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: nautilusgeocon@gmail.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Central Carolina Tire Monofill Landfill Phases I/II (Closed)	1616 McKoy Town Road Cameron, Harnett County, NC	43-04	.0500	October 16, 2013

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 — 11/26/2013 Date — Affix NC Licensed/ Professional Geologist Seal

NORTH CAROLINA LICENSED SEAL 1208 GEOLOGIST BRIAN S. BOUTIN

11112 Branding Iron Place, Wendell, NC 27591

Facility Representative Address

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

Revised 6/2009

Explanatory Text for Notification Table
Central Carolina Tire Monofill Landfill
Cameron, Harnett, NC
Permit # 43-04
October 16, 2013 Water Quality Monitoring

The results of the October 16, 2013 groundwater and surface water quality monitoring conducted at the Central Carolina Tire Monofill Landfill Phase I/II are generally consistent with the results of previous monitoring conducted at the site. No RCRA metals were reported in any of the groundwater or surface water samples at concentrations that exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards or the 15A NCAC 2B surface water quality standards. No Appendix I VOCs were reported in surface water samples SW-1 and SW-2. The results of the analyses of the groundwater samples for Appendix I VOCs are generally consistent with the historical site data. It is noted that the level of PCE reported at MW-8 exceeds the corresponding 15A NCAC 2L .0202 groundwater quality standards. None of the other VOCs reported in the groundwater samples were detected at concentrations that exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards.

The results of a preliminary site assessment conducted in November 2010, as well as Phase 2 and 3 site assessments conducted in April and May 2012 and April 2013, respectively, indicate that the source of PCE in groundwater at MW-8 is unrelated to the Phase I/II landfill and is located in the vicinity of the maintenance shelter located north of MW-8. The results of the preliminary site assessment are reported in the January 2011 *Preliminary Site Assessment Report*, the results of the second phase of assessment are reported in the June 2012 *Phase 2 Hydrogeologic and Groundwater Quality Assessment Report*, and the results of the third phase of assessment are reported in the May 2013 *Phase 3 Hydrogeologic and Groundwater Quality Assessment Report*, all of which were previously submitted to the NCDENR Solid Waste Section.

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November 25, 2013

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

RE: Report of Results
Semi-Annual Groundwater and Surface Water Monitoring: October 2013
Central Carolina Tire Monofill Landfill Phase I/II
Cameron, Harnett County, NC
Permit # 43-04

Dear Ms. Werner:

This report presents the results of semi-annual groundwater and surface water quality monitoring conducted at the landfill site referenced above (**Figure 1**) on October 16, 2013. The scope of work performed included sampling and laboratory analysis of groundwater samples from eight on-site monitoring wells (MW-2 through MW-9) and surface water samples from two on-site locations (SW-1 and SW-2). The groundwater and surface water samples were collected in accordance with the NCDENR, Division of Waste Management (DWM), Solid Waste Section (SWS) Groundwater Monitoring Guidance Document and the facility Water Quality Monitoring Plan. The sampling and data collection methods, as well as the current and historical results of field and laboratory testing of the water samples, are presented in the following sections.

1.0 POTENTIOMETRIC PATTERN AND GROUNDWATER FLOW

Groundwater levels were gauged in the site groundwater monitoring wells on October 16, 2013 as part of the site monitoring. Depths to groundwater were measured using an electronic water level 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

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elevation data collected at the monitoring wells on October 16, 2013 are presented in **Table 1**. The depth to groundwater across the site, relative to the top of the PVC casing of the monitoring wells, ranged from 4.41 feet at MW-4 to 22.59 feet at MW-9, which is consistent with the surface topography.

A water-table elevation contour map that was developed based on the October 16, 2013 groundwater-gauging data for the Type II monitoring wells is presented as **Figure 3**. The pattern of the water-table contours indicates that the horizontal component of shallow groundwater flow at the site is generally to the east-southeast, which is consistent with the surface topography and drainage features at the site. The average hydraulic gradient of the water table, based on the data depicted in **Figure 3**, ranges from approximately 0.046 ft/ft in west-southwest portion of the site to approximately 0.025 ft/ft in the east-northeast portion of the site.

2.0 RESULTS OF GROUNDWATER AND SURFACE WATER SAMPLING AND ANALYSIS

Groundwater samples were collected from the site monitoring wells and surface water samples were collected from two on-site locations on October 16, 2013 for laboratory analysis to monitor the quality of groundwater and surface water at the site. The groundwater and surface water samples were collected and handled in accordance with the sampling protocols included in the site Water Quality Monitoring Plan as well as the SWS Groundwater Monitoring Guidance Document. It is noted that monitoring well MW-9 serves as the upgradient, natural background well for the facility, and monitoring wells MW-2 through MW-7 serve as the downgradient monitoring wells. Monitoring well MW-8 is located immediately north of the landfill. Based on its location relative to the groundwater elevation contours, MW-8 is located hydraulically cross-gradient to the northern-most area of the landfill and hydraulically upgradient of most of the landfill area. All reusable sampling equipment was properly decontaminated between sampling locations with a non-phosphate soap and water wash, followed by multiple rinses with distilled water. New disposable nitrile or latex gloves were worn during all sampling activities. Disposable sampling equipment/material was discarded after each use.

Prior to groundwater sampling, all monitoring wells were purged using pre-cleaned Teflon-lined disposable polyethylene tubing connected to a peristaltic pump under low flow conditions. During purging, measurements were made in the field of the pH, temperature, specific conductance and turbidity of the groundwater collected from the monitoring wells, in accordance with SWS requirements. The results of the field analyses of these parameters are presented in **Table 1**. Copies of Groundwater Sampling Forms containing pertinent information recorded in

the field during purging and sampling at each groundwater monitoring well are presented in **Appendix A**. The results of the field-measured water-quality parameters indicate that the values measured in groundwater collected from the site monitoring wells were generally within the applicable stabilization criteria (see Groundwater Sampling Forms). Groundwater at the site is acidic based on the pH values measured in the field (4.24 to 5.39). Specific conductance values ranged from 87 (MW-8) to 637 (MW-9) μS/cm. Turbidity values ranged from 0.8 (MW-9) to 9.3 (MW-7) NTUs.

Surface water samples were collected from locations SW-1 and SW-2. The sampling locations are depicted in **Figure 2**. SW-1 is located approximately 140-feet south-southeast of the south-central sedimentation pond and within the drainage feature that parallels the southern limits of scrap tire disposal within the Phase I/II landfill. SW-2 is located approximately 250-feet south-southeast of the southeastern sedimentation pond and within the primary drainage feature that parallels the eastern limits of the Phase I/II landfill. The surface water samples from SW-1 and SW-2 were collected in accordance with the protocol presented in the SWS Groundwater Monitoring Guidance Document.

All groundwater and surface water samples were analyzed at a North Carolina-certified laboratory for Appendix I volatile organic compounds (VOCs) by SW 846 Method 8260 and the 8 RCRA metals by EPA 6000/7000 series methods. Summarized results of laboratory analyses for groundwater and surface water samples collected from the site on October 16, 2013 are presented in **Table 2**. Summarized historical groundwater and surface water quality data for the site are presented in **Table 3**. Copies of the original laboratory reports are included in **Appendix B**.

The laboratory analytical results for surface water samples SW-1 and SW-2 indicate that no VOCs were reported in either sample. Low levels of several RCRA metals were reported in both surface water samples. It is noted that none of the reported concentrations of metals in the surface water samples exceed the corresponding 15A NCAC 2B surface water quality standards.

The laboratory analytical results for the groundwater samples collected from the site monitoring wells on October 16, 2013 indicate that low levels of benzene were reported in the groundwater samples collected from monitoring wells MW-4 and MW-7 and a trace level of 4-methyl-2-pentanone (methyl isobutyl ketone) was reported in the groundwater sample collected from MW-4. In addition, a trace level of cis-1,2-dichloroethene was reported in the groundwater sample collected from monitoring well MW-3. The levels reported for these VOCs in groundwater are below the corresponding 15A NCAC 2L .0202 groundwater quality standards.

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Tetrachloroethene (PCE) was reported at a concentration of 4.0 µg/L in the groundwater sample collected from MW-8, which exceeds the 15A NCAC 2L .0202 groundwater quality standard of 0.70 µg/L. It is noted that the results of a preliminary site assessment conducted in November 2010, as well as Phase 2 and 3 site assessments conducted in April and May 2012 and April 2013, respectively, indicate that the source of PCE in groundwater at MW-8 is unrelated to the Phase I/II landfill and is located in the vicinity of the maintenance shelter located north of MW-8. Assessment of the cause, extent and magnitude of PCE in groundwater is ongoing.

The results of the metals analyses of the groundwater samples indicate that arsenic was reported in five of the samples, barium, cadmium and lead were reported in all of the samples, chromium and silver were not reported in any of the groundwater samples, mercury was reported in one sample, and selenium was reported in six samples. None of the reported concentrations of the metals in the groundwater samples exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards.

3.0 CONCLUSIONS AND RECOMMENDATIONS

The results of the October 16, 2013 groundwater and surface water quality monitoring conducted at the Central Carolina Tire Monofill Landfill Phase I/II are generally consistent with the results of previous monitoring conducted at the site. No RCRA metals were reported in any of the groundwater or surface water samples at concentrations that exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards or the 15A NCAC 2B surface water quality standards. No Appendix I VOCs were reported in surface water samples SW-1 and SW-2. The results of the analyses of the groundwater samples for Appendix I VOCs are generally consistent with the historical data presented in **Table 3**. It is noted that the level of PCE reported at MW-8 exceeds the corresponding 15A NCAC 2L .0202 groundwater quality standards. None of the other VOCs reported in the groundwater samples were detected at concentrations that exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards.

The results of a preliminary site assessment conducted in November 2010, as well as Phase 2 and 3 site assessments conducted in April and May 2012 and April 2013, respectively, indicate that the source of PCE in groundwater at MW-8 is unrelated to the Phase I/II landfill and is located in the vicinity of the maintenance shelter located north of MW-8. The results of the preliminary site assessment are reported in the January 2011 *Preliminary Site Assessment Report*, the results of the second phase of assessment are reported in the June 2012 *Phase 2 Hydrogeologic and Groundwater Quality Assessment Report*, and the results of the third phase of assessment are

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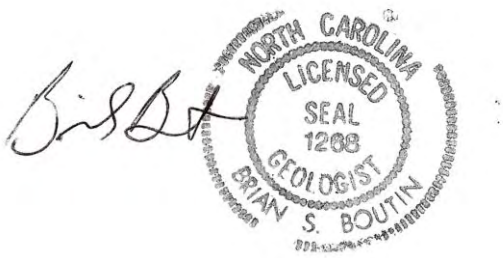
reported in the May 2013 *Phase 3 Hydrogeologic and Groundwater Quality Assessment Report*, all of which were previously submitted to the NCDENR Solid Waste Section.

If you have any questions or require further assistance regarding this report, please call me at 919-995-0363. The next water quality monitoring event for the Central Carolina Tire Monofill Landfill is scheduled for April 2014.

Sincerely,



Brian S. Boutin, P.G.
Consulting Geologist

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

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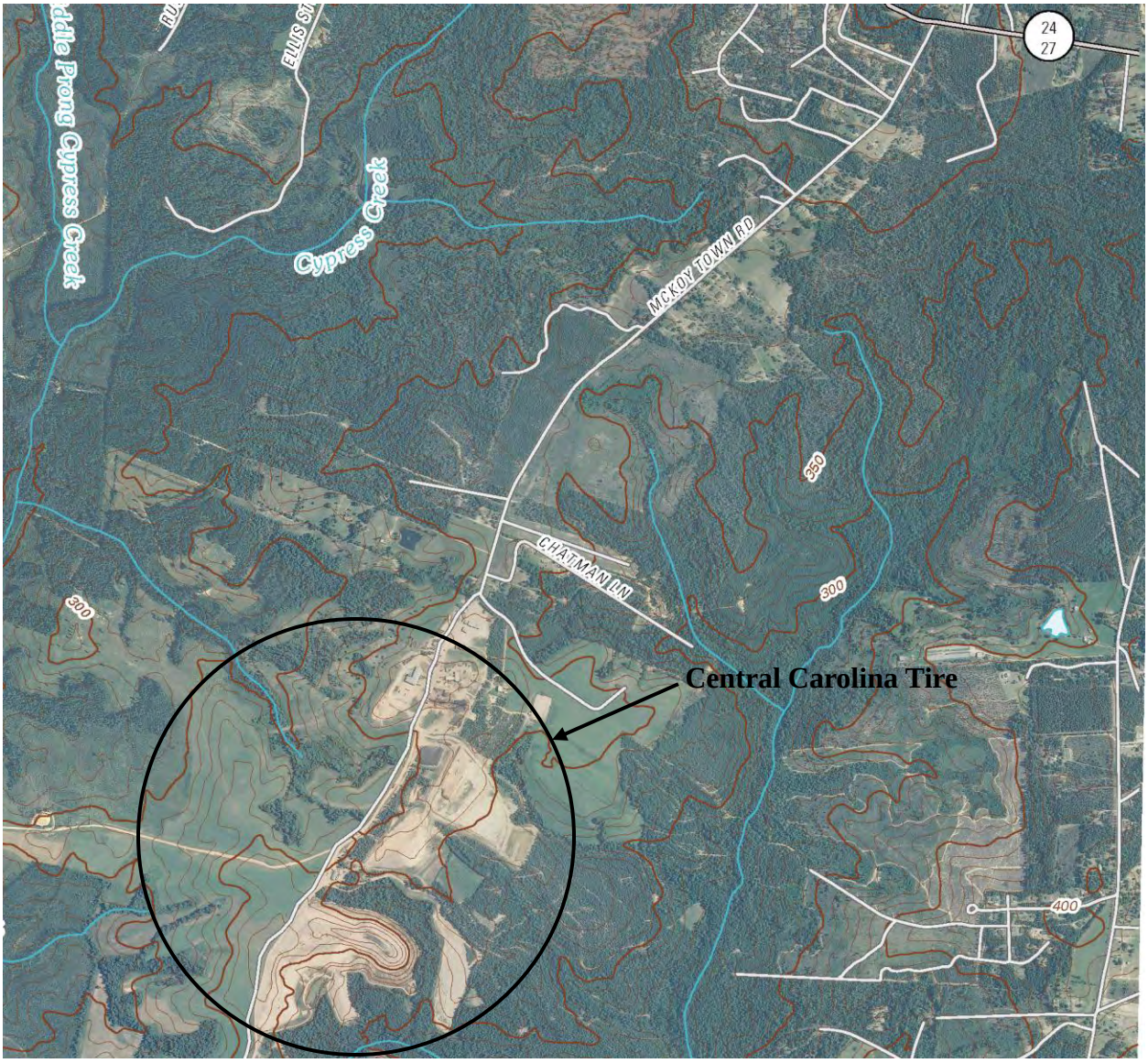

N

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

Nautilus Geologic Consulting, PLLC
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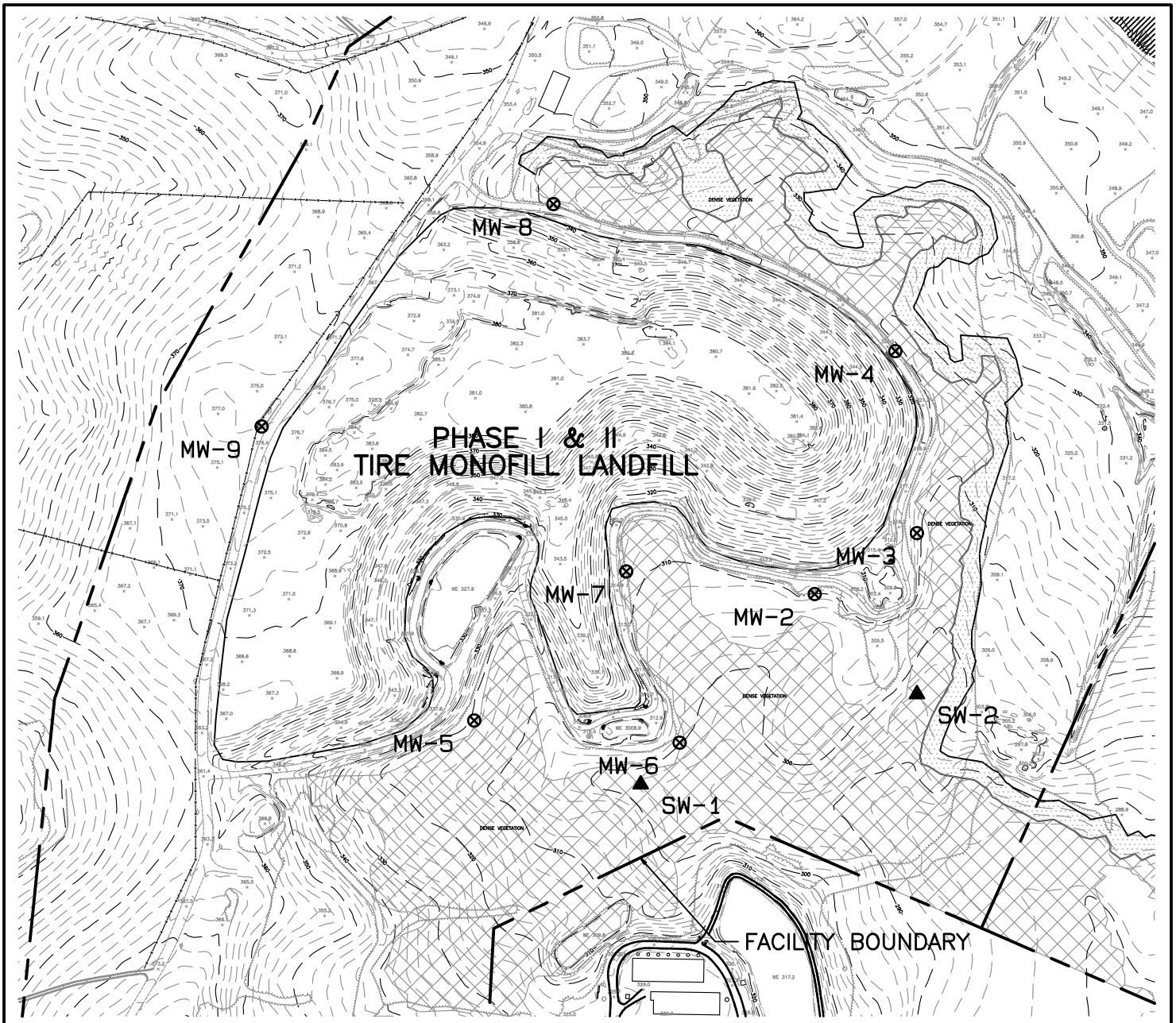
SITE LOCATION MAP

Central Carolina Tire Monofill Landfill
Harnett County, North Carolina

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



LEGEND

⊗ MW-9 GROUNDWATER MONITORING WELL

▲ SW-1 SURFACE WATER MONITORING LOCATION

WETLANDS

-N-

GRAPHIC SCALE 1"=400'

0 400 800 1200

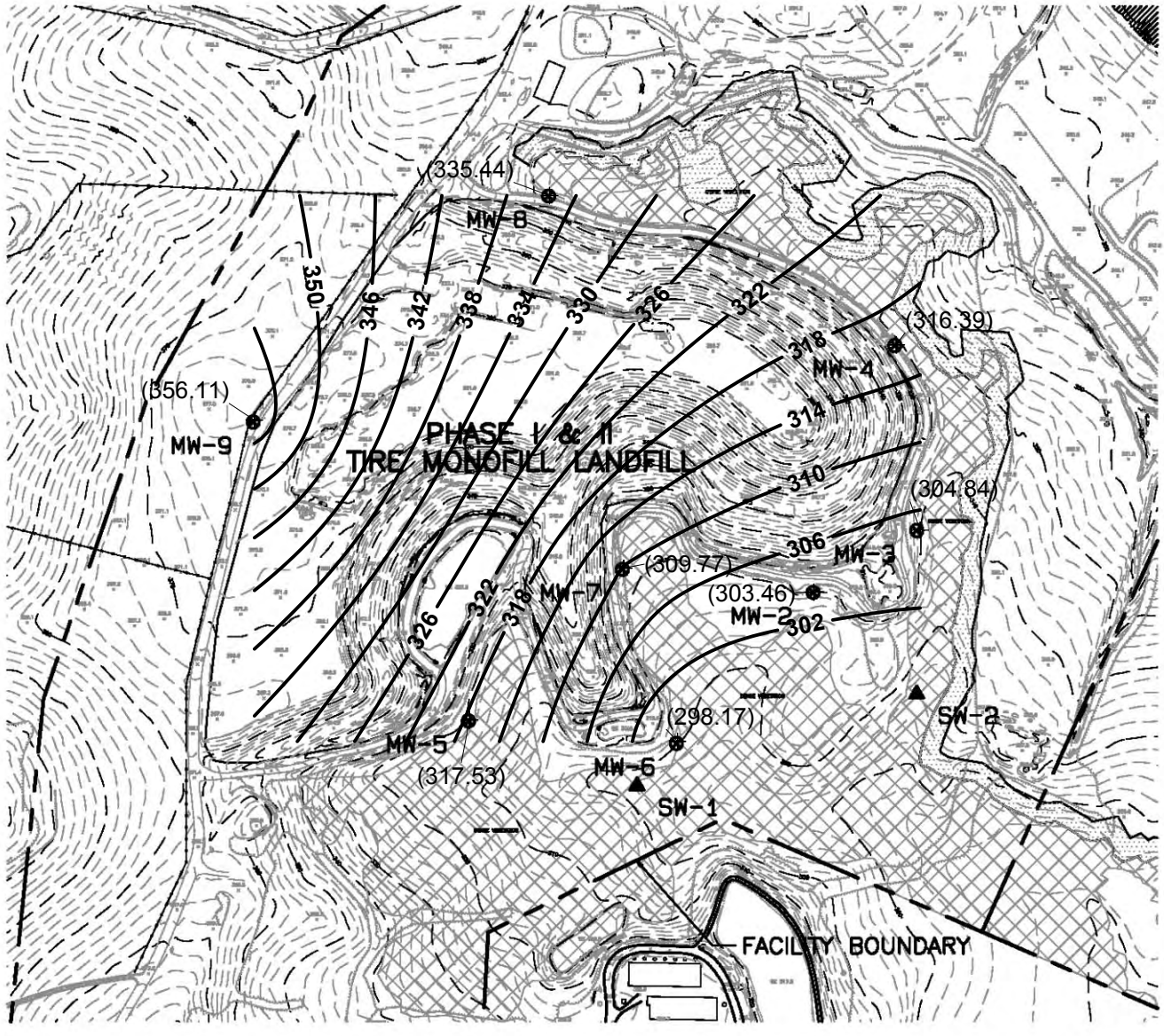
GARRETT & MOORE
Engineering for the Power and Waste Industries

CENTRAL CAROLINA TIRE PHASE I & II SITE MAP

JOB

FIG 2

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



LEGEND

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

-N-

GRAPHIC SCALE 1"=400'

0 400 800 1200

Nautilus Geologic Consulting, PLLC

Central Carolina Tire Phase I & II
Water Table Elevation Contour Map
October 16, 2013

JOB

FIG 3

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

Table 1
Monitoring Well and Groundwater Data
October 2013 Sampling Event
October 16, 2013
Central Carolina Tire Monofill Landfill Phase I/II
Harnett County, North Carolina
Permit # 43-04

Well Identity	Well Depth (Feet BGS)	Well Diameter (Inches)	Top of Casing Elevation (Feet MSL)	Depth to Groundwater (Feet BTOC)	Groundwater Elevation (Feet MSL)	Field Parameters			
						Temp. C^{o}	pH	S.C. umhos/cm	Turbidity (ntu)
MW-2	20.0	2.0	309.30	5.84	303.46	18.7	4.66	102	7.4
MW-3	20.0	2.0	315.20	10.36	304.84	18.9	4.59	129	8
MW-4	20.0	2.0	320.80	4.41	316.39	19.7	5.26	135	6.5
MW-5	20.0	2.0	322.40	4.87	317.53	18.8	5.14	113	4.5
MW-6	25.0	2.0	305.10	6.93	298.17	18.7	5.39	182	7.8
MW-7	20.0	2.0	315.80	6.03	309.77	19.4	4.29	94	9.3
MW-8	20.0	2.0	342.80	7.36	335.44	18.9	4.24	87	5.7
MW-9	30.0	2.0	378.70	22.59	356.11	20.2	4.51	637	0.8

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

Table 2
Laboratory Results for Surface Water and Groundwater Samples
October 2013 Sampling Event
October 16, 2013
Central Carolina Tire Monofill Landfill Phase I/II, Harnett County, NC
Permit # 43-04

ORGANIC CONSTITUENTS (ug/L)	SW-1	SW-2	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	GWP Std (ug/L)	NCAC 2L STD (ug/L)
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	6000
Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE
Benzene	ND	ND	ND	ND	0.77	ND	ND	0.61	ND	ND	NE	1
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	NE
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.6
Bromoform (Tribromoethane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	4
Bromomethane (Methyl Bromide)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	10
2-Butanone (MEK), (Methyl Ethyl Ketone)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	4000
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	700
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.3
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	50
Chloroethane (Ethyl Chloride)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	3000
Chloroform (Trichloromethane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	70
1,2-Dibromo-3-Chloropropane (DBCP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.04
Dibromochloromethane (Chlorodibromomethane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.41	0.4
1,2,-Dibromoethane (Ethylene Dibromide)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.02
Dibromomethane (Methylene Bromide)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	70
1,2-Dichlorobenzene (O-Dichlorobenzene)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	20
1,3-Dichlorobenzene (M-Dichlorobenzene)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	200
1,4-Dichlorobenzene (P-Dichlorobenzene)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	6
Trans-1,4-Dichloro-2-butene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	6
1,2-Dichloroethane (Ethylene Dichloride)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.4
1,1-Dichloroethene (Vinylidene Chloride)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	7
1,2-Dichloroethene (cis and trans isomers)	ND	ND	ND	0.83	ND	ND	ND	ND	ND	ND	60	60
1,2-Dichloropropane (Propylene Dichloride)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.6
1,1-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE
1,3-Dichloropropene (cis and trans isomers)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.4
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	600
Iodomethane (Methyl Iodide)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE
2-Hexanone (Methyl Butyl Ketone)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	40
Methyl Chloride (Chloromethane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	3
Methylene Chloride (Dichloromethane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	5
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ND	ND	ND	ND	0.53 J	ND	ND	ND	ND	ND	560	NE
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	70
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	1
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.18	0.2
Tetrachloroethene (Tetrachloroethylene), (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	**4**	ND	NE	0.7
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	600
1,1,1-Trichloroethane (Methylchloroform)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	200
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	0.6
Trichloroethene (Trichloroethylene), (TCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	3
Trichlorofluoromethane (CFC-11)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	2000
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.005
Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	88	88
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.03
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	500
INORGANIC CONSTITUENTS (in ug/L)											**GWP Std (ug/L)**	**NCAC 2L STD (ug/L)**
Arsenic	0.65 J	0.51 J	ND	0.98 J	1.3	0.46 J	0.98 J	0.40 J	ND	ND	NE	10
Barium	24	26	74	42	23	31	29	52	56	540	NE	700
Cadmium	0.052 J	0.44 J	0.22 J	0.11 J	0.57 J	0.12 J	0.054 J	0.11 J	0.064 J	0.28 J	NE	2
Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	10
Lead	0.41 J	2.9	1.6	1.2	0.85 J	0.87 J	0.44 J	4.0	1.3	7.4	NE	15
Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.051 J	NE	1
Selenium	0.45 J	0.43 J	0.45 J	3.5	0.78 J	0.66 J	1.1	0.96 J	ND	ND	NE	20
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	20

Notes:

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

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

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

Sampling Date:	2L Standard	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/6/2011	4/26/2012	10/3/2012	4/3/2013	10/16/2013
Well No: **MW-2**																				
Arsenic	**10**	ND	ND	ND	ND	ND	2.43 JB	ND	ND	ND	ND	ND	ND	ND	ND	0.80 J	ND	0.55 J	0.73 J	ND
Barium	**700**	170	180	170	152	110	92.1 JB	162.0	97.5 JB	86.7 JB	115 B	73.4 JB	110.0	69.0	94.0	81.0	95.0	87.0	88.0	74.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.29 J	0.18 J	**10.00**	0.93 J	ND	ND	0.46 J	0.20 J	0.22 J
Chromium	**10**	ND	ND	ND	ND	ND	4.58 JB	3.11 J	2.03 JB	1.77 JB	2.91 JB	2.67 JB	ND	1.5 J	ND	6.10	ND	2.3 B	0.83 JB	ND
Lead	**15**	ND	ND	ND	ND	ND	1.09 J	3.97 J	ND	ND	4.82 J	ND	1.6 J	0.68 J	ND	0.45 J	ND	0.73 J	1.10	1.60
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	3.98 J	ND	8.75 J	ND	ND	ND	3.3 J	ND	ND	2.60	3.30	3.30	2.30	0.45 J
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	2.36 JB	3.57 JB	1.16 JB	1.25 JB	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	**6**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23 J	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	**5**	ND	ND	ND	ND	ND	ND	ND	ND	0.160 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	0.260 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	ND	ND	0.390 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/6/2011	4/26/2012	10/3/2012	4/3/2013	10/16/2013
Well No: **MW-3**																				
Arsenic	**10**	ND	ND	ND	ND	3.3 J	3.39 JB	ND	ND	ND	ND	ND	ND	0.92 J	ND	2.10	3.20	2.40	2.70	0.98 J
Barium	**700**	ND	ND	ND	30.5	34.1	20.0 JB	38.4 J	25.5 JB	28.6 JB	29.5 JB	41.2 JB	31.0	39.0	37.0	44.0	40.0	50.0	39.0	42.0
Cadmium	**2**	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.40**	ND	ND	ND	ND	ND	0.11 J
Chromium	**10**	ND	ND	ND	ND	ND	5.06 JB	1.69 J	2.62 JB	2.62 JB	4.29 JB	2.95 JB	ND	1.5 J	ND	4.80	ND	2.3 B	0.70 JB	ND
Lead	**15**	ND	ND	ND	ND	ND	1.31 J	3.60 J	ND	3.77 J	5.60 J	7.01 J	0.97 J	1.9 J	1.2 J	2.30	1.70	2.70	1.10	1.20
Mercury	**1**	ND	ND	ND	ND	ND	0.038 J	0.133 J	0.064 J	0.090 J	0.089 J	0.36	0.056 J	ND	0.19 J	ND	0.21	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	5.79 J	ND	9.5 J	ND	ND	ND	ND	7.60	ND	9.20	11.00	13.00	9.60	3.50
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	2.27 JB	3.74 JB	1.60 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	**6000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.3 J	ND	ND	ND	ND	2.7 J	ND	ND	ND
Benzene	**1**	ND	ND	ND	ND	ND	ND	0.610 J	ND	ND	0.260 J	0.55 J	ND	ND	ND	0.76	0.51	0.85	ND	ND
Bromomethane	**10**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	**560**	ND	ND	ND	ND	0.97 J	ND	ND	ND	ND	ND	2.8 J	0.56 J	0.89 J	ND	0.97 J	ND	4.8 J	ND	ND
1,1-Dichloroethane	**6**	ND	ND	ND	ND	ND	0.270 J	0.620 J	ND	ND	0.280 J	0.47 J	ND	ND	ND	0.67	0.47	0.67	ND	ND
1,2-Dichloroethene (isomers)	**60**	1.5	1	ND	1.5	1.7	0.760 J	2.04 J	ND	0.230 J	0.660 J	1.21 J	0.53 J	0.84	0.59	2	1.0	2.2	0.7	0.83
Methylene Chloride	**5**	ND	ND	ND	ND	ND	ND	ND	ND	0.110 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	0.270 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	0.140 J	ND	0.330 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	**0.03**	ND	ND	ND	ND	**1.1**	ND	**0.490 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.59**	ND	ND

Sampling Date:	2L Standard	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/6/2011	4/26/2012	10/3/2012	4/3/2013	10/16/2013
Well No: **MW-4**																				
Arsenic	**10**	ND	ND	ND	ND	2.9 J	4.16 JB	ND	ND	ND	ND	ND	ND	ND	ND	1.20	1.10	1.20	1.60	1.30
Barium	**700**	ND	ND	ND	23.7	20	20.9 JB	24.3 J	33.2 JB	29.6 JB	29.6 JB	22.2 JB	28.0	28.0	20.0	25.0	20.0	16.0	18.0	23.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	0.16 J	ND	0.21 J	ND	0.48 J	ND	ND	ND	0.26 J	0.058 J	0.57 J
Chromium	**10**	ND	ND	ND	ND	ND	4.09 JB	3.11 J	2.77 JB	ND	3.40 JB	2.86 JB	ND	1.6 J	ND	5.00	ND	2.3 B	0.81 JB	ND
Lead	**15**	ND	ND	ND	ND	ND	3.12 J	6.11 J	ND	ND	ND	ND	ND	0.96 J	ND	0.74 J	ND	0.81 J	0.79 J	0.85 J
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	3.73 J	ND	ND	ND	ND	ND	ND	3.4 J	ND	2.40	2.90	3.00	2.40	0.78 J
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	2.17 JB	3.90 JB	1.97 JB	1.03 JB	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	**1**	ND	ND	ND	ND	ND	0.730 J	0.540 J	0.480 J	0.220 J	0.460 J	ND	0.56 J	ND	0.87	ND	0.93	0.92	0.91	0.77
Chloroethane	**3000**	ND	3.0	ND	4.2	1.6	3.59 J	1.99 J	2.35 J	0.820 J	2.55 J	ND	1.3 J	ND	1.2	ND	1.7	1.4	1.9	ND
1,1-Dichloroethane	**6**	ND	3.0	ND	1.0	ND	0.350 J	0.560 J	0.210 J	ND	0.160 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	**0.4**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene (isomers)	**60**	ND	ND	ND	ND	ND	0.210 J	0.560 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	**560**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.53 J
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	0.310 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	0.110 J	ND	0.540 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/6/2011	4/26/2012	10/3/2012	4/3/2013	10/16/2013
Well No: **MW-5**																				
Arsenic	**10**	ND	ND	ND	ND	ND	4.83 JB	1.93 J	ND	ND	ND	ND	ND	ND	ND	0.55 J	1.30	1.10	0.47 J	0.46 J
Barium	**700**	ND	ND	ND	ND	19.3	58.2 JB	32.3 J	30.8 JB	30.9 JB	33.6 JB	23.8 JB	30.0	28.0	31.0	27.0	32.0	33.0	27.0	31.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.22 J	0.45 J	ND	ND	ND	0.043 J	0.12 J
Chromium	**10**	ND	ND	ND	ND	ND	8.54 JB	5.67 J	1.58 JB	1.25 JB	4.10 JB	2.39 JB	0.60 J	1.7 J	ND	5.00	ND	2.3 B	0.77 JB	ND
Lead	**15**	ND	ND	ND	ND	ND	14.5	6.02 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.34 J	0.39 J	0.87 J
Mercury	**1**	ND	ND	ND	ND	ND	0.058 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	5.42 J	ND	ND	ND	ND	ND	ND	3.2 J	ND	4.40	5.10	6.80	3.20	0.66 J
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	2.32 JB	3.74 JB	1.72 JB	ND	ND	ND	ND	ND	ND	0.081 J	ND	ND
Bromoform	**4**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.16 J	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	0.210 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	ND	ND	0.280 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/6/2011	4/26/2012	10/3/2012	4/3/2013	10/16/2013
Well No: **MW-6**																				
Arsenic	**10**	ND	ND	ND	ND	2.8 J	2.25 JB	ND	ND	ND	3.08 J	ND	ND	0.9 J	ND	2.20	2.20	1.70	1.60	0.98 J
Barium	**700**	ND	ND	ND	37.4	29.9	30.5 JB	26.3 J	36.1 JB	34.1 JB	30.1 JB	21.3 JB	13.0	16 J	18.0	14.0	28.0	22.0	31.0	29.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.26 J	ND	0.37 J	ND	ND	0.088 J	0.054 J
Chromium	**10**	ND	ND	ND	ND	ND	5.05 JB	1.31 J	1.88 JB	ND	ND	2.76 JB	0.60 J	1.2 J	ND	4.40	ND	2.7 B	1.2 B	ND
Lead	**15**	ND	ND	ND	ND	ND	1.62 J	4.43 J	6.14 J	3.70 J	3.50 J	ND	0.74 J	2.7 J	ND	0.87 J	ND	0.44 J	0.58 J	0.44 J
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	4.75 J	ND	ND	ND	ND	ND	2.8 J	3.9 J	ND	5.80	6.60	6.00	4.40	1.10
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	2.34 JB	3.79 JB	1.47 JB	0.78 JB	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	**6000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.74 J	3.34 J	6.0 J	3.1 J	ND	ND	ND	ND	ND	ND
Benzene	**1**	ND	ND	ND	ND	**1.4**	**1.21**	**1.03**	0.780 J	0.880 J	0.990 J	0.81 J	0.56 J	ND	ND	ND	0.26 J	ND	ND	ND
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	0.180 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	ND	ND	0.380 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

Sampling Date:	2L Standard	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/6/2011	4/26/2012	10/3/2012	4/3/2013	10/16/2013
Well No: **MW-7**																				
Arsenic	**10**	ND	ND	ND	ND	ND	3.88 JB	ND	ND	ND	ND	ND	ND	1.5 J	ND	1.20	1.80	1.40	0.54 J	0.40 J
Barium	**700**	ND	ND	ND	77	73.6	163 JB	64.2 J	70.7 JB	61.8 JB	63.0 JB	70.0 JB	67.0	65.0	67.0	54.0	65.0	59.0	62.0	52.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.17 J	ND	ND	ND	ND	ND	0.11 J
Chromium	**10**	ND	ND	ND	ND	ND	5.47 JB	ND	1.58 JB	1.46 JB	3.01 JB	3.05 JB	ND	2.6 J	ND	4.50	ND	2.8 B	1.3 B	ND
Lead	**15**	ND	ND	ND	ND	2.1 J	10.60	6.54 J	5.69 J	4.02 JB	5.74 JB	6.97 J	3.2 J	9.20	2.7 J	4.10	2.50	4.50	3.60	4.00
Mercury	**1**	ND	ND	ND	ND	ND	0.043 J	0.097 J	0.062 J	ND	ND	0.117 J	0.023 J	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	3.05 J	ND	7.96 J	ND	ND	ND	ND	3.7 J	ND	4.40	5.10	4.70	3.60	0.96 J
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	2.25 JB	3.62 JB	1.69 JB	0.94 J	ND	ND	ND	0.062 J	ND	ND	ND	ND
Acetone	**6000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.70	ND	ND	ND	ND	ND	ND
Benzene	**1**	ND	ND	ND	ND	ND	ND	0.790 J	0.210 J	0.250 J	0.330 J	0.61 J	ND	ND	ND	0.65	0.68	0.64	ND	0.61
1,1-Dichloroethane	**6**	ND	ND	ND	ND	ND	ND	0.150 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene (isomers)	**60**	ND	ND	ND	ND	ND	ND	0.240 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23 JB	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	0.250 JB	0.320 J	ND	ND	ND	4.90	ND	ND	ND	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	0.130 J	ND	0.520 J	ND	0.11 J	ND	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/6/2011	4/26/2012	10/3/2012	4/3/2013	10/16/2013
Well No: **MW-8**																				
Arsenic	**10**	ND	ND	ND	ND	ND	2.03 JB	ND	ND	ND	ND	ND	ND	ND	ND	0.35 J	ND	ND	ND	ND
Barium	**700**	ND	ND	ND	41.5	42.5	32.1 JB	41.4 J	43.9 JB	46.1 JB	45.0 JB	39.2 JB	38.0	33.0	40.0	41.0	22.0	60.0	61.0	56.0
Cadmium	**2**	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	0.59 J	0.17 J	ND	ND	ND	0.12 J	0.064 J
Chromium	**10**	ND	ND	ND	ND	ND	5.03 JB	4.54 J	2.33 JB	1.25 JB	3.20 JB	2.95 JB	0.56 J	1.3 J	ND	3.70	ND	2.3 B	1.2 B	ND
Lead	**15**	ND	ND	ND	ND	ND	1.04 J	7.71 J	7.42 J	ND	6.30 J	ND	1.1 J	0.72 J	1.1 J	0.74 J	ND	1.00	0.94 J	1.30
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7 J	0.33 J	ND
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	2.28 JB	3.90 JB	1.29 JB	0.8 JB	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	**29**	ND	ND	ND	ND	ND	ND	ND	ND	0.120 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	**0.7**	ND	ND	ND	ND	**1.8**	0.310 J	0.550 J	**0.730 J**	**0.960 J**	**2.40**	**1.74 B**	**6.30**	**1.80**	**5.40**	**6.90**	**3.40**	**4.40**	**3.60**	**4.00**
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	0.450 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	ND	ND	0.700 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/6/2011	4/26/2012	10/3/2012	4/3/2013	10/16/2013
Well No: **MW-9**																				
Arsenic	**10**	ND	ND	ND	ND	2.6 J	2.88 JB	5.04 J	ND	ND	ND	ND	**15**	ND	**13**	ND	ND	ND	ND	ND
Barium	**700**	370	270	360	242	310	462 JB	366.0	288 B	50.1 JB	210 B	311 B	680.0	230.0	**940**	390	**800**	390	320	540
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.21 J	0.23 J	0.52 J	0.31 J	ND	ND	0.38 J	0.22 J	0.28 J
Chromium	**10**	ND	ND	ND	ND	ND	5.71 JB	1.24 J	1.73 JB	1.35 JB	2.82 JB	5.21 JB	1.0 J	2 J	ND	8.3 J	ND	3.2 B	1.2 B	ND
Lead	**15**	ND	ND	ND	ND	ND	7.21 J	6.84 J	5.02 J	ND	ND	ND	10.00	3.4 J	10	4	6	5	3	7
Mercury	**1**	ND	ND	ND	ND	ND	0.83	0.077 J	ND	ND	ND	ND	0.12 J	ND	0.77	0.35	0.23	0.075 J	0.18 J	0.051 J
Selenium	**20**	ND	ND	ND	ND	2.2 J	1.35 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	4	2	1	ND
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	ND	3.95 JB	1.18 JB	ND	ND	ND	ND	ND	ND	0.34 J	ND	ND
Bromoform	**4**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.28 J	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	0.210 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.16 JB	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	0.810 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	ND	ND	1.31 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/6/2011	4/26/2012	10/3/2012	4/3/2013	10/16/2013
Well No: **SW-1**																				
Arsenic	**10**	ND	ND	ND	ND	2.2 J	2.07 JB	2.86 J	ND	2.78 J	ND	ND	ND	0.61 J	ND	1.90	ND	1.60	0.98 J	0.65 J
Barium	**700**	ND	100	ND	ND	17.6	18.7 JB	25.5 J	30.4 JB	384 B	36.2 JB	21.1 JB	19.00	32.00	38.00	38.00	24.00	29.00	23.00	24.00
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.370 J	0.28 J	ND	0.3 J	ND	ND	ND	ND	0.20 J	0.052 J
Chromium	**10**	ND	ND	ND	ND	ND	5.76 JB	2.66 J	2.03 JB	2.09 JB	3.70 JB	2.49 JB	0.70 J	1.3 J	ND	5.00	ND	2.6 B	1.5 B	ND
Lead	**15**	ND	ND	ND	ND	ND	ND	5.39 J	6.07 J	7.11 J	3.91 JB	ND	ND	ND	ND	0.27 J	ND	0.35 J	0.23 J	0.41 J
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	3.7 J	1.96 J	ND	ND	ND	ND	ND	ND	3.3 J	ND	4.40	3.00	3.90	1.90	0.45 J
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	2.46 JB	2.07 JB	1.38 JB	0.87 JB	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	**6000**	ND	ND	ND	ND	ND	ND	ND	2.51 JB	ND	ND	ND	ND	2.8 J	ND	ND	ND	ND	ND	ND
Benzene	**1**	ND	ND	1.0	ND	ND	ND	ND	ND	0.260 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	**560**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	ND	ND

Sampling Date:	2L Standard	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/6/2011	4/26/2012	10/3/2012	4/3/2013	10/16/2013
Well No: **SW-2**																				
Arsenic	**10**	ND	ND	ND	ND	2.9 J	1.70 JB	2.92 J	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	0.51 J
Barium	**700**	ND	ND	ND	ND	21.1	31.1 JB	14.3 J	30.5 JB	55.6 JB	27.5 JB	75.1 JB	48.0	40.0	31.0	NA	25.0	30.0	18.0	26.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3 J	ND	1.2	0.63 J	NA	ND	0.21 J	ND	0.44 J
Chromium	**10**	ND	ND	ND	ND	ND	6.09 JB	5.66	2.47 JB	2.82 JB	2.82 JB	11.6 B	1.1 J	1.8 J	ND	NA	ND	2.5 B	1.4 B	ND
Lead	**15**	ND	ND	ND	ND	ND	0.350 J	ND	3.79 J	6.25 J	4.42 J	21.3	ND	1.0 J	1.0 J	NA	ND	0.45 J	0.93 J	2.9
Mercury	**1**	ND	ND	ND	ND	0.15	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.2 J	ND	ND	NA	1.90	3.00	1.10	0.43 J
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	2.24 JB	3.73 JB	1.58 JB	ND	ND	ND	ND	NA	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.

APPENDIX A

Groundwater Sampling Forms

Well/Piezo ID: mw-9

Ground Water Sample Collection Record

Client: NAUTILUS GEOLOGIC
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: overcast 60's Collector(s) R Lane

Date: 10/16/13
Time: Start 0900 am/pm
Finish 0945 am/pm

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

a. Total Well Length 30.0
b. Water Table Depth 22.59
c. Casing Material PVC
d. Casing Diameter 2"
e. Length of Water Column 7.41 (a-b)
f. Calculated Well Volume (see back) 1.2

WELL PURGING DATA

a. Purge Method LOW FLOW

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

c. Field Testing Equipment Used:

Make	Model	Serial Number
YSI	556	10H100442
HACH	2100P	28078

d. Field Testing Equipment Calibration Documentation Found on Separate Form

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	ORP	D.O. mg/l
0905	Int	20.08	5.70	594	2.46	22.65	clear	96.5	5.86
0910	1000	20.03	5.00	625	1.62	22.66		123.7	3.08
0915	1500	20.06	4.69	635	1.21	22.66		135.6	3.08
0920	2000	20.08	4.55	636	1.03	22.67		138.8	2.96
0925	2500	20.13	4.53	636	0.95	22.67		141.6	2.87
0930	3000	20.15	4.51	637	0.83	22.67		143.2	2.81

e. Acceptance criteria pass/fail

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

If no or N/A - Explain below.

SAMPLE COLLECTION: Method: Peristaltic Pump

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-mw-9	VOA	2+2	HCL / NONE	8260	0935
4304-mw-9	500 ml PLASTIC	1	HN03	RCRA METALS	↓

Comments

Signature Rich Lane Date 10/16/13

Well/Piezo ID: MW-8

Ground Water Sample Collection Record

Client: NAUTILUS GEOLOGIC
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: Overcast 60's Collector(s) R Lane

Date: 10/16/13
Time: Start 0950 am/pm
Finish 1035 am/pm

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

a. Total Well Length 20.0 c. Casing Material PVC e. Length of Water Column 12.64 (a-b)

b. Water Table Depth 7.36 d. Casing Diameter 2" f. Calculated Well Volume (see back) 2.0

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

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

c. Field Testing Equipment Used:

Make	Model	Serial Number
YSI	556	10H100442
HACH	2100P	28078

d. Field Testing Equipment Calibration Documentation Found on Separate Form

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	ORP	D.O. mg/l
0955	Int	18.65	4.64	93	1000+	7.41	Tan	100.8	3.12
1000	1000	18.76	4.32	90	157	7.43	cloudy	107.6	0.95
1005	1500	18.82	4.29	89	53.6	7.44	clear	108.5	0.73
1010	2000	18.88	4.27	88	21.3	7.44	↓	109.6	0.58
1015	2500	18.91	4.26	88	6.13	7.44		108.4	0.54
1020	3000	18.94	4.24	87	5.74	7.44		110.5	0.58

e. Acceptance criteria pass/fail

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

If no or N/A - Explain below.

SAMPLE COLLECTION: Method: Peristaltic Pump

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304- MW8	VOA	2+2	HCL / NONE	8260	1025
4304- MW8	500 ml PLASTIC	1	HN03	RCRA METALS	↓

Comments

Signature Rich Lane Date 10/16/13

Well/Piezo ID: MW-4

Ground Water Sample Collection Record

Client: NAUTILUS GEOLOGIC
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: overcast 60's Collector(s) R Lane

Date: 10/16/13
Time: Start 1040 am/pm
Finish 1125 am/pm

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

a. Total Well Length 20.0
b. Water Table Depth 4.41
c. Casing Material PVC
d. Casing Diameter 2"
e. Length of Water Column 15.59 (a-b)
f. Calculated Well Volume (see back) 2.5

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ _____ 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
YSI	556	10H100442
HACH	2100P	28078

d. Field Testing Equipment Calibration Documentation Found on Separate Form

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	ORP	D.O. mg/l
1045	Int	19.55	5.22	134	12.0	4.46	clear	-15.5	4.40
1050	2000	19.59	5.23	134	11.1	4.47	↓	-21.1	1.07
1055	3000	19.62	5.24	135	8.99	4.47	↓	-25.4	0.88
1100	4000	19.65	5.24	134	8.45	4.48	↓	-28.2	0.61
1105	5000	19.67	5.25	134	6.63	4.48	↓	-30.4	0.53
1110	6000	19.69	5.26	135	6.48	4.48	↓	-30.9	0.46

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- MW4	VOA	2+2	HCL / NONE	8260	1115
4304- MW4	500 ml PLASTIC	1	HN03	RCRA METALS	↓

Comments

Signature Rich Lane Date 10/16/13

Well/Piezo ID: MW-3

Ground Water Sample Collection Record

Client: NAUTILUS GEOLOGIC
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: Overcast 60's Collector(s) R Lane

Date: 10/16/13
Time: Start 1130 am/pm
Finish 1215 am/pm

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

a. Total Well Length 20.0 c. Casing Material PVC e. Length of Water Column 9.64 (a-b)

b. Water Table Depth 10.36 d. Casing Diamete r 2" f. Calculated Well Volume (see back) 1.5

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ _____ 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
YSI	556	10H100442
HACH	2100P	28078

d. Field Testing Equipment Calibration Documentation Found on Separate Form

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	ORP	D.O. mg/l
1135	Int	18.88	4.71	131	40.3	10.40	clear	88.8	3.40
1140	1000	18.92	4.63	130	19.6	10.41	↓	90.2	1.21
1145	1500	18.94	4.62	129	12.4	10.41	↓	88.6	0.80
1150	2000	18.91	4.60	129	9.63	10.41	↓	86.7	0.69
1155	2500	18.88	4.58	130	8.65	10.42	↓	86.1	0.57
1200	3000	18.85	4.59	129	7.97	10.42	↓	84.9	0.46

e. Acceptance criteria pass/fail

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

If no or N/A - Explain below.

SAMPLE COLLECTION: Method: Peristaltic Pump

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304- MW 3	VOA	2+2	HCL / NONE	8260	1205
4304- MW 3	500 ml PLASTIC	1	HN03	RCRA METALS	↓

Comments

Signature Ruth Lane Date 10/16/13

Well/Piezo ID: mw - 2

Ground Water Sample Collection Record

Client: NAUTILUS GEOLOGIC
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: overcast 60's Collector(s) R Lane

Date: 10/16/13
Time: Start 1225 am/pm
Finish 1310 am/pm

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

a. Total Well Length 20.0 c. Casing Material PVC e. Length of Water Column 14.16 (a-b)

b. Water Table Depth 5.84 d. Casing Diamete r 2" f. Calculated Well Volume (see back) 2.3

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

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

c. Field Testing Equipment Used:

Make	Model	Serial Number
YSI	556	10H100442
HACH	2100P	28078

d. Field Testing Equipment Calibration Documentation Found on Separate Form

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	ORP	D.O. mg/l
1230	Int	18.51	4.98	105	17.1	5.90	clear	94.1	4.87
1235	2000	18.50	4.86	104	12.9	5.91	↓	89.2	1.06
1240	3000	18.54	4.75	102	10.7	5.91	↓	91.1	0.82
1245	4000	18.58	4.69	102	8.43	5.92	↓	88.3	0.67
1250	5000	18.62	4.67	103	7.88	5.92	↓	86.4	0.55
1255	6000	18.65	4.66	102	7.42	5.92	↓	85.7	0.48

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- mw 2	VOA	2+2	HCL / NONE	8260	1300
4304- mw 2	500 ml PLASTIC	1	HN03	RCRA METALS	↓

Comments

Signature Ruth Lane Date 10/16/13

Well/Piezo ID: mw-7

Ground Water Sample Collection Record

Client: NAUTILUS GEOLOGIC
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: overcast 60's Collector(s) R Lane

Date: 10/16/13
Time: Start 1315 am/pm
Finish 1400 am/pm

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

a. Total Well Length 20.0 c. Casing Material PVC e. Length of Water Column 13.97 (a-b)

b. Water Table Depth 6.03 d. Casing Diameter 2" f. Calculated Well Volume (see back) 2.2

WELL PURGING DATA

a. Purge Method LOW FLOW

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ _____ 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
YSI	556	10H100442
HACH	2100P	28078

d. Field Testing Equipment Calibration Documentation Found on Separate Form

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	ORP	D.O. mg/l
1320	Int	19.21	4.52	85	34.2	6.08	clear	63.3	5.75
1325	1000	19.28	4.42	92	21.7	6.09	↓	55.5	0.96
1330	1500	19.32	4.38	92	12.3	6.09	↓	54.2	0.67
1335	2000	19.35	4.34	93	10.6	6.10	↓	53.0	0.38
1340	2500	19.41	4.31	93	9.64	6.10	↓	52.3	0.35
1345	3000	19.43	4.29	94	9.31	6.10	↓	51.5	0.29

e. Acceptance criteria pass/fail

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

If no or N/A - Explain below.

SAMPLE COLLECTION: Method: Peristaltic Pump

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304- mw7	VOA	2+2	HCL / NONE	8260	1350
4304- mw7	500 ml PLASTIC	1	HN03	RCRA METALS	↓

Comments

Signature Ruth Lane Date 10/16/13

Well/Piezo ID: mw-6

Ground Water Sample Collection Record

Client: NAUTILUS GEOLOGIC
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: overcast 60's Collector(s) R Lane

Date: 10/16/13
Time: Start 1405 am/pm
Finish 1450 am/pm

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

a. Total Well Length 25.0
b. Water Table Depth 6.93
c. Casing Material PVC
d. Casing Diamete r 2"
e. Length of Water Column 18.07 (a-b)
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 (@ _____ 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
YSI	556	10H100442
HACH	2100P	28018

d. Field Testing Equipment Calibration Documentation Found on Separate Form

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	ORP	D.O. mg/l
1410	Int	18.49	5.37	180	19.8	6.99	clear	63.6	4.79
1415	1000	18.55	5.34	180	14.0	7.00		62.9	0.84
1420	1500	18.53	5.35	179	11.2	7.00		61.8	0.61
1425	2000	18.60	5.33	178	9.86	7.01		61.0	0.47
1430	2500	18.63	5.37	180	9.04	7.01		59.4	0.38
1435	3000	18.65	5.39	182	7.80	7.01		57.8	0.31

e. Acceptance criteria pass/fail

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

If no or N/A - Explain below.

SAMPLE COLLECTION: Method: Peristaltic Pump

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304- mw-6	VOA	2+2	HCL / NONE	8260	1440
4304- mw-6	500 ml PLASTIC	1	HN03	RCRA METALS	1440

Comments

Signature Rick Lane Date 10/16/13

Well/Piezo ID: MW-5

Ground Water Sample Collection Record

Client: NAUTILUS GEOLOGIC
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: overcast 60's Collector(s) R Lane

Date: 10/16/13
Time: Start 1505 am/pm
Finish 1545 am/pm

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

a. Total Well Length 20.0
b. Water Table Depth 4.87
c. Casing Material PVC
d. Casing Diameter 2"
e. Length of Water Column 15.13 (a-b)
f. Calculated Well Volume (see back) 7.4

WELL PURGING DATA

a. Purge Method LOW FLOW

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

c. Field Testing Equipment Used:

Make	Model	Serial Number
YSI	556	10H100442
HACH	2100P	28078

d. Field Testing Equipment Calibration Documentation Found on Separate Form

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	ORP	D.O. mg/l
1510	Int	18.83	5.34	110	7.41	4.92	clear	97.6	5.43
1515	1000	18.79	5.27	112	5.89	4.93	↓	100.0	1.01
1520	1500	18.81	5.21	113	5.21	4.93	↓	99.7	0.69
1525	2000	18.80	5.17	112	4.87	4.93	↓	100.2	0.48
1530	2500	18.82	5.14	113	4.53	4.93	↓	99.0	0.36

e. Acceptance criteria pass/fail

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

If no or N/A - Explain below.

SAMPLE COLLECTION: Method: Peristaltic Pump

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-MW5	VOA	2+2	HCL / NONE	8260	1535
4304-MW5	500 ml PLASTIC	1	HN03	RCRA METALS	↓

Comments

Signature Ruth Lane Date 10/16/13

APPENDIX B

Laboratory Reports
And
Chain-of-Custody Records

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert No. 37735
VA Certification No. 460211
DoD ELAP: L-A-B Accredited Certificate No. L2307
ISO/IEC 17025: L-A-B Accredited Certificate No. L2307

Case Narrative

11/19/2013

Nautilus Geologic Consulting, PLLC
Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire
Project No.: 43-04
Lab Submittal Date: 10/17/2013
Prism Work Order: 3100448

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.

Robbi A. Jones

President/Project Manager

Reviewed By Robbi A. Jones

President/Project Manager

Data Qualifiers Key Reference:

IL	Internal standard area above the QC limit. Analyte reported with possible low bias.
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

11/19/2013

Prism Work Order: 3100448

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
4304-Trip Blank	3100448-01	Water	10/16/13	10/17/13
4304-EB01	3100448-02	Water	10/16/13	10/17/13
4304-MW10	3100448-03	Water	10/16/13	10/17/13
4304-MW18	3100448-04	Water	10/16/13	10/17/13
4304-MW11	3100448-05	Water	10/16/13	10/17/13
4304-MW14	3100448-06	Water	10/16/13	10/17/13
4304-MW13	3100448-07	Water	10/16/13	10/17/13
4304-MW12	3100448-08	Water	10/16/13	10/17/13
4304-SW1 EXP.	3100448-09	Water	10/16/13	10/17/13
4304-MW17R	3100448-10	Water	10/16/13	10/17/13
4304-MW16	3100448-11	Water	10/16/13	10/17/13
4304-MW2	3100448-12	Water	10/16/13	10/17/13
4304-MW3	3100448-13	Water	10/16/13	10/17/13
4304-MW4	3100448-14	Water	10/16/13	10/17/13
4304-MW5	3100448-15	Water	10/16/13	10/17/13
4304-MW6	3100448-16	Water	10/16/13	10/17/13
4304-MW7	3100448-17	Water	10/16/13	10/17/13
4304-MW8	3100448-18	Water	10/16/13	10/17/13
4304-MW9	3100448-19	Water	10/16/13	10/17/13
4304-SW1	3100448-20	Water	10/16/13	10/17/13
4304-SW2	3100448-21	Water	10/16/13	10/17/13

Samples were received in good condition at 4.4 degrees C unless otherwise noted.

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Summary of Detections

11/19/2013

Prism Work Order: 3100448

Prism ID	Client ID	Parameter	Method	Result		Units
3100448-02	4304-EB01	Arsenic	6020A	0.43	J	ug/L
3100448-02	4304-EB01	Barium	6020A	4.5	J	ug/L
3100448-02	4304-EB01	Lead	6020A	0.12	J	ug/L
3100448-03	4304-MW10	Mercury	7470A	0.18	J	ug/L
3100448-03	4304-MW10	Barium	6020A	18		ug/L
3100448-03	4304-MW10	Lead	6020A	0.26	J	ug/L
3100448-03	4304-MW10	Selenium	6020A	2.0		ug/L
3100448-04	4304-MW18	Mercury	7470A	0.37		ug/L
3100448-04	4304-MW18	Arsenic	6020A	0.37	J	ug/L
3100448-04	4304-MW18	Barium	6020A	57		ug/L
3100448-04	4304-MW18	Cadmium	6020A	0.050	J	ug/L
3100448-04	4304-MW18	Lead	6020A	0.77	J	ug/L
3100448-05	4304-MW11	Arsenic	6020A	0.37	J	ug/L
3100448-05	4304-MW11	Barium	6020A	29		ug/L
3100448-05	4304-MW11	Cadmium	6020A	1.4		ug/L
3100448-05	4304-MW11	Lead	6020A	0.88	J	ug/L
3100448-06	4304-MW14	Barium	6020A	67		ug/L
3100448-06	4304-MW14	Cadmium	6020A	0.27	J	ug/L
3100448-06	4304-MW14	Lead	6020A	1.1		ug/L
3100448-07	4304-MW13	Arsenic	6020A	0.50	J	ug/L
3100448-07	4304-MW13	Barium	6020A	11		ug/L
3100448-07	4304-MW13	Lead	6020A	0.83	J	ug/L
3100448-08	4304-MW12	Arsenic	6020A	2.7		ug/L
3100448-08	4304-MW12	Barium	6020A	17		ug/L
3100448-08	4304-MW12	Chromium	6020A	0.95	J	ug/L
3100448-08	4304-MW12	Lead	6020A	1.7		ug/L
3100448-09	4304-SW1 EXP.	Barium	6020A	43		ug/L
3100448-09	4304-SW1 EXP.	Lead	6020A	1.1		ug/L
3100448-10	4304-MW17R	Arsenic	6020A	0.46	J	ug/L
3100448-10	4304-MW17R	Barium	6020A	110		ug/L
3100448-10	4304-MW17R	Cadmium	6020A	0.086	J	ug/L
3100448-10	4304-MW17R	Lead	6020A	1.5		ug/L
3100448-11	4304-MW16	Arsenic	6020A	0.44	J	ug/L
3100448-11	4304-MW16	Barium	6020A	48		ug/L
3100448-11	4304-MW16	Cadmium	6020A	0.037	J	ug/L
3100448-11	4304-MW16	Lead	6020A	0.97	J	ug/L
3100448-12	4304-MW2	Barium	6020A	74		ug/L
3100448-12	4304-MW2	Cadmium	6020A	0.22	J	ug/L
3100448-12	4304-MW2	Lead	6020A	1.6		ug/L
3100448-12	4304-MW2	Selenium	6020A	0.45	J	ug/L
3100448-13	4304-MW3	Arsenic	6020A	0.98	J	ug/L
3100448-13	4304-MW3	Barium	6020A	42		ug/L
3100448-13	4304-MW3	Cadmium	6020A	0.11	J	ug/L
3100448-13	4304-MW3	Lead	6020A	1.2		ug/L

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Summary of Detections

11/19/2013

Prism Work Order: 3100448

Prism ID	Client ID	Parameter	Method	Result		Units
3100448-13	4304-MW3	Selenium	6020A	3.5		ug/L
3100448-13	4304-MW3	cis-1,2-Dichloroethylene	8260B	0.83		ug/L
3100448-14	4304-MW4	Arsenic	6020A	1.3		ug/L
3100448-14	4304-MW4	Barium	6020A	23		ug/L
3100448-14	4304-MW4	Cadmium	6020A	0.57	J	ug/L
3100448-14	4304-MW4	Lead	6020A	0.85	J	ug/L
3100448-14	4304-MW4	Selenium	6020A	0.78	J	ug/L
3100448-14	4304-MW4	Benzene	8260B	0.77		ug/L
3100448-14	4304-MW4	Methyl Isobutyl Ketone	8260B	0.53	J	ug/L
3100448-15	4304-MW5	Arsenic	6020A	0.46	J	ug/L
3100448-15	4304-MW5	Barium	6020A	31		ug/L
3100448-15	4304-MW5	Cadmium	6020A	0.12	J	ug/L
3100448-15	4304-MW5	Lead	6020A	0.87	J	ug/L
3100448-15	4304-MW5	Selenium	6020A	0.66	J	ug/L
3100448-16	4304-MW6	Arsenic	6020A	0.98	J	ug/L
3100448-16	4304-MW6	Barium	6020A	29		ug/L
3100448-16	4304-MW6	Cadmium	6020A	0.054	J	ug/L
3100448-16	4304-MW6	Lead	6020A	0.44	J	ug/L
3100448-16	4304-MW6	Selenium	6020A	1.1		ug/L
3100448-17	4304-MW7	Arsenic	6020A	0.40	J	ug/L
3100448-17	4304-MW7	Barium	6020A	52		ug/L
3100448-17	4304-MW7	Cadmium	6020A	0.11	J	ug/L
3100448-17	4304-MW7	Lead	6020A	4.0		ug/L
3100448-17	4304-MW7	Selenium	6020A	0.96	J	ug/L
3100448-17	4304-MW7	Benzene	8260B	0.61		ug/L
3100448-18	4304-MW8	Barium	6020A	56		ug/L
3100448-18	4304-MW8	Cadmium	6020A	0.064	J	ug/L
3100448-18	4304-MW8	Lead	6020A	1.3		ug/L
3100448-18	4304-MW8	Tetrachloroethylene	8260B	4.0		ug/L
3100448-19	4304-MW9	Mercury	7470A	0.051	J	ug/L
3100448-19	4304-MW9	Barium	6020A	540		ug/L
3100448-19	4304-MW9	Cadmium	6020A	0.28	J	ug/L
3100448-19	4304-MW9	Lead	6020A	7.4		ug/L
3100448-20	4304-SW1	Arsenic	6020A	0.65	J	ug/L
3100448-20	4304-SW1	Barium	6020A	24		ug/L
3100448-20	4304-SW1	Cadmium	6020A	0.052	J	ug/L
3100448-20	4304-SW1	Lead	6020A	0.41	J	ug/L
3100448-20	4304-SW1	Selenium	6020A	0.45	J	ug/L
3100448-21	4304-SW2	Arsenic	6020A	0.51	J	ug/L
3100448-21	4304-SW2	Barium	6020A	26		ug/L
3100448-21	4304-SW2	Cadmium	6020A	0.44	J	ug/L
3100448-21	4304-SW2	Lead	6020A	2.9		ug/L
3100448-21	4304-SW2	Selenium	6020A	0.43	J	ug/L

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

Laboratory Report

11/19/2013

Nautilus Geologic Consulting, PLLC
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: 3100448-01
Prism Work Order: 3100448
Time Collected: 10/16/13 00:00
Time Submitted: 10/17/13 15:20

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	10/22/13 20:14	VHL	P3J0464
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/22/13 20:14	VHL	P3J0464
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/22/13 20:14	VHL	P3J0464
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/22/13 20:14	VHL	P3J0464
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/22/13 20:14	VHL	P3J0464
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/22/13 20:14	VHL	P3J0464
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/22/13 20:14	VHL	P3J0464
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/22/13 20:14	VHL	P3J0464
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/22/13 20:14	VHL	P3J0464
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/22/13 20:14	VHL	P3J0464
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/22/13 20:14	VHL	P3J0464
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 20:14	VHL	P3J0464
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/22/13 20:14	VHL	P3J0464
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/22/13 20:14	VHL	P3J0464
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/22/13 20:14	VHL	P3J0464
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/22/13 20:14	VHL	P3J0464
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 20:14	VHL	P3J0464
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/22/13 20:14	VHL	P3J0464
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/22/13 20:14	VHL	P3J0464
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/22/13 20:14	VHL	P3J0464
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/22/13 20:14	VHL	P3J0464
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/22/13 20:14	VHL	P3J0464
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/22/13 20:14	VHL	P3J0464
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 20:14	VHL	P3J0464
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/22/13 20:14	VHL	P3J0464
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/22/13 20:14	VHL	P3J0464
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/22/13 20:14	VHL	P3J0464
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/22/13 20:14	VHL	P3J0464
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/22/13 20:14	VHL	P3J0464
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 20:14	VHL	P3J0464
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/22/13 20:14	VHL	P3J0464
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	10/22/13 20:14	VHL	P3J0464
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/22/13 20:14	VHL	P3J0464
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/22/13 20:14	VHL	P3J0464
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/22/13 20:14	VHL	P3J0464
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/22/13 20:14	VHL	P3J0464
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/22/13 20:14	VHL	P3J0464
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/22/13 20:14	VHL	P3J0464
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/22/13 20:14	VHL	P3J0464
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/22/13 20:14	VHL	P3J0464
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/22/13 20:14	VHL	P3J0464
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/22/13 20:14	VHL	P3J0464

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Nautilus Geologic Consulting, PLLC
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: 3100448-01
Prism Work Order: 3100448
Time Collected: 10/16/13 00:00
Time Submitted: 10/17/13 15:20

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	10/22/13 20:14	VHL	P3J0464
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/22/13 20:14	VHL	P3J0464
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/22/13 20:14	VHL	P3J0464
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/22/13 20:14	VHL	P3J0464
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/22/13 20:14	VHL	P3J0464
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/22/13 20:14	VHL	P3J0464
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/22/13 20:14	VHL	P3J0464
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/22/13 20:14	VHL	P3J0464

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*110 %*	*80-124*
Dibromofluoromethane	*113 %*	*75-129*
Toluene-d8	*111 %*	*77-123*

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

Laboratory Report

11/19/2013

Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-EB01
Prism Sample ID: 3100448-02
Prism Work Order: 3100448
Time Collected: 10/16/13 10:15
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	ug/L	0.20	0.041	1	7470A	10/22/13 15:06	MEH	P3J0443
Arsenic	**0.43 J**	**ug/L**	**1.0**	**0.35**	**1**	**6020A**	**11/1/13 19:35**	**BGM**	**P3J0436**
Barium	**4.5 J**	**ug/L**	**5.0**	**0.092**	**1**	**6020A**	**11/1/13 19:35**	**BGM**	**P3J0436**
Cadmium	BRL	ug/L	1.0	0.032	1	6020A	11/5/13 18:49	BGM	P3K0053
Chromium	BRL	ug/L	1.0	0.10	1	6020A	11/1/13 19:35	BGM	P3J0436
Lead	**0.12 J**	**ug/L**	**1.0**	**0.062**	**1**	**6020A**	**11/1/13 19:35**	**BGM**	**P3J0436**
Selenium	BRL	ug/L	1.0	0.15	1	6020A	11/1/13 19:35	BGM	P3J0436
Silver	BRL	ug/L	1.0	0.037	1	6020A	11/1/13 19:35	BGM	P3J0436
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/22/13 20:40	VHL	P3J0464
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/22/13 20:40	VHL	P3J0464
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/22/13 20:40	VHL	P3J0464
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/22/13 20:40	VHL	P3J0464
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/22/13 20:40	VHL	P3J0464
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/22/13 20:40	VHL	P3J0464
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/22/13 20:40	VHL	P3J0464
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/22/13 20:40	VHL	P3J0464
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/22/13 20:40	VHL	P3J0464
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/22/13 20:40	VHL	P3J0464
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/22/13 20:40	VHL	P3J0464
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 20:40	VHL	P3J0464
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/22/13 20:40	VHL	P3J0464
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/22/13 20:40	VHL	P3J0464
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/22/13 20:40	VHL	P3J0464
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/22/13 20:40	VHL	P3J0464
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 20:40	VHL	P3J0464
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/22/13 20:40	VHL	P3J0464
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/22/13 20:40	VHL	P3J0464
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/22/13 20:40	VHL	P3J0464
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/22/13 20:40	VHL	P3J0464
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/22/13 20:40	VHL	P3J0464
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/22/13 20:40	VHL	P3J0464
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 20:40	VHL	P3J0464
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/22/13 20:40	VHL	P3J0464
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/22/13 20:40	VHL	P3J0464
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/22/13 20:40	VHL	P3J0464
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/22/13 20:40	VHL	P3J0464
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/22/13 20:40	VHL	P3J0464
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 20:40	VHL	P3J0464
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/22/13 20:40	VHL	P3J0464
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	10/22/13 20:40	VHL	P3J0464
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/22/13 20:40	VHL	P3J0464

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Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-EB01
Prism Sample ID: 3100448-02
Prism Work Order: 3100448
Time Collected: 10/16/13 10:15
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/22/13 20:40	VHL	P3J0464
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/22/13 20:40	VHL	P3J0464
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/22/13 20:40	VHL	P3J0464
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/22/13 20:40	VHL	P3J0464
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/22/13 20:40	VHL	P3J0464
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/22/13 20:40	VHL	P3J0464
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/22/13 20:40	VHL	P3J0464
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/22/13 20:40	VHL	P3J0464
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/22/13 20:40	VHL	P3J0464
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/22/13 20:40	VHL	P3J0464
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/22/13 20:40	VHL	P3J0464
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/22/13 20:40	VHL	P3J0464
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/22/13 20:40	VHL	P3J0464
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/22/13 20:40	VHL	P3J0464
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/22/13 20:40	VHL	P3J0464
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/22/13 20:40	VHL	P3J0464
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/22/13 20:40	VHL	P3J0464

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*111 %*	*80-124*
Dibromofluoromethane	*114 %*	*75-129*
Toluene-d8	*114 %*	*77-123*

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Laboratory Report

11/19/2013

Nautilus Geologic Consulting, PLLC
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: 3100448-03
Prism Work Order: 3100448
Time Collected: 10/16/13 08:54
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	**0.18 J**	**ug/L**	**0.20**	**0.041**	**1**	**7470A**	**10/22/13 13:27**	**MEH**	**P3J0443**
Arsenic	BRL	ug/L	1.0	0.35	1	6020A	11/1/13 19:46	BGM	P3J0436
Barium	**18**	**ug/L**	**5.0**	**0.092**	**1**	**6020A**	**11/1/13 19:46**	**BGM**	**P3J0436**
Cadmium	BRL	ug/L	1.0	0.032	1	6020A	11/5/13 18:53	BGM	P3K0053
Chromium	BRL	ug/L	1.0	0.10	1	6020A	11/1/13 19:46	BGM	P3J0436
Lead	**0.26 J**	**ug/L**	**1.0**	**0.062**	**1**	**6020A**	**11/1/13 19:46**	**BGM**	**P3J0436**
Selenium	**2.0**	**ug/L**	**1.0**	**0.15**	**1**	**6020A**	**11/1/13 19:46**	**BGM**	**P3J0436**
Silver	BRL	ug/L	1.0	0.037	1	6020A	11/1/13 19:46	BGM	P3J0436
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/22/13 21:05	VHL	P3J0464
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/22/13 21:05	VHL	P3J0464
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/22/13 21:05	VHL	P3J0464
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/22/13 21:05	VHL	P3J0464
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/22/13 21:05	VHL	P3J0464
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/22/13 21:05	VHL	P3J0464
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/22/13 21:05	VHL	P3J0464
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/22/13 21:05	VHL	P3J0464
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/22/13 21:05	VHL	P3J0464
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/22/13 21:05	VHL	P3J0464
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/22/13 21:05	VHL	P3J0464
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 21:05	VHL	P3J0464
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/22/13 21:05	VHL	P3J0464
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/22/13 21:05	VHL	P3J0464
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/22/13 21:05	VHL	P3J0464
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/22/13 21:05	VHL	P3J0464
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 21:05	VHL	P3J0464
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/22/13 21:05	VHL	P3J0464
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/22/13 21:05	VHL	P3J0464
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/22/13 21:05	VHL	P3J0464
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/22/13 21:05	VHL	P3J0464
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/22/13 21:05	VHL	P3J0464
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/22/13 21:05	VHL	P3J0464
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 21:05	VHL	P3J0464
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/22/13 21:05	VHL	P3J0464
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/22/13 21:05	VHL	P3J0464
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/22/13 21:05	VHL	P3J0464
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/22/13 21:05	VHL	P3J0464
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/22/13 21:05	VHL	P3J0464
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 21:05	VHL	P3J0464
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/22/13 21:05	VHL	P3J0464
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	10/22/13 21:05	VHL	P3J0464
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/22/13 21:05	VHL	P3J0464

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Nautilus Geologic Consulting, PLLC
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: 3100448-03
Prism Work Order: 3100448
Time Collected: 10/16/13 08:54
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/22/13 21:05	VHL	P3J0464
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/22/13 21:05	VHL	P3J0464
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/22/13 21:05	VHL	P3J0464
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/22/13 21:05	VHL	P3J0464
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/22/13 21:05	VHL	P3J0464
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/22/13 21:05	VHL	P3J0464
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/22/13 21:05	VHL	P3J0464
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/22/13 21:05	VHL	P3J0464
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/22/13 21:05	VHL	P3J0464
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/22/13 21:05	VHL	P3J0464
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/22/13 21:05	VHL	P3J0464
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/22/13 21:05	VHL	P3J0464
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/22/13 21:05	VHL	P3J0464
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/22/13 21:05	VHL	P3J0464
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/22/13 21:05	VHL	P3J0464
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/22/13 21:05	VHL	P3J0464
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/22/13 21:05	VHL	P3J0464

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*109 %*	*80-124*
Dibromofluoromethane	*114 %*	*75-129*
Toluene-d8	*116 %*	*77-123*

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Laboratory Report

11/19/2013

Nautilus Geologic Consulting, PLLC
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: 3100448-04
Prism Work Order: 3100448
Time Collected: 10/16/13 09:57
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	**0.37**	**ug/L**	**0.20**	**0.041**	**1**	**7470A**	**10/22/13 13:42**	**MEH**	**P3J0443**
Arsenic	**0.37 J**	**ug/L**	**1.0**	**0.35**	**1**	**6020A**	**11/1/13 19:50**	**BGM**	**P3J0436**
Barium	**57**	**ug/L**	**5.0**	**0.092**	**1**	**6020A**	**11/1/13 19:50**	**BGM**	**P3J0436**
Cadmium	**0.050 J**	**ug/L**	**1.0**	**0.032**	**1**	**6020A**	**11/5/13 18:56**	**BGM**	**P3K0053**
Chromium	BRL	ug/L	1.0	0.10	1	6020A	11/1/13 19:50	BGM	P3J0436
Lead	**0.77 J**	**ug/L**	**1.0**	**0.062**	**1**	**6020A**	**11/1/13 19:50**	**BGM**	**P3J0436**
Selenium	BRL	ug/L	1.0	0.15	1	6020A	11/1/13 19:50	BGM	P3J0436
Silver	BRL	ug/L	1.0	0.037	1	6020A	11/1/13 19:50	BGM	P3J0436
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/22/13 21:31	VHL	P3J0464
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/22/13 21:31	VHL	P3J0464
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/22/13 21:31	VHL	P3J0464
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/22/13 21:31	VHL	P3J0464
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/22/13 21:31	VHL	P3J0464
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/22/13 21:31	VHL	P3J0464
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/22/13 21:31	VHL	P3J0464
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/22/13 21:31	VHL	P3J0464
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/22/13 21:31	VHL	P3J0464
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/22/13 21:31	VHL	P3J0464
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/22/13 21:31	VHL	P3J0464
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 21:31	VHL	P3J0464
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/22/13 21:31	VHL	P3J0464
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/22/13 21:31	VHL	P3J0464
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/22/13 21:31	VHL	P3J0464
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/22/13 21:31	VHL	P3J0464
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 21:31	VHL	P3J0464
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/22/13 21:31	VHL	P3J0464
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/22/13 21:31	VHL	P3J0464
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/22/13 21:31	VHL	P3J0464
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/22/13 21:31	VHL	P3J0464
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/22/13 21:31	VHL	P3J0464
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/22/13 21:31	VHL	P3J0464
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 21:31	VHL	P3J0464
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/22/13 21:31	VHL	P3J0464
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/22/13 21:31	VHL	P3J0464
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/22/13 21:31	VHL	P3J0464
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/22/13 21:31	VHL	P3J0464
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/22/13 21:31	VHL	P3J0464
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 21:31	VHL	P3J0464
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/22/13 21:31	VHL	P3J0464
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	10/22/13 21:31	VHL	P3J0464
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/22/13 21:31	VHL	P3J0464

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Nautilus Geologic Consulting, PLLC
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: 3100448-04
Prism Work Order: 3100448
Time Collected: 10/16/13 09:57
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/22/13 21:31	VHL	P3J0464
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/22/13 21:31	VHL	P3J0464
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/22/13 21:31	VHL	P3J0464
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/22/13 21:31	VHL	P3J0464
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/22/13 21:31	VHL	P3J0464
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/22/13 21:31	VHL	P3J0464
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/22/13 21:31	VHL	P3J0464
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/22/13 21:31	VHL	P3J0464
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/22/13 21:31	VHL	P3J0464
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/22/13 21:31	VHL	P3J0464
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/22/13 21:31	VHL	P3J0464
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/22/13 21:31	VHL	P3J0464
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/22/13 21:31	VHL	P3J0464
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/22/13 21:31	VHL	P3J0464
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/22/13 21:31	VHL	P3J0464
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/22/13 21:31	VHL	P3J0464
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/22/13 21:31	VHL	P3J0464

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*110 %*	*80-124*
Dibromofluoromethane	*114 %*	*75-129*
Toluene-d8	*113 %*	*77-123*

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

Laboratory Report

11/19/2013

Nautilus Geologic Consulting, PLLC
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: 3100448-05
Prism Work Order: 3100448
Time Collected: 10/16/13 11:17
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	ug/L	0.20	0.041	1	7470A	10/22/13 13:54	MEH	P3J0443
Arsenic	**0.37 J**	**ug/L**	**1.0**	**0.35**	**1**	**6020A**	**11/1/13 19:53**	**BGM**	**P3J0436**
Barium	**29**	**ug/L**	**5.0**	**0.092**	**1**	**6020A**	**11/1/13 19:53**	**BGM**	**P3J0436**
Cadmium	**1.4**	**ug/L**	**1.0**	**0.032**	**1**	**6020A**	**11/5/13 19:00**	**BGM**	**P3K0053**
Chromium	BRL	ug/L	1.0	0.10	1	6020A	11/1/13 19:53	BGM	P3J0436
Lead	**0.88 J**	**ug/L**	**1.0**	**0.062**	**1**	**6020A**	**11/1/13 19:53**	**BGM**	**P3J0436**
Selenium	BRL	ug/L	1.0	0.15	1	6020A	11/1/13 19:53	BGM	P3J0436
Silver	BRL	ug/L	1.0	0.037	1	6020A	11/1/13 19:53	BGM	P3J0436
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/22/13 21:57	VHL	P3J0464
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/22/13 21:57	VHL	P3J0464
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/22/13 21:57	VHL	P3J0464
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/22/13 21:57	VHL	P3J0464
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/22/13 21:57	VHL	P3J0464
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/22/13 21:57	VHL	P3J0464
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/22/13 21:57	VHL	P3J0464
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/22/13 21:57	VHL	P3J0464
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/22/13 21:57	VHL	P3J0464
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/22/13 21:57	VHL	P3J0464
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/22/13 21:57	VHL	P3J0464
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 21:57	VHL	P3J0464
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/22/13 21:57	VHL	P3J0464
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/22/13 21:57	VHL	P3J0464
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/22/13 21:57	VHL	P3J0464
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/22/13 21:57	VHL	P3J0464
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 21:57	VHL	P3J0464
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/22/13 21:57	VHL	P3J0464
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/22/13 21:57	VHL	P3J0464
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/22/13 21:57	VHL	P3J0464
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/22/13 21:57	VHL	P3J0464
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/22/13 21:57	VHL	P3J0464
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/22/13 21:57	VHL	P3J0464
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 21:57	VHL	P3J0464
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/22/13 21:57	VHL	P3J0464
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/22/13 21:57	VHL	P3J0464
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/22/13 21:57	VHL	P3J0464
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/22/13 21:57	VHL	P3J0464
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/22/13 21:57	VHL	P3J0464
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 21:57	VHL	P3J0464
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/22/13 21:57	VHL	P3J0464
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	10/22/13 21:57	VHL	P3J0464
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/22/13 21:57	VHL	P3J0464

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Nautilus Geologic Consulting, PLLC
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: 3100448-05
Prism Work Order: 3100448
Time Collected: 10/16/13 11:17
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/22/13 21:57	VHL	P3J0464
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/22/13 21:57	VHL	P3J0464
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/22/13 21:57	VHL	P3J0464
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/22/13 21:57	VHL	P3J0464
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/22/13 21:57	VHL	P3J0464
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/22/13 21:57	VHL	P3J0464
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/22/13 21:57	VHL	P3J0464
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/22/13 21:57	VHL	P3J0464
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/22/13 21:57	VHL	P3J0464
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/22/13 21:57	VHL	P3J0464
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/22/13 21:57	VHL	P3J0464
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/22/13 21:57	VHL	P3J0464
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/22/13 21:57	VHL	P3J0464
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/22/13 21:57	VHL	P3J0464
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/22/13 21:57	VHL	P3J0464
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/22/13 21:57	VHL	P3J0464
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/22/13 21:57	VHL	P3J0464

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*108 %*	*80-124*
Dibromofluoromethane	*117 %*	*75-129*
Toluene-d8	*113 %*	*77-123*

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Nautilus Geologic Consulting, PLLC
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: 3100448-06
Prism Work Order: 3100448
Time Collected: 10/16/13 12:33
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	ug/L	0.20	0.041	1	7470A	10/22/13 13:58	MEH	P3J0443
Arsenic	BRL IL	ug/L	1.0	0.35	1	6020A	11/1/13 19:57	BGM	P3J0436
Barium	**67**	**ug/L**	**5.0**	**0.092**	**1**	**6020A**	**11/4/13 17:28**	**BGM**	**P3J0436**
Cadmium	**0.27 J**	**ug/L**	**1.0**	**0.032**	**1**	**6020A**	**11/6/13 8:58**	**BGM**	**P3K0053**
Chromium	BRL IL	ug/L	1.0	0.10	1	6020A	11/1/13 19:57	BGM	P3J0436
Lead	**1.1**	**ug/L**	**1.0**	**0.062**	**1**	**6020A**	**11/4/13 17:28**	**BGM**	**P3J0436**
Selenium	BRL IL	ug/L	1.0	0.15	1	6020A	11/1/13 19:57	BGM	P3J0436
Silver	BRL IL	ug/L	1.0	0.037	1	6020A	11/1/13 19:57	BGM	P3J0436
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/22/13 22:23	VHL	P3J0464
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/22/13 22:23	VHL	P3J0464
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/22/13 22:23	VHL	P3J0464
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/22/13 22:23	VHL	P3J0464
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/22/13 22:23	VHL	P3J0464
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/22/13 22:23	VHL	P3J0464
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/22/13 22:23	VHL	P3J0464
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/22/13 22:23	VHL	P3J0464
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/22/13 22:23	VHL	P3J0464
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/22/13 22:23	VHL	P3J0464
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/22/13 22:23	VHL	P3J0464
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 22:23	VHL	P3J0464
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/22/13 22:23	VHL	P3J0464
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/22/13 22:23	VHL	P3J0464
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/22/13 22:23	VHL	P3J0464
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/22/13 22:23	VHL	P3J0464
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 22:23	VHL	P3J0464
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/22/13 22:23	VHL	P3J0464
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/22/13 22:23	VHL	P3J0464
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/22/13 22:23	VHL	P3J0464
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/22/13 22:23	VHL	P3J0464
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/22/13 22:23	VHL	P3J0464
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/22/13 22:23	VHL	P3J0464
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 22:23	VHL	P3J0464
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/22/13 22:23	VHL	P3J0464
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/22/13 22:23	VHL	P3J0464
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/22/13 22:23	VHL	P3J0464
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/22/13 22:23	VHL	P3J0464
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/22/13 22:23	VHL	P3J0464
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 22:23	VHL	P3J0464
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/22/13 22:23	VHL	P3J0464
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	10/22/13 22:23	VHL	P3J0464
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/22/13 22:23	VHL	P3J0464

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Nautilus Geologic Consulting, PLLC
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: 3100448-06
Prism Work Order: 3100448
Time Collected: 10/16/13 12:33
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/22/13 22:23	VHL	P3J0464
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/22/13 22:23	VHL	P3J0464
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/22/13 22:23	VHL	P3J0464
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/22/13 22:23	VHL	P3J0464
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/22/13 22:23	VHL	P3J0464
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/22/13 22:23	VHL	P3J0464
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/22/13 22:23	VHL	P3J0464
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/22/13 22:23	VHL	P3J0464
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/22/13 22:23	VHL	P3J0464
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/22/13 22:23	VHL	P3J0464
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/22/13 22:23	VHL	P3J0464
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/22/13 22:23	VHL	P3J0464
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/22/13 22:23	VHL	P3J0464
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/22/13 22:23	VHL	P3J0464
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/22/13 22:23	VHL	P3J0464
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/22/13 22:23	VHL	P3J0464
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/22/13 22:23	VHL	P3J0464

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*113 %*	*80-124*
Dibromofluoromethane	*112 %*	*75-129*
Toluene-d8	*112 %*	*77-123*

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Nautilus Geologic Consulting, PLLC
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: 3100448-07
Prism Work Order: 3100448
Time Collected: 10/16/13 13:44
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	ug/L	0.20	0.041	1	7470A	10/22/13 14:02	MEH	P3J0443
Arsenic	**0.50 J**	**ug/L**	**1.0**	**0.35**	**1**	**6020A**	**11/1/13 20:01**	**BGM**	**P3J0436**
Barium	**11**	**ug/L**	**5.0**	**0.092**	**1**	**6020A**	**11/1/13 20:01**	**BGM**	**P3J0436**
Cadmium	BRL	ug/L	1.0	0.032	1	6020A	11/6/13 9:02	BGM	P3K0053
Chromium	BRL	ug/L	1.0	0.10	1	6020A	11/1/13 20:01	BGM	P3J0436
Lead	**0.83 J**	**ug/L**	**1.0**	**0.062**	**1**	**6020A**	**11/1/13 20:01**	**BGM**	**P3J0436**
Selenium	BRL	ug/L	1.0	0.15	1	6020A	11/1/13 20:01	BGM	P3J0436
Silver	BRL	ug/L	1.0	0.037	1	6020A	11/1/13 20:01	BGM	P3J0436
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/22/13 22:49	VHL	P3J0464
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/22/13 22:49	VHL	P3J0464
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/22/13 22:49	VHL	P3J0464
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/22/13 22:49	VHL	P3J0464
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/22/13 22:49	VHL	P3J0464
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/22/13 22:49	VHL	P3J0464
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/22/13 22:49	VHL	P3J0464
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/22/13 22:49	VHL	P3J0464
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/22/13 22:49	VHL	P3J0464
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/22/13 22:49	VHL	P3J0464
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/22/13 22:49	VHL	P3J0464
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 22:49	VHL	P3J0464
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/22/13 22:49	VHL	P3J0464
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/22/13 22:49	VHL	P3J0464
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/22/13 22:49	VHL	P3J0464
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/22/13 22:49	VHL	P3J0464
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 22:49	VHL	P3J0464
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/22/13 22:49	VHL	P3J0464
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/22/13 22:49	VHL	P3J0464
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/22/13 22:49	VHL	P3J0464
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/22/13 22:49	VHL	P3J0464
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/22/13 22:49	VHL	P3J0464
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/22/13 22:49	VHL	P3J0464
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 22:49	VHL	P3J0464
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/22/13 22:49	VHL	P3J0464
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/22/13 22:49	VHL	P3J0464
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/22/13 22:49	VHL	P3J0464
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/22/13 22:49	VHL	P3J0464
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/22/13 22:49	VHL	P3J0464
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 22:49	VHL	P3J0464
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/22/13 22:49	VHL	P3J0464
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	10/22/13 22:49	VHL	P3J0464
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/22/13 22:49	VHL	P3J0464

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Nautilus Geologic Consulting, PLLC
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: 3100448-07
Prism Work Order: 3100448
Time Collected: 10/16/13 13:44
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/22/13 22:49	VHL	P3J0464
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/22/13 22:49	VHL	P3J0464
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/22/13 22:49	VHL	P3J0464
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/22/13 22:49	VHL	P3J0464
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/22/13 22:49	VHL	P3J0464
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/22/13 22:49	VHL	P3J0464
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/22/13 22:49	VHL	P3J0464
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/22/13 22:49	VHL	P3J0464
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/22/13 22:49	VHL	P3J0464
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/22/13 22:49	VHL	P3J0464
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/22/13 22:49	VHL	P3J0464
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/22/13 22:49	VHL	P3J0464
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/22/13 22:49	VHL	P3J0464
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/22/13 22:49	VHL	P3J0464
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/22/13 22:49	VHL	P3J0464
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/22/13 22:49	VHL	P3J0464
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/22/13 22:49	VHL	P3J0464

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*110 %*	*80-124*
Dibromofluoromethane	*114 %*	*75-129*
Toluene-d8	*114 %*	*77-123*

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Nautilus Geologic Consulting, PLLC
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: 3100448-08
Prism Work Order: 3100448
Time Collected: 10/16/13 15:12
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	ug/L	0.20	0.041	1	7470A	10/22/13 14:05	MEH	P3J0443
Arsenic	**2.7**	**ug/L**	**1.0**	**0.35**	**1**	**6020A**	**11/1/13 20:14**	**BGM**	**P3J0436**
Barium	**17**	**ug/L**	**5.0**	**0.092**	**1**	**6020A**	**11/1/13 20:14**	**BGM**	**P3J0436**
Cadmium	BRL	ug/L	1.0	0.032	1	6020A	11/6/13 9:06	BGM	P3K0053
Chromium	**0.95 J**	**ug/L**	**1.0**	**0.10**	**1**	**6020A**	**11/1/13 20:14**	**BGM**	**P3J0436**
Lead	**1.7**	**ug/L**	**1.0**	**0.062**	**1**	**6020A**	**11/1/13 20:14**	**BGM**	**P3J0436**
Selenium	BRL	ug/L	1.0	0.15	1	6020A	11/1/13 20:14	BGM	P3J0436
Silver	BRL	ug/L	1.0	0.037	1	6020A	11/1/13 20:14	BGM	P3J0436
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/22/13 23:15	VHL	P3J0464
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/22/13 23:15	VHL	P3J0464
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/22/13 23:15	VHL	P3J0464
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/22/13 23:15	VHL	P3J0464
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/22/13 23:15	VHL	P3J0464
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/22/13 23:15	VHL	P3J0464
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/22/13 23:15	VHL	P3J0464
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/22/13 23:15	VHL	P3J0464
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/22/13 23:15	VHL	P3J0464
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/22/13 23:15	VHL	P3J0464
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/22/13 23:15	VHL	P3J0464
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 23:15	VHL	P3J0464
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/22/13 23:15	VHL	P3J0464
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/22/13 23:15	VHL	P3J0464
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/22/13 23:15	VHL	P3J0464
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/22/13 23:15	VHL	P3J0464
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 23:15	VHL	P3J0464
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/22/13 23:15	VHL	P3J0464
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/22/13 23:15	VHL	P3J0464
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/22/13 23:15	VHL	P3J0464
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/22/13 23:15	VHL	P3J0464
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/22/13 23:15	VHL	P3J0464
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/22/13 23:15	VHL	P3J0464
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 23:15	VHL	P3J0464
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/22/13 23:15	VHL	P3J0464
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/22/13 23:15	VHL	P3J0464
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/22/13 23:15	VHL	P3J0464
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/22/13 23:15	VHL	P3J0464
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/22/13 23:15	VHL	P3J0464
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 23:15	VHL	P3J0464
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/22/13 23:15	VHL	P3J0464
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	10/22/13 23:15	VHL	P3J0464
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/22/13 23:15	VHL	P3J0464

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Nautilus Geologic Consulting, PLLC
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: 3100448-08
Prism Work Order: 3100448
Time Collected: 10/16/13 15:12
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/22/13 23:15	VHL	P3J0464
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/22/13 23:15	VHL	P3J0464
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/22/13 23:15	VHL	P3J0464
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/22/13 23:15	VHL	P3J0464
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/22/13 23:15	VHL	P3J0464
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/22/13 23:15	VHL	P3J0464
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/22/13 23:15	VHL	P3J0464
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/22/13 23:15	VHL	P3J0464
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/22/13 23:15	VHL	P3J0464
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/22/13 23:15	VHL	P3J0464
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/22/13 23:15	VHL	P3J0464
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/22/13 23:15	VHL	P3J0464
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/22/13 23:15	VHL	P3J0464
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/22/13 23:15	VHL	P3J0464
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/22/13 23:15	VHL	P3J0464
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/22/13 23:15	VHL	P3J0464
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/22/13 23:15	VHL	P3J0464

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*108 %*	*80-124*
Dibromofluoromethane	*115 %*	*75-129*
Toluene-d8	*113 %*	*77-123*

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Nautilus Geologic Consulting, PLLC
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: 3100448-09
Prism Work Order: 3100448
Time Collected: 10/16/13 14:44
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	ug/L	0.20	0.041	1	7470A	10/22/13 14:09	MEH	P3J0443
Arsenic	BRL	ug/L	1.0	0.35	1	6020A	11/1/13 20:17	BGM	P3J0436
Barium	**43**	**ug/L**	**5.0**	**0.092**	**1**	**6020A**	**11/1/13 20:17**	**BGM**	**P3J0436**
Cadmium	BRL	ug/L	1.0	0.032	1	6020A	11/13/13 18:20	BGM	P3K0054
Chromium	BRL	ug/L	1.0	0.10	1	6020A	11/1/13 20:17	BGM	P3J0436
Lead	**1.1**	**ug/L**	**1.0**	**0.062**	**1**	**6020A**	**11/1/13 20:17**	**BGM**	**P3J0436**
Selenium	BRL	ug/L	1.0	0.15	1	6020A	11/1/13 20:17	BGM	P3J0436
Silver	BRL	ug/L	1.0	0.037	1	6020A	11/1/13 20:17	BGM	P3J0436
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/22/13 23:40	VHL	P3J0464
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/22/13 23:40	VHL	P3J0464
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/22/13 23:40	VHL	P3J0464
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/22/13 23:40	VHL	P3J0464
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/22/13 23:40	VHL	P3J0464
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/22/13 23:40	VHL	P3J0464
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/22/13 23:40	VHL	P3J0464
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/22/13 23:40	VHL	P3J0464
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/22/13 23:40	VHL	P3J0464
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/22/13 23:40	VHL	P3J0464
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/22/13 23:40	VHL	P3J0464
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 23:40	VHL	P3J0464
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/22/13 23:40	VHL	P3J0464
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/22/13 23:40	VHL	P3J0464
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/22/13 23:40	VHL	P3J0464
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/22/13 23:40	VHL	P3J0464
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 23:40	VHL	P3J0464
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/22/13 23:40	VHL	P3J0464
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/22/13 23:40	VHL	P3J0464
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/22/13 23:40	VHL	P3J0464
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/22/13 23:40	VHL	P3J0464
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/22/13 23:40	VHL	P3J0464
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/22/13 23:40	VHL	P3J0464
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 23:40	VHL	P3J0464
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/22/13 23:40	VHL	P3J0464
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/22/13 23:40	VHL	P3J0464
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/22/13 23:40	VHL	P3J0464
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/22/13 23:40	VHL	P3J0464
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/22/13 23:40	VHL	P3J0464
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/22/13 23:40	VHL	P3J0464
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/22/13 23:40	VHL	P3J0464
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	10/22/13 23:40	VHL	P3J0464
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/22/13 23:40	VHL	P3J0464

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Nautilus Geologic Consulting, PLLC
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: 3100448-09
Prism Work Order: 3100448
Time Collected: 10/16/13 14:44
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/22/13 23:40	VHL	P3J0464
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/22/13 23:40	VHL	P3J0464
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/22/13 23:40	VHL	P3J0464
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/22/13 23:40	VHL	P3J0464
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/22/13 23:40	VHL	P3J0464
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/22/13 23:40	VHL	P3J0464
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/22/13 23:40	VHL	P3J0464
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/22/13 23:40	VHL	P3J0464
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/22/13 23:40	VHL	P3J0464
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/22/13 23:40	VHL	P3J0464
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/22/13 23:40	VHL	P3J0464
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/22/13 23:40	VHL	P3J0464
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/22/13 23:40	VHL	P3J0464
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/22/13 23:40	VHL	P3J0464
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/22/13 23:40	VHL	P3J0464
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/22/13 23:40	VHL	P3J0464
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/22/13 23:40	VHL	P3J0464

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*111 %*	*80-124*
Dibromofluoromethane	*118 %*	*75-129*
Toluene-d8	*114 %*	*77-123*

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Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW17R
Prism Sample ID: 3100448-10
Prism Work Order: 3100448
Time Collected: 10/16/13 16:27
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	ug/L	0.20	0.041	1	7470A	10/22/13 14:13	MEH	P3J0443
Arsenic	**0.46 J**	**ug/L**	**1.0**	**0.35**	**1**	**6020A**	**11/1/13 20:20**	**BGM**	**P3J0436**
Barium	**110**	**ug/L**	**5.0**	**0.092**	**1**	**6020A**	**11/1/13 20:20**	**BGM**	**P3J0436**
Cadmium	**0.086 J**	**ug/L**	**1.0**	**0.032**	**1**	**6020A**	**11/6/13 9:18**	**BGM**	**P3K0053**
Chromium	BRL	ug/L	1.0	0.10	1	6020A	11/1/13 20:20	BGM	P3J0436
Lead	**1.5**	**ug/L**	**1.0**	**0.062**	**1**	**6020A**	**11/1/13 20:20**	**BGM**	**P3J0436**
Selenium	BRL	ug/L	1.0	0.15	1	6020A	11/1/13 20:20	BGM	P3J0436
Silver	BRL	ug/L	1.0	0.037	1	6020A	11/1/13 20:20	BGM	P3J0436
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/23/13 0:06	VHL	P3J0464
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/23/13 0:06	VHL	P3J0464
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/23/13 0:06	VHL	P3J0464
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/23/13 0:06	VHL	P3J0464
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/23/13 0:06	VHL	P3J0464
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/23/13 0:06	VHL	P3J0464
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 0:06	VHL	P3J0464
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/23/13 0:06	VHL	P3J0464
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 0:06	VHL	P3J0464
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 0:06	VHL	P3J0464
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 0:06	VHL	P3J0464
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 0:06	VHL	P3J0464
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/23/13 0:06	VHL	P3J0464
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/23/13 0:06	VHL	P3J0464
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/23/13 0:06	VHL	P3J0464
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/23/13 0:06	VHL	P3J0464
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 0:06	VHL	P3J0464
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/23/13 0:06	VHL	P3J0464
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/23/13 0:06	VHL	P3J0464
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/23/13 0:06	VHL	P3J0464
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/23/13 0:06	VHL	P3J0464
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 0:06	VHL	P3J0464
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/23/13 0:06	VHL	P3J0464
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 0:06	VHL	P3J0464
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/23/13 0:06	VHL	P3J0464
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/23/13 0:06	VHL	P3J0464
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 0:06	VHL	P3J0464
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/23/13 0:06	VHL	P3J0464
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/23/13 0:06	VHL	P3J0464
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 0:06	VHL	P3J0464
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/23/13 0:06	VHL	P3J0464
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 0:06	VHL	P3J0464
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/23/13 0:06	VHL	P3J0464

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Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW17R
Prism Sample ID: 3100448-10
Prism Work Order: 3100448
Time Collected: 10/16/13 16:27
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/23/13 0:06	VHL	P3J0464
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/23/13 0:06	VHL	P3J0464
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/23/13 0:06	VHL	P3J0464
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/23/13 0:06	VHL	P3J0464
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/23/13 0:06	VHL	P3J0464
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/23/13 0:06	VHL	P3J0464
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/23/13 0:06	VHL	P3J0464
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/23/13 0:06	VHL	P3J0464
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/23/13 0:06	VHL	P3J0464
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 0:06	VHL	P3J0464
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/23/13 0:06	VHL	P3J0464
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/23/13 0:06	VHL	P3J0464
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/23/13 0:06	VHL	P3J0464
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/23/13 0:06	VHL	P3J0464
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/23/13 0:06	VHL	P3J0464
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/23/13 0:06	VHL	P3J0464
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/23/13 0:06	VHL	P3J0464

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*110 %*	*80-124*
Dibromofluoromethane	*116 %*	*75-129*
Toluene-d8	*114 %*	*77-123*

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Laboratory Report

11/19/2013

Nautilus Geologic Consulting, PLLC
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: 3100448-11
Prism Work Order: 3100448
Time Collected: 10/16/13 17:27
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	ug/L	0.20	0.041	1	7470A	10/22/13 14:17	MEH	P3J0443
Arsenic	**0.44 J**	**ug/L**	**1.0**	**0.35**	**1**	**6020A**	**11/1/13 20:24**	**BGM**	**P3J0436**
Barium	**48**	**ug/L**	**5.0**	**0.092**	**1**	**6020A**	**11/1/13 20:24**	**BGM**	**P3J0436**
Cadmium	**0.037 J**	**ug/L**	**1.0**	**0.032**	**1**	**6020A**	**11/6/13 9:22**	**BGM**	**P3K0053**
Chromium	BRL	ug/L	1.0	0.10	1	6020A	11/1/13 20:24	BGM	P3J0436
Lead	**0.97 J**	**ug/L**	**1.0**	**0.062**	**1**	**6020A**	**11/1/13 20:24**	**BGM**	**P3J0436**
Selenium	BRL	ug/L	1.0	0.15	1	6020A	11/1/13 20:24	BGM	P3J0436
Silver	BRL	ug/L	1.0	0.037	1	6020A	11/1/13 20:24	BGM	P3J0436
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/23/13 0:32	VHL	P3J0464
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/23/13 0:32	VHL	P3J0464
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/23/13 0:32	VHL	P3J0464
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/23/13 0:32	VHL	P3J0464
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/23/13 0:32	VHL	P3J0464
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/23/13 0:32	VHL	P3J0464
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 0:32	VHL	P3J0464
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/23/13 0:32	VHL	P3J0464
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 0:32	VHL	P3J0464
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 0:32	VHL	P3J0464
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 0:32	VHL	P3J0464
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 0:32	VHL	P3J0464
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/23/13 0:32	VHL	P3J0464
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/23/13 0:32	VHL	P3J0464
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/23/13 0:32	VHL	P3J0464
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/23/13 0:32	VHL	P3J0464
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 0:32	VHL	P3J0464
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/23/13 0:32	VHL	P3J0464
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/23/13 0:32	VHL	P3J0464
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/23/13 0:32	VHL	P3J0464
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/23/13 0:32	VHL	P3J0464
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 0:32	VHL	P3J0464
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/23/13 0:32	VHL	P3J0464
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 0:32	VHL	P3J0464
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/23/13 0:32	VHL	P3J0464
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/23/13 0:32	VHL	P3J0464
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 0:32	VHL	P3J0464
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/23/13 0:32	VHL	P3J0464
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/23/13 0:32	VHL	P3J0464
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 0:32	VHL	P3J0464
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/23/13 0:32	VHL	P3J0464
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 0:32	VHL	P3J0464
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/23/13 0:32	VHL	P3J0464

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Nautilus Geologic Consulting, PLLC
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: 3100448-11
Prism Work Order: 3100448
Time Collected: 10/16/13 17:27
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/23/13 0:32	VHL	P3J0464
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/23/13 0:32	VHL	P3J0464
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/23/13 0:32	VHL	P3J0464
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/23/13 0:32	VHL	P3J0464
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/23/13 0:32	VHL	P3J0464
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/23/13 0:32	VHL	P3J0464
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/23/13 0:32	VHL	P3J0464
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/23/13 0:32	VHL	P3J0464
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/23/13 0:32	VHL	P3J0464
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 0:32	VHL	P3J0464
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/23/13 0:32	VHL	P3J0464
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/23/13 0:32	VHL	P3J0464
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/23/13 0:32	VHL	P3J0464
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/23/13 0:32	VHL	P3J0464
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/23/13 0:32	VHL	P3J0464
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/23/13 0:32	VHL	P3J0464
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/23/13 0:32	VHL	P3J0464

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*110 %*	*80-124*
Dibromofluoromethane	*111 %*	*75-129*
Toluene-d8	*114 %*	*77-123*

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Laboratory Report

11/19/2013

Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW2
Prism Sample ID: 3100448-12
Prism Work Order: 3100448
Time Collected: 10/16/13 13:00
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	ug/L	0.20	0.041	1	7470A	10/22/13 14:21	MEH	P3J0443
Arsenic	BRL	ug/L	1.0	0.35	1	6020A	11/1/13 20:27	BGM	P3J0436
Barium	**74**	**ug/L**	**5.0**	**0.092**	**1**	**6020A**	**11/1/13 20:27**	**BGM**	**P3J0436**
Cadmium	**0.22 J**	**ug/L**	**1.0**	**0.032**	**1**	**6020A**	**11/6/13 9:25**	**BGM**	**P3K0053**
Chromium	BRL	ug/L	1.0	0.10	1	6020A	11/1/13 20:27	BGM	P3J0436
Lead	**1.6**	**ug/L**	**1.0**	**0.062**	**1**	**6020A**	**11/1/13 20:27**	**BGM**	**P3J0436**
Selenium	**0.45 J**	**ug/L**	**1.0**	**0.15**	**1**	**6020A**	**11/1/13 20:27**	**BGM**	**P3J0436**
Silver	BRL	ug/L	1.0	0.037	1	6020A	11/1/13 20:27	BGM	P3J0436
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/23/13 0:57	VHL	P3J0464
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/23/13 0:57	VHL	P3J0464
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/23/13 0:57	VHL	P3J0464
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/23/13 0:57	VHL	P3J0464
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/23/13 0:57	VHL	P3J0464
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/23/13 0:57	VHL	P3J0464
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 0:57	VHL	P3J0464
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/23/13 0:57	VHL	P3J0464
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 0:57	VHL	P3J0464
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 0:57	VHL	P3J0464
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 0:57	VHL	P3J0464
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 0:57	VHL	P3J0464
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/23/13 0:57	VHL	P3J0464
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/23/13 0:57	VHL	P3J0464
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/23/13 0:57	VHL	P3J0464
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/23/13 0:57	VHL	P3J0464
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 0:57	VHL	P3J0464
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/23/13 0:57	VHL	P3J0464
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/23/13 0:57	VHL	P3J0464
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/23/13 0:57	VHL	P3J0464
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/23/13 0:57	VHL	P3J0464
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 0:57	VHL	P3J0464
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/23/13 0:57	VHL	P3J0464
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 0:57	VHL	P3J0464
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/23/13 0:57	VHL	P3J0464
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/23/13 0:57	VHL	P3J0464
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 0:57	VHL	P3J0464
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/23/13 0:57	VHL	P3J0464
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/23/13 0:57	VHL	P3J0464
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 0:57	VHL	P3J0464
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/23/13 0:57	VHL	P3J0464
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 0:57	VHL	P3J0464
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/23/13 0:57	VHL	P3J0464

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Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW2
Prism Sample ID: 3100448-12
Prism Work Order: 3100448
Time Collected: 10/16/13 13:00
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/23/13 0:57	VHL	P3J0464
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/23/13 0:57	VHL	P3J0464
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/23/13 0:57	VHL	P3J0464
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/23/13 0:57	VHL	P3J0464
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/23/13 0:57	VHL	P3J0464
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/23/13 0:57	VHL	P3J0464
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/23/13 0:57	VHL	P3J0464
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/23/13 0:57	VHL	P3J0464
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/23/13 0:57	VHL	P3J0464
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 0:57	VHL	P3J0464
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/23/13 0:57	VHL	P3J0464
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/23/13 0:57	VHL	P3J0464
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/23/13 0:57	VHL	P3J0464
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/23/13 0:57	VHL	P3J0464
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/23/13 0:57	VHL	P3J0464
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/23/13 0:57	VHL	P3J0464
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/23/13 0:57	VHL	P3J0464

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*110 %*	*80-124*
Dibromofluoromethane	*115 %*	*75-129*
Toluene-d8	*114 %*	*77-123*

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Laboratory Report

11/19/2013

Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW3
Prism Sample ID: 3100448-13
Prism Work Order: 3100448
Time Collected: 10/16/13 12:05
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	ug/L	0.20	0.041	1	7470A	10/22/13 14:24	MEH	P3J0443
Arsenic	**0.98 J**	**ug/L**	**1.0**	**0.35**	**1**	**6020A**	**11/1/13 20:31**	**BGM**	**P3J0436**
Barium	**42**	**ug/L**	**5.0**	**0.092**	**1**	**6020A**	**11/1/13 20:31**	**BGM**	**P3J0436**
Cadmium	**0.11 J**	**ug/L**	**1.0**	**0.032**	**1**	**6020A**	**11/6/13 9:29**	**BGM**	**P3K0053**
Chromium	BRL	ug/L	1.0	0.10	1	6020A	11/1/13 20:31	BGM	P3J0436
Lead	**1.2**	**ug/L**	**1.0**	**0.062**	**1**	**6020A**	**11/1/13 20:31**	**BGM**	**P3J0436**
Selenium	**3.5**	**ug/L**	**1.0**	**0.15**	**1**	**6020A**	**11/1/13 20:31**	**BGM**	**P3J0436**
Silver	BRL	ug/L	1.0	0.037	1	6020A	11/1/13 20:31	BGM	P3J0436
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/23/13 1:23	VHL	P3J0464
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/23/13 1:23	VHL	P3J0464
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/23/13 1:23	VHL	P3J0464
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/23/13 1:23	VHL	P3J0464
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/23/13 1:23	VHL	P3J0464
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/23/13 1:23	VHL	P3J0464
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 1:23	VHL	P3J0464
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/23/13 1:23	VHL	P3J0464
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 1:23	VHL	P3J0464
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 1:23	VHL	P3J0464
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 1:23	VHL	P3J0464
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 1:23	VHL	P3J0464
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/23/13 1:23	VHL	P3J0464
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/23/13 1:23	VHL	P3J0464
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/23/13 1:23	VHL	P3J0464
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/23/13 1:23	VHL	P3J0464
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 1:23	VHL	P3J0464
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/23/13 1:23	VHL	P3J0464
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/23/13 1:23	VHL	P3J0464
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/23/13 1:23	VHL	P3J0464
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/23/13 1:23	VHL	P3J0464
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 1:23	VHL	P3J0464
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/23/13 1:23	VHL	P3J0464
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 1:23	VHL	P3J0464
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/23/13 1:23	VHL	P3J0464
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/23/13 1:23	VHL	P3J0464
cis-1,2-Dichloroethylene	**0.83**	**ug/L**	**0.50**	**0.076**	**1**	**8260B**	**10/23/13 1:23**	**VHL**	**P3J0464**
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/23/13 1:23	VHL	P3J0464
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/23/13 1:23	VHL	P3J0464
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 1:23	VHL	P3J0464
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/23/13 1:23	VHL	P3J0464
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 1:23	VHL	P3J0464

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Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW3
Prism Sample ID: 3100448-13
Prism Work Order: 3100448
Time Collected: 10/16/13 12:05
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/23/13 1:23	VHL	P3J0464
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/23/13 1:23	VHL	P3J0464
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/23/13 1:23	VHL	P3J0464
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/23/13 1:23	VHL	P3J0464
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/23/13 1:23	VHL	P3J0464
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/23/13 1:23	VHL	P3J0464
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/23/13 1:23	VHL	P3J0464
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/23/13 1:23	VHL	P3J0464
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/23/13 1:23	VHL	P3J0464
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/23/13 1:23	VHL	P3J0464
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 1:23	VHL	P3J0464
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/23/13 1:23	VHL	P3J0464
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/23/13 1:23	VHL	P3J0464
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/23/13 1:23	VHL	P3J0464
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/23/13 1:23	VHL	P3J0464
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/23/13 1:23	VHL	P3J0464
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/23/13 1:23	VHL	P3J0464
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/23/13 1:23	VHL	P3J0464

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*114 %*	*80-124*
Dibromofluoromethane	*117 %*	*75-129*
Toluene-d8	*114 %*	*77-123*

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Laboratory Report

11/19/2013

Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW4
Prism Sample ID: 3100448-14
Prism Work Order: 3100448
Time Collected: 10/16/13 11:15
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	ug/L	0.20	0.041	1	7470A	10/22/13 15:09	MEH	P3J0443
Arsenic	**1.3**	**ug/L**	**1.0**	**0.35**	**1**	**6020A**	**11/1/13 20:34**	**BGM**	**P3J0436**
Barium	**23**	**ug/L**	**5.0**	**0.092**	**1**	**6020A**	**11/1/13 20:34**	**BGM**	**P3J0436**
Cadmium	**0.57 J**	**ug/L**	**1.0**	**0.032**	**1**	**6020A**	**11/13/13 16:21**	**BGM**	**P3K0051**
Chromium	BRL	ug/L	1.0	0.10	1	6020A	11/1/13 20:34	BGM	P3J0436
Lead	**0.85 J**	**ug/L**	**1.0**	**0.062**	**1**	**6020A**	**11/1/13 20:34**	**BGM**	**P3J0436**
Selenium	**0.78 J**	**ug/L**	**1.0**	**0.15**	**1**	**6020A**	**11/1/13 20:34**	**BGM**	**P3J0436**
Silver	BRL	ug/L	1.0	0.037	1	6020A	11/1/13 20:34	BGM	P3J0436
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/23/13 1:49	VHL	P3J0464
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/23/13 1:49	VHL	P3J0464
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/23/13 1:49	VHL	P3J0464
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/23/13 1:49	VHL	P3J0464
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/23/13 1:49	VHL	P3J0464
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/23/13 1:49	VHL	P3J0464
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 1:49	VHL	P3J0464
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/23/13 1:49	VHL	P3J0464
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 1:49	VHL	P3J0464
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 1:49	VHL	P3J0464
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 1:49	VHL	P3J0464
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 1:49	VHL	P3J0464
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/23/13 1:49	VHL	P3J0464
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/23/13 1:49	VHL	P3J0464
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/23/13 1:49	VHL	P3J0464
Benzene	**0.77**	**ug/L**	**0.50**	**0.072**	**1**	**8260B**	**10/23/13 1:49**	**VHL**	**P3J0464**
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 1:49	VHL	P3J0464
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/23/13 1:49	VHL	P3J0464
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/23/13 1:49	VHL	P3J0464
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/23/13 1:49	VHL	P3J0464
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/23/13 1:49	VHL	P3J0464
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 1:49	VHL	P3J0464
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/23/13 1:49	VHL	P3J0464
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 1:49	VHL	P3J0464
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/23/13 1:49	VHL	P3J0464
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/23/13 1:49	VHL	P3J0464
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 1:49	VHL	P3J0464
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/23/13 1:49	VHL	P3J0464
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/23/13 1:49	VHL	P3J0464
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 1:49	VHL	P3J0464
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/23/13 1:49	VHL	P3J0464
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 1:49	VHL	P3J0464

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Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW4
Prism Sample ID: 3100448-14
Prism Work Order: 3100448
Time Collected: 10/16/13 11:15
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/23/13 1:49	VHL	P3J0464
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/23/13 1:49	VHL	P3J0464
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/23/13 1:49	VHL	P3J0464
Methyl Isobutyl Ketone	**0.53 J**	**ug/L**	**5.0**	**0.12**	**1**	**8260B**	**10/23/13 1:49**	**VHL**	**P3J0464**
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/23/13 1:49	VHL	P3J0464
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/23/13 1:49	VHL	P3J0464
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/23/13 1:49	VHL	P3J0464
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/23/13 1:49	VHL	P3J0464
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/23/13 1:49	VHL	P3J0464
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/23/13 1:49	VHL	P3J0464
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 1:49	VHL	P3J0464
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/23/13 1:49	VHL	P3J0464
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/23/13 1:49	VHL	P3J0464
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/23/13 1:49	VHL	P3J0464
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/23/13 1:49	VHL	P3J0464
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/23/13 1:49	VHL	P3J0464
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/23/13 1:49	VHL	P3J0464
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/23/13 1:49	VHL	P3J0464

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*113 %*	*80-124*
Dibromofluoromethane	*115 %*	*75-129*
Toluene-d8	*120 %*	*77-123*

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Laboratory Report

11/19/2013

Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW5
Prism Sample ID: 3100448-15
Prism Work Order: 3100448
Time Collected: 10/16/13 15:45
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	ug/L	0.20	0.041	1	7470A	10/22/13 15:13	MEH	P3J0443
Arsenic	**0.46 J**	**ug/L**	**1.0**	**0.35**	**1**	**6020A**	**11/1/13 20:38**	**BGM**	**P3J0436**
Barium	**31**	**ug/L**	**5.0**	**0.092**	**1**	**6020A**	**11/1/13 20:38**	**BGM**	**P3J0436**
Cadmium	**0.12 J**	**ug/L**	**1.0**	**0.032**	**1**	**6020A**	**11/13/13 15:35**	**BGM**	**P3K0051**
Chromium	BRL	ug/L	1.0	0.10	1	6020A	11/1/13 20:38	BGM	P3J0436
Lead	**0.87 J**	**ug/L**	**1.0**	**0.062**	**1**	**6020A**	**11/1/13 20:38**	**BGM**	**P3J0436**
Selenium	**0.66 J**	**ug/L**	**1.0**	**0.15**	**1**	**6020A**	**11/1/13 20:38**	**BGM**	**P3J0436**
Silver	BRL	ug/L	1.0	0.037	1	6020A	11/1/13 20:38	BGM	P3J0436
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/23/13 11:14	VHL	P3J0487
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/23/13 11:14	VHL	P3J0487
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/23/13 11:14	VHL	P3J0487
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/23/13 11:14	VHL	P3J0487
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/23/13 11:14	VHL	P3J0487
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/23/13 11:14	VHL	P3J0487
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 11:14	VHL	P3J0487
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/23/13 11:14	VHL	P3J0487
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 11:14	VHL	P3J0487
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 11:14	VHL	P3J0487
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 11:14	VHL	P3J0487
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 11:14	VHL	P3J0487
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/23/13 11:14	VHL	P3J0487
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/23/13 11:14	VHL	P3J0487
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/23/13 11:14	VHL	P3J0487
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/23/13 11:14	VHL	P3J0487
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 11:14	VHL	P3J0487
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/23/13 11:14	VHL	P3J0487
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/23/13 11:14	VHL	P3J0487
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/23/13 11:14	VHL	P3J0487
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/23/13 11:14	VHL	P3J0487
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 11:14	VHL	P3J0487
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/23/13 11:14	VHL	P3J0487
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 11:14	VHL	P3J0487
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/23/13 11:14	VHL	P3J0487
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/23/13 11:14	VHL	P3J0487
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 11:14	VHL	P3J0487
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/23/13 11:14	VHL	P3J0487
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/23/13 11:14	VHL	P3J0487
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 11:14	VHL	P3J0487
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/23/13 11:14	VHL	P3J0487
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 11:14	VHL	P3J0487
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/23/13 11:14	VHL	P3J0487

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Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW5
Prism Sample ID: 3100448-15
Prism Work Order: 3100448
Time Collected: 10/16/13 15:45
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/23/13 11:14	VHL	P3J0487
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/23/13 11:14	VHL	P3J0487
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/23/13 11:14	VHL	P3J0487
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/23/13 11:14	VHL	P3J0487
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/23/13 11:14	VHL	P3J0487
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/23/13 11:14	VHL	P3J0487
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/23/13 11:14	VHL	P3J0487
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/23/13 11:14	VHL	P3J0487
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/23/13 11:14	VHL	P3J0487
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 11:14	VHL	P3J0487
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/23/13 11:14	VHL	P3J0487
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/23/13 11:14	VHL	P3J0487
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/23/13 11:14	VHL	P3J0487
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/23/13 11:14	VHL	P3J0487
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/23/13 11:14	VHL	P3J0487
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/23/13 11:14	VHL	P3J0487
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/23/13 11:14	VHL	P3J0487

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*112 %*	*80-124*
Dibromofluoromethane	*116 %*	*75-129*
Toluene-d8	*118 %*	*77-123*

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Laboratory Report

11/19/2013

Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW6
Prism Sample ID: 3100448-16
Prism Work Order: 3100448
Time Collected: 10/16/13 14:40
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	ug/L	0.20	0.041	1	7470A	10/22/13 15:17	MEH	P3J0443
Arsenic	**0.98 J**	**ug/L**	**1.0**	**0.35**	**1**	**6020A**	**11/1/13 20:41**	**BGM**	**P3J0436**
Barium	**29**	**ug/L**	**5.0**	**0.092**	**1**	**6020A**	**11/1/13 20:41**	**BGM**	**P3J0436**
Cadmium	**0.054 J**	**ug/L**	**1.0**	**0.032**	**1**	**6020A**	**11/13/13 15:39**	**BGM**	**P3K0051**
Chromium	BRL	ug/L	1.0	0.10	1	6020A	11/1/13 20:41	BGM	P3J0436
Lead	**0.44 J**	**ug/L**	**1.0**	**0.062**	**1**	**6020A**	**11/1/13 20:41**	**BGM**	**P3J0436**
Selenium	**1.1**	**ug/L**	**1.0**	**0.15**	**1**	**6020A**	**11/1/13 20:41**	**BGM**	**P3J0436**
Silver	BRL	ug/L	1.0	0.037	1	6020A	11/1/13 20:41	BGM	P3J0436
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/23/13 11:39	VHL	P3J0487
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/23/13 11:39	VHL	P3J0487
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/23/13 11:39	VHL	P3J0487
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/23/13 11:39	VHL	P3J0487
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/23/13 11:39	VHL	P3J0487
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/23/13 11:39	VHL	P3J0487
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 11:39	VHL	P3J0487
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/23/13 11:39	VHL	P3J0487
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 11:39	VHL	P3J0487
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 11:39	VHL	P3J0487
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 11:39	VHL	P3J0487
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 11:39	VHL	P3J0487
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/23/13 11:39	VHL	P3J0487
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/23/13 11:39	VHL	P3J0487
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/23/13 11:39	VHL	P3J0487
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/23/13 11:39	VHL	P3J0487
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 11:39	VHL	P3J0487
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/23/13 11:39	VHL	P3J0487
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/23/13 11:39	VHL	P3J0487
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/23/13 11:39	VHL	P3J0487
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/23/13 11:39	VHL	P3J0487
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 11:39	VHL	P3J0487
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/23/13 11:39	VHL	P3J0487
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 11:39	VHL	P3J0487
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/23/13 11:39	VHL	P3J0487
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/23/13 11:39	VHL	P3J0487
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 11:39	VHL	P3J0487
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/23/13 11:39	VHL	P3J0487
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/23/13 11:39	VHL	P3J0487
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 11:39	VHL	P3J0487
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/23/13 11:39	VHL	P3J0487
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 11:39	VHL	P3J0487
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/23/13 11:39	VHL	P3J0487

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Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW6
Prism Sample ID: 3100448-16
Prism Work Order: 3100448
Time Collected: 10/16/13 14:40
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/23/13 11:39	VHL	P3J0487
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/23/13 11:39	VHL	P3J0487
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/23/13 11:39	VHL	P3J0487
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/23/13 11:39	VHL	P3J0487
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/23/13 11:39	VHL	P3J0487
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/23/13 11:39	VHL	P3J0487
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/23/13 11:39	VHL	P3J0487
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/23/13 11:39	VHL	P3J0487
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/23/13 11:39	VHL	P3J0487
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 11:39	VHL	P3J0487
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/23/13 11:39	VHL	P3J0487
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/23/13 11:39	VHL	P3J0487
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/23/13 11:39	VHL	P3J0487
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/23/13 11:39	VHL	P3J0487
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/23/13 11:39	VHL	P3J0487
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/23/13 11:39	VHL	P3J0487
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/23/13 11:39	VHL	P3J0487

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*111 %*	*80-124*
Dibromofluoromethane	*114 %*	*75-129*
Toluene-d8	*114 %*	*77-123*

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

Laboratory Report

11/19/2013

Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW7
Prism Sample ID: 3100448-17
Prism Work Order: 3100448
Time Collected: 10/16/13 13:50
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	ug/L	0.20	0.041	1	7470A	10/22/13 14:47	MEH	P3J0443
Arsenic	**0.40 J**	**ug/L**	**1.0**	**0.35**	**1**	**6020A**	**11/1/13 20:44**	**BGM**	**P3J0436**
Barium	**52**	**ug/L**	**5.0**	**0.092**	**1**	**6020A**	**11/1/13 20:44**	**BGM**	**P3J0436**
Cadmium	**0.11 J**	**ug/L**	**1.0**	**0.032**	**1**	**6020A**	**11/13/13 15:43**	**BGM**	**P3K0051**
Chromium	BRL	ug/L	1.0	0.10	1	6020A	11/1/13 20:44	BGM	P3J0436
Lead	**4.0**	**ug/L**	**1.0**	**0.062**	**1**	**6020A**	**11/1/13 20:44**	**BGM**	**P3J0436**
Selenium	**0.96 J**	**ug/L**	**1.0**	**0.15**	**1**	**6020A**	**11/1/13 20:44**	**BGM**	**P3J0436**
Silver	BRL	ug/L	1.0	0.037	1	6020A	11/1/13 20:44	BGM	P3J0436
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/23/13 12:05	VHL	P3J0487
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/23/13 12:05	VHL	P3J0487
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/23/13 12:05	VHL	P3J0487
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/23/13 12:05	VHL	P3J0487
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/23/13 12:05	VHL	P3J0487
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/23/13 12:05	VHL	P3J0487
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 12:05	VHL	P3J0487
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/23/13 12:05	VHL	P3J0487
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 12:05	VHL	P3J0487
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 12:05	VHL	P3J0487
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 12:05	VHL	P3J0487
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 12:05	VHL	P3J0487
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/23/13 12:05	VHL	P3J0487
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/23/13 12:05	VHL	P3J0487
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/23/13 12:05	VHL	P3J0487
Benzene	**0.61**	**ug/L**	**0.50**	**0.072**	**1**	**8260B**	**10/23/13 12:05**	**VHL**	**P3J0487**
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 12:05	VHL	P3J0487
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/23/13 12:05	VHL	P3J0487
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/23/13 12:05	VHL	P3J0487
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/23/13 12:05	VHL	P3J0487
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/23/13 12:05	VHL	P3J0487
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 12:05	VHL	P3J0487
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/23/13 12:05	VHL	P3J0487
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 12:05	VHL	P3J0487
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/23/13 12:05	VHL	P3J0487
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/23/13 12:05	VHL	P3J0487
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 12:05	VHL	P3J0487
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/23/13 12:05	VHL	P3J0487
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/23/13 12:05	VHL	P3J0487
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 12:05	VHL	P3J0487
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/23/13 12:05	VHL	P3J0487
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 12:05	VHL	P3J0487

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Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW7
Prism Sample ID: 3100448-17
Prism Work Order: 3100448
Time Collected: 10/16/13 13:50
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/23/13 12:05	VHL	P3J0487
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/23/13 12:05	VHL	P3J0487
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/23/13 12:05	VHL	P3J0487
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/23/13 12:05	VHL	P3J0487
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/23/13 12:05	VHL	P3J0487
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/23/13 12:05	VHL	P3J0487
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/23/13 12:05	VHL	P3J0487
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/23/13 12:05	VHL	P3J0487
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/23/13 12:05	VHL	P3J0487
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/23/13 12:05	VHL	P3J0487
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 12:05	VHL	P3J0487
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/23/13 12:05	VHL	P3J0487
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/23/13 12:05	VHL	P3J0487
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/23/13 12:05	VHL	P3J0487
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/23/13 12:05	VHL	P3J0487
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/23/13 12:05	VHL	P3J0487
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/23/13 12:05	VHL	P3J0487
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/23/13 12:05	VHL	P3J0487

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*109 %*	*80-124*
Dibromofluoromethane	*115 %*	*75-129*
Toluene-d8	*115 %*	*77-123*

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Laboratory Report

11/19/2013

Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW8
Prism Sample ID: 3100448-18
Prism Work Order: 3100448
Time Collected: 10/16/13 10:25
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	ug/L	0.20	0.041	1	7470A	10/22/13 14:51	MEH	P3J0443
Arsenic	BRL	ug/L	1.0	0.35	1	6020A	11/1/13 20:58	BGM	P3J0436
Barium	**56**	**ug/L**	**5.0**	**0.092**	**1**	**6020A**	**11/1/13 20:58**	**BGM**	**P3J0436**
Cadmium	**0.064 J**	**ug/L**	**1.0**	**0.032**	**1**	**6020A**	**11/13/13 15:46**	**BGM**	**P3K0051**
Chromium	BRL	ug/L	1.0	0.10	1	6020A	11/1/13 20:58	BGM	P3J0436
Lead	**1.3**	**ug/L**	**1.0**	**0.062**	**1**	**6020A**	**11/1/13 20:58**	**BGM**	**P3J0436**
Selenium	BRL	ug/L	1.0	0.15	1	6020A	11/1/13 20:58	BGM	P3J0436
Silver	BRL	ug/L	1.0	0.037	1	6020A	11/1/13 20:58	BGM	P3J0436
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/23/13 12:31	VHL	P3J0487
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/23/13 12:31	VHL	P3J0487
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/23/13 12:31	VHL	P3J0487
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/23/13 12:31	VHL	P3J0487
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/23/13 12:31	VHL	P3J0487
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/23/13 12:31	VHL	P3J0487
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 12:31	VHL	P3J0487
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/23/13 12:31	VHL	P3J0487
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 12:31	VHL	P3J0487
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 12:31	VHL	P3J0487
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 12:31	VHL	P3J0487
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 12:31	VHL	P3J0487
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/23/13 12:31	VHL	P3J0487
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/23/13 12:31	VHL	P3J0487
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/23/13 12:31	VHL	P3J0487
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/23/13 12:31	VHL	P3J0487
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 12:31	VHL	P3J0487
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/23/13 12:31	VHL	P3J0487
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/23/13 12:31	VHL	P3J0487
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/23/13 12:31	VHL	P3J0487
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/23/13 12:31	VHL	P3J0487
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 12:31	VHL	P3J0487
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/23/13 12:31	VHL	P3J0487
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 12:31	VHL	P3J0487
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/23/13 12:31	VHL	P3J0487
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/23/13 12:31	VHL	P3J0487
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 12:31	VHL	P3J0487
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/23/13 12:31	VHL	P3J0487
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/23/13 12:31	VHL	P3J0487
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 12:31	VHL	P3J0487
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/23/13 12:31	VHL	P3J0487
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 12:31	VHL	P3J0487
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/23/13 12:31	VHL	P3J0487

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Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW8
Prism Sample ID: 3100448-18
Prism Work Order: 3100448
Time Collected: 10/16/13 10:25
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/23/13 12:31	VHL	P3J0487
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/23/13 12:31	VHL	P3J0487
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/23/13 12:31	VHL	P3J0487
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/23/13 12:31	VHL	P3J0487
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/23/13 12:31	VHL	P3J0487
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/23/13 12:31	VHL	P3J0487
Tetrachloroethylene	**4.0**	**ug/L**	**0.50**	**0.069**	**1**	**8260B**	**10/23/13 12:31**	**VHL**	**P3J0487**
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/23/13 12:31	VHL	P3J0487
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/23/13 12:31	VHL	P3J0487
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 12:31	VHL	P3J0487
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/23/13 12:31	VHL	P3J0487
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/23/13 12:31	VHL	P3J0487
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/23/13 12:31	VHL	P3J0487
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/23/13 12:31	VHL	P3J0487
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/23/13 12:31	VHL	P3J0487
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/23/13 12:31	VHL	P3J0487
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/23/13 12:31	VHL	P3J0487

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*113 %*	*80-124*
Dibromofluoromethane	*115 %*	*75-129*
Toluene-d8	*114 %*	*77-123*

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Laboratory Report

11/19/2013

Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW9
Prism Sample ID: 3100448-19
Prism Work Order: 3100448
Time Collected: 10/16/13 09:35
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	**0.051 J**	**ug/L**	**0.20**	**0.041**	**1**	**7470A**	**10/22/13 14:55**	**MEH**	**P3J0443**
Arsenic	BRL	ug/L	1.0	0.35	1	6020A	11/1/13 21:01	BGM	P3J0436
Barium	**540**	**ug/L**	**5.0**	**0.092**	**1**	**6020A**	**11/1/13 21:01**	**BGM**	**P3J0436**
Cadmium	**0.28 J**	**ug/L**	**1.0**	**0.032**	**1**	**6020A**	**11/13/13 15:50**	**BGM**	**P3K0051**
Chromium	BRL	ug/L	1.0	0.10	1	6020A	11/1/13 21:01	BGM	P3J0436
Lead	**7.4**	**ug/L**	**1.0**	**0.062**	**1**	**6020A**	**11/1/13 21:01**	**BGM**	**P3J0436**
Selenium	BRL	ug/L	1.0	0.15	1	6020A	11/1/13 21:01	BGM	P3J0436
Silver	BRL	ug/L	1.0	0.037	1	6020A	11/1/13 21:01	BGM	P3J0436
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/23/13 12:57	VHL	P3J0487
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/23/13 12:57	VHL	P3J0487
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/23/13 12:57	VHL	P3J0487
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/23/13 12:57	VHL	P3J0487
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/23/13 12:57	VHL	P3J0487
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/23/13 12:57	VHL	P3J0487
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 12:57	VHL	P3J0487
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/23/13 12:57	VHL	P3J0487
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 12:57	VHL	P3J0487
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 12:57	VHL	P3J0487
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 12:57	VHL	P3J0487
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 12:57	VHL	P3J0487
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/23/13 12:57	VHL	P3J0487
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/23/13 12:57	VHL	P3J0487
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/23/13 12:57	VHL	P3J0487
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/23/13 12:57	VHL	P3J0487
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 12:57	VHL	P3J0487
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/23/13 12:57	VHL	P3J0487
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/23/13 12:57	VHL	P3J0487
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/23/13 12:57	VHL	P3J0487
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/23/13 12:57	VHL	P3J0487
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 12:57	VHL	P3J0487
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/23/13 12:57	VHL	P3J0487
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 12:57	VHL	P3J0487
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/23/13 12:57	VHL	P3J0487
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/23/13 12:57	VHL	P3J0487
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 12:57	VHL	P3J0487
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/23/13 12:57	VHL	P3J0487
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/23/13 12:57	VHL	P3J0487
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 12:57	VHL	P3J0487
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/23/13 12:57	VHL	P3J0487
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 12:57	VHL	P3J0487
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/23/13 12:57	VHL	P3J0487

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Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW9
Prism Sample ID: 3100448-19
Prism Work Order: 3100448
Time Collected: 10/16/13 09:35
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/23/13 12:57	VHL	P3J0487
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/23/13 12:57	VHL	P3J0487
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/23/13 12:57	VHL	P3J0487
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/23/13 12:57	VHL	P3J0487
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/23/13 12:57	VHL	P3J0487
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/23/13 12:57	VHL	P3J0487
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/23/13 12:57	VHL	P3J0487
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/23/13 12:57	VHL	P3J0487
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/23/13 12:57	VHL	P3J0487
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 12:57	VHL	P3J0487
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/23/13 12:57	VHL	P3J0487
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/23/13 12:57	VHL	P3J0487
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/23/13 12:57	VHL	P3J0487
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/23/13 12:57	VHL	P3J0487
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/23/13 12:57	VHL	P3J0487
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/23/13 12:57	VHL	P3J0487
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/23/13 12:57	VHL	P3J0487

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*114 %*	*80-124*
Dibromofluoromethane	*115 %*	*75-129*
Toluene-d8	*121 %*	*77-123*

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Laboratory Report

11/19/2013

Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-SW1
Prism Sample ID: 3100448-20
Prism Work Order: 3100448
Time Collected: 10/16/13 14:55
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	ug/L	0.20	0.041	1	7470A	10/22/13 14:59	MEH	P3J0443
Arsenic	**0.65 J**	**ug/L**	**1.0**	**0.35**	**1**	**6020A**	**11/1/13 21:05**	**BGM**	**P3J0436**
Barium	**24**	**ug/L**	**5.0**	**0.092**	**1**	**6020A**	**11/1/13 21:05**	**BGM**	**P3J0436**
Cadmium	**0.052 J**	**ug/L**	**1.0**	**0.032**	**1**	**6020A**	**11/13/13 16:06**	**BGM**	**P3K0051**
Chromium	BRL	ug/L	1.0	0.10	1	6020A	11/1/13 21:05	BGM	P3J0436
Lead	**0.41 J**	**ug/L**	**1.0**	**0.062**	**1**	**6020A**	**11/1/13 21:05**	**BGM**	**P3J0436**
Selenium	**0.45 J**	**ug/L**	**1.0**	**0.15**	**1**	**6020A**	**11/1/13 21:05**	**BGM**	**P3J0436**
Silver	BRL	ug/L	1.0	0.037	1	6020A	11/1/13 21:05	BGM	P3J0436
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/23/13 13:23	VHL	P3J0487
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/23/13 13:23	VHL	P3J0487
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/23/13 13:23	VHL	P3J0487
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/23/13 13:23	VHL	P3J0487
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/23/13 13:23	VHL	P3J0487
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/23/13 13:23	VHL	P3J0487
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 13:23	VHL	P3J0487
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/23/13 13:23	VHL	P3J0487
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 13:23	VHL	P3J0487
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 13:23	VHL	P3J0487
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 13:23	VHL	P3J0487
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 13:23	VHL	P3J0487
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/23/13 13:23	VHL	P3J0487
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/23/13 13:23	VHL	P3J0487
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/23/13 13:23	VHL	P3J0487
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/23/13 13:23	VHL	P3J0487
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 13:23	VHL	P3J0487
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/23/13 13:23	VHL	P3J0487
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/23/13 13:23	VHL	P3J0487
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/23/13 13:23	VHL	P3J0487
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/23/13 13:23	VHL	P3J0487
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 13:23	VHL	P3J0487
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/23/13 13:23	VHL	P3J0487
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 13:23	VHL	P3J0487
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/23/13 13:23	VHL	P3J0487
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/23/13 13:23	VHL	P3J0487
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 13:23	VHL	P3J0487
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/23/13 13:23	VHL	P3J0487
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/23/13 13:23	VHL	P3J0487
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 13:23	VHL	P3J0487
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/23/13 13:23	VHL	P3J0487
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 13:23	VHL	P3J0487
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/23/13 13:23	VHL	P3J0487

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Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-SW1
Prism Sample ID: 3100448-20
Prism Work Order: 3100448
Time Collected: 10/16/13 14:55
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/23/13 13:23	VHL	P3J0487
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/23/13 13:23	VHL	P3J0487
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/23/13 13:23	VHL	P3J0487
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/23/13 13:23	VHL	P3J0487
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/23/13 13:23	VHL	P3J0487
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/23/13 13:23	VHL	P3J0487
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/23/13 13:23	VHL	P3J0487
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/23/13 13:23	VHL	P3J0487
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/23/13 13:23	VHL	P3J0487
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 13:23	VHL	P3J0487
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/23/13 13:23	VHL	P3J0487
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/23/13 13:23	VHL	P3J0487
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/23/13 13:23	VHL	P3J0487
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/23/13 13:23	VHL	P3J0487
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/23/13 13:23	VHL	P3J0487
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/23/13 13:23	VHL	P3J0487
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/23/13 13:23	VHL	P3J0487

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*114 %*	*80-124*
Dibromofluoromethane	*118 %*	*75-129*
Toluene-d8	*118 %*	*77-123*

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Laboratory Report

11/19/2013

Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-SW2
Prism Sample ID: 3100448-21
Prism Work Order: 3100448
Time Collected: 10/16/13 12:20
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	ug/L	0.20	0.041	1	7470A	10/22/13 15:20	MEH	P3J0443
Arsenic	**0.51 J**	**ug/L**	**1.0**	**0.35**	**1**	**6020A**	**11/4/13 17:31**	**BGM**	**P3J0436**
Barium	**26**	**ug/L**	**5.0**	**0.092**	**1**	**6020A**	**11/4/13 17:31**	**BGM**	**P3J0436**
Cadmium	**0.44 J**	**ug/L**	**1.0**	**0.032**	**1**	**6020A**	**11/13/13 16:02**	**BGM**	**P3K0051**
Chromium	BRL	ug/L	1.0	0.10	1	6020A	11/4/13 17:31	BGM	P3J0436
Lead	**2.9**	**ug/L**	**1.0**	**0.062**	**1**	**6020A**	**11/4/13 17:31**	**BGM**	**P3J0436**
Selenium	**0.43 J**	**ug/L**	**1.0**	**0.15**	**1**	**6020A**	**11/4/13 17:31**	**BGM**	**P3J0436**
Silver	BRL	ug/L	1.0	0.037	1	6020A	11/4/13 17:31	BGM	P3J0436
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/23/13 13:49	VHL	P3J0487
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/23/13 13:49	VHL	P3J0487
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/23/13 13:49	VHL	P3J0487
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/23/13 13:49	VHL	P3J0487
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/23/13 13:49	VHL	P3J0487
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/23/13 13:49	VHL	P3J0487
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 13:49	VHL	P3J0487
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/23/13 13:49	VHL	P3J0487
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 13:49	VHL	P3J0487
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 13:49	VHL	P3J0487
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/23/13 13:49	VHL	P3J0487
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 13:49	VHL	P3J0487
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/23/13 13:49	VHL	P3J0487
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/23/13 13:49	VHL	P3J0487
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/23/13 13:49	VHL	P3J0487
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/23/13 13:49	VHL	P3J0487
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 13:49	VHL	P3J0487
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/23/13 13:49	VHL	P3J0487
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/23/13 13:49	VHL	P3J0487
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/23/13 13:49	VHL	P3J0487
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/23/13 13:49	VHL	P3J0487
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 13:49	VHL	P3J0487
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/23/13 13:49	VHL	P3J0487
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 13:49	VHL	P3J0487
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/23/13 13:49	VHL	P3J0487
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/23/13 13:49	VHL	P3J0487
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/23/13 13:49	VHL	P3J0487
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/23/13 13:49	VHL	P3J0487
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/23/13 13:49	VHL	P3J0487
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/23/13 13:49	VHL	P3J0487
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/23/13 13:49	VHL	P3J0487
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	10/23/13 13:49	VHL	P3J0487
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/23/13 13:49	VHL	P3J0487

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Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-SW2
Prism Sample ID: 3100448-21
Prism Work Order: 3100448
Time Collected: 10/16/13 12:20
Time Submitted: 10/17/13 15:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/23/13 13:49	VHL	P3J0487
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/23/13 13:49	VHL	P3J0487
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/23/13 13:49	VHL	P3J0487
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/23/13 13:49	VHL	P3J0487
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/23/13 13:49	VHL	P3J0487
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/23/13 13:49	VHL	P3J0487
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/23/13 13:49	VHL	P3J0487
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/23/13 13:49	VHL	P3J0487
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/23/13 13:49	VHL	P3J0487
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/23/13 13:49	VHL	P3J0487
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/23/13 13:49	VHL	P3J0487
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/23/13 13:49	VHL	P3J0487
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/23/13 13:49	VHL	P3J0487
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/23/13 13:49	VHL	P3J0487
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/23/13 13:49	VHL	P3J0487
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/23/13 13:49	VHL	P3J0487
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/23/13 13:49	VHL	P3J0487

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*114 %*	*80-124*
Dibromofluoromethane	*113 %*	*75-129*
Toluene-d8	*115 %*	*77-123*

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Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 3100448
Time Submitted: 10/17/2013 3:20:00PM

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 P3J0464 - 5030B										
Blank (P3J0464-BLK1)				Prepared & Analyzed: 10/22/13						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,2,3-Trichloropropane	BRL	1.0	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
Acetone	BRL	5.0	ug/L							
Acrylonitrile	BRL	20	ug/L							
Benzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Ethylbenzene	BRL	0.50	ug/L							
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Iodide	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	5.0	ug/L							
Methylene Chloride	BRL	1.0	ug/L							
o-Xylene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Tetrahydrofuran	BRL	10	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
trans-1,4-Dichloro-2-butene	BRL	10	ug/L							
Trichloroethylene	BRL	0.50	ug/L							

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Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 3100448
Time Submitted: 10/17/2013 3:20:00PM

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 P3J0464 - 5030B										
Blank (P3J0464-BLK1)				Prepared & Analyzed: 10/22/13						
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	*55.2*		*ug/L*	*50.00*		*110*	*80-124*			
Surrogate: Dibromofluoromethane	*56.5*		*ug/L*	*50.00*		*113*	*75-129*			
Surrogate: Toluene-d8	*56.3*		*ug/L*	*50.00*		*113*	*77-123*			
LCS (P3J0464-BS1)				Prepared & Analyzed: 10/22/13						
1,1-Dichloroethylene	19.9	0.50	ug/L	20.00		100	70-154			
Benzene	18.6	0.50	ug/L	20.00		93	77-128			
Chlorobenzene	19.4	0.50	ug/L	20.00		97	78-119			
Tetrahydrofuran	18.6	10	ug/L	20.00		93	70-130			
Toluene	18.2	0.50	ug/L	20.00		91	76-131			
Trichloroethylene	19.1	0.50	ug/L	20.00		95	77-133			
Surrogate: 4-Bromofluorobenzene	*54.1*		*ug/L*	*50.00*		*108*	*80-124*			
Surrogate: Dibromofluoromethane	*56.5*		*ug/L*	*50.00*		*113*	*75-129*			
Surrogate: Toluene-d8	*57.0*		*ug/L*	*50.00*		*114*	*77-123*			
LCS Dup (P3J0464-BSD1)				Prepared & Analyzed: 10/22/13						
1,1-Dichloroethylene	19.5	0.50	ug/L	20.00		98	70-154	2	20	
Benzene	18.1	0.50	ug/L	20.00		90	77-128	3	20	
Chlorobenzene	19.2	0.50	ug/L	20.00		96	78-119	1	20	
Tetrahydrofuran	18.1	10	ug/L	20.00		91	70-130	2	20	
Toluene	18.3	0.50	ug/L	20.00		91	76-131	0.05	20	
Trichloroethylene	18.6	0.50	ug/L	20.00		93	77-133	2	20	
Surrogate: 4-Bromofluorobenzene	*52.7*		*ug/L*	*50.00*		*105*	*80-124*			
Surrogate: Dibromofluoromethane	*55.9*		*ug/L*	*50.00*		*112*	*75-129*			
Surrogate: Toluene-d8	*56.4*		*ug/L*	*50.00*		*113*	*77-123*			

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Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
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Wendell, NC 27591

Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 3100448
Time Submitted: 10/17/2013 3:20:00PM

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 P3J0464 - 5030B										
Matrix Spike (P3J0464-MS1)		**Source: 3100448-04**		Prepared: 10/22/13	Analyzed: 10/23/13					
1,1-Dichloroethylene	186	5.0	ug/L	200.0	BRL	93	65-162			
Benzene	173	5.0	ug/L	200.0	BRL	87	73-131			
Chlorobenzene	182	5.0	ug/L	200.0	BRL	91	76-119			
Tetrahydrofuran	167	100	ug/L	200.0	BRL	84	70-130			
Toluene	168	5.0	ug/L	200.0	BRL	84	72-135			
Trichloroethylene	169	5.0	ug/L	200.0	BRL	85	72-133			
Surrogate: 4-Bromofluorobenzene	*539*		*ug/L*	*500.0*		*108*	*80-124*			
Surrogate: Dibromofluoromethane	*549*		*ug/L*	*500.0*		*110*	*75-129*			
Surrogate: Toluene-d8	*572*		*ug/L*	*500.0*		*114*	*77-123*			
Matrix Spike Dup (P3J0464-MSD1)		**Source: 3100448-04**		Prepared: 10/22/13	Analyzed: 10/23/13					
1,1-Dichloroethylene	195	5.0	ug/L	200.0	BRL	97	65-162	5	20	
Benzene	181	5.0	ug/L	200.0	BRL	91	73-131	5	17	
Chlorobenzene	191	5.0	ug/L	200.0	BRL	95	76-119	5	20	
Tetrahydrofuran	176	100	ug/L	200.0	BRL	88	70-130	5	20	
Toluene	173	5.0	ug/L	200.0	BRL	87	72-135	3	18	
Trichloroethylene	182	5.0	ug/L	200.0	BRL	91	72-133	7	17	
Surrogate: 4-Bromofluorobenzene	*543*		*ug/L*	*500.0*		*109*	*80-124*			
Surrogate: Dibromofluoromethane	*550*		*ug/L*	*500.0*		*110*	*75-129*			
Surrogate: Toluene-d8	*575*		*ug/L*	*500.0*		*115*	*77-123*			
Batch P3J0487 - 5030B										
Blank (P3J0487-BLK1)				Prepared & Analyzed: 10/23/13						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,2,3-Trichloropropane	BRL	1.0	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
Acetone	BRL	5.0	ug/L							
Acrylonitrile	BRL	20	ug/L							
Benzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							

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Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 3100448
Time Submitted: 10/17/2013 3:20:00PM

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 P3J0487 - 5030B										
Blank (P3J0487-BLK1)				Prepared & Analyzed: 10/23/13						
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							
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	*56.0*		*ug/L*	*50.00*		*112*	*80-124*			
Surrogate: Dibromofluoromethane	*57.5*		*ug/L*	*50.00*		*115*	*75-129*			
Surrogate: Toluene-d8	*57.7*		*ug/L*	*50.00*		*115*	*77-123*			

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Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 3100448
Time Submitted: 10/17/2013 3:20:00PM

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 P3J0487 - 5030B										
LCS (P3J0487-BS1)				Prepared & Analyzed: 10/23/13						
1,1-Dichloroethylene	21.3	0.50	ug/L	20.00		106	70-154			
Benzene	19.7	0.50	ug/L	20.00		98	77-128			
Chlorobenzene	20.1	0.50	ug/L	20.00		100	78-119			
Tetrahydrofuran	19.0	10	ug/L	20.00		95	70-130			
Toluene	19.0	0.50	ug/L	20.00		95	76-131			
Trichloroethylene	19.6	0.50	ug/L	20.00		98	77-133			
Surrogate: 4-Bromofluorobenzene	*53.3*		*ug/L*	*50.00*		*107*	*80-124*			
Surrogate: Dibromofluoromethane	*56.6*		*ug/L*	*50.00*		*113*	*75-129*			
Surrogate: Toluene-d8	*56.3*		*ug/L*	*50.00*		*113*	*77-123*			
LCS Dup (P3J0487-BSD1)				Prepared & Analyzed: 10/23/13						
1,1-Dichloroethylene	19.6	0.50	ug/L	20.00		98	70-154	8	20	
Benzene	18.2	0.50	ug/L	20.00		91	77-128	8	20	
Chlorobenzene	19.3	0.50	ug/L	20.00		97	78-119	4	20	
Tetrahydrofuran	18.1	10	ug/L	20.00		91	70-130	5	20	
Toluene	17.7	0.50	ug/L	20.00		88	76-131	7	20	
Trichloroethylene	17.8	0.50	ug/L	20.00		89	77-133	10	20	
Surrogate: 4-Bromofluorobenzene	*54.2*		*ug/L*	*50.00*		*108*	*80-124*			
Surrogate: Dibromofluoromethane	*55.0*		*ug/L*	*50.00*		*110*	*75-129*			
Surrogate: Toluene-d8	*56.0*		*ug/L*	*50.00*		*112*	*77-123*			

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Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 3100448
Time Submitted: 10/17/2013 3:20:00PM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3J0436 - 3005A										
Blank (P3J0436-BLK1)				Prepared: 10/22/13	Analyzed: 11/01/13					
Arsenic	0.449	1.0	ug/L							J
Barium	1.30	5.0	ug/L							J
Chromium	BRL	1.0	ug/L							
Lead	BRL	1.0	ug/L							
Selenium	BRL	1.0	ug/L							
Silver	BRL	1.0	ug/L							
LCS (P3J0436-BS1)				Prepared: 10/22/13	Analyzed: 11/01/13					
Arsenic	87.8	1.0	ug/L	100.0		88	80-120			
Barium	87.5	5.0	ug/L	100.0		88	80-120			
Chromium	90.7	1.0	ug/L	100.0		91	80-120			
Lead	86.0	1.0	ug/L	100.0		86	80-120			
Selenium	84.5	1.0	ug/L	100.0		84	80-120			
Silver	84.4	1.0	ug/L	100.0		84	80-120			
Matrix Spike (P3J0436-MS1)	**Source: 3100448-02**			Prepared: 10/22/13	Analyzed: 11/01/13					
Arsenic	84.0	1.0	ug/L	100.0	0.429	84	75-125			
Barium	87.7	5.0	ug/L	100.0	4.51	83	75-125			
Chromium	87.6	1.0	ug/L	100.0	BRL	88	75-125			
Lead	83.1	1.0	ug/L	100.0	0.116	83	75-125			
Selenium	80.8	1.0	ug/L	100.0	BRL	81	75-125			
Silver	80.6	1.0	ug/L	100.0	BRL	81	75-125			
Matrix Spike Dup (P3J0436-MSD1)	**Source: 3100448-02**			Prepared: 10/22/13	Analyzed: 11/01/13					
Arsenic	91.0	1.0	ug/L	100.0	0.429	91	75-125	8	20	
Barium	96.3	5.0	ug/L	100.0	4.51	92	75-125	9	20	
Chromium	94.0	1.0	ug/L	100.0	BRL	94	75-125	7	20	
Lead	89.0	1.0	ug/L	100.0	0.116	89	75-125	7	20	
Selenium	87.4	1.0	ug/L	100.0	BRL	87	75-125	8	20	
Silver	87.1	1.0	ug/L	100.0	BRL	87	75-125	8	20	

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Wendell, NC 27591

Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 3100448
Time Submitted: 10/17/2013 3:20:00PM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3J0443 - 7470A										
Blank (P3J0443-BLK1)				Prepared & Analyzed: 10/22/13						
Mercury	BRL	0.20	ug/L							
LCS (P3J0443-BS1)				Prepared & Analyzed: 10/22/13						
Mercury	10.0	0.20	ug/L	9.375		107	80-120			
Matrix Spike (P3J0443-MS1)		**Source: 3100448-03**		Prepared & Analyzed: 10/22/13						
Mercury	9.31	0.20	ug/L	9.375	0.181	97	80-120			
Matrix Spike Dup (P3J0443-MSD1)		**Source: 3100448-03**		Prepared & Analyzed: 10/22/13						
Mercury	9.31	0.20	ug/L	9.375	0.181	97	80-120	0.06	20	
Batch P3K0051 - 3005A										
Blank (P3K0051-BLK1)				Prepared: 11/05/13 Analyzed: 11/13/13						
Cadmium	BRL	1.0	ug/L							
LCS (P3K0051-BS1)				Prepared: 11/05/13 Analyzed: 11/13/13						
Cadmium	96.2	1.0	ug/L	100.0		96	80-120			
Batch P3K0053 - 3005A										
Blank (P3K0053-BLK1)				Prepared & Analyzed: 11/05/13						
Cadmium	BRL	1.0	ug/L							
LCS (P3K0053-BS1)				Prepared & Analyzed: 11/05/13						
Cadmium	96.5	1.0	ug/L	100.0		97	80-120			

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Nautilus Geologic Consulting, PLLC
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 3100448
Time Submitted: 10/17/2013 3:20:00PM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3K0054 - 3005A										
Blank (P3K0054-BLK1)				Prepared: 11/05/13	Analyzed: 11/13/13					
Cadmium	BRL	1.0	ug/L							
LCS (P3K0054-BS1)				Prepared: 11/05/13	Analyzed: 11/13/13					
Cadmium	103	1.0	ug/L	100.0		103	80-120			

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Sample Extraction Data

Prep Method: 3005A

Lab Number	Batch	Initial	Final	Date/Time
3100448-02	P3K0053	50 mL	50 mL	11/05/13 8:30
3100448-02	P3J0436	50 mL	50 mL	10/22/13 8:30
3100448-03	P3J0436	50 mL	50 mL	10/22/13 8:30
3100448-03	P3K0053	50 mL	50 mL	11/05/13 8:30
3100448-04	P3J0436	50 mL	50 mL	10/22/13 8:30
3100448-04	P3K0053	50 mL	50 mL	11/05/13 8:30
3100448-05	P3J0436	50 mL	50 mL	10/22/13 8:30
3100448-05	P3K0053	50 mL	50 mL	11/05/13 8:30
3100448-06	P3K0053	50 mL	50 mL	11/05/13 8:30
3100448-06	P3J0436	50 mL	50 mL	10/22/13 8:30
3100448-06	P3J0436	50 mL	50 mL	10/22/13 8:30
3100448-07	P3J0436	50 mL	50 mL	10/22/13 8:30
3100448-07	P3K0053	50 mL	50 mL	11/05/13 8:30
3100448-08	P3K0053	50 mL	50 mL	11/05/13 8:30
3100448-08	P3J0436	50 mL	50 mL	10/22/13 8:30
3100448-09	P3J0436	50 mL	50 mL	10/22/13 8:30
3100448-09	P3K0054	50 mL	50 mL	11/05/13 8:30
3100448-10	P3J0436	50 mL	50 mL	10/22/13 8:30
3100448-10	P3K0053	50 mL	50 mL	11/05/13 8:30
3100448-11	P3J0436	50 mL	50 mL	10/22/13 8:30
3100448-11	P3K0053	50 mL	50 mL	11/05/13 8:30
3100448-12	P3J0436	50 mL	50 mL	10/22/13 8:30
3100448-12	P3K0053	50 mL	50 mL	11/05/13 8:30
3100448-13	P3K0053	50 mL	50 mL	11/05/13 8:30
3100448-13	P3J0436	50 mL	50 mL	10/22/13 8:30
3100448-14	P3K0051	50 mL	50 mL	11/05/13 8:30
3100448-14	P3J0436	50 mL	50 mL	10/22/13 8:30
3100448-15	P3K0051	50 mL	50 mL	11/05/13 8:30
3100448-15	P3J0436	50 mL	50 mL	10/22/13 8:30
3100448-16	P3J0436	50 mL	50 mL	10/22/13 8:30
3100448-16	P3K0051	50 mL	50 mL	11/05/13 8:30
3100448-17	P3J0436	50 mL	50 mL	10/22/13 8:30
3100448-17	P3K0051	50 mL	50 mL	11/05/13 8:30
3100448-18	P3J0436	50 mL	50 mL	10/22/13 8:30
3100448-18	P3K0051	50 mL	50 mL	11/05/13 8:30
3100448-19	P3K0051	50 mL	50 mL	11/05/13 8:30
3100448-19	P3J0436	50 mL	50 mL	10/22/13 8:30
3100448-20	P3J0436	50 mL	50 mL	10/22/13 8:30
3100448-20	P3K0051	50 mL	50 mL	11/05/13 8:30
3100448-21	P3J0436	50 mL	50 mL	10/22/13 8:30
3100448-21	P3K0051	50 mL	50 mL	11/05/13 8:30

Prep Method: 7470A

Lab Number	Batch	Initial	Final	Date/Time
3100448-02	P3J0443	20 mL	30 mL	10/22/13 10:05
3100448-03	P3J0443	20 mL	30 mL	10/22/13 10:05
3100448-04	P3J0443	20 mL	30 mL	10/22/13 10:05
3100448-05	P3J0443	20 mL	30 mL	10/22/13 10:05
3100448-06	P3J0443	20 mL	30 mL	10/22/13 10:05
3100448-07	P3J0443	20 mL	30 mL	10/22/13 10:05
3100448-08	P3J0443	20 mL	30 mL	10/22/13 10:05
3100448-09	P3J0443	20 mL	30 mL	10/22/13 10:05
3100448-10	P3J0443	20 mL	30 mL	10/22/13 10:05
3100448-11	P3J0443	20 mL	30 mL	10/22/13 10:05
3100448-12	P3J0443	20 mL	30 mL	10/22/13 10:05
3100448-13	P3J0443	20 mL	30 mL	10/22/13 10:05

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Sample Extraction Data

Prep Method: 7470A

Lab Number	Batch	Initial	Final	Date/Time
3100448-14	P3J0443	20 mL	30 mL	10/22/13 10:05
3100448-15	P3J0443	20 mL	30 mL	10/22/13 10:05
3100448-16	P3J0443	20 mL	30 mL	10/22/13 10:05
3100448-17	P3J0443	20 mL	30 mL	10/22/13 10:05
3100448-18	P3J0443	20 mL	30 mL	10/22/13 10:05
3100448-19	P3J0443	20 mL	30 mL	10/22/13 10:05
3100448-20	P3J0443	20 mL	30 mL	10/22/13 10:05
3100448-21	P3J0443	20 mL	30 mL	10/22/13 10:05

Prep Method: 5030B

Lab Number	Batch	Initial	Final	Date/Time
3100448-01	P3J0464	10 mL	10 mL	10/22/13 8:00
3100448-02	P3J0464	10 mL	10 mL	10/22/13 8:00
3100448-03	P3J0464	10 mL	10 mL	10/22/13 8:00
3100448-04	P3J0464	10 mL	10 mL	10/22/13 8:00
3100448-05	P3J0464	10 mL	10 mL	10/22/13 8:00
3100448-06	P3J0464	10 mL	10 mL	10/22/13 8:00
3100448-07	P3J0464	10 mL	10 mL	10/22/13 8:00
3100448-08	P3J0464	10 mL	10 mL	10/22/13 8:00
3100448-09	P3J0464	10 mL	10 mL	10/22/13 8:00
3100448-10	P3J0464	10 mL	10 mL	10/22/13 8:00
3100448-11	P3J0464	10 mL	10 mL	10/22/13 8:00
3100448-12	P3J0464	10 mL	10 mL	10/22/13 8:00
3100448-13	P3J0464	10 mL	10 mL	10/22/13 8:00
3100448-14	P3J0464	10 mL	10 mL	10/22/13 8:00
3100448-15	P3J0487	10 mL	10 mL	10/23/13 8:13
3100448-16	P3J0487	10 mL	10 mL	10/23/13 8:13
3100448-17	P3J0487	10 mL	10 mL	10/23/13 8:13
3100448-18	P3J0487	10 mL	10 mL	10/23/13 8:13
3100448-19	P3J0487	10 mL	10 mL	10/23/13 8:13
3100448-20	P3J0487	10 mL	10 mL	10/23/13 8:13
3100448-21	P3J0487	10 mL	10 mL	10/23/13 8:13

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

449 Springbrook Road • Charlotte, NC 28217
Phone 704/529-6364 • Fax: 704/525-0409

CHAIN OF CUSTODY RECORD

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

Client Company Name: NAUTILUS GEOLOGIC
Report To/Contact Name: BRIAN S. ROUTIN
Reporting Address: 1112 BANDING IRON PL
WENDELL, NC 27591
Phone: 919-366-3663 Fax (Yes) (No): _____
Email Address: _____
EDD Type: PDF____ Excel____ Other_____
Site Location Name: CC TIRE LF
Site Location Physical Address: CAMERON, NC
PERMIT #4304

Project Name: CC TIRE LF
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (NO)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: NAUTILUS GEOLOGIC
Address: SAME

Purchase Order No./Billing Reference_____
Requested Due Date ❑ 1 Day ❑ 2 Days ❑ 3 Days ❑ 4 Days ❑ 5 Days
"Working Days" ❑ 6-9 Days ❑ Standard 10 days ❑ Rush Work Must Be Pre-Approved
Samples received after 14:00 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?	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		✓
CUSTODY SEALS INTACT?			
VOLATILES rec'd W/OUT HEADSPACE?	✓	✓	
PROPER CONTAINERS used?	✓		

TEMP: Therm ID: IRT-9 Observed: 4.2 °C / Corr: 4.4 °C

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC____ DoD____ 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	ANALYSIS REQUESTED: APP. IV-5	VOCs	RCRA METALS	NOI 30306				REMARKS	PRISM LAB ID NO.
4304-TRIP BLANK	10/16/13	—	GW	VOA/~~P~~	2/~~1~~	40ml/~~250~~	~~NONE~~/~~HCL/HNO3~~	2	~~1~~							#1
4304-EB01		1015		VOA/P	2/2/1	40ml/250	NONE/HCL/HNO3	4	1							#2
4304-MW10		0854						4	1							#3
4304-MW18		0957														#4
4304-MW11		1117														#5
4304-MW14		1233														#6
4304-MW13		1344														#7
4304-MW12		1512														#8
4304-SWL EXP.		1444														#9
4304-MW17R		1627														#10

PRESS DOWN FIRMLY - 3 COPIES

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

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

Relinquished By: (Signature)	Received By: (Signature)	Date	Military/Hours
Rich Yare	Nathan Beaudoin	10/17/13	900
Nathan Beaudoin	David Mai	10-17-13	1135
David Mai 10-17-13 1520	Received for Prism Laboratories By:	10-17-13	15:20

Additional Comments:

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

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. 310044B

PDES:	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)

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ORIGINAL

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Phone 704/529-6364 • Fax: 704/525-0409

CHAIN OF CUSTODY RECORD

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

Client Company Name: NAUTILUS GEOLOGIC
Report To/Contact Name: BRIAN S. BOUTIN
Reporting Address: 1112 BRANDINE LAN R.
WENDELL, NC 27591
Phone: 919-366-3663 Fax (Yes) (No): _____
Email Address: _____
EDD Type: PDF____ Excel____ Other_____
Site Location Name: C C TIRE LF
Site Location Physical Address: CAMERON, NC
PERMIT #4304

Project Name: C C TIRE LF
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (NO)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: NAUTILUS GEOLOGIC
Address: SAME

Purchase Order No./Billing Reference_____
Requested Due Date ❑ 1 Day ❑ 2 Days ❑ 3 Days ❑ 4 Days ❑ 5 Days
"Working Days" ❑ 6-9 Days ❑ Standard 10 days ❑ Rush Work Must Be Pre-Approved
Samples received after 14:00 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?	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?		✓	✓
VOLATILES rec'd W/OUT HEADSPACE?	✓		
PROPER CONTAINERS used?	✓		

TEMP: Therm ID: IRT-9 Observed: 4.2 °C / Corr: 4.4 °C

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC____ DoD____ 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	ANALYSIS REQUESTED: APP-IX	VOCs	RCRA METALS					REMARKS	PRISM LAB ID NO.
4304-MW16	10/16/13	1727	GW	VOA/P	2/1	40ml/250	NONE/HCL/HNO3	4	1							11
4304-MW2		1300						4	1							12
4304-MW3		1205														13
4304-MW4		1115														14
4304-MW5		1545														15
4304-MW6		1440														16
4304-MW7		1350														17
4304-MW8		1025														18
4304-MW9		0935														19
4304-SW1		1455	SW													20
4304-SW2		1220	SW												VIALS CONTAINED HEADSPACE NA/PRISM	21

1 - Unpreserved

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

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

Relinquished By: (Signature)	Received By: (Signature)	Date	Military/Hours
Rich Lane	Nathan Bouchard	10/17/13	900
Nathan Bouchard	David Moi	10/17/13	1135
David Moi 10/17/13 1520	Received For Prism Laboratories By:	10-17-13	15:20

Additional Comments:

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

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. 310448

DES:	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)

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