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 III (Closed)	1616 McKoy Town Road Cameron, Harnett County, NC	43-04	.0500	April 26-27, 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 — Consultant for Facility — 919-366-3663 (office); 919-995-0363 (cell)

Facility Representative Name (Print) — Title — (Area Code) Telephone Number

Signature — June 6, 2012 — Date

Affix NC Licensed/ Professional Geologist Seal

NORTH CAROLINA LICENSED SEAL 1209 GEOLOGIST BRIAN S. BOUTIN

11112 Branding Iron Place, Wendell, NC 27591

Facility Representative Address

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

Revised 6/2009

June 6, 2012

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

RE: Report of Results
Semi-Annual Groundwater and Surface Water Monitoring: April 2012
Central Carolina Tire Monofill Landfill Phase 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 April 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 April 26, 2012 as part of the site monitoring. Depths to groundwater were measured using an electronic interface

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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 April 26, 2012 are presented in **Table 1**. The depth to groundwater across the site, as measured in the Type II groundwater-monitoring wells on April 26, 2012, ranged from 1.38 feet (MW-12) to 19.73 feet (MW-16) below grade, which is consistent with the surface topography.

A water-table elevation contour map that was developed based on the April 26, 2012 groundwater-gauging data for the Type II monitoring wells is presented as **Figure 3**. The pattern of the water-table contours indicates that the horizontal component of shallow groundwater flow at the site is generally to the 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 0.002 ft/ft in the northern part of the site to 0.008 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 April 26 and 27, 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 with SWS requirements. The results of the field analyses of these parameters are presented in **Table 1**. Copies of Groundwater Sampling Forms containing pertinent information recorded in the field during purging and sampling at each groundwater monitoring well are presented in **Appendix A**. The results of the field-measured water-quality parameters indicate that the values measured in groundwater collected from the site monitoring wells were generally within the applicable stabilization criteria (see Groundwater Sampling Forms). Groundwater at the site is acidic to neutral based on the pH values measured in the field (3.93 to 6.50). Specific conductance values ranged from 18 (MW-12) to 289 (MW-10) µS/cm in groundwater at the Type II monitoring wells. Turbidity values ranged from 4.5 (MW-13) to 22.1 (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 April 26 and 27, 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 April 26, 2012 indicate that no Appendix I VOCs were reported in the sample. Low levels of arsenic, barium, cadmium, lead, selenium, and silver 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.

The laboratory analytical results for the groundwater samples collected from the site monitoring wells in April 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 four of the samples, barium and lead were reported in all of the samples, and selenium was reported in five of the eight samples. None of the concentrations of metals

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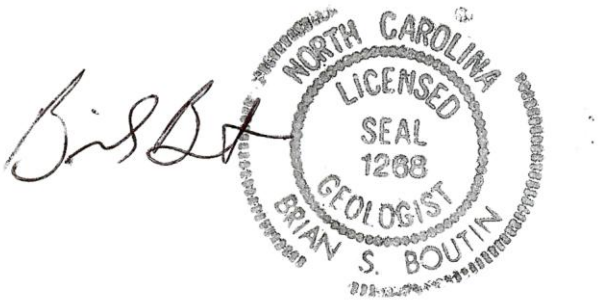
reported in any of the groundwater samples exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards.

3.0 CONCLUSIONS AND RECOMMENDATIONS

The results of the April 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 October 2012.

Sincerely,



Brian S. Boutin, P.G.
Consulting Geologist

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

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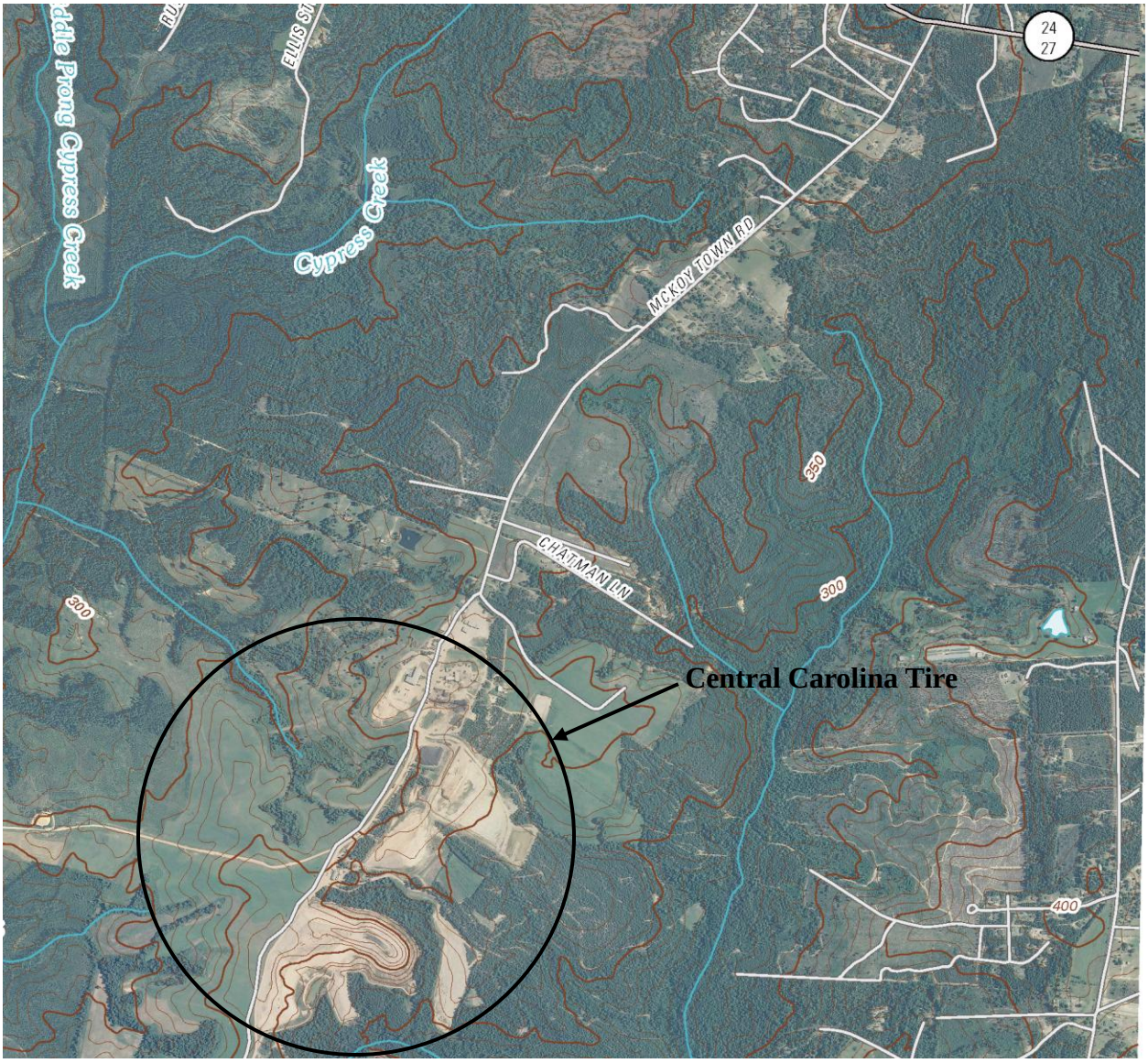

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Source: USGS 7.5' Topographic Quadrangle Series
Murchisontown, NC 2010

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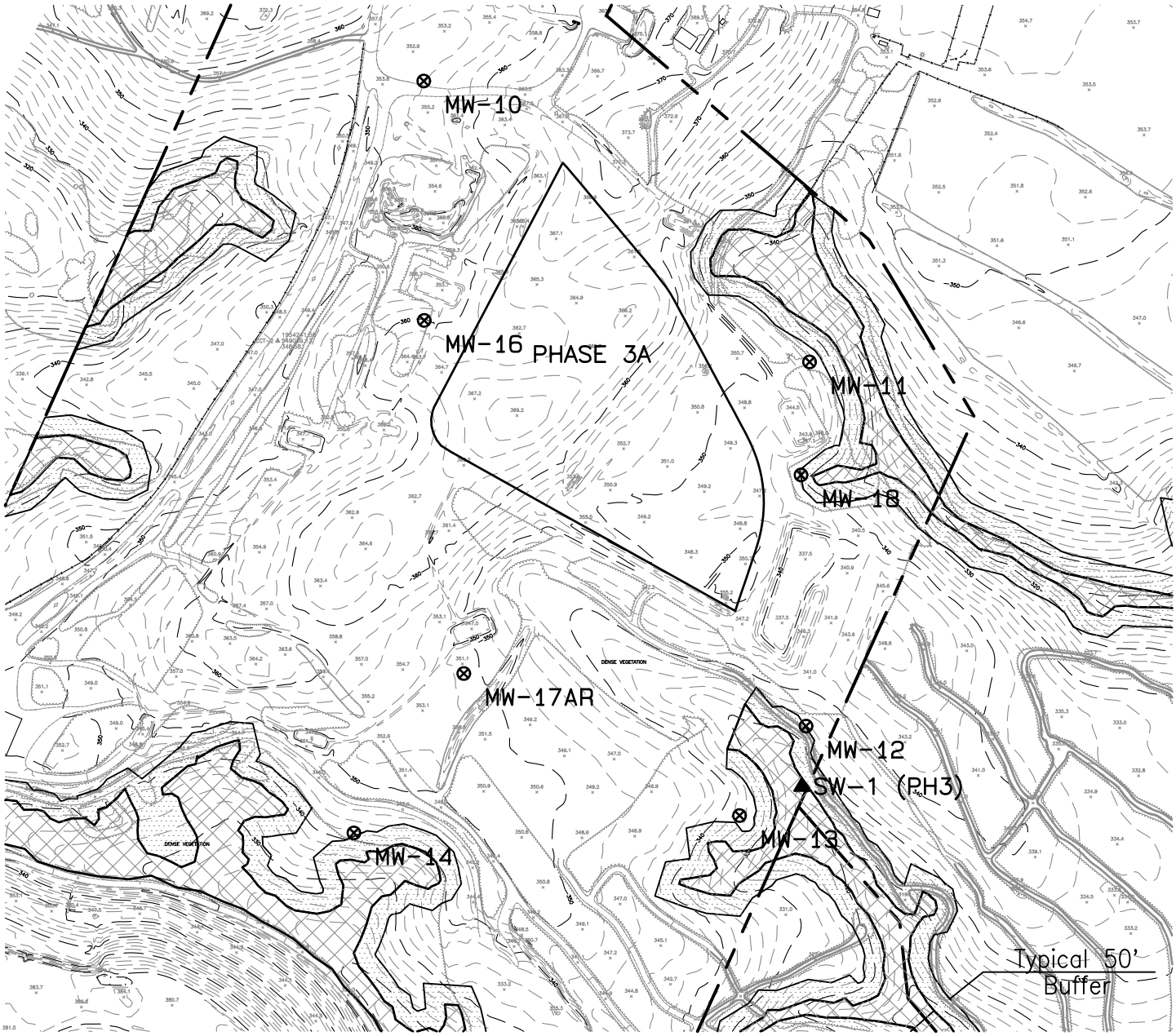
SITE LOCATION MAP

Central Carolina Tire Monofill Landfill
Harnett County, North Carolina

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



LEGEND

⊗ MW-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
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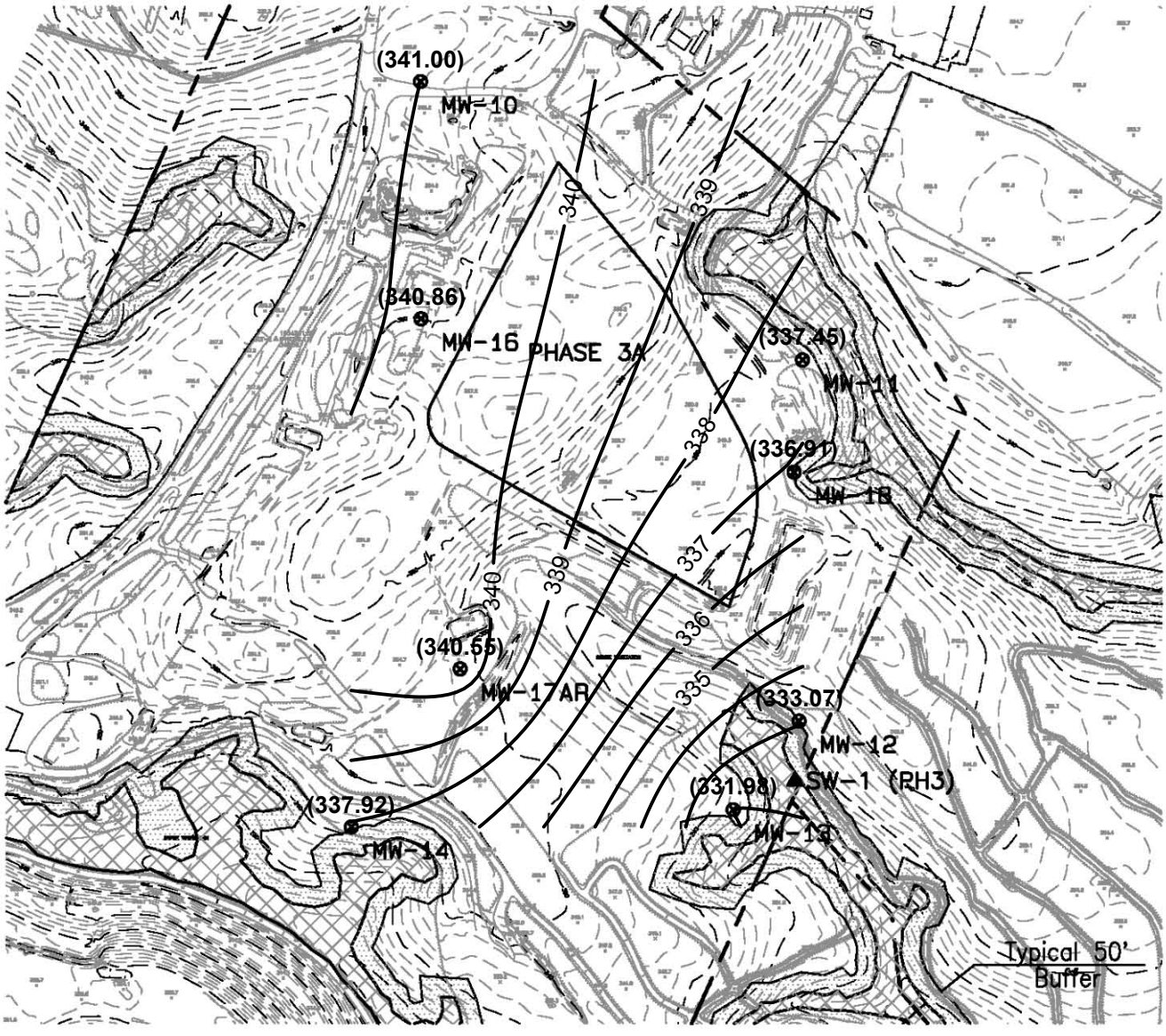

LEGEND

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
April 26, 2012

JOB

FIG 3

V:\Liberty Tire Projects\Central Carolina Tire\Projects\Solid Waste\Groundwater Monitoring\3-Groundwater Monitoring Event Reports\2011\OCT '11\Phase 3\PHS 3 GW EVENT 10-11.pro
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Table 1
Monitoring Well and Groundwater Data
April 2012 Sampling Event
April 26-27, 2011
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	15.28	341.00	17.7	5.21	289	8.46
MW-11	23.8	2.0	347.80	345.70	10.35	337.45	18.1	6.50	36	5.17
MW-12	21.6	2.0	336.58	334.45	3.51	333.07	19.4	4.51	18	22.1
MW-13	20.6	2.0	339.47	337.36	7.49	331.98	16.2	4.21	23	4.5
MW-14	12.6	2.0	344.12	341.86	6.20	337.92	16.7	3.93	69	4.6
MW-16	28.9	2.0	362.53	360.59	21.67	340.86	17.5	4.01	27	5.36
MW-17AR	20.0	2.0	352.99	350.70	12.44	340.55	17.9	3.98	55	9.67
MW-18	14.8	2.0	344.71	342.45	7.80	336.91	18.7	6.13	31	4.6

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
April 2012 Sampling Event
April 26-27, 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	0.23 J	1.4	ND	0.38 J	ND	0.12 J	ND	ND	0.34 J	NE	10
Barium	21	33	27	15	3.9 J	110	33	30	40	NE	700
Cadmium	0.31 J	ND	ND	ND	ND	ND	ND	ND	ND	NE	2
Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	10
Lead	0.95 J	0.21 J	0.30 J	0.64 J	0.24 J	1.6	0.41 J	1.3	0.47 J	NE	15
Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	1
Selenium	1.1	7.2	0.70 J	ND	ND	ND	0.97 J	0.76 J	0.67 J	NE	20
Silver	0.22 J	ND	ND	ND	ND	ND	ND	ND	ND	NE	20

Notes:

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

J = Estimated value above laboratory method detection limit and below SWSL or reporting limit.
B = Analyte found in associated field and/or laboratory blank.
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	4/1/2006	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
Well No: **MW-10**														
Arsenic	**10**	ND	3.7 J	3.09 JB	ND	ND	1.91 J	2.25 J	ND	ND	1.5 J	ND	ND	1.40
Barium	**700**	107	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
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.69 J	ND	ND	ND
Chromium	**10**	ND	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
Lead	**15**	ND	ND	1.30 J	5.11 J	4.90 J	ND	ND	ND	0.71 J	ND	ND	0.95 J	0.21 J
Mercury	**1**	ND	ND	0.082 J	ND	ND	ND	0.281 J	ND	ND	ND	ND	0.019 J	ND
Selenium	**20**	ND	ND	8.40 J	ND	ND	ND	ND	ND	ND	10.00	ND	ND	7.20
Silver	**20**	ND	ND	ND	ND	2.37 JB	3.41 JB	ND	ND	ND	ND	ND	0.45 J	ND
Acetone	**6000**	ND	ND	ND	ND	1.83 JB	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	**3**	ND	ND	ND	ND	ND	ND	0.380 J	ND	ND	ND	ND	ND	ND
Toluene	**600**	ND	ND	ND	ND	ND	5.54	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	4/1/2006	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
Well No: **MW-11**														
Arsenic	**10**	ND	2.2 J	1.54 JB	2.59 J	ND	ND	2.43 J	ND	ND	ND	ND	ND	ND
Barium	**700**	ND	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
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.1**	**ND**	**0.27 J**	ND
Chromium	**10**	ND	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
Lead	**15**	ND	ND	ND	ND	10.60	ND	5.01 JB	ND	ND	0.81 J	ND	0.89 J	0.30 J
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	2.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.47 J	0.70 J
Silver	**20**	ND	ND	ND	ND	2.03 JB	3.91 JB	1.49 JB	1.56 JB	ND	ND	ND	0.33 J	ND
Methylene Chloride	**5**	ND	ND	ND	ND	ND	0.830 J	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	4/1/2006	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
Well No: **MW-12**														
Arsenic	**10**	ND	4.1 J	5.30 JB	ND	2.32 J	ND	3.00 J	ND	ND	ND	ND	0.12 J	0.38 J
Barium	**700**	ND	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
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	**10**	ND	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
Lead	**15**	ND	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
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	7.32 J	ND	ND	ND	ND	ND	ND	ND	ND
Silver	**20**	ND	ND	ND	ND	1.93 JB	4.01 JB	1.82 JB	ND	ND	ND	ND	ND	ND
Chloroform	**70**	ND	ND	ND	0.150 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	**5**	ND	ND	ND	ND	ND	0.390 J	ND	ND	ND	ND	ND	ND	ND
Toluene	**600**	ND	3.0	ND	ND	0.510 JB	0.510 JB	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	4/1/2006	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
Well No: **MW-13**														
Arsenic	**10**	ND	3.0 J	1.67 JB	3.79 J	ND	ND	ND	ND	3.1 J	ND	ND	ND	ND
Barium	**700**	ND	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
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.19 J	ND	ND
Chromium	**10**	ND	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
Lead	**15**	ND	ND	3.25 J	ND	8.32 J	4.75 J	7.51 JB	ND	ND	ND	ND	0.41 J	0.24 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	ND	2.88 JB	3.65 JB	1.12 JB	0.78 JB	ND	ND	ND	ND	ND
Bromoform	**4**	ND	ND	ND	ND	ND	ND	ND	0.27 J	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	4/1/2006	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
Well No: **MW-14**														
Arsenic	**10**	ND	2.4 J	0.57 JB	3.12 J	ND	ND	2.50 J	ND	ND	1.9 J	ND	ND	0.12 J
Barium	**700**	101	110	105 JB	113.0	180 B	185 B	177 B	159 B	130.0	91.0	110.0	87.0	110.0
Cadmium	**2**	ND	ND	0.39 J	ND	ND	ND	ND	0.22 J	ND	0.34 J	ND	ND	ND
Chromium	**10**	ND	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
Lead	**15**	ND	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
Mercury	**1**	ND	ND	0.085 J	ND	ND	ND	ND	ND	ND	ND	ND	0.019 J	ND
Selenium	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	**20**	ND	ND	ND	ND	1.99 JB	3.11 JB	1.29 JB	ND	ND	ND	ND	ND	ND
Acetone	**6000**	ND	ND	ND	8.25 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	**4**	ND	ND	ND	ND	ND	ND	ND	0.18 J	ND	ND	ND	ND	ND
Methylene Chloride	**5**	ND	ND	ND	ND	ND	0.560 J	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	NA	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
Well No: **MW-16**														
Arsenic	**10**	NA	2.5 J	ND	1.86 J	ND	ND	4.76 JB	ND	ND	ND	ND	0.67 J	ND
Barium	**700**	NA	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
Cadmium	**2**	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.66 J	ND	ND	ND
Chromium	**10**	NA	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
Lead	**15**	NA	ND	ND	ND	8.15 J	ND	4.74 JB	ND	1.1 J	ND	ND	0.66 J	0.41 J
Mercury	**1**	NA	0.17 J	0.045 JB	ND	ND	0.114 J	ND	ND	ND	ND	0.092 J	0.17 J	ND
Selenium	**20**	NA	2.8 J	ND	ND	ND	ND	ND	2.9 J	ND	ND	ND	0.48 J	0.97 J
Silver	**20**	NA	ND	1.42 JB	ND	1.66 JB	4.10 JB	1.85 JB	0.86 JB	ND	ND	ND	ND	ND
Acetone	**6000**	NA	ND	ND	ND	2.42 JB	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	**4**	NA	ND	ND	ND	ND	ND	ND	1.06 J	ND	ND	ND	ND	ND
Dibromochloromethane	**0.4**	NA	ND	ND	ND	ND	ND	ND	0.25 J	ND	ND	ND	ND	ND
Methylene Chloride	**5**	NA	ND	ND	ND	ND	0.560 J	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	NA	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
Well No: **MW-17AR***														
Arsenic	**10**	NA	4.1 J	2.13 JB	ND	ND	ND	5.63 J	ND	ND	ND	ND	ND	ND
Barium	**700**	NA	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
Cadmium	**2**	NA	0.50 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	**10**	NA	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
Lead	**15**	NA	ND	ND	ND	5.88 J	ND	ND	ND	ND	ND	ND	1.00	1.30
Mercury	**1**	NA	0.19 J	0.048 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.76 J
Silver	**20**	NA	ND	1.27 JB	ND	2.26 JB	4.19 JB	1.51 JB	0.84 JB	ND	ND	ND	ND	ND
Bromoform	**4**	NA	ND	ND	ND	ND	ND	ND	0.27 J	ND	ND	ND	ND	ND
Methylene Chloride	**5**	NA	ND	ND	ND	ND	0.450 J	ND	ND	ND	ND	ND	ND	ND
Toluene	**600**	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.58	ND

Sampling Date:	2L Standard	NA	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
Well No: **MW-18**														
Arsenic	**10**	NA	3.9 J	ND	4.49 J	ND	ND	2.22 J	ND	ND	ND	ND	ND	0.34 J
Barium	**700**	NA	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
Cadmium	**2**	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23 J	ND	ND
Chromium	**10**	NA	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
Lead	**15**	NA	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
Mercury	**1**	NA	0.16 J	0.047 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.67 J
Silver	**20**	NA	ND	1.33 JB	ND	2.07 JB	3.72 JB	1.69 JB	0.95 JB	ND	ND	ND	ND	ND
Methylene Chloride	**5**	NA	ND	ND	ND	ND	0.910 J	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	NA	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
Well No: **SW-1(Exp)**														
Arsenic	**10**	NA	ND	0.72 JB	4.32 J	ND	ND	1.96 J	ND	ND	ND	ND	0.79 J	0.23 J
Barium	**700**	NA	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
Cadmium	**2**	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.2 J	ND	ND	0.31 J
Chromium	**10**	NA	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
Lead	**15**	NA	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
Mercury	**1**	NA	0.14 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23	ND
Selenium	**20**	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.79 J	1.10
Silver	**20**	NA	ND	ND	ND	2.53 JB	3.75 JB	1.66 JB	0.98 JB	ND	ND	ND	ND	0.22 J
Styrene	**70**	NA	ND	ND	0.260 J	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 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.

* - 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-10

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: SUNNY 58° Collector(s) JEFF CRAVEN

Date: 4/26/12
Time: Start 0810 am/pm
Finish 0850 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 11.22 (a-b)

b. Water Table Depth 15.28 d. Casing Diamete r 2" f. Calculated Well Volume (see back) 1.83

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ N/A well volumes) _____ N/A Pumping Rate: 250 ml/min.
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	1041004422
HACH	2100P	C000390

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	
0814	INITIAL	17.48	4.49	330	477.1	15.37	TAN	NONE	
0820	2,500	17.53	4.56	324	186.0	15.40	LT. TAN		
0824	3,500	17.61	5.11	293	80.9	15.40	LT. TAN		
0828	4,500	17.66	5.16	290	32.4	15.41	CLEAR		
0832	5,500	17.69	5.19	289	19.7	15.41			
0836	6,500	17.71	5.21	289	11.2	15.41			
0840	7,500	17.72	5.21	289	8.46	15.42	↓	↓	

e. Acceptance criteria pass/fail

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

If no or N/A - Explain below.

SAMPLE COLLECTION: Method: Peristaltic Pump

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304- MW10	VOA	3	HCL	8260	0844
4304- MW10	500 ml PLASTIC	1	HN03	RCRA METALS	0844

Comments

Signature Jeff Craven Date 4/26/12

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: SUNNY 65° Collector(s) JEFF LEAVER

Date: 4/26/12
Time: Start 0950 am/pm
Finish 1035 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 13.20 (a-b)

b. Water Table Depth 10.35 d. Casing Diamete r 2" f. Calculated Well Volume (see back) 2.2

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ N/A 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	10H100442
HACH	2100P	C000390

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	
0955	INITIAL	18.22	7.21	30	8.14	10.44	CLEAR	NONE	
1000	1,000	18.14	6.74	33	6.91	10.46	↓	↓	
1005	1,500	18.09	6.59	35	6.55	10.47	↓	↓	
1010	2,000	18.07	6.54	36	5.83	10.47	↓	↓	
1015	2,500	18.07	6.51	36	5.40	10.48	↓	↓	
1020	3,000	18.06	6.50	36	5.17	10.48	↓	↓	

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	1024
4304- MW11	500 ml PLASTIC	1	HN03	RCRA METALS	1024

Comments

Signature Jeff Leaver Date 4/26/12

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: SUNNY 70° Collector(s) JEFF LEAVER

Date: 4/27/12
Time: Start 0950 am/pm
Finish 1045 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 17.89 (a-b)

b. Water Table Depth 3.51 d. Casing Diamete r 2" f. Calculated Well Volume (see back) 2.9

WELL PURGING DATA

a. Purge Method LOW FLOW

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ N/A 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	10H100442
HACH	2100P	C000390

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	
0955	INITIAL	18.57	4.61	20	37.20	3.66	CLOUDY	NONE	
1000	1,000	18.80	4.62	20	31.44	3.68	CLOUDY	NONE	
1005	1,500	19.18	4.60	19	27.09	3.69	CLOUDY	NONE	
1010	2,000	19.27	4.57	18	30.6	3.69	CLOUDY	NONE	
1015	2,500	19.33	4.55	18	28.7	3.70	CLOUDY	NONE	
1020	3,000	19.36	4.52	18	28.2	3.70	CLEAR	NONE	
1025	3,500	19.38	4.51	18	28.6	3.70	CLEAR	NONE	
1030	4,000	19.40	4.51	18	28.1	3.71	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-MW12	VOA	3	HCL	8260	1034
4304-MW12	500 ml PLASTIC	1	HN03	RCRA METALS	1034

Comments

Signature Jeff Leaver Date 4/27/12

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: SUNNY 68° Collector(s) JEFF LEAVER

Date: 4/27/12
Time: Start 0740 am/pm
Finish 0830 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 13.01 (a-b)

b. Water Table Depth 7.49 d. Casing Diamete r 2" f. Calculated Well Volume (see back) 2.1

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ N/A 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	10H100442
HACH	2100P	C000790

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	
0744	INITIAL	16.19	4.24	27	10.4	7.50	CLEAR	NONE	
0750	2,000	16.17	4.22	25	8.79	7.50	CLEAR	NONE	
0755	3,000	16.16	4.22	24	6.41	7.50	CLEAR	NONE	
0800	4,000	16.16	4.21	23	6.10	7.51	CLEAR	NONE	
0805	5,000	16.16	4.21	23	4.74	7.51	CLEAR	NONE	
0810	6,000	16.15	4.21	23	4.50	7.52	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-MW13	VOA	3	HCL	8260	0814
4304-MW13	500 ml PLASTIC	1	HN03	RCRA METALS	0814

Comments

Signature Jeff Leaver Date 4/27/12

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: SUNNY 68° Collector(s) JEFF LEAVER

Date: 4/26/12
Time: Start 1210 am/pm
Finish 1312 am/pm

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

a. Total Well Length 12.50 c. Casing Material PVC e. Length of Water Column 6.30 (a-b)

b. Water Table Depth 5.20 d. Casing Diamete r 2" f. Calculated Well Volume (see back) 1.0

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ N/A 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	10H100442
HACH	2100P	C000390

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	
1216	INITIAL	17.17	3.77	58	64.1	6.40	TAN	NONE	
1220	1,000	16.84	3.81	67	37.9	6.42	TAN	NONE	
1225	1,500	16.73	3.86	66	20.4	6.43	CLEAR	NONE	
1230	2,000	16.70	3.89	68	13.6	6.43	CLEAR	NONE	
1235	2,500	16.68	3.91	68	10.0	6.43	CLEAR	NONE	
1240	3,000	16.67	3.93	69	8.77	6.44	CLEAR	NONE	
1245	3,500	16.67	3.93	69	8.28	6.44	CLEAR	NONE	
1250	4,000	16.67	3.93	69	4.60	6.45	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-MW14	VOA	3	HCL	8260	1254
4304-MW14	500 ml PLASTIC	1	HN03	RCRA METALS	1254

Comments

Signature Jeff Leaver Date 4/26/12

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: SUNNY 62° Collector(s) JEFF LEAVER

Date: 4/26/12
Time: Start 0900 am/pm
Finish 0940 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 6.59 (a-b)

b. Water Table Depth 21.67 d. Casing Diamete r 2" f. Calculated Well Volume (see back) 1.1

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ N/A 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	10H100442
HACH	2100P	C000390

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	
0904	INITIAL	17.65	4.38	35	27.4	21.70	CLEAR	NONE	
0910	2,000	17.69	4.11	30	10.7	21.70	↓	↓	
0915	3,000	17.53	4.05	28	6.99	21.70	↓	↓	
0920	4,000	17.51	4.02	28	6.40	21.70	↓	↓	
0925	5,000	17.49	4.02	27	5.87	21.70	↓	↓	
0930	6,000	17.48	4.01	27	5.36	21.70	↓	↓	

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	0932
4304- MW16	500 ml PLASTIC	1	HN03	RCRA METALS	0932

Comments

Signature Jeff Leaver Date 4/26/12

Well/Piezo ID: MW-17AR

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: SUNNY 70° Collector(s) JEFF LEAVER

Date: 4/27/12
Time: Start 0844 am/pm
Finish 0935 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 7.96 (a-b)

b. Water Table Depth 12.44 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 (@ N/A 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	10H100442
HACH	2100P	C000390

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	
0848	INITIAL	17.92	3.94	41	61.3	12.46	CLOUDY	NONE	
0855	2,000	17.90	3.97	47	82.7	12.46	CLOUDY	NONE	
0900	3,000	17.88	3.99	51	30.0	12.46	CLOUDY	NONE	
0905	4,000	17.87	4.01	54	22.9	12.46	CLEAR	NONE	
0910	5,000	17.89	3.99	54	16.4	12.46	CLEAR	NONE	
0915	6,000	17.90	3.99	55	12.2	12.46	CLEAR	NONE	
0920	7,000	17.90	3.98	55	9.67	12.46	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-MW17AR	VOA	3	HCL	8260	0922
4304-MW17AR	500 ml PLASTIC	1	HN03	RCRA METALS	0922

Comments

Signature Jeff Leaver Date 4/27/12

Well/Piezo ID: MW-18

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: SUNNY/WINDY 65° Collector(s) JEFF LEAVER

Date: 4/26/12
Time: Start 1050 am/pm
Finish 1140 am/pm

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 7.40 (a-b)

b. Water Table Depth 7.80 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 (@ N/A 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	10H100442
HACH	2100P	C000390

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	
1053	INITIAL	19.81	5.70	31	8.96	7.80	CLEAR	NONE	
1100	2,000	19.29	5.91	31	6.77	7.14	CLEAR	NONE	
1105	3,000	18.78	6.04	31	6.41	6.86	CLEAR	NONE	
1110	4,000	18.73	6.16	31	5.88	6.22	CLEAR	NONE	
1115	5,000	18.69	6.12	31	5.24	4.97	CLEAR	NONE	
1120	6,000	18.67	6.13	31	4.60	4.22	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-MW18	VOA	3	HCL	8260	1124
4304-MW18	500 ml PLASTIC	1	HN03	RCRA METALS	1124

Comments

Signature Jeff Leaver Date 4/26/12

APPENDIX B

Laboratory Reports
And
Chain-of-Custody Records

Case Narrative

05/15/2012

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

Project: Central Carolina Tire
Project No.: 43-04
Lab Submittal Date: 04/27/2012
Prism Work Order: 2050007

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

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

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

Respectfully,

PRISM LABORATORIES, INC.

President/Project Manager

Reviewed By

Data Qualifiers Key Reference:

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

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Sample Receipt Summary

05/15/2012

Prism Work Order: 2050007

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
4304-MW10	2050007-01	Water	04/26/12	04/27/12
4304-MW16	2050007-02	Water	04/26/12	04/27/12
4304-MW11	2050007-03	Water	04/26/12	04/27/12
4304-MW18	2050007-04	Water	04/26/12	04/27/12
4304-MW14	2050007-05	Water	04/26/12	04/27/12
4304-MW13	2050007-06	Water	04/27/12	04/27/12
4304-MW17AR	2050007-07	Water	04/27/12	04/27/12
4304-MW12	2050007-08	Water	04/27/12	04/27/12
4304-SW1 EXP.	2050007-09	Water	04/27/12	04/27/12
4304-Trip Blank	2050007-10	Water	04/26/12	04/27/12

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

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Summary of Detections

05/15/2012

Prism Work Order: 2050007

Prism ID	Client ID	Parameter	Method	Result		Units
2050007-01	4304-MW10	Arsenic	6020A	1.4		ug/L
2050007-01	4304-MW10	Barium	6020A	33		ug/L
2050007-01	4304-MW10	Lead	6020A	0.21	J	ug/L
2050007-01	4304-MW10	Selenium	6020A	7.2		ug/L
2050007-02	4304-MW16	Barium	6020A	33		ug/L
2050007-02	4304-MW16	Lead	6020A	0.41	J	ug/L
2050007-02	4304-MW16	Selenium	6020A	0.97	J	ug/L
2050007-03	4304-MW11	Barium	6020A	27		ug/L
2050007-03	4304-MW11	Lead	6020A	0.30	J	ug/L
2050007-03	4304-MW11	Selenium	6020A	0.70	J	ug/L
2050007-04	4304-MW18	Arsenic	6020A	0.34	J	ug/L
2050007-04	4304-MW18	Barium	6020A	40		ug/L
2050007-04	4304-MW18	Lead	6020A	0.47	J	ug/L
2050007-04	4304-MW18	Selenium	6020A	0.67	J	ug/L
2050007-05	4304-MW14	Arsenic	6020A	0.12	J	ug/L
2050007-05	4304-MW14	Barium	6020A	110		ug/L
2050007-05	4304-MW14	Lead	6020A	1.6		ug/L
2050007-06	4304-MW13	Barium	6020A	3.9	J	ug/L
2050007-06	4304-MW13	Lead	6020A	0.24	J	ug/L
2050007-07	4304-MW17AR	Barium	6020A	130		ug/L
2050007-07	4304-MW17AR	Lead	6020A	1.3		ug/L
2050007-07	4304-MW17AR	Selenium	6020A	0.76	J	ug/L
2050007-08	4304-MW12	Arsenic	6020A	0.38	J	ug/L
2050007-08	4304-MW12	Barium	6020A	15		ug/L
2050007-08	4304-MW12	Lead	6020A	0.64	J	ug/L
2050007-09	4304-SW1 EXP.	Arsenic	6020A	0.23	J	ug/L
2050007-09	4304-SW1 EXP.	Barium	6020A	21		ug/L
2050007-09	4304-SW1 EXP.	Cadmium	6020A	0.31	J	ug/L
2050007-09	4304-SW1 EXP.	Lead	6020A	0.95	J	ug/L
2050007-09	4304-SW1 EXP.	Selenium	6020A	1.1		ug/L
2050007-09	4304-SW1 EXP.	Silver	6020A	0.22	J	ug/L

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW10
Prism Sample ID: 2050007-01
Prism Work Order: 2050007
Time Collected: 04/26/12 08:44
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	**1.4**	**ug/L**	**1.0**	**0.12**	**1**	**6020A**	**5/9/12 2:16**	**LTB**	**P2E0022**
Barium	**33**	**ug/L**	**5.0**	**0.19**	**1**	**6020A**	**5/9/12 2:16**	**LTB**	**P2E0022**
Cadmium	BRL	ug/L	1.0	0.20	1	6020A	5/9/12 2:16	LTB	P2E0022
Chromium	BRL	ug/L	1.0	0.12	1	6020A	5/9/12 2:16	LTB	P2E0022
Lead	**0.21 J**	**ug/L**	**1.0**	**0.13**	**1**	**6020A**	**5/10/12 15:25**	**LTB**	**P2E0022**
Selenium	**7.2**	**ug/L**	**1.0**	**0.44**	**1**	**6020A**	**5/9/12 2:16**	**LTB**	**P2E0022**
Silver	BRL	ug/L	1.0	0.059	1	6020A	5/9/12 2:16	LTB	P2E0022
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	7470A	5/7/12 16:41	MEH	P2E0131
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/4/12 16:04	MGB	P2E0078
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/4/12 16:04	MGB	P2E0078
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/4/12 16:04	MGB	P2E0078
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/4/12 16:04	MGB	P2E0078
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/4/12 16:04	MGB	P2E0078
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/4/12 16:04	MGB	P2E0078
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/4/12 16:04	MGB	P2E0078
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/4/12 16:04	MGB	P2E0078
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/4/12 16:04	MGB	P2E0078
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/4/12 16:04	MGB	P2E0078
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/4/12 16:04	MGB	P2E0078
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 16:04	MGB	P2E0078
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/4/12 16:04	MGB	P2E0078
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/4/12 16:04	MGB	P2E0078
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/4/12 16:04	MGB	P2E0078
Benzene	BRL	ug/L	0.50	0.072	1	8260B	5/4/12 16:04	MGB	P2E0078
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 16:04	MGB	P2E0078
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/4/12 16:04	MGB	P2E0078
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/4/12 16:04	MGB	P2E0078
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/4/12 16:04	MGB	P2E0078
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/4/12 16:04	MGB	P2E0078
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/4/12 16:04	MGB	P2E0078
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/4/12 16:04	MGB	P2E0078
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 16:04	MGB	P2E0078
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/4/12 16:04	MGB	P2E0078
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/4/12 16:04	MGB	P2E0078
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/4/12 16:04	MGB	P2E0078
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/4/12 16:04	MGB	P2E0078
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/4/12 16:04	MGB	P2E0078
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 16:04	MGB	P2E0078
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/4/12 16:04	MGB	P2E0078

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW10
Prism Sample ID: 2050007-01
Prism Work Order: 2050007
Time Collected: 04/26/12 08:44
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/4/12 16:04	MGB	P2E0078
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/4/12 16:04	MGB	P2E0078
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/4/12 16:04	MGB	P2E0078
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	5/4/12 16:04	MGB	P2E0078
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/4/12 16:04	MGB	P2E0078
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/4/12 16:04	MGB	P2E0078
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/4/12 16:04	MGB	P2E0078
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/4/12 16:04	MGB	P2E0078
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/4/12 16:04	MGB	P2E0078
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	5/4/12 16:04	MGB	P2E0078
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/4/12 16:04	MGB	P2E0078
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/4/12 16:04	MGB	P2E0078
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/4/12 16:04	MGB	P2E0078
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	5/4/12 16:04	MGB	P2E0078
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/4/12 16:04	MGB	P2E0078
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/4/12 16:04	MGB	P2E0078
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/4/12 16:04	MGB	P2E0078
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/4/12 16:04	MGB	P2E0078
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	5/4/12 16:04	MGB	P2E0078

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*108 %*	*80-124*
Dibromofluoromethane	*97 %*	*75-129*
Toluene-d8	*99 %*	*77-123*

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Laboratory Report

05/15/2012

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW16
Prism Sample ID: 2050007-02
Prism Work Order: 2050007
Time Collected: 04/26/12 09:32
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	BRL	ug/L	1.0	0.12	1	6020A	5/9/12 2:56	LTB	P2E0022
Barium	**33**	**ug/L**	**5.0**	**0.19**	**1**	**6020A**	**5/9/12 2:56**	**LTB**	**P2E0022**
Cadmium	BRL	ug/L	1.0	0.20	1	6020A	5/9/12 2:56	LTB	P2E0022
Chromium	BRL	ug/L	1.0	0.12	1	6020A	5/9/12 2:56	LTB	P2E0022
Lead	**0.41 J**	**ug/L**	**1.0**	**0.13**	**1**	**6020A**	**5/10/12 16:06**	**LTB**	**P2E0022**
Selenium	**0.97 J**	**ug/L**	**1.0**	**0.44**	**1**	**6020A**	**5/9/12 2:56**	**LTB**	**P2E0022**
Silver	BRL	ug/L	1.0	0.059	1	6020A	5/9/12 2:56	LTB	P2E0022
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	7470A	5/7/12 16:53	MEH	P2E0131
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/4/12 11:33	MGB	P2E0078
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/4/12 11:33	MGB	P2E0078
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/4/12 11:33	MGB	P2E0078
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/4/12 11:33	MGB	P2E0078
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/4/12 11:33	MGB	P2E0078
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/4/12 11:33	MGB	P2E0078
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/4/12 11:33	MGB	P2E0078
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/4/12 11:33	MGB	P2E0078
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/4/12 11:33	MGB	P2E0078
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/4/12 11:33	MGB	P2E0078
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/4/12 11:33	MGB	P2E0078
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 11:33	MGB	P2E0078
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/4/12 11:33	MGB	P2E0078
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/4/12 11:33	MGB	P2E0078
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/4/12 11:33	MGB	P2E0078
Benzene	BRL	ug/L	0.50	0.072	1	8260B	5/4/12 11:33	MGB	P2E0078
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 11:33	MGB	P2E0078
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/4/12 11:33	MGB	P2E0078
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/4/12 11:33	MGB	P2E0078
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/4/12 11:33	MGB	P2E0078
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/4/12 11:33	MGB	P2E0078
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/4/12 11:33	MGB	P2E0078
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/4/12 11:33	MGB	P2E0078
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 11:33	MGB	P2E0078
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/4/12 11:33	MGB	P2E0078
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/4/12 11:33	MGB	P2E0078
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/4/12 11:33	MGB	P2E0078
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/4/12 11:33	MGB	P2E0078
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/4/12 11:33	MGB	P2E0078
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 11:33	MGB	P2E0078
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/4/12 11:33	MGB	P2E0078

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

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW16
Prism Sample ID: 2050007-02
Prism Work Order: 2050007
Time Collected: 04/26/12 09:32
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/4/12 11:33	MGB	P2E0078
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/4/12 11:33	MGB	P2E0078
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/4/12 11:33	MGB	P2E0078
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	5/4/12 11:33	MGB	P2E0078
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/4/12 11:33	MGB	P2E0078
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/4/12 11:33	MGB	P2E0078
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/4/12 11:33	MGB	P2E0078
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/4/12 11:33	MGB	P2E0078
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/4/12 11:33	MGB	P2E0078
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	5/4/12 11:33	MGB	P2E0078
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/4/12 11:33	MGB	P2E0078
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/4/12 11:33	MGB	P2E0078
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/4/12 11:33	MGB	P2E0078
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	5/4/12 11:33	MGB	P2E0078
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/4/12 11:33	MGB	P2E0078
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/4/12 11:33	MGB	P2E0078
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/4/12 11:33	MGB	P2E0078
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/4/12 11:33	MGB	P2E0078
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	5/4/12 11:33	MGB	P2E0078

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*110 %*	*80-124*
Dibromofluoromethane	*96 %*	*75-129*
Toluene-d8	*97 %*	*77-123*

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

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW11
Prism Sample ID: 2050007-03
Prism Work Order: 2050007
Time Collected: 04/26/12 10:24
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	BRL	ug/L	1.0	0.12	1	6020A	5/9/12 3:35	LTB	P2E0022
Barium	**27**	**ug/L**	**5.0**	**0.19**	**1**	**6020A**	**5/9/12 3:35**	**LTB**	**P2E0022**
Cadmium	BRL	ug/L	1.0	0.20	1	6020A	5/9/12 3:35	LTB	P2E0022
Chromium	BRL	ug/L	1.0	0.12	1	6020A	5/9/12 3:35	LTB	P2E0022
Lead	**0.30 J**	**ug/L**	**1.0**	**0.13**	**1**	**6020A**	**5/10/12 16:46**	**LTB**	**P2E0022**
Selenium	**0.70 J**	**ug/L**	**1.0**	**0.44**	**1**	**6020A**	**5/9/12 3:35**	**LTB**	**P2E0022**
Silver	BRL	ug/L	1.0	0.059	1	6020A	5/9/12 3:35	LTB	P2E0022
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	7470A	5/7/12 16:57	MEH	P2E0131
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/4/12 15:35	MGB	P2E0078
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/4/12 15:35	MGB	P2E0078
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/4/12 15:35	MGB	P2E0078
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/4/12 15:35	MGB	P2E0078
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/4/12 15:35	MGB	P2E0078
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/4/12 15:35	MGB	P2E0078
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/4/12 15:35	MGB	P2E0078
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/4/12 15:35	MGB	P2E0078
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/4/12 15:35	MGB	P2E0078
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/4/12 15:35	MGB	P2E0078
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/4/12 15:35	MGB	P2E0078
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 15:35	MGB	P2E0078
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/4/12 15:35	MGB	P2E0078
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/4/12 15:35	MGB	P2E0078
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/4/12 15:35	MGB	P2E0078
Benzene	BRL	ug/L	0.50	0.072	1	8260B	5/4/12 15:35	MGB	P2E0078
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 15:35	MGB	P2E0078
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/4/12 15:35	MGB	P2E0078
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/4/12 15:35	MGB	P2E0078
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/4/12 15:35	MGB	P2E0078
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/4/12 15:35	MGB	P2E0078
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/4/12 15:35	MGB	P2E0078
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/4/12 15:35	MGB	P2E0078
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 15:35	MGB	P2E0078
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/4/12 15:35	MGB	P2E0078
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/4/12 15:35	MGB	P2E0078
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/4/12 15:35	MGB	P2E0078
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/4/12 15:35	MGB	P2E0078
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/4/12 15:35	MGB	P2E0078
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 15:35	MGB	P2E0078
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/4/12 15:35	MGB	P2E0078

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW11
Prism Sample ID: 2050007-03
Prism Work Order: 2050007
Time Collected: 04/26/12 10:24
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/4/12 15:35	MGB	P2E0078
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/4/12 15:35	MGB	P2E0078
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/4/12 15:35	MGB	P2E0078
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	5/4/12 15:35	MGB	P2E0078
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/4/12 15:35	MGB	P2E0078
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/4/12 15:35	MGB	P2E0078
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/4/12 15:35	MGB	P2E0078
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/4/12 15:35	MGB	P2E0078
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/4/12 15:35	MGB	P2E0078
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	5/4/12 15:35	MGB	P2E0078
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/4/12 15:35	MGB	P2E0078
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/4/12 15:35	MGB	P2E0078
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/4/12 15:35	MGB	P2E0078
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	5/4/12 15:35	MGB	P2E0078
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/4/12 15:35	MGB	P2E0078
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/4/12 15:35	MGB	P2E0078
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/4/12 15:35	MGB	P2E0078
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/4/12 15:35	MGB	P2E0078
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	5/4/12 15:35	MGB	P2E0078

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*111 %*	*80-124*
Dibromofluoromethane	*97 %*	*75-129*
Toluene-d8	*98 %*	*77-123*

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW18
Prism Sample ID: 2050007-04
Prism Work Order: 2050007
Time Collected: 04/26/12 11:24
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	**0.34 J**	**ug/L**	**1.0**	**0.12**	**1**	**6020A**	**5/9/12 2:51**	**LTB**	**P2E0022**
Barium	**40**	**ug/L**	**5.0**	**0.19**	**1**	**6020A**	**5/9/12 2:51**	**LTB**	**P2E0022**
Cadmium	BRL	ug/L	1.0	0.20	1	6020A	5/9/12 2:51	LTB	P2E0022
Chromium	BRL	ug/L	1.0	0.12	1	6020A	5/9/12 2:51	LTB	P2E0022
Lead	**0.47 J**	**ug/L**	**1.0**	**0.13**	**1**	**6020A**	**5/10/12 16:01**	**LTB**	**P2E0022**
Selenium	**0.67 J**	**ug/L**	**1.0**	**0.44**	**1**	**6020A**	**5/9/12 2:51**	**LTB**	**P2E0022**
Silver	BRL	ug/L	1.0	0.059	1	6020A	5/9/12 2:51	LTB	P2E0022
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	7470A	5/7/12 17:01	MEH	P2E0131
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/4/12 16:33	MGB	P2E0078
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/4/12 16:33	MGB	P2E0078
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/4/12 16:33	MGB	P2E0078
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/4/12 16:33	MGB	P2E0078
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/4/12 16:33	MGB	P2E0078
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/4/12 16:33	MGB	P2E0078
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/4/12 16:33	MGB	P2E0078
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/4/12 16:33	MGB	P2E0078
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/4/12 16:33	MGB	P2E0078
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/4/12 16:33	MGB	P2E0078
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/4/12 16:33	MGB	P2E0078
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 16:33	MGB	P2E0078
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/4/12 16:33	MGB	P2E0078
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/4/12 16:33	MGB	P2E0078
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/4/12 16:33	MGB	P2E0078
Benzene	BRL	ug/L	0.50	0.072	1	8260B	5/4/12 16:33	MGB	P2E0078
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 16:33	MGB	P2E0078
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/4/12 16:33	MGB	P2E0078
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/4/12 16:33	MGB	P2E0078
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/4/12 16:33	MGB	P2E0078
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/4/12 16:33	MGB	P2E0078
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/4/12 16:33	MGB	P2E0078
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/4/12 16:33	MGB	P2E0078
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 16:33	MGB	P2E0078
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/4/12 16:33	MGB	P2E0078
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/4/12 16:33	MGB	P2E0078
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/4/12 16:33	MGB	P2E0078
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/4/12 16:33	MGB	P2E0078
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/4/12 16:33	MGB	P2E0078
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 16:33	MGB	P2E0078
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/4/12 16:33	MGB	P2E0078

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW18
Prism Sample ID: 2050007-04
Prism Work Order: 2050007
Time Collected: 04/26/12 11:24
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/4/12 16:33	MGB	P2E0078
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/4/12 16:33	MGB	P2E0078
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/4/12 16:33	MGB	P2E0078
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	5/4/12 16:33	MGB	P2E0078
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/4/12 16:33	MGB	P2E0078
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/4/12 16:33	MGB	P2E0078
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/4/12 16:33	MGB	P2E0078
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/4/12 16:33	MGB	P2E0078
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/4/12 16:33	MGB	P2E0078
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	5/4/12 16:33	MGB	P2E0078
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/4/12 16:33	MGB	P2E0078
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/4/12 16:33	MGB	P2E0078
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/4/12 16:33	MGB	P2E0078
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	5/4/12 16:33	MGB	P2E0078
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/4/12 16:33	MGB	P2E0078
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/4/12 16:33	MGB	P2E0078
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/4/12 16:33	MGB	P2E0078
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/4/12 16:33	MGB	P2E0078
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	5/4/12 16:33	MGB	P2E0078

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*109 %*	*80-124*
Dibromofluoromethane	*96 %*	*75-129*
Toluene-d8	*98 %*	*77-123*

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW14
Prism Sample ID: 2050007-05
Prism Work Order: 2050007
Time Collected: 04/26/12 12:54
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	**0.12 J**	**ug/L**	**1.0**	**0.12**	**1**	**6020A**	**5/9/12 2:47**	**LTB**	**P2E0022**
Barium	**110**	**ug/L**	**5.0**	**0.19**	**1**	**6020A**	**5/9/12 2:47**	**LTB**	**P2E0022**
Cadmium	BRL	ug/L	1.0	0.20	1	6020A	5/9/12 2:47	LTB	P2E0022
Chromium	BRL	ug/L	1.0	0.12	1	6020A	5/9/12 2:47	LTB	P2E0022
Lead	**1.6**	**ug/L**	**1.0**	**0.13**	**1**	**6020A**	**5/10/12 15:57**	**LTB**	**P2E0022**
Selenium	BRL	ug/L	1.0	0.44	1	6020A	5/9/12 2:47	LTB	P2E0022
Silver	BRL	ug/L	1.0	0.059	1	6020A	5/9/12 2:47	LTB	P2E0022
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	7470A	5/7/12 17:04	MEH	P2E0131
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/4/12 17:01	MGB	P2E0078
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/4/12 17:01	MGB	P2E0078
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/4/12 17:01	MGB	P2E0078
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/4/12 17:01	MGB	P2E0078
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/4/12 17:01	MGB	P2E0078
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/4/12 17:01	MGB	P2E0078
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/4/12 17:01	MGB	P2E0078
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/4/12 17:01	MGB	P2E0078
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/4/12 17:01	MGB	P2E0078
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/4/12 17:01	MGB	P2E0078
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/4/12 17:01	MGB	P2E0078
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 17:01	MGB	P2E0078
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/4/12 17:01	MGB	P2E0078
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/4/12 17:01	MGB	P2E0078
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/4/12 17:01	MGB	P2E0078
Benzene	BRL	ug/L	0.50	0.072	1	8260B	5/4/12 17:01	MGB	P2E0078
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 17:01	MGB	P2E0078
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/4/12 17:01	MGB	P2E0078
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/4/12 17:01	MGB	P2E0078
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/4/12 17:01	MGB	P2E0078
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/4/12 17:01	MGB	P2E0078
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/4/12 17:01	MGB	P2E0078
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/4/12 17:01	MGB	P2E0078
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 17:01	MGB	P2E0078
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/4/12 17:01	MGB	P2E0078
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/4/12 17:01	MGB	P2E0078
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/4/12 17:01	MGB	P2E0078
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/4/12 17:01	MGB	P2E0078
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/4/12 17:01	MGB	P2E0078
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 17:01	MGB	P2E0078
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/4/12 17:01	MGB	P2E0078

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW14
Prism Sample ID: 2050007-05
Prism Work Order: 2050007
Time Collected: 04/26/12 12:54
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/4/12 17:01	MGB	P2E0078
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/4/12 17:01	MGB	P2E0078
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/4/12 17:01	MGB	P2E0078
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	5/4/12 17:01	MGB	P2E0078
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/4/12 17:01	MGB	P2E0078
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/4/12 17:01	MGB	P2E0078
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/4/12 17:01	MGB	P2E0078
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/4/12 17:01	MGB	P2E0078
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/4/12 17:01	MGB	P2E0078
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	5/4/12 17:01	MGB	P2E0078
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/4/12 17:01	MGB	P2E0078
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/4/12 17:01	MGB	P2E0078
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/4/12 17:01	MGB	P2E0078
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	5/4/12 17:01	MGB	P2E0078
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/4/12 17:01	MGB	P2E0078
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/4/12 17:01	MGB	P2E0078
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/4/12 17:01	MGB	P2E0078
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/4/12 17:01	MGB	P2E0078
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	5/4/12 17:01	MGB	P2E0078

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*110 %*	*80-124*
Dibromofluoromethane	*96 %*	*75-129*
Toluene-d8	*99 %*	*77-123*

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

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW13
Prism Sample ID: 2050007-06
Prism Work Order: 2050007
Time Collected: 04/27/12 08:14
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	BRL	ug/L	1.0	0.12	1	6020A	5/9/12 3:49	LTB	P2E0022
Barium	**3.9 J**	**ug/L**	**5.0**	**0.19**	**1**	**6020A**	**5/9/12 3:49**	**LTB**	**P2E0022**
Cadmium	BRL	ug/L	1.0	0.20	1	6020A	5/9/12 3:49	LTB	P2E0022
Chromium	BRL	ug/L	1.0	0.12	1	6020A	5/9/12 3:49	LTB	P2E0022
Lead	**0.24 J**	**ug/L**	**1.0**	**0.13**	**1**	**6020A**	**5/10/12 16:59**	**LTB**	**P2E0022**
Selenium	BRL	ug/L	1.0	0.44	1	6020A	5/9/12 3:49	LTB	P2E0022
Silver	BRL	ug/L	1.0	0.059	1	6020A	5/9/12 3:49	LTB	P2E0022
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	7470A	5/7/12 17:08	MEH	P2E0131
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/4/12 17:35	MGB	P2E0078
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/4/12 17:35	MGB	P2E0078
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/4/12 17:35	MGB	P2E0078
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/4/12 17:35	MGB	P2E0078
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/4/12 17:35	MGB	P2E0078
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/4/12 17:35	MGB	P2E0078
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/4/12 17:35	MGB	P2E0078
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/4/12 17:35	MGB	P2E0078
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/4/12 17:35	MGB	P2E0078
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/4/12 17:35	MGB	P2E0078
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/4/12 17:35	MGB	P2E0078
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 17:35	MGB	P2E0078
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/4/12 17:35	MGB	P2E0078
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/4/12 17:35	MGB	P2E0078
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/4/12 17:35	MGB	P2E0078
Benzene	BRL	ug/L	0.50	0.072	1	8260B	5/4/12 17:35	MGB	P2E0078
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 17:35	MGB	P2E0078
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/4/12 17:35	MGB	P2E0078
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/4/12 17:35	MGB	P2E0078
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/4/12 17:35	MGB	P2E0078
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/4/12 17:35	MGB	P2E0078
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/4/12 17:35	MGB	P2E0078
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/4/12 17:35	MGB	P2E0078
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 17:35	MGB	P2E0078
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/4/12 17:35	MGB	P2E0078
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/4/12 17:35	MGB	P2E0078
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/4/12 17:35	MGB	P2E0078
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/4/12 17:35	MGB	P2E0078
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/4/12 17:35	MGB	P2E0078
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 17:35	MGB	P2E0078
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/4/12 17:35	MGB	P2E0078

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW13
Prism Sample ID: 2050007-06
Prism Work Order: 2050007
Time Collected: 04/27/12 08:14
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/4/12 17:35	MGB	P2E0078
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/4/12 17:35	MGB	P2E0078
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/4/12 17:35	MGB	P2E0078
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	5/4/12 17:35	MGB	P2E0078
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/4/12 17:35	MGB	P2E0078
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/4/12 17:35	MGB	P2E0078
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/4/12 17:35	MGB	P2E0078
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/4/12 17:35	MGB	P2E0078
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/4/12 17:35	MGB	P2E0078
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	5/4/12 17:35	MGB	P2E0078
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/4/12 17:35	MGB	P2E0078
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/4/12 17:35	MGB	P2E0078
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/4/12 17:35	MGB	P2E0078
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	5/4/12 17:35	MGB	P2E0078
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/4/12 17:35	MGB	P2E0078
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/4/12 17:35	MGB	P2E0078
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/4/12 17:35	MGB	P2E0078
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/4/12 17:35	MGB	P2E0078
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	5/4/12 17:35	MGB	P2E0078

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*109 %*	*80-124*
Dibromofluoromethane	*96 %*	*75-129*
Toluene-d8	*98 %*	*77-123*

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW17AR
Prism Sample ID: 2050007-07
Prism Work Order: 2050007
Time Collected: 04/27/12 09:22
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	BRL	ug/L	1.0	0.12	1	6020A	5/9/12 2:24	LTB	P2E0022
Barium	**130**	**ug/L**	**5.0**	**0.19**	**1**	**6020A**	**5/9/12 2:24**	**LTB**	**P2E0022**
Cadmium	BRL	ug/L	1.0	0.20	1	6020A	5/9/12 2:24	LTB	P2E0022
Chromium	BRL	ug/L	1.0	0.12	1	6020A	5/9/12 2:24	LTB	P2E0022
Lead	**1.3**	**ug/L**	**1.0**	**0.13**	**1**	**6020A**	**5/10/12 15:34**	**LTB**	**P2E0022**
Selenium	**0.76 J**	**ug/L**	**1.0**	**0.44**	**1**	**6020A**	**5/9/12 2:24**	**LTB**	**P2E0022**
Silver	BRL	ug/L	1.0	0.059	1	6020A	5/9/12 2:24	LTB	P2E0022
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	7470A	5/7/12 17:20	MEH	P2E0131
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/4/12 18:04	MGB	P2E0078
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/4/12 18:04	MGB	P2E0078
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/4/12 18:04	MGB	P2E0078
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/4/12 18:04	MGB	P2E0078
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/4/12 18:04	MGB	P2E0078
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/4/12 18:04	MGB	P2E0078
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/4/12 18:04	MGB	P2E0078
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/4/12 18:04	MGB	P2E0078
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/4/12 18:04	MGB	P2E0078
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/4/12 18:04	MGB	P2E0078
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/4/12 18:04	MGB	P2E0078
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 18:04	MGB	P2E0078
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/4/12 18:04	MGB	P2E0078
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/4/12 18:04	MGB	P2E0078
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/4/12 18:04	MGB	P2E0078
Benzene	BRL	ug/L	0.50	0.072	1	8260B	5/4/12 18:04	MGB	P2E0078
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 18:04	MGB	P2E0078
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/4/12 18:04	MGB	P2E0078
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/4/12 18:04	MGB	P2E0078
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/4/12 18:04	MGB	P2E0078
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/4/12 18:04	MGB	P2E0078
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/4/12 18:04	MGB	P2E0078
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/4/12 18:04	MGB	P2E0078
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 18:04	MGB	P2E0078
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/4/12 18:04	MGB	P2E0078
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/4/12 18:04	MGB	P2E0078
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/4/12 18:04	MGB	P2E0078
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/4/12 18:04	MGB	P2E0078
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/4/12 18:04	MGB	P2E0078
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 18:04	MGB	P2E0078
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/4/12 18:04	MGB	P2E0078

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW17AR
Prism Sample ID: 2050007-07
Prism Work Order: 2050007
Time Collected: 04/27/12 09:22
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/4/12 18:04	MGB	P2E0078
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/4/12 18:04	MGB	P2E0078
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/4/12 18:04	MGB	P2E0078
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	5/4/12 18:04	MGB	P2E0078
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/4/12 18:04	MGB	P2E0078
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/4/12 18:04	MGB	P2E0078
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/4/12 18:04	MGB	P2E0078
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/4/12 18:04	MGB	P2E0078
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/4/12 18:04	MGB	P2E0078
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	5/4/12 18:04	MGB	P2E0078
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/4/12 18:04	MGB	P2E0078
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/4/12 18:04	MGB	P2E0078
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/4/12 18:04	MGB	P2E0078
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	5/4/12 18:04	MGB	P2E0078
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/4/12 18:04	MGB	P2E0078
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/4/12 18:04	MGB	P2E0078
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/4/12 18:04	MGB	P2E0078
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/4/12 18:04	MGB	P2E0078
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	5/4/12 18:04	MGB	P2E0078

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*107 %*	*80-124*
Dibromofluoromethane	*96 %*	*75-129*
Toluene-d8	*98 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW12
Prism Sample ID: 2050007-08
Prism Work Order: 2050007
Time Collected: 04/27/12 10:34
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	**0.38 J**	**ug/L**	**1.0**	**0.12**	**1**	**6020A**	**5/9/12 3:22**	**LTB**	**P2E0022**
Barium	**15**	**ug/L**	**5.0**	**0.19**	**1**	**6020A**	**5/9/12 3:22**	**LTB**	**P2E0022**
Cadmium	BRL	ug/L	1.0	0.20	1	6020A	5/9/12 3:22	LTB	P2E0022
Chromium	BRL	ug/L	1.0	0.12	1	6020A	5/9/12 3:22	LTB	P2E0022
Lead	**0.64 J**	**ug/L**	**1.0**	**0.13**	**1**	**6020A**	**5/10/12 16:31**	**LTB**	**P2E0022**
Selenium	BRL	ug/L	1.0	0.44	1	6020A	5/9/12 3:22	LTB	P2E0022
Silver	BRL	ug/L	1.0	0.059	1	6020A	5/9/12 3:22	LTB	P2E0022
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	7470A	5/7/12 17:23	MEH	P2E0131
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/4/12 18:33	MGB	P2E0078
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/4/12 18:33	MGB	P2E0078
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/4/12 18:33	MGB	P2E0078
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/4/12 18:33	MGB	P2E0078
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/4/12 18:33	MGB	P2E0078
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/4/12 18:33	MGB	P2E0078
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/4/12 18:33	MGB	P2E0078
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/4/12 18:33	MGB	P2E0078
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/4/12 18:33	MGB	P2E0078
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/4/12 18:33	MGB	P2E0078
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/4/12 18:33	MGB	P2E0078
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 18:33	MGB	P2E0078
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/4/12 18:33	MGB	P2E0078
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/4/12 18:33	MGB	P2E0078
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/4/12 18:33	MGB	P2E0078
Benzene	BRL	ug/L	0.50	0.072	1	8260B	5/4/12 18:33	MGB	P2E0078
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 18:33	MGB	P2E0078
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/4/12 18:33	MGB	P2E0078
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/4/12 18:33	MGB	P2E0078
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/4/12 18:33	MGB	P2E0078
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/4/12 18:33	MGB	P2E0078
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/4/12 18:33	MGB	P2E0078
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/4/12 18:33	MGB	P2E0078
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 18:33	MGB	P2E0078
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/4/12 18:33	MGB	P2E0078
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/4/12 18:33	MGB	P2E0078
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/4/12 18:33	MGB	P2E0078
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/4/12 18:33	MGB	P2E0078
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/4/12 18:33	MGB	P2E0078
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 18:33	MGB	P2E0078
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/4/12 18:33	MGB	P2E0078

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW12
Prism Sample ID: 2050007-08
Prism Work Order: 2050007
Time Collected: 04/27/12 10:34
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/4/12 18:33	MGB	P2E0078
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/4/12 18:33	MGB	P2E0078
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/4/12 18:33	MGB	P2E0078
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	5/4/12 18:33	MGB	P2E0078
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/4/12 18:33	MGB	P2E0078
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/4/12 18:33	MGB	P2E0078
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/4/12 18:33	MGB	P2E0078
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/4/12 18:33	MGB	P2E0078
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/4/12 18:33	MGB	P2E0078
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	5/4/12 18:33	MGB	P2E0078
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/4/12 18:33	MGB	P2E0078
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/4/12 18:33	MGB	P2E0078
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/4/12 18:33	MGB	P2E0078
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	5/4/12 18:33	MGB	P2E0078
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/4/12 18:33	MGB	P2E0078
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/4/12 18:33	MGB	P2E0078
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/4/12 18:33	MGB	P2E0078
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/4/12 18:33	MGB	P2E0078
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	5/4/12 18:33	MGB	P2E0078

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*108 %*	*80-124*
Dibromofluoromethane	*97 %*	*75-129*
Toluene-d8	*98 %*	*77-123*

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Laboratory Report

05/15/2012

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-SW1 EXP.
Prism Sample ID: 2050007-09
Prism Work Order: 2050007
Time Collected: 04/27/12 10:22
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	**0.23 J**	**ug/L**	**1.0**	**0.12**	**1**	**6020A**	**5/9/12 2:11**	**LTB**	**P2E0022**
Barium	**21**	**ug/L**	**5.0**	**0.19**	**1**	**6020A**	**5/9/12 2:11**	**LTB**	**P2E0022**
Cadmium	**0.31 J**	**ug/L**	**1.0**	**0.20**	**1**	**6020A**	**5/9/12 2:11**	**LTB**	**P2E0022**
Chromium	BRL	ug/L	1.0	0.12	1	6020A	5/9/12 2:11	LTB	P2E0022
Lead	**0.95 J**	**ug/L**	**1.0**	**0.13**	**1**	**6020A**	**5/10/12 15:21**	**LTB**	**P2E0022**
Selenium	**1.1**	**ug/L**	**1.0**	**0.44**	**1**	**6020A**	**5/9/12 2:11**	**LTB**	**P2E0022**
Silver	**0.22 J**	**ug/L**	**1.0**	**0.059**	**1**	**6020A**	**5/9/12 2:11**	**LTB**	**P2E0022**
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	7470A	5/7/12 17:27	MEH	P2E0131
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/4/12 19:02	MGB	P2E0078
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/4/12 19:02	MGB	P2E0078
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/4/12 19:02	MGB	P2E0078
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/4/12 19:02	MGB	P2E0078
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/4/12 19:02	MGB	P2E0078
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/4/12 19:02	MGB	P2E0078
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/4/12 19:02	MGB	P2E0078
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/4/12 19:02	MGB	P2E0078
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/4/12 19:02	MGB	P2E0078
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/4/12 19:02	MGB	P2E0078
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/4/12 19:02	MGB	P2E0078
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 19:02	MGB	P2E0078
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/4/12 19:02	MGB	P2E0078
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/4/12 19:02	MGB	P2E0078
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/4/12 19:02	MGB	P2E0078
Benzene	BRL	ug/L	0.50	0.072	1	8260B	5/4/12 19:02	MGB	P2E0078
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 19:02	MGB	P2E0078
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/4/12 19:02	MGB	P2E0078
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/4/12 19:02	MGB	P2E0078
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/4/12 19:02	MGB	P2E0078
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/4/12 19:02	MGB	P2E0078
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/4/12 19:02	MGB	P2E0078
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/4/12 19:02	MGB	P2E0078
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 19:02	MGB	P2E0078
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/4/12 19:02	MGB	P2E0078
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/4/12 19:02	MGB	P2E0078
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/4/12 19:02	MGB	P2E0078
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/4/12 19:02	MGB	P2E0078
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/4/12 19:02	MGB	P2E0078
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 19:02	MGB	P2E0078
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/4/12 19:02	MGB	P2E0078

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

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-SW1 EXP.
Prism Sample ID: 2050007-09
Prism Work Order: 2050007
Time Collected: 04/27/12 10:22
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/4/12 19:02	MGB	P2E0078
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/4/12 19:02	MGB	P2E0078
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/4/12 19:02	MGB	P2E0078
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	5/4/12 19:02	MGB	P2E0078
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/4/12 19:02	MGB	P2E0078
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/4/12 19:02	MGB	P2E0078
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/4/12 19:02	MGB	P2E0078
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/4/12 19:02	MGB	P2E0078
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/4/12 19:02	MGB	P2E0078
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	5/4/12 19:02	MGB	P2E0078
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/4/12 19:02	MGB	P2E0078
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/4/12 19:02	MGB	P2E0078
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/4/12 19:02	MGB	P2E0078
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	5/4/12 19:02	MGB	P2E0078
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/4/12 19:02	MGB	P2E0078
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/4/12 19:02	MGB	P2E0078
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/4/12 19:02	MGB	P2E0078
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/4/12 19:02	MGB	P2E0078
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	5/4/12 19:02	MGB	P2E0078

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*110 %*	*80-124*
Dibromofluoromethane	*97 %*	*75-129*
Toluene-d8	*98 %*	*77-123*

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-Trip Blank
Prism Sample ID: 2050007-10
Prism Work Order: 2050007
Time Collected: 04/26/12 00:00
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/4/12 15:06	MGB	P2E0078
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/4/12 15:06	MGB	P2E0078
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/4/12 15:06	MGB	P2E0078
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/4/12 15:06	MGB	P2E0078
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/4/12 15:06	MGB	P2E0078
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/4/12 15:06	MGB	P2E0078
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/4/12 15:06	MGB	P2E0078
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/4/12 15:06	MGB	P2E0078
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/4/12 15:06	MGB	P2E0078
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/4/12 15:06	MGB	P2E0078
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/4/12 15:06	MGB	P2E0078
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 15:06	MGB	P2E0078
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/4/12 15:06	MGB	P2E0078
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/4/12 15:06	MGB	P2E0078
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/4/12 15:06	MGB	P2E0078
Benzene	BRL	ug/L	0.50	0.072	1	8260B	5/4/12 15:06	MGB	P2E0078
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 15:06	MGB	P2E0078
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/4/12 15:06	MGB	P2E0078
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/4/12 15:06	MGB	P2E0078
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/4/12 15:06	MGB	P2E0078
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/4/12 15:06	MGB	P2E0078
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/4/12 15:06	MGB	P2E0078
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/4/12 15:06	MGB	P2E0078
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 15:06	MGB	P2E0078
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/4/12 15:06	MGB	P2E0078
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/4/12 15:06	MGB	P2E0078
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/4/12 15:06	MGB	P2E0078
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/4/12 15:06	MGB	P2E0078
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/4/12 15:06	MGB	P2E0078
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/4/12 15:06	MGB	P2E0078
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/4/12 15:06	MGB	P2E0078
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/4/12 15:06	MGB	P2E0078
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/4/12 15:06	MGB	P2E0078
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/4/12 15:06	MGB	P2E0078
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	5/4/12 15:06	MGB	P2E0078
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/4/12 15:06	MGB	P2E0078
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/4/12 15:06	MGB	P2E0078
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/4/12 15:06	MGB	P2E0078
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/4/12 15:06	MGB	P2E0078
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/4/12 15:06	MGB	P2E0078
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	5/4/12 15:06	MGB	P2E0078
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/4/12 15:06	MGB	P2E0078

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-Trip Blank
Prism Sample ID: 2050007-10
Prism Work Order: 2050007
Time Collected: 04/26/12 00:00
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/4/12 15:06	MGB	P2E0078
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/4/12 15:06	MGB	P2E0078
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	5/4/12 15:06	MGB	P2E0078
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/4/12 15:06	MGB	P2E0078
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/4/12 15:06	MGB	P2E0078
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/4/12 15:06	MGB	P2E0078
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/4/12 15:06	MGB	P2E0078
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	5/4/12 15:06	MGB	P2E0078

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*108 %*	*80-124*
Dibromofluoromethane	*97 %*	*75-129*
Toluene-d8	*98 %*	*77-123*

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

Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 2050007
Time Submitted: 4/27/2012 6:05:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2E0078 - 5030B										
Blank (P2E0078-BLK1)				Prepared: 05/03/12 Analyzed: 05/04/12						
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	0.620	5.0	ug/L							J
Acrylonitrile	BRL	20	ug/L							
Benzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Ethylbenzene	BRL	0.50	ug/L							
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Iodide	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	5.0	ug/L							
Methylene Chloride	BRL	1.0	ug/L							
o-Xylene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Tetrahydrofuran	BRL	10	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
trans-1,4-Dichloro-2-butene	BRL	10	ug/L							
Trichloroethylene	BRL	0.50	ug/L							

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

Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 2050007
Time Submitted: 4/27/2012 6:05:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2E0078 - 5030B										
Blank (P2E0078-BLK1)				Prepared: 05/03/12		Analyzed: 05/04/12				
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	*27.1*		*ug/L*	*25.00*		*108*	*80-124*			
Surrogate: Dibromofluoromethane	*23.8*		*ug/L*	*25.00*		*95*	*75-129*			
Surrogate: Toluene-d8	*24.3*		*ug/L*	*25.00*		*97*	*77-123*			
LCS (P2E0078-BS1)				Prepared: 05/03/12		Analyzed: 05/04/12				
1,1-Dichloroethylene	18.2	0.50	ug/L	20.00		91	70-154			
Benzene	18.9	0.50	ug/L	20.00		94	77-128			
Chlorobenzene	18.8	0.50	ug/L	20.00		94	78-119			
Tetrahydrofuran	17.8	10	ug/L	20.00		89	70-130			
Toluene	18.6	0.50	ug/L	20.00		93	76-131			
Trichloroethylene	18.6	0.50	ug/L	20.00		93	77-133			
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	*23.8*		*ug/L*	*25.00*		*95*	*77-123*			
LCS Dup (P2E0078-BSD1)				Prepared: 05/03/12		Analyzed: 05/04/12				
1,1-Dichloroethylene	19.2	0.50	ug/L	20.00		96	70-154	5	200	
Benzene	19.7	0.50	ug/L	20.00		98	77-128	4	200	
Chlorobenzene	19.4	0.50	ug/L	20.00		97	78-119	3	200	
Tetrahydrofuran	17.7	10	ug/L	20.00		89	70-130	0.5	200	
Toluene	19.2	0.50	ug/L	20.00		96	76-131	3	200	
Trichloroethylene	19.3	0.50	ug/L	20.00		96	77-133	4	200	
Surrogate: 4-Bromofluorobenzene	*25.7*		*ug/L*	*25.00*		*103*	*80-124*			
Surrogate: Dibromofluoromethane	*24.7*		*ug/L*	*25.00*		*99*	*75-129*			
Surrogate: Toluene-d8	*24.1*		*ug/L*	*25.00*		*96*	*77-123*			

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

Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 2050007
Time Submitted: 4/27/2012 6:05:00PM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2E0131 - 7470A										
Blank (P2E0131-BLK1)				Prepared & Analyzed: 05/07/12						
Mercury	0.0691	0.20	ug/L							J
LCS (P2E0131-BS1)				Prepared & Analyzed: 05/07/12						
Mercury	9.56	0.20	ug/L	9.375		102	80-120			
Matrix Spike (P2E0131-MS1)		**Source: 2050007-01**		Prepared & Analyzed: 05/07/12						
Mercury	9.18	0.20	ug/L	9.375	BRL	98	80-120			
Matrix Spike Dup (P2E0131-MSD1)		**Source: 2050007-01**		Prepared & Analyzed: 05/07/12						
Mercury	9.10	0.20	ug/L	9.375	BRL	97	80-120	0.9	20	

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

Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 2050007
Time Submitted: 4/27/2012 6:05:00PM

3030C Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2E0022 - SM3030 C										
Blank (P2E0022-BLK1)				Prepared: 04/28/12	Analyzed: 05/09/12					
Arsenic	BRL	1.0	ug/L							
Barium	0.408	5.0	ug/L							J
Cadmium	BRL	1.0	ug/L							
Chromium	BRL	1.0	ug/L							
Lead	BRL	1.0	ug/L							
Selenium	BRL	1.0	ug/L							
Silver	0.0590	1.0	ug/L							J
LCS (P2E0022-BS1)				Prepared: 04/28/12	Analyzed: 05/09/12					
Arsenic	248	1.0	ug/L	250.0		99	80-120			
Barium	237	5.0	ug/L	250.0		95	80-120			
Cadmium	258	1.0	ug/L	250.0		103	80-120			
Chromium	252	1.0	ug/L	250.0		101	80-120			
Lead	237	1.0	ug/L	250.0		95	80-120			
Selenium	258	1.0	ug/L	250.0		103	80-120			
Silver	243	1.0	ug/L	250.0		97	80-120			

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Sample Extraction Data

Prep Method: SM3030 C

Lab Number	Batch	Initial	Final	Date/Time
2050007-01	P2E0022	50 mL	50 mL	04/28/12 10:00
2050007-01	P2E0022	50 mL	50 mL	04/28/12 10:00
2050007-02	P2E0022	50 mL	50 mL	04/28/12 10:00
2050007-02	P2E0022	50 mL	50 mL	04/28/12 10:00
2050007-03	P2E0022	50 mL	50 mL	04/28/12 10:00
2050007-03	P2E0022	50 mL	50 mL	04/28/12 10:00
2050007-04	P2E0022	50 mL	50 mL	04/28/12 10:00
2050007-04	P2E0022	50 mL	50 mL	04/28/12 10:00
2050007-05	P2E0022	50 mL	50 mL	04/28/12 10:00
2050007-05	P2E0022	50 mL	50 mL	04/28/12 10:00
2050007-06	P2E0022	50 mL	50 mL	04/28/12 10:00
2050007-06	P2E0022	50 mL	50 mL	04/28/12 10:00
2050007-07	P2E0022	50 mL	50 mL	04/28/12 10:00
2050007-07	P2E0022	50 mL	50 mL	04/28/12 10:00
2050007-08	P2E0022	50 mL	50 mL	04/28/12 10:00
2050007-08	P2E0022	50 mL	50 mL	04/28/12 10:00
2050007-09	P2E0022	50 mL	50 mL	04/28/12 10:00
2050007-09	P2E0022	50 mL	50 mL	04/28/12 10:00

Prep Method: 7470A

Lab Number	Batch	Initial	Final	Date/Time
2050007-01	P2E0131	20 mL	30 mL	05/07/12 10:30
2050007-02	P2E0131	20 mL	30 mL	05/07/12 10:30
2050007-03	P2E0131	20 mL	30 mL	05/07/12 10:30
2050007-04	P2E0131	20 mL	30 mL	05/07/12 10:30
2050007-05	P2E0131	20 mL	30 mL	05/07/12 10:30
2050007-06	P2E0131	20 mL	30 mL	05/07/12 10:30
2050007-07	P2E0131	20 mL	30 mL	05/07/12 10:30
2050007-08	P2E0131	20 mL	30 mL	05/07/12 10:30
2050007-09	P2E0131	20 mL	30 mL	05/07/12 10:30

Prep Method: 5030B

Lab Number	Batch	Initial	Final	Date/Time
2050007-01	P2E0078	10 mL	10 mL	05/03/12 16:40
2050007-02	P2E0078	10 mL	10 mL	05/03/12 16:40
2050007-03	P2E0078	10 mL	10 mL	05/03/12 16:40
2050007-04	P2E0078	10 mL	10 mL	05/03/12 16:40
2050007-05	P2E0078	10 mL	10 mL	05/03/12 16:40
2050007-06	P2E0078	10 mL	10 mL	05/03/12 16:40
2050007-07	P2E0078	10 mL	10 mL	05/03/12 16:40
2050007-08	P2E0078	10 mL	10 mL	05/03/12 16:40
2050007-09	P2E0078	10 mL	10 mL	05/03/12 16:40
2050007-10	P2E0078	10 mL	10 mL	05/03/12 16:40

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CHAIN OF CUSTODY RECORD

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

Client Company Name: BRIAN S. BOUTIN, PG
Report To/Contact Name: SAME
Reporting Address: 1112 BRANDING IRON PLACE WENDELL, NC 27591
Phone: (919) 361-3663 Fax (Yes) (No): _____
Email (Yes) (No) Email Address _____
EDD Type: PDF____ Excel____ Other_____
Site Location Name: CENTRAL CAROLINA TIRE
Site Location Physical Address: CAMERON, NC PERMIT #4304

Project Name: CENTRAL CAROLINA TIRE
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: BRIAN S. BOUTIN, PG
Address: SAME

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

LAB USE ONLY

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

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC____ USACE____ FL____ NC X
SC____ OTHER _____ N/A _____
Water Chlorinated: YES___ NO X
Sample Iced Upon Collection: YES X NO ___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	ANALYSES REQUESTED: APP-I VOCs 8260	APP-I (RCRA METALS 6020)					REMARKS	PRISM LAB ID NO.
4304-MW10	4/26/12	0844	GW	VOA/PL	3/1	40mL/250mL	HCL/HNO3	X	X						ϕ1
4304-MW16		0932													ϕ2
4304-MW11		1024													ϕ3
4304-MW18		1124													ϕ4
4304-MW14	4/26/12	1254													ϕ5
4304-MW13	4/27/12	0814													ϕ6
4304-MW17AR		~~1722~~ 922	Per Jeff Leaver												ϕ7
4304-MW12		1034													ϕ8
4304-SW1 EXP.		1022	SW												ϕ9
Trip Blank	4/26/12														10

Sampler's Signature: Jeff Leaver
Sampled By (Print Name): JEFF LEAVER
Affiliation: EFM

PRESS DOWN FIRMLY - 3 COPIES

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

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

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
☐ Fed Ex ☐ UPS ☐ Hand-delivered ☒ Prism Field Service ☐ Other _____
COC Group No. ~~2456~~ 4/5/12

2ϕ5ϕϕϕ7

Additional Comments:

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

SEE REVERSE FOR TERMS & CONDITIONS

ORIGINAL

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

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