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):

Brian S. Boutin, PG

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Brian S. Boutin, PG Phone: 919-366-3663 (office); 919-995-0363 (cell)

E-mail: bboutinpg@bellsouth.net

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Central Carolina Tire Monofill Phase I/II	1616 McKoy Town Road Cameron, Harnett County, NC	43-04	.0500	April 13, 2011

Environmental Status: (Check all that apply)

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

Type of data submitted: (Check all that apply)

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

Notification attached?

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

Certification

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

Brian S. Boutin, PG — Consultant for Facility — 919-366-3663 (office); 919-995-0363 (cell)

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

Signature — June 6, 2011 — Date

Affix NC Licensed/ Professional Geologist Seal

11112 Branding Iron Place, Wendell, NC 27591

Facility Representative Address

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

Revised 6/2009

Brian S. Boutin, PG
Consulting Geologist

Explanatory Text for Notification Table
Central Carolina Tire Monofill Landfill
Cameron, Harnett, NC
Permit # 43-04
April 13, 2011 Water Quality Monitoring

The results of the April 2011 groundwater and surface water quality monitoring conducted at the Central Carolina Tire Monofill Landfill Phase I/II are generally consistent with the results of previous monitoring conducted at the site. With the exception of arsenic and barium at monitoring well MW-9, 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. It is noted that MW-9 serves as the upgradient, background monitoring well for the Phase I/II landfill. Therefore, the results of analyses of groundwater samples collected from MW-9 are considered to be representative of groundwater entering the Phase I/II landfill from areas upgradient of the facility.

No Appendix I VOCs were reported in either surface water sample at concentrations that exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards or the 15A NCAC 2B surface water quality standards. The results of the analyses of the groundwater samples for Appendix I VOCs are generally consistent with the historical data presented in **Table 3**. It is noted that the level of PCE reported at MW-8 in April 2011 exceeds the 15A NCAC 2L .0202 groundwater quality standard of 0.70 µg/L. None of the other VOCs reported in the groundwater samples were detected at concentrations that exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards.

The results of a preliminary site assessment conducted in November 2010 indicate that the source of PCE in groundwater at MW-8 is unrelated to the Phase I/II landfill and is located in the vicinity of the maintenance shelter located north of MW-8. The results of the preliminary site assessment are reported in the January 2011 *Preliminary Site Assessment Report* submitted to the NCDENR Solid Waste Section.

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Brian S. Boutin, PG
Consulting Geologist

May 17, 2011

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

RE: Report of Results
Semi-Annual Groundwater and Surface Water Monitoring: April 2011
Central Carolina Tire Monofill Landfill Phase I/II
Cameron, Harnett County, NC
Permit # 43-04

Dear Ms. Drummond:

This report presents the results of semi-annual groundwater and surface water quality monitoring conducted at the landfill site referenced above (**Figure 1**) in April 2011. The scope of work performed included sampling and laboratory analysis of groundwater samples from eight on-site monitoring wells (MW-2 through MW-9) and surface water samples from two on-site locations (SW-1 and SW-2). The groundwater and surface water samples were collected in accordance with the NCDENR, Division of Waste Management (DWM), Solid Waste Section (SWS) Groundwater Monitoring Guidance Document and the facility Water Quality Monitoring Plan. The sampling and data collection methods, as well as the current and historical results of field and laboratory testing of the water samples, are presented in the following sections.

1.0 POTENTIOMETRIC PATTERN AND GROUNDWATER FLOW

Groundwater levels were gauged in the site groundwater monitoring wells on April 13, 2011 as part of the site monitoring. Depths to groundwater were measured using an electronic interface probe that was thoroughly decontaminated between wells with a non-phosphate soap and water wash followed in order by multiple rinses with distilled water, an isopropyl alcohol rinse, and multiple distilled water rinses. Depth to water measurements were made after the wells were opened for a sufficient periods of time to allow water levels to equilibrate with atmospheric pressure. The locations of the site monitoring wells are depicted in **Figure 2**. Groundwater elevation data collected at the

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monitoring wells on April 13, 2011 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 approximately 3.5 feet at MW-2 (located adjacent to a low-lying wetland area) to approximately 24 feet at MW-9, which is consistent with the surface topography.

A water-table elevation contour map that was developed based on the April 13, 2011 groundwater-gauging data for the Type II monitoring wells is presented as **Figure 3**. The pattern of the water-table contours indicates that the horizontal component of shallow groundwater flow at the site is generally to the south and southeast, which is consistent with the surface topography and drainage features at the site. The average hydraulic gradient of the water table, based on the data depicted in **Figure 3**, ranges from approximately 0.045 ft/ft in west-southwest portion of the site to approximately 0.023 ft/ft in the east-northeast portion of the site.

2.0 RESULTS OF GROUNDWATER AND SURFACE WATER SAMPLING AND ANALYSIS

Groundwater samples were collected from the site monitoring wells and surface water samples were collected from two on-site locations on April 13, 2011 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

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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 (4.02 to 5.39). Specific conductance values ranged from 44 (MW-8) to 492 (MW-9) µS/cm in groundwater at the Type II monitoring wells. Turbidity values ranged from 2.4 (MW-5) to 9.3 (MW-6) NTUs.

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

All groundwater and surface water samples were analyzed at a North Carolina-certified laboratory for Appendix I volatile organic compounds (VOCs) by SW 846 Method 8260 and the 8 RCRA metals by EPA 6000/7000 series methods. Summarized results of laboratory analyses for groundwater and surface water samples collected from the site on April 13, 2011 are presented in **Table 2**. Summarized historical groundwater and surface water quality data for the site are presented in **Table 3**. Copies of the original laboratory reports are included in **Appendix B**.

The laboratory analytical results for the surface water samples collected from the site on April 13, 2011 indicate that no VOCs were reported in either sample. Low levels of barium were reported in both of the surface water samples; in addition, low levels of cadmium and lead were reported in sample SW-2. It is noted that none of the reported concentrations of metals in the surface water samples exceed the corresponding 15A NCAC 2B surface water quality standards.

The laboratory analytical results for the groundwater samples collected from the site monitoring wells on April 13, 2011 indicate that low levels of cis-1,2-dichloroethene and bromomethane were reported in the groundwater sample collected from monitoring well MW-3, and low levels of benzene and chloroethane were reported in the groundwater sample collected from monitoring well MW-4. The levels of VOCs reported in the groundwater samples collected from these wells were below the corresponding 15A NCAC 2L .0202 groundwater quality standards. Tetrachloroethene (PCE) was reported at a concentration of 5.4 µg/L in the sample from MW-8, which exceeds the 15A NCAC 2L .0202 groundwater quality standard of 0.70 µg/L. It is noted that the results of a preliminary site assessment conducted in November 2010 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.

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The results of the metals analyses of the groundwater samples indicate that arsenic was reported in one of the samples, barium was reported in all of the samples, cadmium and lead were reported in five of the samples and mercury was reported in two of the eight samples. With the exception of arsenic and barium at MW-9, none of the reported concentrations of metals in the groundwater samples exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards. Arsenic was reported at a concentration of 13 µg/L and barium was reported at a concentration of 940 µg/L in the groundwater sample collected from monitoring well MW-9, which exceed the 15A NCAC 2L groundwater quality standards of 10 µg/L and 700 µg/L, respectively. It is noted that MW-9 serves as the upgradient, background monitoring well for the Phase I/II landfill. Agricultural land is located hydraulically upgradient of MW-9. Therefore, the results of analyses of groundwater samples collected from MW-9 are considered to be representative of groundwater entering the Phase I/II landfill from areas upgradient of the facility.

3.0 CONCLUSIONS AND RECOMMENDATIONS

The results of the April 2011 groundwater and surface water quality monitoring conducted at the Central Carolina Tire Monofill Landfill Phase I/II are generally consistent with the results of previous monitoring conducted at the site. With the exception of arsenic and barium at monitoring well MW-9, 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. It is noted that MW-9 serves as the upgradient, background monitoring well for the Phase I/II landfill. Therefore, the results of analyses of groundwater samples collected from MW-9 are considered to be representative of groundwater entering the Phase I/II landfill from areas upgradient of the facility.

No Appendix I VOCs were reported in either surface water sample at concentrations that exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards or the 15A NCAC 2B surface water quality standards. The results of the analyses of the groundwater samples for Appendix I VOCs are generally consistent with the historical data presented in **Table 3**. It is noted that the level of PCE reported at MW-8 in April 2011 exceeds the 15A NCAC 2L .0202 groundwater quality standard of 0.70 µg/L. None of the other VOCs reported in the groundwater samples were detected at concentrations that exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards.

The results of a preliminary site assessment conducted in November 2010 indicate that the source of PCE in groundwater at MW-8 is unrelated to the Phase I/II landfill and is located in the vicinity of the maintenance shelter located north of MW-8. The results of the preliminary site assessment are reported in the January 2011 *Preliminary Site Assessment Report* submitted to the NCDENR Solid Waste Section.

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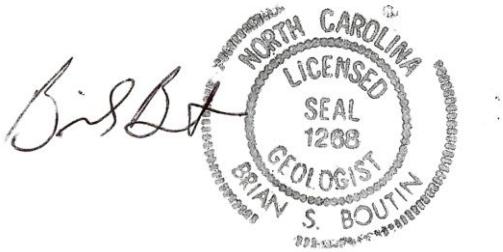
If you have any questions or require further assistance regarding this report, please call me at 919-995-0363. The next water quality monitoring event for the Central Carolina Tire Monofill Landfill is scheduled for October 2011.

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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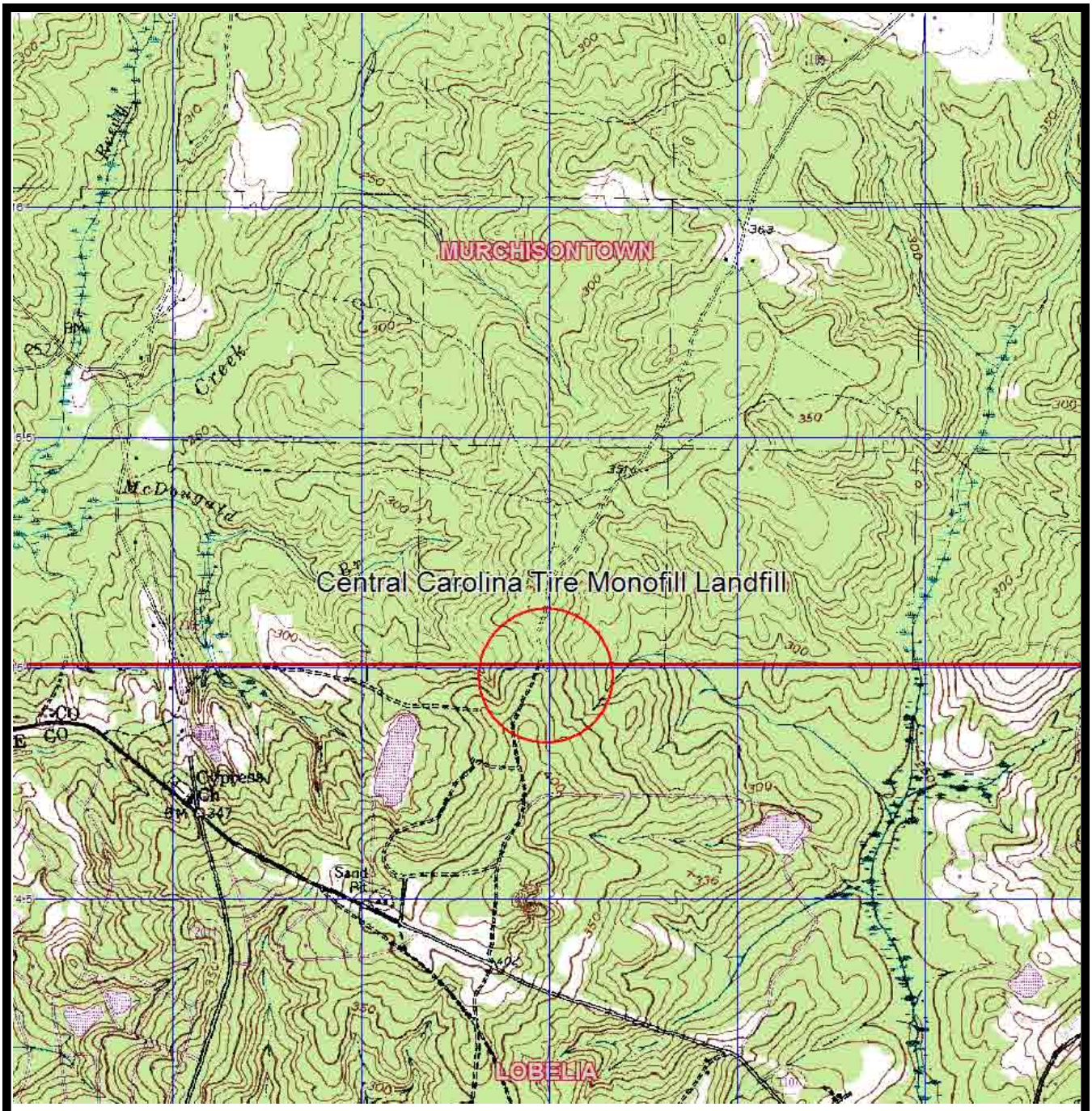


Source: USGS 7.5' Topographic Quadrangle Series
Murchisontown and Lobelia, North Carolina 1981

N

2000 1000 0 1000 2000

SCALE

Garrett and Moore, Inc.

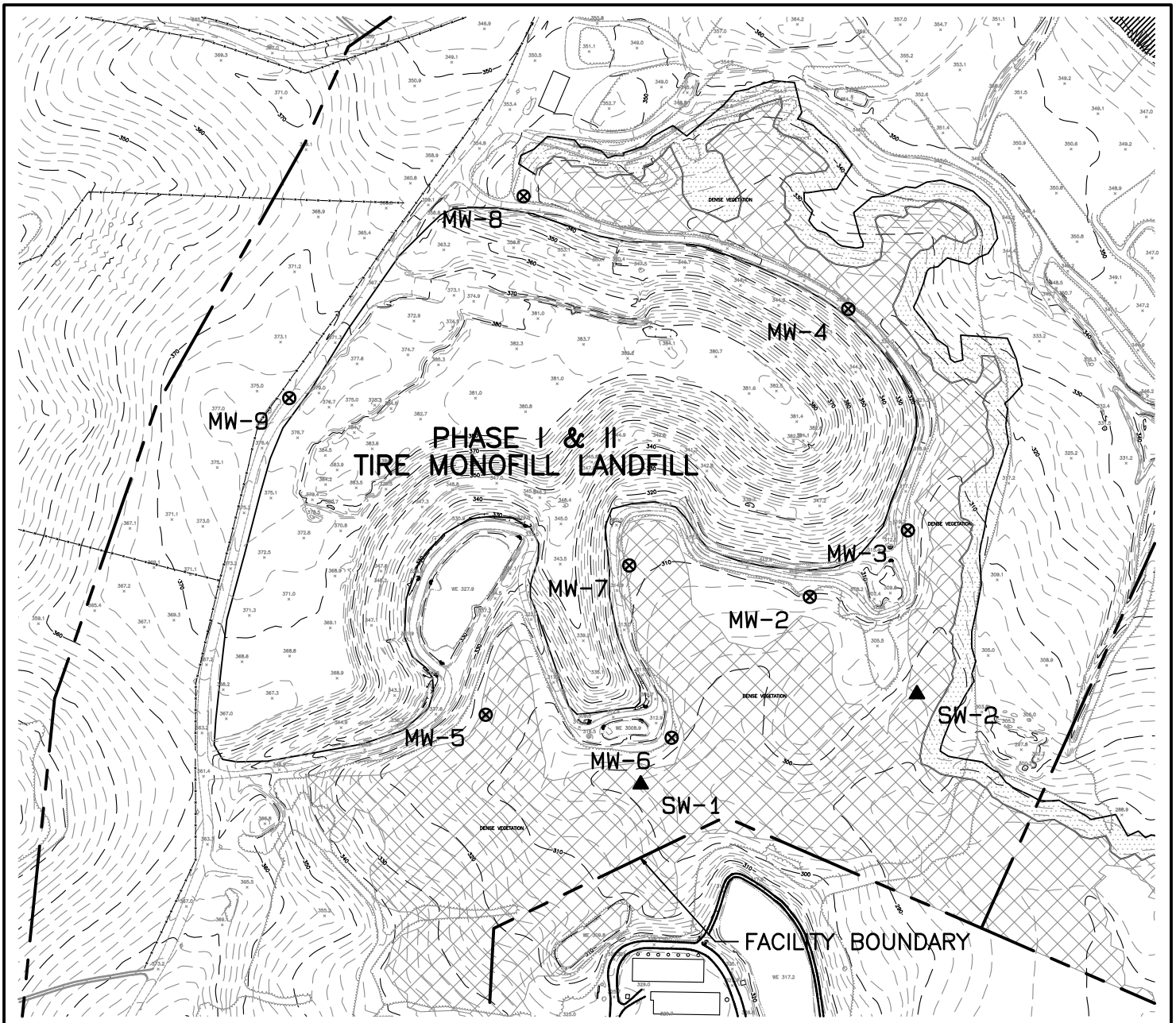
Engineering Consulting Services

1258 Benson Road, Garner, NC 27529
Tel: (919) 792-1900 Fax: (866) 311-7206

SITE LOCATION MAP

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

Drawn by:	Reviewed by:	Project #:	Drawing #: CCT0607-1	Figure No.
USGS	USGS	Scale: 1:24,000	Drawing Date: 6/20/07	1



LEGEND

⊗ MW-9 GROUNDWATER MONITORING WELL

▲ SW-1 SURFACE WATER MONITORING LOCATION

WETLANDS

-N-

GRAPHIC SCALE 1"=400'

0 400 800 1200

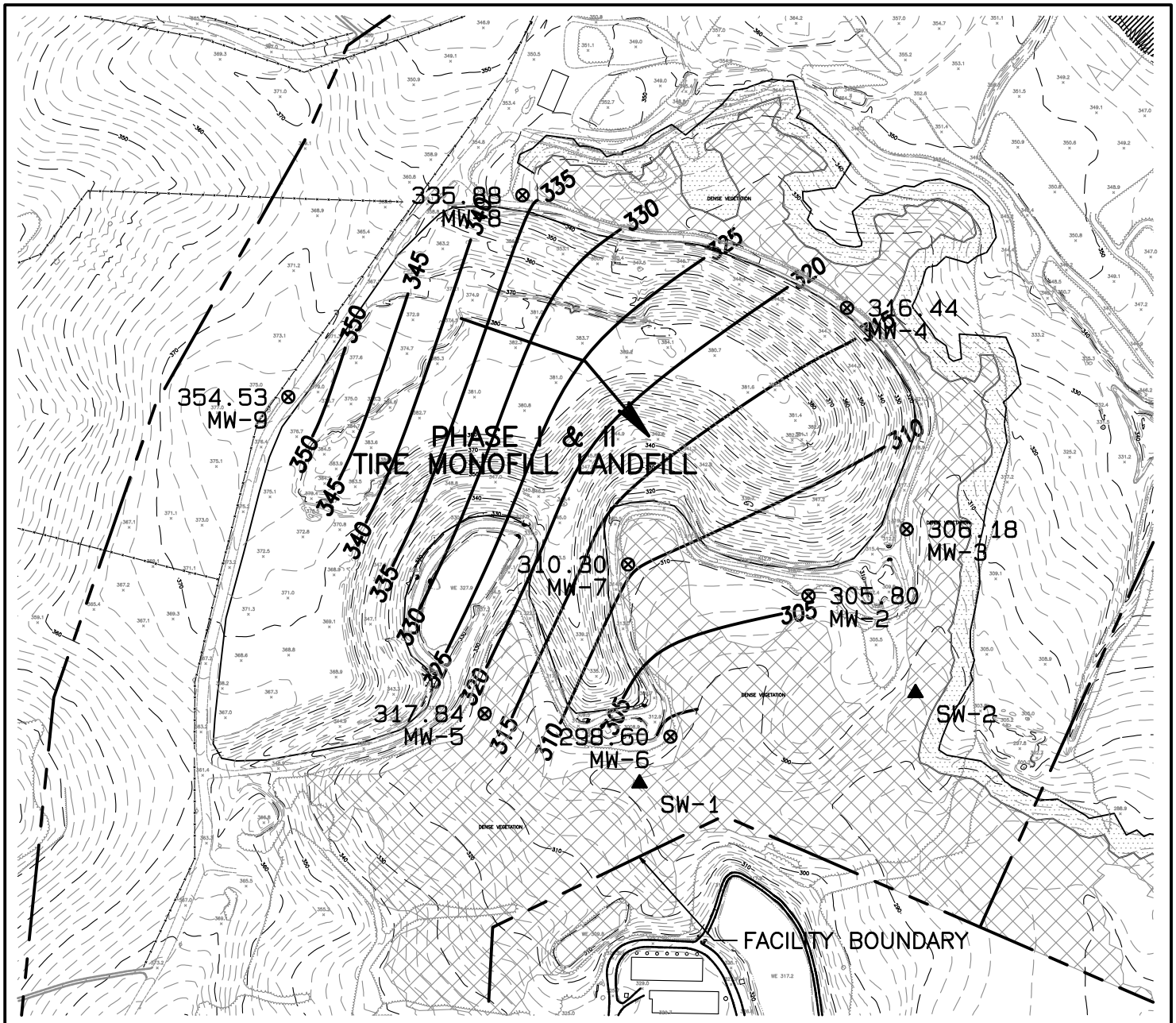
GARRETT & MOORE
Engineering for the Power and Waste Industries

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\Phase 1 & 2\PHS 1-2 GW EVEN



LEGEND

⊗ 355.91 MW-9 — GROUNDWATER MONITORING WELL W/ APPROXIMATE GROUNDWATER ELEVATION AS OF APR 13, 2011

▲ SW-1 — SURFACE WATER MONITORING LOCATION

← — APPARENT DIRECTION OF GROUNDWATER FLOW

WETLANDS

-N-

GRAPHIC SCALE 1"=400'

0 400 800 1200

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CENTRAL CAROLINA TIRE PHASE I & II WATER-TABLE ELEVATION MAP APR 13, 2011

JOB

FIG 3

V:\Liberty Tire Projects\Central Carolina Tire\Projects\Solid Waste\Groundwater Monitoring\3-Groundwater Monitoring Event Reports\2011\Phase 1 & 2\PHS 1-2 GW EVEN

Table 1
Monitoring Well and Groundwater Data
April 2011 Sampling Event
April 13, 2011
Central Carolina Tire Monofill Landfill Phase I/II
Harnett County, North Carolina
Permit # 43-04

Well Identity	Well Depth (Feet BGS)	Well Diameter (Inches)	Top of Casing Elevation (Feet MSL)	Depth to Groundwater (Feet BTOC)	Groundwater Elevation (Feet MSL)	Field Parameters			
						Temp. C°	pH	S.C. umhos/cm	Turbidity (ntu)
MW-2	20.0	2.0	309.30	3.50	305.80	13.3	4.53	71	4.3
MW-3	20.0	2.0	315.20	9.02	306.18	14.4	4.58	80	6.2
MW-4	20.0	2.0	320.80	4.36	316.44	13.9	5.05	72	6.9
MW-5	20.0	2.0	322.40	4.56	317.84	16.3	5.39	90	2.4
MW-6	25.0	2.0	305.10	6.50	298.60	15.5	5.07	100	9.3
MW-7	20.0	2.0	315.80	5.50	310.30	16.9	4.42	69	9.2
MW-8	20.0	2.0	342.80	6.92	335.88	14.3	4.43	44	7.8
MW-9	30.0	2.0	378.70	24.17	354.53	14.5	4.02	492	8.8

Notes: BGS = Below Ground Surface
MSL = Mean Sea Level
BTOC = Below Top of Casing
GW = Groundwater
S.C. = Specific Conductance
ntu = Nephelometric Turbidity Units
Approximate depths to groundwater relative to ground surface were calculated by assuming a casing stickup height of 2.5 ft and subtracting from the depth to water measured below the top of the PVC casing.
Monitoring well construction data taken from October-December 2006 Sampling Event Monitoring Report prepared by Withers & Ravenel.

Table 2
Laboratory Results for Surface Water and Groundwater Samples
April 2011 Sampling Event
April 13, 2011
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	0.87	ND	ND	ND	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	1	ND	ND	ND	ND	ND	ND	10	10
2-Butanone (MEK), (Methyl Ethyl Ketone)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	4000
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	700
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.3
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	50
Chloroethane (Ethyl Chloride)	ND	ND	ND	ND	1.2	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	0.59	ND	ND	ND	ND	ND	ND	60	60
1,2-Dichloropropane (Propylene Dichloride)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.6
1,1-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE
1,3-Dichloropropene (cis and trans isomers)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.4
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	600
Iodomethane (Methyl Iodide)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE
2-Hexanone (Methyl Butyl Ketone)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	40
Methyl Chloride (Chloromethane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	3
Methylene Chloride (Dichloromethane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	5
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	560	NE
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	70
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	1
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.18	0.2
Tetrachloroethene (Tetrachloroethylene), (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	**5.4**	ND	NE	0.7
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	600
1,1,1-Trichloroethane (Methylchloroform)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	200
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	0.6
Trichloroethene (Trichloroethylene), (TCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	3
Trichlorofluoromethane (CFC-11)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	2000
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.005
Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	88	88
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.03
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	500
INORGANIC CONSTITUENTS (in ug/L)											**GWP Std (ug/L)**	**NCAC 2L STD (ug/L)**
Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	**13**	NE	10
Barium	38	31	94	37	20	31	18	67	40	**940**	NE	700
Cadmium	ND	0.63 J	0.93 J	ND	ND	0.45 J	ND	ND	0.17 J	0.31 J	NE	2
Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	10
Lead	ND	1.0 J	ND	1.2 J	ND	ND	ND	2.7 J	1.1 J	10	NE	15
Mercury	ND	ND	ND	0.19 J	ND	ND	ND	ND	ND	0.77	NE	1
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	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	4/15/2003	10/23/2003	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011
Well No: **MW-2**																		
Arsenic	**10**	ND	ND	ND	ND	ND	ND	ND	ND	2.43 JB	ND	ND	ND	ND	ND	ND	ND	ND
Barium	**700**	130	113	135	170	180	170	152	110	92.1 JB	162.0	97.5 JB	86.7 JB	115 B	73.4 JB	110.0	69.0	94.0
Cadmium	**2**	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.29 J	0.18 J	**10.00**	0.93 J
Chromium	**10**	ND	ND	ND	ND	ND	ND	ND	ND	4.58 JB	3.11 J	2.03 JB	1.77 JB	2.91 JB	2.67 JB	ND	1.5 J	ND
Lead	**15**	ND	ND	ND	ND	ND	ND	ND	ND	1.09 J	3.97 J	ND	ND	4.82 J	ND	1.6 J	0.68 J	ND
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	ND	ND	ND	3.98 J	ND	8.75 J	ND	ND	ND	3.3 J	ND	ND
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.36 JB	3.57 JB	1.16 JB	1.25 JB	ND	ND	ND
1,4-Dichlorobenzene	**6**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23 J	ND	ND	ND
Methylene Chloride	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.160 JB	ND	ND	ND	ND	ND
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.260 J	ND	ND	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.390 J	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	4/15/2003	10/23/2003	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011
Well No: **MW-3**																		
Arsenic	**10**	ND	ND	ND	ND	ND	ND	ND	3.3 J	3.39 JB	ND	ND	ND	ND	ND	ND	0.92 J	ND
Barium	**700**	11	17	13	ND	ND	ND	30.5	34.1	20.0 JB	38.4 J	25.5 JB	28.6 JB	29.5 JB	41.2 JB	31.0	39.0	37.0
Cadmium	**2**	ND	ND	ND	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.40**	ND
Chromium	**10**	ND	ND	ND	ND	ND	ND	ND	ND	5.06 JB	1.69 J	2.62 JB	2.62 JB	4.29 JB	2.95 JB	ND	1.5 J	ND
Lead	**15**	ND	ND	ND	ND	ND	ND	ND	ND	1.31 J	3.60 J	ND	3.77 J	5.60 J	7.01 J	0.97 J	1.9 J	1.2 J
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	ND	0.038 J	0.133 J	0.064 J	0.090 J	0.089 J	0.36	0.056 J	ND	0.19 J
Selenium	**20**	ND	ND	ND	ND	ND	ND	ND	ND	5.79 J	ND	9.5 J	ND	ND	ND	ND	7.60	ND
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.27 JB	3.74 JB	1.60 JB	ND	ND	ND	ND
Acetone	**6000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.3 J	ND	ND	ND
Benzene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.610 J	ND	ND	0.260 J	0.55 J	ND	ND	ND
Bromomethane	**10**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
4-Methyl-2-Pentanone	**560**	ND	ND	ND	ND	ND	ND	ND	0.97 J	ND	ND	ND	ND	ND	2.8 J	0.56 J	0.89 J	ND
Vinyl Chloride	**0.03**	ND	ND	ND	ND	ND	ND	ND	**1.1**	ND	**0.490 J**	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	**6**	ND	ND	ND	ND	ND	ND	ND	ND	0.270 J	0.620 J	ND	ND	0.280 J	0.47 J	ND	ND	ND
C-1,2-Dichloroethene	**70**	ND	ND	ND	1.5	1	ND	1.5	1.7	0.760 J	2.04 J	ND	0.230 J	0.660 J	1.21 J	0.53 J	0.84	0.59
Methylene Chloride	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.110 JB	ND	ND	ND	ND	ND
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.270 J	ND	ND	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.140 J	ND	0.330 J	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	4/15/2003	10/23/2003	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011
Well No: **MW-4**																		
Arsenic	**10**	ND	ND	ND	ND	ND	ND	ND	2.9 J	4.16 JB	ND	ND	ND	ND	ND	ND	ND	ND
Barium	**700**	27	32	14	ND	ND	ND	23.7	20	20.9 JB	24.3 J	33.2 JB	29.6 JB	29.6 JB	22.2 JB	28.0	28.0	20.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.16 J	ND	0.21 J	ND	0.48 J	ND
Chromium	**10**	ND	ND	ND	ND	ND	ND	ND	ND	4.09 JB	3.11 J	2.77 JB	ND	3.40 JB	2.86 JB	ND	1.6 J	ND
Lead	**15**	ND	5	ND	ND	ND	ND	ND	ND	3.12 J	6.11 J	ND	ND	ND	ND	ND	0.96 J	ND
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	ND	ND	ND	3.73 J	ND	ND	ND	ND	ND	ND	3.4 J	ND
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.17 JB	3.90 JB	1.97 JB	1.03 JB	ND	ND	ND
Benzene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	0.730 J	0.540 J	0.480 J	0.220 J	0.460 J	ND	0.56 J	ND	0.87
Chloroethane	**3000**	ND	ND	ND	ND	3.0	ND	4.2	1.6	3.59 J	1.99 J	2.35 J	0.820 J	2.55 J	ND	1.3 J	ND	1.2
1,1-Dichloroethane	**6**	ND	ND	ND	ND	3.0	ND	1.0	ND	0.350 J	0.560 J	0.210 J	ND	0.160 J	ND	ND	ND	ND
1,2-Dichloroethane	**0.4**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C-1,2-Dichloroethene	**70**	ND	ND	ND	ND	ND	ND	ND	ND	0.210 J	0.560 J	ND	ND	ND	ND	ND	ND	ND
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.310 J	ND	ND	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.110 J	ND	0.540 J	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	4/15/2003	10/23/2003	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011
Well No: **MW-5**																		
Arsenic	**10**	ND	ND	ND	ND	ND	ND	ND	ND	4.83 JB	1.93 J	ND	ND	ND	ND	ND	ND	ND
Barium	**700**	23	24	15	ND	ND	ND	ND	19.3	58.2 JB	32.3 J	30.8 JB	30.9 JB	33.6 JB	23.8 JB	30.0	28.0	31.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.22 J	0.45 J
Chromium	**10**	7	ND	ND	ND	ND	ND	ND	ND	8.54 JB	5.67 J	1.58 JB	1.25 JB	4.10 JB	2.39 JB	0.60 J	1.7 J	ND
Lead	**15**	ND	ND	ND	ND	ND	ND	ND	ND	14.5	6.02 J	ND	ND	ND	ND	ND	ND	ND
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	ND	0.058 J	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	ND	ND	ND	5.42 J	ND	ND	ND	ND	ND	ND	3.2 J	ND
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.32 JB	3.74 JB	1.72 JB	ND	ND	ND	ND
Bromoform	**4**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.16 J	ND	ND	ND
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.210 J	ND	ND	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.280 J	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	4/15/2003	10/23/2003	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011
Well No: **MW-6**																		
Arsenic	**10**	ND	ND	ND	ND	ND	ND	ND	2.8 J	2.25 JB	ND	ND	ND	3.08 J	ND	ND	0.9 J	ND
Barium	**700**	47	48	44	ND	ND	ND	37.4	29.9	30.5 JB	26.3 J	36.1 JB	34.1 JB	30.1 JB	21.3 JB	13.0	16 J	18.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.26 J	ND
Chromium	**10**	ND	ND	ND	ND	ND	ND	ND	ND	5.05 JB	1.31 J	1.88 JB	ND	ND	2.76 JB	0.60 J	1.2 J	ND
Lead	**15**	ND	ND	ND	ND	ND	ND	ND	ND	1.62 J	4.43 J	6.14 J	3.70 J	3.50 J	ND	0.74 J	2.7 J	ND
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	ND	ND	ND	4.75 J	ND	ND	ND	ND	ND	2.8 J	3.9 J	ND
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.34 JB	3.79 JB	1.47 JB	0.78 JB	ND	ND	ND
Acetone	**6000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.74 J	3.34 J	6.0 J	3.1 J	ND
Benzene	**1**	ND	ND	ND	ND	ND	ND	ND	**1.4**	**1.21**	**1.03**	0.780 J	0.880 J	0.990 J	0.81 J	0.56 J	ND	ND
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.180 J	ND	ND	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.380 J	ND	ND	ND	ND	ND

Notes:

Results in parts per billion (ppb)

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

NA - Not analyzed for or not available

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

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

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

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

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

Sampling Date:	2L Standard	4/15/2003	10/23/2003	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011
Well No: **MW-7**																		
Arsenic	**10**	ND	ND	ND	ND	ND	ND	ND	ND	3.88 JB	ND	ND	ND	ND	ND	ND	1.5 J	ND
Barium	**700**	45	119	102	ND	ND	ND	77	73.6	163 JB	64.2 J	70.7 JB	61.8 JB	63.0 JB	70.0 JB	67.0	65.0	67.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.17 J	ND
Chromium	**10**	ND	ND	ND	ND	ND	ND	ND	ND	5.47 JB	ND	1.58 JB	1.46 JB	3.01 JB	3.05 JB	ND	2.6 J	ND
Lead	**15**	ND	5.3	ND	ND	ND	ND	ND	2.1 J	10.60	6.54 J	5.69 J	4.02 JB	5.74 JB	6.97 J	3.2 J	9.20	2.7 J
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	ND	0.043 J	0.097 J	0.062 J	ND	ND	0.117 J	0.023 J	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	ND	ND	ND	3.05 J	ND	7.96 J	ND	ND	ND	ND	3.7 J	ND
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.25 JB	3.62 JB	1.69 JB	0.94 J	ND	ND	ND
Acetone	**6000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.70	ND
Benzene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.790 J	0.210 J	0.250 J	0.330 J	0.61 J	ND	ND	ND
1,1-Dichloroethane	**6**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.150 J	ND	ND	ND	ND	ND	ND	ND
Cis 1,2-Dichloroethene	**70**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.240 J	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23 JB	ND	ND	ND
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.250 JB	0.320 J	ND	ND	ND	4.90	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.130 J	ND	0.520 J	ND	0.11 J	ND	ND	ND

Sampling Date:	2L Standard	4/15/2003	10/23/2003	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011
Well No: **MW-8**																		
Arsenic	**10**	ND	ND	ND	ND	ND	ND	ND	ND	2.03 JB	ND	ND	ND	ND	ND	ND	ND	ND
Barium	**700**	112	32	24	ND	ND	ND	41.5	42.5	32.1 JB	41.4 J	43.9 JB	46.1 JB	45.0 JB	39.2 JB	38.0	33.0	40.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	0.59 J	0.17 J
Chromium	**10**	ND	ND	ND	ND	ND	ND	ND	ND	5.03 JB	4.54 J	2.33 JB	1.25 JB	3.20 JB	2.95 JB	0.56 J	1.3 J	ND
Lead	**15**	4	ND	ND	ND	ND	ND	ND	ND	1.04 J	7.71 J	7.42 J	ND	6.30 J	ND	1.1 J	0.72 J	1.1 J
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.28 JB	3.90 JB	1.29 JB	0.8 JB	ND	ND	ND
Ethylbenzene	**29**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.120 J	ND	ND	ND	ND	ND
Tetrachloroethene	**0.7**	ND	ND	ND	ND	ND	ND	ND	**1.8**	0.310 J	0.550 J	**0.730 J**	**0.960 J**	**2.40**	**1.74 B**	**6.30**	**1.80**	**5.40**
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.450 J	ND	ND	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.700 J	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	4/15/2003	10/23/2003	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011
Well No: **MW-9**																		
Arsenic	**10**	ND	ND	ND	ND	ND	ND	ND	2.6 J	2.88 JB	5.04 J	ND	ND	ND	ND	**15**	ND	**13**
Barium	**700**	188	455	308	370	270	360	242	310	462 JB	366.0	288 B	50.1 JB	210 B	311 B	680.0	230.0	**940**
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.21 J	0.23 J	0.52 J	0.31 J
Chromium	**10**	ND	5.3	ND	ND	ND	ND	ND	ND	5.71 JB	1.24 J	1.73 JB	1.35 JB	2.82 JB	5.21 JB	1.0 J	2 J	ND
Lead	**15**	ND	7.0	ND	ND	ND	ND	ND	ND	7.21 J	6.84 J	5.02 J	ND	ND	ND	10.00	3.4 J	10
Mercury	**1**	ND	0.8	ND	ND	ND	ND	ND	ND	0.83	0.077 J	ND	ND	ND	ND	0.12 J	ND	0.77
Selenium	**20**	ND	ND	ND	ND	ND	ND	ND	2.2 J	1.35 J	ND	ND	ND	ND	ND	ND	ND	ND
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.95 JB	1.18 JB	ND	ND	ND	ND
Bromoform	**4**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.28 J	ND	ND	ND
Ethylbenzene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.210 J	ND	ND	ND	ND	ND
Methylene Chloride	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.16 JB	ND	ND	ND
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.810 J	ND	ND	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.31 J	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	4/15/2003	10/23/2003	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011
Well No: **SW-1**																		
Arsenic	**10**	ND	ND	ND	ND	ND	ND	ND	2.2 J	2.07 JB	2.86 J	ND	2.78 J	ND	ND	ND	0.61 J	ND
Barium	**700**	19	14	15	ND	100	ND	ND	17.6	18.7 JB	25.5 J	30.4 JB	384 B	36.2 JB	21.1 JB	19.00	32.00	38.00
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.370 J	0.28 J	ND	0.3 J	ND
Chromium	**10**	ND	ND	ND	ND	ND	ND	ND	ND	5.76 JB	2.66 J	2.03 JB	2.09 JB	3.70 JB	2.49 JB	0.70 J	1.3 J	ND
Lead	**15**	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.39 J	6.07 J	7.11 J	3.91 JB	ND	ND	ND	ND
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	ND	ND	3.7 J	1.96 J	ND	ND	ND	ND	ND	ND	3.3 J	ND
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.46 JB	2.07 JB	1.38 JB	0.87 JB	ND	ND	ND
Acetone	**6000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.51 JB	ND	ND	ND	ND	2.8 J	ND
Benzene	**1**	ND	ND	ND	ND	ND	1.0	ND	ND	ND	ND	ND	0.260 J	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	4/15/2003	10/23/2003	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011
Well No: **SW-2**																		
Arsenic	**10**	ND	ND	ND	ND	ND	ND	ND	2.9 J	1.70 JB	2.92 J	ND	ND	ND	ND	ND	ND	ND
Barium	**700**	26	12	13	ND	ND	ND	ND	21.1	31.1 JB	14.3 J	30.5 JB	55.6 JB	27.5 JB	75.1 JB	48.0	40.0	31.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3 J	ND	1.2	0.63 J
Chromium	**10**	ND	ND	ND	ND	ND	ND	ND	ND	6.09 JB	5.66	2.47 JB	2.82 JB	2.82 JB	11.6 B	1.1 J	1.8 J	ND
Lead	**15**	ND	ND	ND	ND	ND	ND	ND	ND	0.350 J	ND	3.79 J	6.25 J	4.42 J	21.3	ND	1.0 J	1.0 J
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	0.15	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	4.2 J	ND	ND
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.24 JB	3.73 JB	1.58 JB	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-2

Ground Water Sample Collection Record

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

Date: 4/13/11
Time: Start 1120 am/pm
Finish 1155 am/pm

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

a. Total Well Length 20.00
b. Water Table Depth 3.50
c. Casing Material PVC
d. Casing Diamete r 2"
e. Length of Water Column 16.50 (a-b)
f. Calculated Well Volume (see back) 2.7

WELL PURGING DATA

a. Purge Method LOW FLOW

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

Pumping Rate: 100 ml/min.

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	
HACH	2100P	

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

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	Odor	
1125	INT	13.63	4.81	70	12.1	3.51	clear	None	
1130	1000	13.53	4.61	70	11.1	3.51	↓	↓	
1135	1500	13.40	4.56	71	8.9	3.51			
1140	2000	13.36	4.54	71	5.2	3.51			
1145	2500	13.34	4.53	71	4.3	3.51			

e. Acceptance criteria pass/fail

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

If no or N/A - Explain below.

SAMPLE COLLECTION: Method: Peristaltic Pump

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-MW2	VOA	3	HCL	8260	1145
4304-MW2	500 ml PLASTIC	1	HN03	RCRA METALS	"

Comments

Signature [signature] Date 4/13/11

Well/Piezo ID: MW-3

Ground Water Sample Collection Record

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

Date: 4/13/11
Time: Start 1025 am/pm
Finish 1100 am/pm

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

a. Total Well Length 20.00 c. Casing Material PVC e. Length of Water Column 10.98 (a-b)

b. Water Table Depth 9.02 d. Casing Diamete r 2" f. Calculated Well Volume (see back) _____

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

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

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	
HACH	2100P	

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

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	Odor	
1030	INT	14.38	4.69	79	12.4	9.03	Clear	None	
1035	1000	14.38	4.63	79	9.2	9.03	↓	↓	
1040	1500	14.39	4.61	79	7.4	9.03			
1045	2000	14.39	4.59	80	6.9	9.03			
1050	2500	14.40	4.58	80	6.2	9.03			

e. Acceptance criteria pass/fail

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

If no or N/A - Explain below.

SAMPLE COLLECTION: Method: Peristaltic Pump

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304- MW3	VOA	3	HCL	8260	1050
4304- "	500 ml PLASTIC	1	HN03	RCRA METALS	"

Comments _____

Signature A. Hill Date 4/13/11

Well/Piezo ID: MW-4

Ground Water Sample Collection Record

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

Date: 4/13/11
Time: Start 0935 am/pm
Finish 1015 am/pm

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

a. Total Well Length 20.00 c. Casing Material PVC e. Length of Water Column 15.64 (a-b)

b. Water Table Depth 4.36 d. Casing Diamete r 2" f. Calculated Well Volume (see back) 2.5

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

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

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	
HACH	2100P	

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

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	Odor	
0940	INT	13.86	5.07	69	21.7	4.37	clear	None	
0945	1000	13.87	5.05	69	14.7	4.37	↓	↓	
0950	1500	13.87	5.05	70	10.4	4.37			
0955	2000	13.89	5.05	71	8.5	4.38			
1000	2500	13.90	5.05	71	7.2	4.38			
1005	3000	13.92	5.05	72	6.9	4.38			

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	3	HCL	8260	1005
4304-MW4	500 ml PLASTIC	1	HN03	RCRA METALS	"

Comments

Signature A. Hill Date 4/13/11

Well/Piezo ID: MW-5

Ground Water Sample Collection Record

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

Date: 4/13/11
Time: Start 1400 am/pm
Finish 1440 am/pm

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

a. Total Well Length 20.00 c. Casing Material PVC e. Length of Water Column 15.44 (a-b)

b. Water Table Depth 4.56 d. Casing Diamete r 2" f. Calculated Well Volume (see back) _____

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

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

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	
HACH	2100P	

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

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	Odor	
1405	INT	15.45	5.50	90	14.6	4.57	clear	None	
1410	1000	16.01	5.48	90	11.2	4.57	↓	↓	
1415	1500	16.22	5.45	90	9.6	4.57			
1420	2000	16.27	5.42	90	3.1	4.57			
1425	2500	16.30	5.40	90	2.8	4.57			
1430	3000	16.34	5.39	90	2.4	4.57			

e. Acceptance criteria pass/fail

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

If no or N/A - Explain below.

SAMPLE COLLECTION: Method: Peristaltic Pump

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-MW5	VOA	3	HCL	8260	1430
4304- "	500 ml PLASTIC	1	HN03	RCRA METALS	"

Comments _____

Signature _____ Date 4/13/11

Well/Piezo ID: MW-6

Ground Water Sample Collection Record

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

Date: 4/13/11
Time: Start 1300 am/pm
Finish 1340 am/pm

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

a. Total Well Length 25.00
b. Water Table Depth 6.50
c. Casing Material PVC
d. Casing Diamete r 2"
e. Length of Water Column 18.50 (a-b)
f. Calculated Well Volume (see back) 3.0

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

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

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	
HACH	2100P	

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

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	Odor	
1305	500	15.53	5.18	97	269	6.52	grey	None	
1310	1000	15.53	5.11	98	28.4	6.53	cloud	↓	
1315	1500	15.53	5.09	99	12.6	6.55	↓	↓	
1320	2000	15.53	5.08	99	10.9	6.56	↓	↓	
1325	2500	15.54	5.08	99	10.2	6.56	↓	↓	
1330	3000	15.54	5.07	100	9.3	6.58	↓	↓	

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: ~~DISPOSABLE BAILER~~ PERISTALTIC PUMP

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-MW6	VOA	3	HCL	8260	1330
4304-MW6	500 ml PLASTIC	1	HN03	RCRA METALS	"

Comments _____

Signature _____ Date 4/13/11

Well/Piezo ID: MW-7

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: Sunny 70°s Collector(s) A-1-11

Date: 4/13/11
Time: Start 1210 am/pm
Finish 1250 am/pm

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

a. Total Well Length 20.00
b. Water Table Depth 5.50
c. Casing Material PVC
d. Casing Diamete r 2"
e. Length of Water Column 14.50 (a-b)
f. Calculated Well Volume (see back) 2.4

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
OAKTON	PH/CON10	
HACH	2100P	

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

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	Odor	
1215	PNT	15.24	4.86	71	569	5.50	Grey/Tan	None	
1220	1000	16.44	4.69	70	105	5.51	Tan	↓	
1225	1500	16.72	4.51	69	21.2	5.52	clear	↓	
1230	2000	16.79	4.46	69	12.9	5.53	↓	↓	
1235	2500	16.84	4.43	69	10.8	5.53	↓	↓	
1240	3000	16.87	4.42	69	9.2	5.54	↓	↓	

e. Acceptance criteria pass/fail

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

If no or N/A - Explain below.

SAMPLE COLLECTION: Method: Peristaltic Pump

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-MW7	VOA	3	HCL	8260	1240
4304- "	500 ml PLASTIC	1	HN03	RCRA METALS	"

Comments

Signature [signature] Date 4/13/11

Well/Piezo ID: MW-8

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: Sunny, 50° Collector(s) A. Hill

Date: 4/13 /11
Time: Start 0845 am/pm
Finish 0925 am/pm

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

a. Total Well Length 20.00 c. Casing Material PVC e. Length of Water Column 13.08 (a-b)

b. Water Table Depth 6.92 d. Casing Diamete r 2" f. Calculated Well Volume (see back) 2.1

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

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

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	
HACH	2100P	

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

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	Odor	
0850	INT	12.93	4.67	64	21.4	6.94	gray	none	
0855	1000	13.69	4.50	60	18.5	6.94	clear	↓	
0900	1500	13.90	4.46	51	12.4	6.95	↓	↓	
0905	2000	14.20	4.44	49	10.7	6.96	↓	↓	
0910	2500	14.25	4.44	46	8.9	6.96	↓	↓	
0915	3000	14.28	4.43	44	7.8	6.97	↓	↓	

e. Acceptance criteria pass/fail

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

If no or N/A - Explain below.

SAMPLE COLLECTION: Method: Peristaltic Pump

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304- MW8	VOA	3	HCL	8260	0915
4304- "	500 ml PLASTIC	1	HN03	RCRA METALS	"

Comments

Signature A. Hill Date 4/13 /11

Well/Piezo ID: MW-9

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: Sunny; 80's Collector(s) A. Hill

Date: 4/13/11
Time: Start 0800 am/pm
Finish 0835 am/pm

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

a. Total Well Length 30.00 c. Casing Material PVC e. Length of Water Column 5.83 (a-b)

b. Water Table Depth 24.17 d. Casing Diamete r 2" f. Calculated Well Volume (see back) 0.95

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

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

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	
HACH	2100P	

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

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	Odor	
0805	INT	15.02	5.30	400	28.7	24.19	clear	None	
0810	1000	14.69	4.13	486	20.2	24.20	↓	↓	
0815	1500	14.55	4.03	489	12.7	24.20	↓	↓	
0820	2000	14.53	4.03	490	9.9	24.21	↓	↓	
0825	2500	14.51	4.02	492	8.8	24.21	↓	↓	

e. Acceptance criteria pass/fail

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

If no or N/A - Explain below.

SAMPLE COLLECTION: Method: Peristaltic Pump

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-MW9	VOA	3	HCL	8260	0825
4304-MW9	500 ml PLASTIC	1	HN03	RCRA METALS	"

Comments

Signature A. Hill Date 4/13/11

APPENDIX B

Laboratory Reports
And
Chain-of-Custody Records

Case Narrative

05/02/2011

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

Project: Central Carolina Tire
Project No.: 43-04
Lab Submittal Date: 04/14/2011
Prism Work Order: 1040370

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

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

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

Respectfully,

PRISM LABORATORIES, INC.

President/Project Manager

Reviewed By

Data Qualifiers Key Reference:

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
LH	High LCS recovery. Analyte not detected in the sample(s). No further action taken.
BRL	Below Reporting Limit
MDL	Method Detection Limit
RPD	Relative Percent Difference
*	Results reported to the reporting limit. All other results are reported to the MDL with values between MDL and reporting limit indicated with a J.

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

Sample Receipt Summary

05/02/2011

Prism Work Order: 1040370

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
4304-EB01	1040370-01	Water	04/13/11	04/14/11
4304-MW9	1040370-02	Water	04/13/11	04/14/11
4304-MW8	1040370-03	Water	04/13/11	04/14/11
4304-MW4	1040370-04	Water	04/13/11	04/14/11
4304-MW3	1040370-05	Water	04/13/11	04/14/11
4304-MW2	1040370-06	Water	04/13/11	04/14/11
4304-SW2	1040370-07	Water	04/13/11	04/14/11
4304-MW7	1040370-08	Water	04/13/11	04/14/11
4304-MW6	1040370-09	Water	04/13/11	04/14/11
4304-SW1	1040370-10	Water	04/13/11	04/14/11
4304-MW5	1040370-11	Water	04/13/11	04/14/11
TRIP BLANK	1040370-12	Water	04/13/11	04/14/11

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

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Laboratory Report

05/02/2011

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-EB01
Prism Sample ID: 1040370-01
Prism Work Order: 1040370
Time Collected: 04/13/11 07:50
Time Submitted: 04/14/11 18:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	BRL	ug/L	10	1.8	1	6010C	4/18/11 23:18	DWR	P1D0296
Barium	**4.0 J**	**ug/L**	**10**	**0.36**	**1**	**6010C**	**4/18/11 23:18**	**DWR**	**P1D0296**
Cadmium	BRL	ug/L	1.0	0.17	1	6010C	4/18/11 23:18	DWR	P1D0296
Chromium	BRL	ug/L	5.0	0.70	1	6010C	4/18/11 23:18	DWR	P1D0296
Lead	BRL	ug/L	5.0	0.73	1	6010C	4/18/11 23:18	DWR	P1D0296
Selenium	BRL	ug/L	10	3.5	1	6010C	4/18/11 23:18	DWR	P1D0296
Silver	BRL	ug/L	5.0	0.17	1	6010C	4/18/11 23:18	DWR	P1D0296
Total Metals									
Mercury	BRL	ug/L	0.20	0.014	1	7470A	4/25/11 15:07	LTB	P1D0432
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	4/21/11 17:48	MGB	P1D0402
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	4/21/11 17:48	MGB	P1D0402
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	4/21/11 17:48	MGB	P1D0402
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	4/21/11 17:48	MGB	P1D0402
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	4/21/11 17:48	MGB	P1D0402
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	4/21/11 17:48	MGB	P1D0402
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	4/21/11 17:48	MGB	P1D0402
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	4/21/11 17:48	MGB	P1D0402
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	4/21/11 17:48	MGB	P1D0402
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	4/21/11 17:48	MGB	P1D0402
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	4/21/11 17:48	MGB	P1D0402
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 17:48	MGB	P1D0402
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	4/21/11 17:48	MGB	P1D0402
Acetone	BRL	ug/L	5.0	0.62	1	8260B	4/21/11 17:48	MGB	P1D0402
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	4/21/11 17:48	MGB	P1D0402
Benzene	BRL	ug/L	0.50	0.072	1	8260B	4/21/11 17:48	MGB	P1D0402
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 17:48	MGB	P1D0402
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	4/21/11 17:48	MGB	P1D0402
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	4/21/11 17:48	MGB	P1D0402
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	4/21/11 17:48	MGB	P1D0402
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	4/21/11 17:48	MGB	P1D0402
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	4/21/11 17:48	MGB	P1D0402
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	4/21/11 17:48	MGB	P1D0402
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 17:48	MGB	P1D0402
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	4/21/11 17:48	MGB	P1D0402
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	4/21/11 17:48	MGB	P1D0402
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	4/21/11 17:48	MGB	P1D0402
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	4/21/11 17:48	MGB	P1D0402
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	4/21/11 17:48	MGB	P1D0402
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 17:48	MGB	P1D0402
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	4/21/11 17:48	MGB	P1D0402
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	4/21/11 17:48	MGB	P1D0402

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

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-EB01
Prism Sample ID: 1040370-01
Prism Work Order: 1040370
Time Collected: 04/13/11 07:50
Time Submitted: 04/14/11 18:30

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	4/21/11 17:48	MGB	P1D0402
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	4/21/11 17:48	MGB	P1D0402
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	4/21/11 17:48	MGB	P1D0402
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	4/21/11 17:48	MGB	P1D0402
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	4/21/11 17:48	MGB	P1D0402
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	4/21/11 17:48	MGB	P1D0402
Styrene	BRL	ug/L	0.50	0.047	1	8260B	4/21/11 17:48	MGB	P1D0402
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	4/21/11 17:48	MGB	P1D0402
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	4/21/11 17:48	MGB	P1D0402
Toluene	BRL	ug/L	0.50	0.042	1	8260B	4/21/11 17:48	MGB	P1D0402
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	4/21/11 17:48	MGB	P1D0402
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	4/21/11 17:48	MGB	P1D0402
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	4/21/11 17:48	MGB	P1D0402
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	4/21/11 17:48	MGB	P1D0402
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	4/21/11 17:48	MGB	P1D0402
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	4/21/11 17:48	MGB	P1D0402
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	4/21/11 17:48	MGB	P1D0402
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	4/21/11 17:48	MGB	P1D0402

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*90 %*	*80-124*
Dibromofluoromethane	*92 %*	*75-129*
Toluene-d8	*91 %*	*77-123*

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Laboratory Report

05/02/2011

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW9
Prism Sample ID: 1040370-02
Prism Work Order: 1040370
Time Collected: 04/13/11 08:25
Time Submitted: 04/14/11 18:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	**13**	**ug/L**	**10**	**1.8**	**1**	**6010C**	**4/19/11 0:34**	**DWR**	**P1D0296**
Barium	**940**	**ug/L**	**10**	**0.36**	**1**	**6010C**	**4/19/11 0:34**	**DWR**	**P1D0296**
Cadmium	**0.31 J**	**ug/L**	**1.0**	**0.17**	**1**	**6010C**	**4/19/11 0:34**	**DWR**	**P1D0296**
Chromium	BRL	ug/L	5.0	0.70	1	6010C	4/19/11 0:34	DWR	P1D0296
Lead	**9.6**	**ug/L**	**5.0**	**0.73**	**1**	**6010C**	**4/19/11 0:34**	**DWR**	**P1D0296**
Selenium	BRL	ug/L	10	3.5	1	6010C	4/19/11 0:34	DWR	P1D0296
Silver	BRL	ug/L	5.0	0.17	1	6010C	4/19/11 0:34	DWR	P1D0296
Total Metals									
Mercury	**0.77**	**ug/L**	**0.20**	**0.014**	**1**	**7470A**	**4/25/11 15:11**	**LTB**	**P1D0432**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	4/21/11 18:13	MGB	P1D0402
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	4/21/11 18:13	MGB	P1D0402
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	4/21/11 18:13	MGB	P1D0402
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	4/21/11 18:13	MGB	P1D0402
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	4/21/11 18:13	MGB	P1D0402
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	4/21/11 18:13	MGB	P1D0402
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	4/21/11 18:13	MGB	P1D0402
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	4/21/11 18:13	MGB	P1D0402
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	4/21/11 18:13	MGB	P1D0402
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	4/21/11 18:13	MGB	P1D0402
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	4/21/11 18:13	MGB	P1D0402
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 18:13	MGB	P1D0402
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	4/21/11 18:13	MGB	P1D0402
Acetone	BRL	ug/L	5.0	0.62	1	8260B	4/21/11 18:13	MGB	P1D0402
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	4/21/11 18:13	MGB	P1D0402
Benzene	BRL	ug/L	0.50	0.072	1	8260B	4/21/11 18:13	MGB	P1D0402
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 18:13	MGB	P1D0402
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	4/21/11 18:13	MGB	P1D0402
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	4/21/11 18:13	MGB	P1D0402
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	4/21/11 18:13	MGB	P1D0402
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	4/21/11 18:13	MGB	P1D0402
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	4/21/11 18:13	MGB	P1D0402
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	4/21/11 18:13	MGB	P1D0402
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 18:13	MGB	P1D0402
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	4/21/11 18:13	MGB	P1D0402
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	4/21/11 18:13	MGB	P1D0402
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	4/21/11 18:13	MGB	P1D0402
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	4/21/11 18:13	MGB	P1D0402
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	4/21/11 18:13	MGB	P1D0402
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 18:13	MGB	P1D0402
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	4/21/11 18:13	MGB	P1D0402

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW9
Prism Sample ID: 1040370-02
Prism Work Order: 1040370
Time Collected: 04/13/11 08:25
Time Submitted: 04/14/11 18:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	4/21/11 18:13	MGB	P1D0402
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	4/21/11 18:13	MGB	P1D0402
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	4/21/11 18:13	MGB	P1D0402
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	4/21/11 18:13	MGB	P1D0402
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	4/21/11 18:13	MGB	P1D0402
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	4/21/11 18:13	MGB	P1D0402
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	4/21/11 18:13	MGB	P1D0402
Styrene	BRL	ug/L	0.50	0.047	1	8260B	4/21/11 18:13	MGB	P1D0402
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	4/21/11 18:13	MGB	P1D0402
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	4/21/11 18:13	MGB	P1D0402
Toluene	BRL	ug/L	0.50	0.042	1	8260B	4/21/11 18:13	MGB	P1D0402
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	4/21/11 18:13	MGB	P1D0402
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	4/21/11 18:13	MGB	P1D0402
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	4/21/11 18:13	MGB	P1D0402
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	4/21/11 18:13	MGB	P1D0402
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	4/21/11 18:13	MGB	P1D0402
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	4/21/11 18:13	MGB	P1D0402
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	4/21/11 18:13	MGB	P1D0402
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	4/21/11 18:13	MGB	P1D0402

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*91 %*	*80-124*
Dibromofluoromethane	*91 %*	*75-129*
Toluene-d8	*90 %*	*77-123*

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Laboratory Report

05/02/2011

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW8
Prism Sample ID: 1040370-03
Prism Work Order: 1040370
Time Collected: 04/13/11 09:15
Time Submitted: 04/14/11 18:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	BRL	ug/L	10	1.8	1	6010C	4/18/11 22:33	DWR	P1D0296
Barium	**40**	**ug/L**	**10**	**0.36**	**1**	**6010C**	**4/18/11 22:33**	**DWR**	**P1D0296**
Cadmium	**0.17 J**	**ug/L**	**1.0**	**0.17**	**1**	**6010C**	**4/18/11 22:33**	**DWR**	**P1D0296**
Chromium	BRL	ug/L	5.0	0.70	1	6010C	4/18/11 22:33	DWR	P1D0296
Lead	**1.1 J**	**ug/L**	**5.0**	**0.73**	**1**	**6010C**	**4/18/11 22:33**	**DWR**	**P1D0296**
Selenium	BRL	ug/L	10	3.5	1	6010C	4/18/11 22:33	DWR	P1D0296
Silver	BRL	ug/L	5.0	0.17	1	6010C	4/18/11 22:33	DWR	P1D0296
Total Metals									
Mercury	BRL	ug/L	0.20	0.014	1	7470A	4/25/11 15:15	LTB	P1D0432
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	4/21/11 18:39	MGB	P1D0402
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	4/21/11 18:39	MGB	P1D0402
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	4/21/11 18:39	MGB	P1D0402
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	4/21/11 18:39	MGB	P1D0402
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	4/21/11 18:39	MGB	P1D0402
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	4/21/11 18:39	MGB	P1D0402
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	4/21/11 18:39	MGB	P1D0402
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	4/21/11 18:39	MGB	P1D0402
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	4/21/11 18:39	MGB	P1D0402
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	4/21/11 18:39	MGB	P1D0402
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	4/21/11 18:39	MGB	P1D0402
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 18:39	MGB	P1D0402
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	4/21/11 18:39	MGB	P1D0402
Acetone	BRL	ug/L	5.0	0.62	1	8260B	4/21/11 18:39	MGB	P1D0402
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	4/21/11 18:39	MGB	P1D0402
Benzene	BRL	ug/L	0.50	0.072	1	8260B	4/21/11 18:39	MGB	P1D0402
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 18:39	MGB	P1D0402
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	4/21/11 18:39	MGB	P1D0402
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	4/21/11 18:39	MGB	P1D0402
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	4/21/11 18:39	MGB	P1D0402
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	4/21/11 18:39	MGB	P1D0402
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	4/21/11 18:39	MGB	P1D0402
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	4/21/11 18:39	MGB	P1D0402
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 18:39	MGB	P1D0402
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	4/21/11 18:39	MGB	P1D0402
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	4/21/11 18:39	MGB	P1D0402
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	4/21/11 18:39	MGB	P1D0402
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	4/21/11 18:39	MGB	P1D0402
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	4/21/11 18:39	MGB	P1D0402
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 18:39	MGB	P1D0402
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	4/21/11 18:39	MGB	P1D0402
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	4/21/11 18:39	MGB	P1D0402

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW8
Prism Sample ID: 1040370-03
Prism Work Order: 1040370
Time Collected: 04/13/11 09:15
Time Submitted: 04/14/11 18:30

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	4/21/11 18:39	MGB	P1D0402
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	4/21/11 18:39	MGB	P1D0402
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	4/21/11 18:39	MGB	P1D0402
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	4/21/11 18:39	MGB	P1D0402
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	4/21/11 18:39	MGB	P1D0402
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	4/21/11 18:39	MGB	P1D0402
Styrene	BRL	ug/L	0.50	0.047	1	8260B	4/21/11 18:39	MGB	P1D0402
Tetrachloroethylene	**5.4**	**ug/L**	**0.50**	**0.069**	**1**	**8260B**	**4/21/11 18:39**	**MGB**	**P1D0402**
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	4/21/11 18:39	MGB	P1D0402
Toluene	BRL	ug/L	0.50	0.042	1	8260B	4/21/11 18:39	MGB	P1D0402
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	4/21/11 18:39	MGB	P1D0402
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	4/21/11 18:39	MGB	P1D0402
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	4/21/11 18:39	MGB	P1D0402
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	4/21/11 18:39	MGB	P1D0402
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	4/21/11 18:39	MGB	P1D0402
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	4/21/11 18:39	MGB	P1D0402
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	4/21/11 18:39	MGB	P1D0402
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	4/21/11 18:39	MGB	P1D0402

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*91 %*	*80-124*
Dibromofluoromethane	*92 %*	*75-129*
Toluene-d8	*89 %*	*77-123*

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Laboratory Report

05/02/2011

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW4
Prism Sample ID: 1040370-04
Prism Work Order: 1040370
Time Collected: 04/13/11 10:05
Time Submitted: 04/14/11 18:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	BRL	ug/L	10	1.8	1	6010C	4/18/11 23:24	DWR	P1D0296
Barium	**20**	**ug/L**	**10**	**0.36**	**1**	**6010C**	**4/18/11 23:24**	**DWR**	**P1D0296**
Cadmium	BRL	ug/L	1.0	0.17	1	6010C	4/18/11 23:24	DWR	P1D0296
Chromium	BRL	ug/L	5.0	0.70	1	6010C	4/18/11 23:24	DWR	P1D0296
Lead	BRL	ug/L	5.0	0.73	1	6010C	4/18/11 23:24	DWR	P1D0296
Selenium	BRL	ug/L	10	3.5	1	6010C	4/18/11 23:24	DWR	P1D0296
Silver	BRL	ug/L	5.0	0.17	1	6010C	4/18/11 23:24	DWR	P1D0296
Total Metals									
Mercury	BRL	ug/L	0.20	0.014	1	7470A	4/25/11 15:19	LTB	P1D0432
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	4/21/11 19:05	MGB	P1D0402
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	4/21/11 19:05	MGB	P1D0402
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	4/21/11 19:05	MGB	P1D0402
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	4/21/11 19:05	MGB	P1D0402
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	4/21/11 19:05	MGB	P1D0402
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	4/21/11 19:05	MGB	P1D0402
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	4/21/11 19:05	MGB	P1D0402
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	4/21/11 19:05	MGB	P1D0402
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	4/21/11 19:05	MGB	P1D0402
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	4/21/11 19:05	MGB	P1D0402
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	4/21/11 19:05	MGB	P1D0402
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 19:05	MGB	P1D0402
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	4/21/11 19:05	MGB	P1D0402
Acetone	BRL	ug/L	5.0	0.62	1	8260B	4/21/11 19:05	MGB	P1D0402
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	4/21/11 19:05	MGB	P1D0402
Benzene	**0.87**	**ug/L**	**0.50**	**0.072**	**1**	**8260B**	**4/21/11 19:05**	**MGB**	**P1D0402**
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 19:05	MGB	P1D0402
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	4/21/11 19:05	MGB	P1D0402
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	4/21/11 19:05	MGB	P1D0402
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	4/21/11 19:05	MGB	P1D0402
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	4/21/11 19:05	MGB	P1D0402
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	4/21/11 19:05	MGB	P1D0402
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	4/21/11 19:05	MGB	P1D0402
Chloroethane	**1.2**	**ug/L**	**0.50**	**0.13**	**1**	**8260B**	**4/21/11 19:05**	**MGB**	**P1D0402**
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	4/21/11 19:05	MGB	P1D0402
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	4/21/11 19:05	MGB	P1D0402
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	4/21/11 19:05	MGB	P1D0402
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	4/21/11 19:05	MGB	P1D0402
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	4/21/11 19:05	MGB	P1D0402
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 19:05	MGB	P1D0402
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	4/21/11 19:05	MGB	P1D0402
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	4/21/11 19:05	MGB	P1D0402

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW4
Prism Sample ID: 1040370-04
Prism Work Order: 1040370
Time Collected: 04/13/11 10:05
Time Submitted: 04/14/11 18:30

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	4/21/11 19:05	MGB	P1D0402
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	4/21/11 19:05	MGB	P1D0402
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	4/21/11 19:05	MGB	P1D0402
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	4/21/11 19:05	MGB	P1D0402
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	4/21/11 19:05	MGB	P1D0402
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	4/21/11 19:05	MGB	P1D0402
Styrene	BRL	ug/L	0.50	0.047	1	8260B	4/21/11 19:05	MGB	P1D0402
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	4/21/11 19:05	MGB	P1D0402
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	4/21/11 19:05	MGB	P1D0402
Toluene	BRL	ug/L	0.50	0.042	1	8260B	4/21/11 19:05	MGB	P1D0402
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	4/21/11 19:05	MGB	P1D0402
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	4/21/11 19:05	MGB	P1D0402
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	4/21/11 19:05	MGB	P1D0402
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	4/21/11 19:05	MGB	P1D0402
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	4/21/11 19:05	MGB	P1D0402
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	4/21/11 19:05	MGB	P1D0402
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	4/21/11 19:05	MGB	P1D0402
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	4/21/11 19:05	MGB	P1D0402

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*88 %*	*80-124*
Dibromofluoromethane	*91 %*	*75-129*
Toluene-d8	*90 %*	*77-123*

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Laboratory Report

05/02/2011

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW3
Prism Sample ID: 1040370-05
Prism Work Order: 1040370
Time Collected: 04/13/11 10:50
Time Submitted: 04/14/11 18:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	BRL	ug/L	10	1.8	1	6010C	4/18/11 23:50	DWR	P1D0296
Barium	**37**	**ug/L**	**10**	**0.36**	**1**	**6010C**	**4/18/11 23:50**	**DWR**	**P1D0296**
Cadmium	BRL	ug/L	1.0	0.17	1	6010C	4/18/11 23:50	DWR	P1D0296
Chromium	BRL	ug/L	5.0	0.70	1	6010C	4/18/11 23:50	DWR	P1D0296
Lead	**1.2 J**	**ug/L**	**5.0**	**0.73**	**1**	**6010C**	**4/18/11 23:50**	**DWR**	**P1D0296**
Selenium	BRL	ug/L	10	3.5	1	6010C	4/18/11 23:50	DWR	P1D0296
Silver	BRL	ug/L	5.0	0.17	1	6010C	4/18/11 23:50	DWR	P1D0296
Total Metals									
Mercury	**0.19 J**	**ug/L**	**0.20**	**0.014**	**1**	**7470A**	**4/25/11 15:23**	**LTB**	**P1D0432**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	4/21/11 19:31	MGB	P1D0402
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	4/21/11 19:31	MGB	P1D0402
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	4/21/11 19:31	MGB	P1D0402
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	4/21/11 19:31	MGB	P1D0402
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	4/21/11 19:31	MGB	P1D0402
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	4/21/11 19:31	MGB	P1D0402
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	4/21/11 19:31	MGB	P1D0402
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	4/21/11 19:31	MGB	P1D0402
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	4/21/11 19:31	MGB	P1D0402
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	4/21/11 19:31	MGB	P1D0402
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	4/21/11 19:31	MGB	P1D0402
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 19:31	MGB	P1D0402
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	4/21/11 19:31	MGB	P1D0402
Acetone	BRL	ug/L	5.0	0.62	1	8260B	4/21/11 19:31	MGB	P1D0402
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	4/21/11 19:31	MGB	P1D0402
Benzene	BRL	ug/L	0.50	0.072	1	8260B	4/21/11 19:31	MGB	P1D0402
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 19:31	MGB	P1D0402
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	4/21/11 19:31	MGB	P1D0402
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	4/21/11 19:31	MGB	P1D0402
Bromomethane	**1.0**	**ug/L**	**1.0**	**0.47**	**1**	**8260B**	**4/21/11 19:31**	**MGB**	**P1D0402**
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	4/21/11 19:31	MGB	P1D0402
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	4/21/11 19:31	MGB	P1D0402
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	4/21/11 19:31	MGB	P1D0402
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 19:31	MGB	P1D0402
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	4/21/11 19:31	MGB	P1D0402
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	4/21/11 19:31	MGB	P1D0402
cis-1,2-Dichloroethylene	**0.59**	**ug/L**	**0.50**	**0.076**	**1**	**8260B**	**4/21/11 19:31**	**MGB**	**P1D0402**
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	4/21/11 19:31	MGB	P1D0402
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	4/21/11 19:31	MGB	P1D0402
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 19:31	MGB	P1D0402
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	4/21/11 19:31	MGB	P1D0402

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW3
Prism Sample ID: 1040370-05
Prism Work Order: 1040370
Time Collected: 04/13/11 10:50
Time Submitted: 04/14/11 18:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	4/21/11 19:31	MGB	P1D0402
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	4/21/11 19:31	MGB	P1D0402
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	4/21/11 19:31	MGB	P1D0402
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	4/21/11 19:31	MGB	P1D0402
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	4/21/11 19:31	MGB	P1D0402
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	4/21/11 19:31	MGB	P1D0402
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	4/21/11 19:31	MGB	P1D0402
Styrene	BRL	ug/L	0.50	0.047	1	8260B	4/21/11 19:31	MGB	P1D0402
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	4/21/11 19:31	MGB	P1D0402
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	4/21/11 19:31	MGB	P1D0402
Toluene	BRL	ug/L	0.50	0.042	1	8260B	4/21/11 19:31	MGB	P1D0402
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	4/21/11 19:31	MGB	P1D0402
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	4/21/11 19:31	MGB	P1D0402
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	4/21/11 19:31	MGB	P1D0402
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	4/21/11 19:31	MGB	P1D0402
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	4/21/11 19:31	MGB	P1D0402
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	4/21/11 19:31	MGB	P1D0402
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	4/21/11 19:31	MGB	P1D0402
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	4/21/11 19:31	MGB	P1D0402

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*90 %*	*80-124*
Dibromofluoromethane	*90 %*	*75-129*
Toluene-d8	*89 %*	*77-123*

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW2
Prism Sample ID: 1040370-06
Prism Work Order: 1040370
Time Collected: 04/13/11 11:45
Time Submitted: 04/14/11 18:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	BRL	ug/L	10	1.8	1	6010C	4/18/11 23:56	DWR	P1D0296
Barium	**94**	**ug/L**	**10**	**0.36**	**1**	**6010C**	**4/18/11 23:56**	**DWR**	**P1D0296**
Cadmium	**0.53 J**	**ug/L**	**1.0**	**0.17**	**1**	**6010C**	**4/18/11 23:56**	**DWR**	**P1D0296**
Chromium	BRL	ug/L	5.0	0.70	1	6010C	4/18/11 23:56	DWR	P1D0296
Lead	BRL	ug/L	5.0	0.73	1	6010C	4/18/11 23:56	DWR	P1D0296
Selenium	BRL	ug/L	10	3.5	1	6010C	4/18/11 23:56	DWR	P1D0296
Silver	BRL	ug/L	5.0	0.17	1	6010C	4/18/11 23:56	DWR	P1D0296
Total Metals									
Mercury	BRL	ug/L	0.20	0.014	1	7470A	4/25/11 15:34	LTB	P1D0432
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	4/21/11 19:57	MGB	P1D0402
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	4/21/11 19:57	MGB	P1D0402
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	4/21/11 19:57	MGB	P1D0402
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	4/21/11 19:57	MGB	P1D0402
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	4/21/11 19:57	MGB	P1D0402
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	4/21/11 19:57	MGB	P1D0402
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	4/21/11 19:57	MGB	P1D0402
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	4/21/11 19:57	MGB	P1D0402
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	4/21/11 19:57	MGB	P1D0402
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	4/21/11 19:57	MGB	P1D0402
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	4/21/11 19:57	MGB	P1D0402
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 19:57	MGB	P1D0402
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	4/21/11 19:57	MGB	P1D0402
Acetone	BRL	ug/L	5.0	0.62	1	8260B	4/21/11 19:57	MGB	P1D0402
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	4/21/11 19:57	MGB	P1D0402
Benzene	BRL	ug/L	0.50	0.072	1	8260B	4/21/11 19:57	MGB	P1D0402
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 19:57	MGB	P1D0402
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	4/21/11 19:57	MGB	P1D0402
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	4/21/11 19:57	MGB	P1D0402
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	4/21/11 19:57	MGB	P1D0402
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	4/21/11 19:57	MGB	P1D0402
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	4/21/11 19:57	MGB	P1D0402
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	4/21/11 19:57	MGB	P1D0402
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 19:57	MGB	P1D0402
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	4/21/11 19:57	MGB	P1D0402
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	4/21/11 19:57	MGB	P1D0402
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	4/21/11 19:57	MGB	P1D0402
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	4/21/11 19:57	MGB	P1D0402
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	4/21/11 19:57	MGB	P1D0402
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 19:57	MGB	P1D0402
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	4/21/11 19:57	MGB	P1D0402
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	4/21/11 19:57	MGB	P1D0402

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW2
Prism Sample ID: 1040370-06
Prism Work Order: 1040370
Time Collected: 04/13/11 11:45
Time Submitted: 04/14/11 18:30

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	4/21/11 19:57	MGB	P1D0402
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	4/21/11 19:57	MGB	P1D0402
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	4/21/11 19:57	MGB	P1D0402
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	4/21/11 19:57	MGB	P1D0402
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	4/21/11 19:57	MGB	P1D0402
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	4/21/11 19:57	MGB	P1D0402
Styrene	BRL	ug/L	0.50	0.047	1	8260B	4/21/11 19:57	MGB	P1D0402
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	4/21/11 19:57	MGB	P1D0402
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	4/21/11 19:57	MGB	P1D0402
Toluene	BRL	ug/L	0.50	0.042	1	8260B	4/21/11 19:57	MGB	P1D0402
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	4/21/11 19:57	MGB	P1D0402
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	4/21/11 19:57	MGB	P1D0402
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	4/21/11 19:57	MGB	P1D0402
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	4/21/11 19:57	MGB	P1D0402
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	4/21/11 19:57	MGB	P1D0402
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	4/21/11 19:57	MGB	P1D0402
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	4/21/11 19:57	MGB	P1D0402
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	4/21/11 19:57	MGB	P1D0402

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*86 %*	*80-124*
Dibromofluoromethane	*92 %*	*75-129*
Toluene-d8	*90 %*	*77-123*

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-SW2
Prism Sample ID: 1040370-07
Prism Work Order: 1040370
Time Collected: 04/13/11 11:10
Time Submitted: 04/14/11 18:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	BRL	ug/L	10	1.8	1	6010C	4/18/11 23:12	DWR	P1D0296
Barium	**31**	**ug/L**	**10**	**0.36**	**1**	**6010C**	**4/18/11 23:12**	**DWR**	**P1D0296**
Cadmium	**0.63 J**	**ug/L**	**1.0**	**0.17**	**1**	**6010C**	**4/18/11 23:12**	**DWR**	**P1D0296**
Chromium	BRL	ug/L	5.0	0.70	1	6010C	4/18/11 23:12	DWR	P1D0296
Lead	**1.0 J**	**ug/L**	**5.0**	**0.73**	**1**	**6010C**	**4/18/11 23:12**	**DWR**	**P1D0296**
Selenium	BRL	ug/L	10	3.5	1	6010C	4/18/11 23:12	DWR	P1D0296
Silver	BRL	ug/L	5.0	0.17	1	6010C	4/18/11 23:12	DWR	P1D0296
Total Metals									
Mercury	BRL	ug/L	0.20	0.014	1	7470A	4/25/11 15:38	LTB	P1D0432
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	4/21/11 20:23	MGB	P1D0402
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	4/21/11 20:23	MGB	P1D0402
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	4/21/11 20:23	MGB	P1D0402
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	4/21/11 20:23	MGB	P1D0402
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	4/21/11 20:23	MGB	P1D0402
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	4/21/11 20:23	MGB	P1D0402
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	4/21/11 20:23	MGB	P1D0402
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	4/21/11 20:23	MGB	P1D0402
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	4/21/11 20:23	MGB	P1D0402
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	4/21/11 20:23	MGB	P1D0402
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	4/21/11 20:23	MGB	P1D0402
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 20:23	MGB	P1D0402
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	4/21/11 20:23	MGB	P1D0402
Acetone	BRL	ug/L	5.0	0.62	1	8260B	4/21/11 20:23	MGB	P1D0402
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	4/21/11 20:23	MGB	P1D0402
Benzene	BRL	ug/L	0.50	0.072	1	8260B	4/21/11 20:23	MGB	P1D0402
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 20:23	MGB	P1D0402
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	4/21/11 20:23	MGB	P1D0402
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	4/21/11 20:23	MGB	P1D0402
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	4/21/11 20:23	MGB	P1D0402
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	4/21/11 20:23	MGB	P1D0402
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	4/21/11 20:23	MGB	P1D0402
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	4/21/11 20:23	MGB	P1D0402
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 20:23	MGB	P1D0402
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	4/21/11 20:23	MGB	P1D0402
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	4/21/11 20:23	MGB	P1D0402
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	4/21/11 20:23	MGB	P1D0402
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	4/21/11 20:23	MGB	P1D0402
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	4/21/11 20:23	MGB	P1D0402
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 20:23	MGB	P1D0402
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	4/21/11 20:23	MGB	P1D0402
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	4/21/11 20:23	MGB	P1D0402

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-SW2
Prism Sample ID: 1040370-07
Prism Work Order: 1040370
Time Collected: 04/13/11 11:10
Time Submitted: 04/14/11 18:30

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	4/21/11 20:23	MGB	P1D0402
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	4/21/11 20:23	MGB	P1D0402
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	4/21/11 20:23	MGB	P1D0402
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	4/21/11 20:23	MGB	P1D0402
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	4/21/11 20:23	MGB	P1D0402
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	4/21/11 20:23	MGB	P1D0402
Styrene	BRL	ug/L	0.50	0.047	1	8260B	4/21/11 20:23	MGB	P1D0402
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	4/21/11 20:23	MGB	P1D0402
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	4/21/11 20:23	MGB	P1D0402
Toluene	BRL	ug/L	0.50	0.042	1	8260B	4/21/11 20:23	MGB	P1D0402
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	4/21/11 20:23	MGB	P1D0402
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	4/21/11 20:23	MGB	P1D0402
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	4/21/11 20:23	MGB	P1D0402
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	4/21/11 20:23	MGB	P1D0402
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	4/21/11 20:23	MGB	P1D0402
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	4/21/11 20:23	MGB	P1D0402
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	4/21/11 20:23	MGB	P1D0402
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	4/21/11 20:23	MGB	P1D0402

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*89 %*	*80-124*
Dibromofluoromethane	*91 %*	*75-129*
Toluene-d8	*90 %*	*77-123*

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW7
Prism Sample ID: 1040370-08
Prism Work Order: 1040370
Time Collected: 04/13/11 12:40
Time Submitted: 04/14/11 18:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	BRL	ug/L	10	1.8	1	6010C	4/18/11 23:38	DWR	P1D0296
Barium	**67**	**ug/L**	**10**	**0.36**	**1**	**6010C**	**4/18/11 23:38**	**DWR**	**P1D0296**
Cadmium	BRL	ug/L	1.0	0.17	1	6010C	4/18/11 23:38	DWR	P1D0296
Chromium	BRL	ug/L	5.0	0.70	1	6010C	4/18/11 23:38	DWR	P1D0296
Lead	**2.7 J**	**ug/L**	**5.0**	**0.73**	**1**	**6010C**	**4/18/11 23:38**	**DWR**	**P1D0296**
Selenium	BRL	ug/L	10	3.5	1	6010C	4/18/11 23:38	DWR	P1D0296
Silver	BRL	ug/L	5.0	0.17	1	6010C	4/18/11 23:38	DWR	P1D0296
Total Metals									
Mercury	BRL	ug/L	0.20	0.014	1	7470A	4/25/11 15:42	LTB	P1D0432
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	4/21/11 20:49	MGB	P1D0402
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	4/21/11 20:49	MGB	P1D0402
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	4/21/11 20:49	MGB	P1D0402
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	4/21/11 20:49	MGB	P1D0402
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	4/21/11 20:49	MGB	P1D0402
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	4/21/11 20:49	MGB	P1D0402
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	4/21/11 20:49	MGB	P1D0402
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	4/21/11 20:49	MGB	P1D0402
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	4/21/11 20:49	MGB	P1D0402
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	4/21/11 20:49	MGB	P1D0402
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	4/21/11 20:49	MGB	P1D0402
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 20:49	MGB	P1D0402
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	4/21/11 20:49	MGB	P1D0402
Acetone	BRL	ug/L	5.0	0.62	1	8260B	4/21/11 20:49	MGB	P1D0402
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	4/21/11 20:49	MGB	P1D0402
Benzene	BRL	ug/L	0.50	0.072	1	8260B	4/21/11 20:49	MGB	P1D0402
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 20:49	MGB	P1D0402
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	4/21/11 20:49	MGB	P1D0402
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	4/21/11 20:49	MGB	P1D0402
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	4/21/11 20:49	MGB	P1D0402
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	4/21/11 20:49	MGB	P1D0402
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	4/21/11 20:49	MGB	P1D0402
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	4/21/11 20:49	MGB	P1D0402
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 20:49	MGB	P1D0402
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	4/21/11 20:49	MGB	P1D0402
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	4/21/11 20:49	MGB	P1D0402
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	4/21/11 20:49	MGB	P1D0402
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	4/21/11 20:49	MGB	P1D0402
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	4/21/11 20:49	MGB	P1D0402
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 20:49	MGB	P1D0402
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	4/21/11 20:49	MGB	P1D0402
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	4/21/11 20:49	MGB	P1D0402

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW7
Prism Sample ID: 1040370-08
Prism Work Order: 1040370
Time Collected: 04/13/11 12:40
Time Submitted: 04/14/11 18:30

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	4/21/11 20:49	MGB	P1D0402
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	4/21/11 20:49	MGB	P1D0402
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	4/21/11 20:49	MGB	P1D0402
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	4/21/11 20:49	MGB	P1D0402
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	4/21/11 20:49	MGB	P1D0402
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	4/21/11 20:49	MGB	P1D0402
Styrene	BRL	ug/L	0.50	0.047	1	8260B	4/21/11 20:49	MGB	P1D0402
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	4/21/11 20:49	MGB	P1D0402
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	4/21/11 20:49	MGB	P1D0402
Toluene	BRL	ug/L	0.50	0.042	1	8260B	4/21/11 20:49	MGB	P1D0402
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	4/21/11 20:49	MGB	P1D0402
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	4/21/11 20:49	MGB	P1D0402
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	4/21/11 20:49	MGB	P1D0402
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	4/21/11 20:49	MGB	P1D0402
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	4/21/11 20:49	MGB	P1D0402
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	4/21/11 20:49	MGB	P1D0402
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	4/21/11 20:49	MGB	P1D0402
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	4/21/11 20:49	MGB	P1D0402

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*88 %*	*80-124*
Dibromofluoromethane	*93 %*	*75-129*
Toluene-d8	*87 %*	*77-123*

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW6
Prism Sample ID: 1040370-09
Prism Work Order: 1040370
Time Collected: 04/13/11 13:30
Time Submitted: 04/14/11 18:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	BRL	ug/L	10	1.8	1	6010C	4/19/11 0:15	DWR	P1D0296
Barium	**18**	**ug/L**	**10**	**0.36**	**1**	**6010C**	**4/19/11 0:15**	**DWR**	**P1D0296**
Cadmium	BRL	ug/L	1.0	0.17	1	6010C	4/19/11 0:15	DWR	P1D0296
Chromium	BRL	ug/L	5.0	0.70	1	6010C	4/19/11 0:15	DWR	P1D0296
Lead	BRL	ug/L	5.0	0.73	1	6010C	4/19/11 0:15	DWR	P1D0296
Selenium	BRL	ug/L	10	3.5	1	6010C	4/19/11 0:15	DWR	P1D0296
Silver	BRL	ug/L	5.0	0.17	1	6010C	4/19/11 0:15	DWR	P1D0296
Total Metals									
Mercury	BRL	ug/L	0.20	0.014	1	7470A	4/25/11 15:46	LTB	P1D0432
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	4/21/11 21:15	MGB	P1D0402
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	4/21/11 21:15	MGB	P1D0402
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	4/21/11 21:15	MGB	P1D0402
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	4/21/11 21:15	MGB	P1D0402
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	4/21/11 21:15	MGB	P1D0402
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	4/21/11 21:15	MGB	P1D0402
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	4/21/11 21:15	MGB	P1D0402
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	4/21/11 21:15	MGB	P1D0402
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	4/21/11 21:15	MGB	P1D0402
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	4/21/11 21:15	MGB	P1D0402
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	4/21/11 21:15	MGB	P1D0402
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 21:15	MGB	P1D0402
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	4/21/11 21:15	MGB	P1D0402
Acetone	BRL	ug/L	5.0	0.62	1	8260B	4/21/11 21:15	MGB	P1D0402
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	4/21/11 21:15	MGB	P1D0402
Benzene	BRL	ug/L	0.50	0.072	1	8260B	4/21/11 21:15	MGB	P1D0402
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 21:15	MGB	P1D0402
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	4/21/11 21:15	MGB	P1D0402
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	4/21/11 21:15	MGB	P1D0402
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	4/21/11 21:15	MGB	P1D0402
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	4/21/11 21:15	MGB	P1D0402
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	4/21/11 21:15	MGB	P1D0402
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	4/21/11 21:15	MGB	P1D0402
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 21:15	MGB	P1D0402
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	4/21/11 21:15	MGB	P1D0402
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	4/21/11 21:15	MGB	P1D0402
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	4/21/11 21:15	MGB	P1D0402
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	4/21/11 21:15	MGB	P1D0402
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	4/21/11 21:15	MGB	P1D0402
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	4/21/11 21:15	MGB	P1D0402
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	4/21/11 21:15	MGB	P1D0402
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	4/21/11 21:15	MGB	P1D0402

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW6
Prism Sample ID: 1040370-09
Prism Work Order: 1040370
Time Collected: 04/13/11 13:30
Time Submitted: 04/14/11 18:30

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	4/21/11 21:15	MGB	P1D0402
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	4/21/11 21:15	MGB	P1D0402
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	4/21/11 21:15	MGB	P1D0402
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	4/21/11 21:15	MGB	P1D0402
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	4/21/11 21:15	MGB	P1D0402
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	4/21/11 21:15	MGB	P1D0402
Styrene	BRL	ug/L	0.50	0.047	1	8260B	4/21/11 21:15	MGB	P1D0402
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	4/21/11 21:15	MGB	P1D0402
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	4/21/11 21:15	MGB	P1D0402
Toluene	BRL	ug/L	0.50	0.042	1	8260B	4/21/11 21:15	MGB	P1D0402
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	4/21/11 21:15	MGB	P1D0402
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	4/21/11 21:15	MGB	P1D0402
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	4/21/11 21:15	MGB	P1D0402
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	4/21/11 21:15	MGB	P1D0402
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	4/21/11 21:15	MGB	P1D0402
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	4/21/11 21:15	MGB	P1D0402
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	4/21/11 21:15	MGB	P1D0402
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	4/21/11 21:15	MGB	P1D0402

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*89 %*	*80-124*
Dibromofluoromethane	*93 %*	*75-129*
Toluene-d8	*90 %*	*77-123*

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-SW1
Prism Sample ID: 1040370-10
Prism Work Order: 1040370
Time Collected: 04/13/11 13:50
Time Submitted: 04/14/11 18:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	BRL	ug/L	10	1.8	1	6010C	4/18/11 23:44	DWR	P1D0296
Barium	**38**	**ug/L**	**10**	**0.36**	**1**	**6010C**	**4/18/11 23:44**	**DWR**	**P1D0296**
Cadmium	BRL	ug/L	1.0	0.17	1	6010C	4/18/11 23:44	DWR	P1D0296
Chromium	BRL	ug/L	5.0	0.70	1	6010C	4/18/11 23:44	DWR	P1D0296
Lead	BRL	ug/L	5.0	0.73	1	6010C	4/18/11 23:44	DWR	P1D0296
Selenium	BRL	ug/L	10	3.5	1	6010C	4/18/11 23:44	DWR	P1D0296
Silver	BRL	ug/L	5.0	0.17	1	6010C	4/18/11 23:44	DWR	P1D0296
Total Metals									
Mercury	BRL	ug/L	0.20	0.014	1	7470A	4/25/11 15:50	LTB	P1D0432
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	4/26/11 23:15	MGB	P1D0487
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	4/26/11 23:15	MGB	P1D0487
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	4/26/11 23:15	MGB	P1D0487
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	4/26/11 23:15	MGB	P1D0487
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	4/26/11 23:15	MGB	P1D0487
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	4/26/11 23:15	MGB	P1D0487
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	4/26/11 23:15	MGB	P1D0487
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	4/26/11 23:15	MGB	P1D0487
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	4/26/11 23:15	MGB	P1D0487
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	4/26/11 23:15	MGB	P1D0487
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	4/26/11 23:15	MGB	P1D0487
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	4/26/11 23:15	MGB	P1D0487
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	4/26/11 23:15	MGB	P1D0487
Acetone	BRL	ug/L	5.0	0.62	1	8260B	4/26/11 23:15	MGB	P1D0487
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	4/26/11 23:15	MGB	P1D0487
Benzene	BRL	ug/L	0.50	0.072	1	8260B	4/26/11 23:15	MGB	P1D0487
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	4/26/11 23:15	MGB	P1D0487
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	4/26/11 23:15	MGB	P1D0487
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	4/26/11 23:15	MGB	P1D0487
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	4/26/11 23:15	MGB	P1D0487
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	4/26/11 23:15	MGB	P1D0487
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	4/26/11 23:15	MGB	P1D0487
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	4/26/11 23:15	MGB	P1D0487
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	4/26/11 23:15	MGB	P1D0487
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	4/26/11 23:15	MGB	P1D0487
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	4/26/11 23:15	MGB	P1D0487
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	4/26/11 23:15	MGB	P1D0487
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	4/26/11 23:15	MGB	P1D0487
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	4/26/11 23:15	MGB	P1D0487
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	4/26/11 23:15	MGB	P1D0487
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	4/26/11 23:15	MGB	P1D0487
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	4/26/11 23:15	MGB	P1D0487

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-SW1
Prism Sample ID: 1040370-10
Prism Work Order: 1040370
Time Collected: 04/13/11 13:50
Time Submitted: 04/14/11 18:30

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	4/26/11 23:15	MGB	P1D0487
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	4/26/11 23:15	MGB	P1D0487
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	4/26/11 23:15	MGB	P1D0487
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	4/26/11 23:15	MGB	P1D0487
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	4/26/11 23:15	MGB	P1D0487
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	4/26/11 23:15	MGB	P1D0487
Styrene	BRL	ug/L	0.50	0.047	1	8260B	4/26/11 23:15	MGB	P1D0487
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	4/26/11 23:15	MGB	P1D0487
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	4/26/11 23:15	MGB	P1D0487
Toluene	BRL	ug/L	0.50	0.042	1	8260B	4/26/11 23:15	MGB	P1D0487
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	4/26/11 23:15	MGB	P1D0487
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	4/26/11 23:15	MGB	P1D0487
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	4/26/11 23:15	MGB	P1D0487
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	4/26/11 23:15	MGB	P1D0487
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	4/26/11 23:15	MGB	P1D0487
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	4/26/11 23:15	MGB	P1D0487
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	4/26/11 23:15	MGB	P1D0487
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	4/26/11 23:15	MGB	P1D0487

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*87 %*	*80-124*
Dibromofluoromethane	*89 %*	*75-129*
Toluene-d8	*87 %*	*77-123*

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW5
Prism Sample ID: 1040370-11
Prism Work Order: 1040370
Time Collected: 04/13/11 14:30
Time Submitted: 04/14/11 18:30

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	BRL	ug/L	10	1.8	1	6010C	4/18/11 23:06	DWR	P1D0296
Barium	**31**	**ug/L**	**10**	**0.36**	**1**	**6010C**	**4/18/11 23:06**	**DWR**	**P1D0296**
Cadmium	**0.45 J**	**ug/L**	**1.0**	**0.17**	**1**	**6010C**	**4/18/11 23:06**	**DWR**	**P1D0296**
Chromium	BRL	ug/L	5.0	0.70	1	6010C	4/18/11 23:06	DWR	P1D0296
Lead	BRL	ug/L	5.0	0.73	1	6010C	4/18/11 23:06	DWR	P1D0296
Selenium	BRL	ug/L	10	3.5	1	6010C	4/18/11 23:06	DWR	P1D0296
Silver	BRL	ug/L	5.0	0.17	1	6010C	4/18/11 23:06	DWR	P1D0296
Total Metals									
Mercury	BRL	ug/L	0.20	0.014	1	7470A	4/25/11 15:53	LTB	P1D0432
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	4/26/11 23:41	MGB	P1D0487
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	4/26/11 23:41	MGB	P1D0487
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	4/26/11 23:41	MGB	P1D0487
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	4/26/11 23:41	MGB	P1D0487
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	4/26/11 23:41	MGB	P1D0487
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	4/26/11 23:41	MGB	P1D0487
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	4/26/11 23:41	MGB	P1D0487
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	4/26/11 23:41	MGB	P1D0487
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	4/26/11 23:41	MGB	P1D0487
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	4/26/11 23:41	MGB	P1D0487
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	4/26/11 23:41	MGB	P1D0487
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	4/26/11 23:41	MGB	P1D0487
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	4/26/11 23:41	MGB	P1D0487
Acetone	BRL	ug/L	5.0	0.62	1	8260B	4/26/11 23:41	MGB	P1D0487
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	4/26/11 23:41	MGB	P1D0487
Benzene	BRL	ug/L	0.50	0.072	1	8260B	4/26/11 23:41	MGB	P1D0487
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	4/26/11 23:41	MGB	P1D0487
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	4/26/11 23:41	MGB	P1D0487
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	4/26/11 23:41	MGB	P1D0487
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	4/26/11 23:41	MGB	P1D0487
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	4/26/11 23:41	MGB	P1D0487
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	4/26/11 23:41	MGB	P1D0487
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	4/26/11 23:41	MGB	P1D0487
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	4/26/11 23:41	MGB	P1D0487
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	4/26/11 23:41	MGB	P1D0487
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	4/26/11 23:41	MGB	P1D0487
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	4/26/11 23:41	MGB	P1D0487
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	4/26/11 23:41	MGB	P1D0487
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	4/26/11 23:41	MGB	P1D0487
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	4/26/11 23:41	MGB	P1D0487
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	4/26/11 23:41	MGB	P1D0487
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	4/26/11 23:41	MGB	P1D0487

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW5
Prism Sample ID: 1040370-11
Prism Work Order: 1040370
Time Collected: 04/13/11 14:30
Time Submitted: 04/14/11 18:30

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	4/26/11 23:41	MGB	P1D0487
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	4/26/11 23:41	MGB	P1D0487
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	4/26/11 23:41	MGB	P1D0487
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	4/26/11 23:41	MGB	P1D0487
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	4/26/11 23:41	MGB	P1D0487
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	4/26/11 23:41	MGB	P1D0487
Styrene	BRL	ug/L	0.50	0.047	1	8260B	4/26/11 23:41	MGB	P1D0487
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	4/26/11 23:41	MGB	P1D0487
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	4/26/11 23:41	MGB	P1D0487
Toluene	BRL	ug/L	0.50	0.042	1	8260B	4/26/11 23:41	MGB	P1D0487
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	4/26/11 23:41	MGB	P1D0487
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	4/26/11 23:41	MGB	P1D0487
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	4/26/11 23:41	MGB	P1D0487
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	4/26/11 23:41	MGB	P1D0487
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	4/26/11 23:41	MGB	P1D0487
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	4/26/11 23:41	MGB	P1D0487
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	4/26/11 23:41	MGB	P1D0487
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	4/26/11 23:41	MGB	P1D0487

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*91 %*	*80-124*
Dibromofluoromethane	*91 %*	*75-129*
Toluene-d8	*87 %*	*77-123*

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

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: TRIP BLANK
Prism Sample ID: 1040370-12
Prism Work Order: 1040370
Time Collected: 04/13/11 00:00
Time Submitted: 04/14/11 18:30

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	4/26/11 22:49	MGB	P1D0487
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	4/26/11 22:49	MGB	P1D0487
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	4/26/11 22:49	MGB	P1D0487
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	4/26/11 22:49	MGB	P1D0487
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	4/26/11 22:49	MGB	P1D0487
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	4/26/11 22:49	MGB	P1D0487
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	4/26/11 22:49	MGB	P1D0487
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	4/26/11 22:49	MGB	P1D0487
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	4/26/11 22:49	MGB	P1D0487
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	4/26/11 22:49	MGB	P1D0487
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	4/26/11 22:49	MGB	P1D0487
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	4/26/11 22:49	MGB	P1D0487
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	4/26/11 22:49	MGB	P1D0487
Acetone	BRL	ug/L	5.0	0.62	1	8260B	4/26/11 22:49	MGB	P1D0487
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	4/26/11 22:49	MGB	P1D0487
Benzene	BRL	ug/L	0.50	0.072	1	8260B	4/26/11 22:49	MGB	P1D0487
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	4/26/11 22:49	MGB	P1D0487
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	4/26/11 22:49	MGB	P1D0487
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	4/26/11 22:49	MGB	P1D0487
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	4/26/11 22:49	MGB	P1D0487
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	4/26/11 22:49	MGB	P1D0487
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	4/26/11 22:49	MGB	P1D0487
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	4/26/11 22:49	MGB	P1D0487
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	4/26/11 22:49	MGB	P1D0487
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	4/26/11 22:49	MGB	P1D0487
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	4/26/11 22:49	MGB	P1D0487
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	4/26/11 22:49	MGB	P1D0487
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	4/26/11 22:49	MGB	P1D0487
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	4/26/11 22:49	MGB	P1D0487
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	4/26/11 22:49	MGB	P1D0487
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	4/26/11 22:49	MGB	P1D0487
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	4/26/11 22:49	MGB	P1D0487
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	4/26/11 22:49	MGB	P1D0487
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	4/26/11 22:49	MGB	P1D0487
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	4/26/11 22:49	MGB	P1D0487
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	4/26/11 22:49	MGB	P1D0487
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	4/26/11 22:49	MGB	P1D0487
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	4/26/11 22:49	MGB	P1D0487
Styrene	BRL	ug/L	0.50	0.047	1	8260B	4/26/11 22:49	MGB	P1D0487
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	4/26/11 22:49	MGB	P1D0487
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	4/26/11 22:49	MGB	P1D0487
Toluene	BRL	ug/L	0.50	0.042	1	8260B	4/26/11 22:49	MGB	P1D0487

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Laboratory Report

05/02/2011

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

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: TRIP BLANK
Prism Sample ID: 1040370-12
Prism Work Order: 1040370
Time Collected: 04/13/11 00:00
Time Submitted: 04/14/11 18:30

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	4/26/11 22:49	MGB	P1D0487
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	4/26/11 22:49	MGB	P1D0487
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	4/26/11 22:49	MGB	P1D0487
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	4/26/11 22:49	MGB	P1D0487
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	4/26/11 22:49	MGB	P1D0487
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	4/26/11 22:49	MGB	P1D0487
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	4/26/11 22:49	MGB	P1D0487
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	4/26/11 22:49	MGB	P1D0487

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*87 %*	*80-124*
Dibromofluoromethane	*90 %*	*75-129*
Toluene-d8	*86 %*	*77-123*

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

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

Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 1040370
Time Submitted: 4/14/11 6:30:00PM

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 P1D0402 - 5030B										
Blank (P1D0402-BLK1)				Prepared & Analyzed: 04/21/11						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,2,3-Trichloropropane	BRL	1.0	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
Acetone	BRL	5.0	ug/L							
Acrylonitrile	BRL	20	ug/L							
Benzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Ethylbenzene	BRL	0.50	ug/L							
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Iodide	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	5.0	ug/L							
Methylene Chloride	BRL	1.0	ug/L							
o-Xylene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Tetrahydrofuran	BRL	10	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
trans-1,4-Dichloro-2-butene	BRL	10	ug/L							
Trichloroethylene	BRL	0.50	ug/L							

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

Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 1040370
Time Submitted: 4/14/11 6:30:00PM

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 P1D0402 - 5030B										
Blank (P1D0402-BLK1)				Prepared & Analyzed: 04/21/11						
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	*22.8*		*ug/L*	*25.0*		*91*	*80-124*			
Surrogate: Dibromofluoromethane	*23.1*		*ug/L*	*25.0*		*92*	*75-129*			
Surrogate: Toluene-d8	*22.7*		*ug/L*	*25.0*		*91*	*77-123*			
LCS (P1D0402-BS1)				Prepared & Analyzed: 04/21/11						
1,1-Dichloroethylene	55.7	0.50	ug/L	50.0		111	70-154			
Benzene	53.5	0.50	ug/L	50.0		107	77-128			
Chlorobenzene	52.5	0.50	ug/L	50.0		105	78-119			
Tetrahydrofuran	54.7	10	ug/L	50.0		109	70-130			
Toluene	54.5	0.50	ug/L	50.0		109	76-131			
Trichloroethylene	56.8	0.50	ug/L	50.0		114	77-133			
Surrogate: 4-Bromofluorobenzene	*21.8*		*ug/L*	*25.0*		*87*	*80-124*			
Surrogate: Dibromofluoromethane	*23.1*		*ug/L*	*25.0*		*92*	*75-129*			
Surrogate: Toluene-d8	*23.4*		*ug/L*	*25.0*		*94*	*77-123*			
LCS Dup (P1D0402-BSD1)				Prepared & Analyzed: 04/21/11						
1,1-Dichloroethylene	45.6	0.50	ug/L	50.0		91	70-154	20		
Benzene	44.3	0.50	ug/L	50.0		89	77-128	19		
Chlorobenzene	44.2	0.50	ug/L	50.0		88	78-119	17		
Tetrahydrofuran	49.4	10	ug/L	50.0		99	70-130	10		
Toluene	45.4	0.50	ug/L	50.0		91	76-131	18		
Trichloroethylene	46.7	0.50	ug/L	50.0		93	77-133	20		
Surrogate: 4-Bromofluorobenzene	*22.0*		*ug/L*	*25.0*		*88*	*80-124*			
Surrogate: Dibromofluoromethane	*23.1*		*ug/L*	*25.0*		*92*	*75-129*			
Surrogate: Toluene-d8	*23.3*		*ug/L*	*25.0*		*93*	*77-123*			

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

Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 1040370
Time Submitted: 4/14/11 6:30:00PM

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 P1D0487 - 5030B										
Blank (P1D0487-BLK1)				Prepared & Analyzed: 04/26/11						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,2,3-Trichloropropane	BRL	1.0	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
Acetone	BRL	5.0	ug/L							
Acrylonitrile	BRL	20	ug/L							
Benzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Ethylbenzene	BRL	0.50	ug/L							
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Iodide	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	5.0	ug/L							
Methylene Chloride	BRL	1.0	ug/L							
o-Xylene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Tetrahydrofuran	BRL	10	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
trans-1,4-Dichloro-2-butene	BRL	10	ug/L							
Trichloroethylene	BRL	0.50	ug/L							

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

Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 1040370
Time Submitted: 4/14/11 6:30:00PM

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 P1D0487 - 5030B										
Blank (P1D0487-BLK1)				Prepared & Analyzed: 04/26/11						
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	*22.3*		*ug/L*	*25.0*		*89*	*80-124*			
Surrogate: Dibromofluoromethane	*22.2*		*ug/L*	*25.0*		*89*	*75-129*			
Surrogate: Toluene-d8	*21.8*		*ug/L*	*25.0*		*87*	*77-123*			
LCS (P1D0487-BS1)				Prepared & Analyzed: 04/26/11						
1,1-Dichloroethylene	43.6	0.50	ug/L	50.0		87	70-154			
Benzene	43.3	0.50	ug/L	50.0		87	77-128			
Chlorobenzene	42.4	0.50	ug/L	50.0		85	78-119			
Tetrahydrofuran	45.1	10	ug/L	50.0		90	70-130			
Toluene	44.3	0.50	ug/L	50.0		89	76-131			
Trichloroethylene	45.2	0.50	ug/L	50.0		90	77-133			
Surrogate: 4-Bromofluorobenzene	*21.3*		*ug/L*	*25.0*		*85*	*80-124*			
Surrogate: Dibromofluoromethane	*22.1*		*ug/L*	*25.0*		*89*	*75-129*			
Surrogate: Toluene-d8	*22.3*		*ug/L*	*25.0*		*89*	*77-123*			
LCS Dup (P1D0487-BSD1)				Prepared & Analyzed: 04/26/11						
1,1-Dichloroethylene	45.1	0.50	ug/L	50.0		90	70-154	3		
Benzene	44.9	0.50	ug/L	50.0		90	77-128	4		
Chlorobenzene	43.6	0.50	ug/L	50.0		87	78-119	3		
Tetrahydrofuran	46.5	10	ug/L	50.0		93	70-130	3		
Toluene	45.9	0.50	ug/L	50.0		92	76-131	4		
Trichloroethylene	47.0	0.50	ug/L	50.0		94	77-133	4		
Surrogate: 4-Bromofluorobenzene	*21.2*		*ug/L*	*25.0*		*85*	*80-124*			
Surrogate: Dibromofluoromethane	*22.4*		*ug/L*	*25.0*		*89*	*75-129*			
Surrogate: Toluene-d8	*22.2*		*ug/L*	*25.0*		*89*	*77-123*			

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

Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 1040370
Time Submitted: 4/14/11 6:30:00PM

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 P1D0487 - 5030B										
Matrix Spike (P1D0487-MS1)		**Source: 1040370-10**		Prepared & Analyzed: 04/26/11						
1,1-Dichloroethylene	396	5.0	ug/L	500	BRL	79	65-162		20	
Benzene	408	5.0	ug/L	500	BRL	82	73-131		17	
Chlorobenzene	404	5.0	ug/L	500	BRL	81	76-119		20	
Tetrahydrofuran	466	100	ug/L	500	BRL	93	70-130		20	
Toluene	420	5.0	ug/L	500	BRL	84	72-135		18	
Trichloroethylene	415	5.0	ug/L	500	BRL	83	72-133		17	
Surrogate: 4-Bromofluorobenzene	*22.0*		*ug/L*	*25.0*		*88*	*80-124*			
Surrogate: Dibromofluoromethane	*22.2*		*ug/L*	*25.0*		*89*	*75-129*			
Surrogate: Toluene-d8	*22.4*		*ug/L*	*25.0*		*90*	*77-123*			
Matrix Spike Dup (P1D0487-MSD1)		**Source: 1040370-10**		Prepared & Analyzed: 04/26/11						
1,1-Dichloroethylene	384	5.0	ug/L	500	BRL	77	65-162	3	20	
Benzene	399	5.0	ug/L	500	BRL	80	73-131	2	17	
Chlorobenzene	395	5.0	ug/L	500	BRL	79	76-119	2	20	
Tetrahydrofuran	463	100	ug/L	500	BRL	93	70-130	0.8	20	
Toluene	410	5.0	ug/L	500	BRL	82	72-135	2	18	
Trichloroethylene	406	5.0	ug/L	500	BRL	81	72-133	2	17	
Surrogate: 4-Bromofluorobenzene	*21.3*		*ug/L*	*25.0*		*85*	*80-124*			
Surrogate: Dibromofluoromethane	*22.4*		*ug/L*	*25.0*		*89*	*75-129*			
Surrogate: Toluene-d8	*22.1*		*ug/L*	*25.0*		*89*	*77-123*			

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

Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 1040370
Time Submitted: 4/14/11 6:30:00PM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1D0432 - 7470A										
Blank (P1D0432-BLK1)				Prepared & Analyzed: 04/25/11						
Mercury	BRL	0.20	ug/L							
LCS (P1D0432-BS1)				Prepared & Analyzed: 04/25/11						
Mercury	9.90	0.20	ug/L	9.38		106	80-120			

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

Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 1040370
Time Submitted: 4/14/11 6:30:00PM

3030C Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1D0296 - SM3030 C										
Blank (P1D0296-BLK1)				Prepared: 04/15/11	Analyzed: 04/18/11					
Arsenic	BRL	10	ug/L							
Barium	BRL	10	ug/L							
Cadmium	BRL	1.0	ug/L							
Chromium	BRL	5.0	ug/L							
Lead	BRL	5.0	ug/L							
Selenium	BRL	10	ug/L							
Silver	BRL	5.0	ug/L							
LCS (P1D0296-BS1)				Prepared: 04/15/11	Analyzed: 04/18/11					
Arsenic	259	10	ug/L	250		104	80-120			
Barium	254	10	ug/L	250		102	80-120			
Cadmium	255	1.0	ug/L	250		102	80-120			
Chromium	252	5.0	ug/L	250		101	80-120			
Lead	263	5.0	ug/L	250		105	80-120			
Selenium	309	10	ug/L	250		124	80-120			LH
Silver	257	5.0	ug/L	250		103	80-120			

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Sample Extraction Data

Prep Method: SM3030 C

Lab Number	Batch	Initial	Final	Date
1040370-01	P1D0296	50 mL	50 mL	04/15/11
1040370-02	P1D0296	50 mL	50 mL	04/15/11
1040370-03	P1D0296	50 mL	50 mL	04/15/11
1040370-04	P1D0296	50 mL	50 mL	04/15/11
1040370-05	P1D0296	50 mL	50 mL	04/15/11
1040370-06	P1D0296	50 mL	50 mL	04/15/11
1040370-07	P1D0296	50 mL	50 mL	04/15/11
1040370-08	P1D0296	50 mL	50 mL	04/15/11
1040370-09	P1D0296	50 mL	50 mL	04/15/11
1040370-10	P1D0296	50 mL	50 mL	04/15/11
1040370-11	P1D0296	50 mL	50 mL	04/15/11

Prep Method: 7470A

Lab Number	Batch	Initial	Final	Date
1040370-01	P1D0432	20 mL	30 mL	04/25/11
1040370-02	P1D0432	20 mL	30 mL	04/25/11
1040370-03	P1D0432	20 mL	30 mL	04/25/11
1040370-04	P1D0432	20 mL	30 mL	04/25/11
1040370-05	P1D0432	20 mL	30 mL	04/25/11
1040370-06	P1D0432	20 mL	30 mL	04/25/11
1040370-07	P1D0432	20 mL	30 mL	04/25/11
1040370-08	P1D0432	20 mL	30 mL	04/25/11
1040370-09	P1D0432	20 mL	30 mL	04/25/11
1040370-10	P1D0432	20 mL	30 mL	04/25/11
1040370-11	P1D0432	20 mL	30 mL	04/25/11

Prep Method: 5030B

Lab Number	Batch	Initial	Final	Date
1040370-01	P1D0402	10 mL	10 mL	04/21/11
1040370-02	P1D0402	10 mL	10 mL	04/21/11
1040370-03	P1D0402	10 mL	10 mL	04/21/11
1040370-04	P1D0402	10 mL	10 mL	04/21/11
1040370-05	P1D0402	10 mL	10 mL	04/21/11
1040370-06	P1D0402	10 mL	10 mL	04/21/11
1040370-07	P1D0402	10 mL	10 mL	04/21/11
1040370-08	P1D0402	10 mL	10 mL	04/21/11
1040370-09	P1D0402	10 mL	10 mL	04/21/11
1040370-10	P1D0487	10 mL	10 mL	04/26/11
1040370-11	P1D0487	10 mL	10 mL	04/26/11
1040370-12	P1D0487	10 mL	10 mL	04/26/11

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

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

CHAIN OF CUSTODY RECORD

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

Project Name: Central Carolina LF
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: Same
Address: "

Client Company Name: BSB, PG
Report To/Contact Name: Brian Boulton
Reporting Address: 11112 Branding Iron Pl.
Wendell, NC 27591
Phone: 919-363-3663 Fax (Yes) (No): _____
Email (Yes) (No) Email Address _____
EDD Type: PDF ✓ Excel ___ Other _____
Site Location Name: Central Carolina Tire LF
Site Location Physical Address: Permit #43-04

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

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	X		
Received ON WET ICE? Temp 4.4	X		
PROPER PRESERVATIVES indicated?	X		
Received WITHIN HOLDING TIMES?	X		
CUSTODY SEALS INTACT?			X
VOLATILES rec'd W/OUT HEADSPACE?	X		
PROPER CONTAINERS used?	X		

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

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	ANALYSES REQUESTED: App I VOCs	+ THF	SPLP Metals 3830c					REMARKS	PRISM LAB ID NO.
4304-EB01	4/13/11	0750	DI	VOA, P	3, 1	40 ml / 250 ml	HCl, HNO3	3	1							01
4304-MW9	↓	0825	WT	↓	↓	↓	↓	↓	↓							02
4304-MW8		0915	↓													03
4304-MW4		1005														04
4304-MW3		1050														05
4304-MW2		1145														06
4304-SW2		1110														07
4304-MW7		1240														08
4304-MW6		1330														09
4304-SW1	↓	1350	↓	↓	↓	↓	↓	↓	↓							10

PRESS DOWN FIRMLY - 3 COPIES

Sampler's Signature: Aaron Hill
Sampled By (Print Name): Aaron Hill
Affiliation: EFM

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
Aaron Hill	Alex Lassite	04/14/11	1120
Alex Lassite	David Huddleston	4/14/11	16:00
David Huddleston	Received For Prism Laboratories By:	4/14/11	18:30

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. 10460370

Additional Comments: MX

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

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)

100

SEE REVERSE FOR TERMS & CONDITIONS

ORIGINAL

CHAIN OF CUSTODY RECORD

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

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

Client Company Name: BSB PG
Report To/Contact Name: Brian Booth
Reporting Address: 11112 Branding Iron Pl.
Wendell, NC 27591
Phone: 919-363-3663 Fax (Yes) (No): _____
Email (Yes) (No) Email Address _____
EDD Type: PDF ✓ Excel ___ Other _____
Site Location Name: Central Carolina Tire LF
Site Location Physical Address: Permit #43-04

Project Name: Central Carolina 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: Same
Address: Same

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

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	X		
Received ON WET ICE? Temp 4.4	X		
PROPER PRESERVATIVES indicated?	X		
Received WITHIN HOLDING TIMES?	X		
CUSTODY SEALS INTACT?			X
VOLATILES rec'd W/OUT HEADSPACE?	X		
PROPER CONTAINERS used?	X		

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

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	ANALYSES REQUESTED: APPI VOCs + THF	RCRA metals 3030C					REMARKS	PRISM LAB ID NO.
4304-MW5	4/13/11	1430		VOA, P	3, 1	40ml/250ml	HCL, HNO3	3	1						11
Trip blank	—	—	DI	↓	2	↓	↓	2							12

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

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

Relinquished By: (Signature)	Received By: (Signature)	Date	Military/Hours
[signature]	[signature]	041411	1020
Relinquished By: (Signature)	Received By: (Signature)	Date	
	Daniel Huddleston	4/14/11	16:00
Relinquished By: (Signature)	Received For Prism Laboratories By:	Date	
Daniel Huddleston	[signature]	4/14/11	18:30

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. 1040370

Additional Comments:

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

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)

SEE REVERSE FOR TERMS & CONDITIONS

ORIGINAL