



COOPER TIRE & RUBBER COMPANY
3500 Washington Rd. • Texarkana, AR 71854 • Phone (870) 773-4502

June 10, 2013

Arkansas Department of Environmental Quality
Water Division - Enforcement Branch
5301 Northshore Drive
North Little Rock, Arkansas 72118-5317

RE: Cooper Tire & Rubber Company – AFIN: 46-00005 - NPDES Permit Number AR0038822
Discharge Number 001-A


Dear Sir or Madam:

The above-referenced permit requires that the Cooper Tire & Rubber Company Texarkana, Arkansas plant monitor specific effluent characteristics for Outfall 001. Enclosed is the Discharge Monitoring Report for the period.

Part III.D.7. of the subject permit require that all instances of noncompliance with the effluent characteristics limitations are reported at the time the DMR form is submitted. A non-compliance report form is also attached.

If you have any questions or require additional information, please contact Charles Allen at (870) 779-4260.

Sincerely,



J. Scott Cole
Plant Manager

Encl.

NON-COMPLIANCE REPORT

Arkansas Department of Environmental Quality
 NPDES Enforcement Section
 5301 Northshore Drive
 North Little Rock, AR 72118

RE: NPDES Permit No: AR0038822 Discharge Number: 001-A

Facility: COOPER TIRE & RUBBER COMPANY

Address: 3500 WASHINGTON ROAD

City: TERREHARTE State: AR Zip: 71854

Contact: CHARLES ALLEN Phone: 870-779-4260

Date of Non-Compliance	Parameter Exceeded	Quantity or Loading	Quality or Concentration	Permit Limits
5-3-13	ZINC	—	194 ug/L	133 ug/L <i>max avg</i>

We feel this problem was due to:
Accumulation of fugitive dust from the rubber mixing process and contribution of background concentrations of zinc.

We plan on correcting the problem in this manner:
Continue targeted housekeeping of the mixing process and maintain BMPs in place to minimize potential for zinc releases.

Time estimated that it will take to correct problem:
Unknown at this time. This is a historical issue with engineering studies indicating there is no feasible solution to meet current permit limits.

Sincerely,



 Authorized Signature

6/17/13

 Date



COOPERTIRES

Approved

Texarkana Document

Title:	Sample & Calibration Log	Document #:	TEX-1402
Process Owner:	Allen, Charles D.	Revision:	4
Review Date:	May 16, 2013	Effective Date:	May 16, 2012
OFFICE USE ONLY - PLEASE DO NOT MODIFY SHADED AREA			

Sample Log

NPDES Outfall 001 POTW Outfall _____ Other: _____
 Date 5/3/13

pH Meter Calibration

pH Buffers 4.01 7.00 10.01 Temp 25°C
 Initial Reading _____
 Final Reading NA _____ °C
 QC _____ S.U. Reading _____ S.U.
 Date _____ Time _____ By _____

DO Meter Calibration

% Saturation 100% 0.00%
 Initial Reading _____
 Final Reading NA _____
 QC _____ mg/l Reading _____ mg/l
 Date _____ Time _____ By _____

Sample Collection

Autosampler Manual _____ Start Time 0328 Stop Time 0930
 Autosampler Maintenance / Comments _____
 Rainfall 0.25 inches Gauge _____ Estimate Source NWS
 Total Flow _____ MGD Meter _____ Estimate _____ Source _____

pH/DO Collected Time _____ Date _____ By _____
 pH/DO Analyzed Time NA Date _____ By _____
 Instantaneous Flow _____ gpm
 pH Measured _____ S.U. DO Measured _____ mg/l Temp Measured _____ °C
 pH / DO Meter Maintenance / Comments _____

Analysis Requested:

COD _____ TSS BOD O&G (HEM) TPH (SGT) _____ Zinc
 Molybdenum _____ Lead _____ Mercury _____ Biomonitoring: _____
 Other: _____

Sample Characteristics / Comments



Results

Client: CTR1

Project: 610725

NPDES 001

Account
CTR1-L

Project
610725

Report To

Charles Allen
Cooper Tire
Environmental Mgr.
3500 E. Washington Rd
Texarkana, AR 71854-

Results

Parameter	Results	Units	RL	Flags	CAS	Bottle
1207116 Stormwater Outfall 001						
Liquid Aqueous	Collected by: C Allen		Affiliation: Cooper Tire		Received: 05/04/2013	05/03/2013 03:28:00
<hr/>						
EPA 1664B (HEM)	Prepared: 521103		05/13/2013		10:30:00	
N Oil and Grease (HEM)	<4.88	mg/L	4.88	Analyzed: LMI 05/13/2013	10:30:00 QCgroup	521103 02
<hr/>						
EPA 200.8 5.4	Prepared: 520294		05/06/2013		10:46:00	
N Zinc	0.194	mg/L	0.005	Analyzed: WOB 05/06/2013	17:22:33 QCgroup	520385 04
<hr/>						
SM 2540 D, 20th Ed.	Prepared: 520841		05/09/2013		08:39:00	
N Total Suspended Solids	30.7	mg/L	5.33	Analyzed: JWK 05/09/2013	09:10:00 QCgroup	520841 01
<hr/>						
SM 5210 B-97	Prepared: 520212		05/04/2013		11:23:31	
N Biochemical Oxygen Demand (BOD5)	19.4	mg/L	5.00	Analyzed: JWK 05/09/2013	14:43:36 QCgroup	520212 01
<hr/>						
SM 5220 D, 20th Ed.	Prepared: 520704		05/08/2013		14:00:00	
N Chemical Oxygen Demand	180	mg/L	20	Analyzed: CLK 05/08/2013	14:00:00 QCgroup	520704 02

The above methods that we used are approved for NPDES reporting as listed in 40 CFR 136 Table 1B or Ana-Lab has specific approval from EPA to use these methods for NPDES reporting.

Sample Preparation for Sample 1207116

Parameter	Results	Units	RL	Flags	CAS	Bottle
1207116 Stormwater Outfall 001						
					Received: 05/04/2013	
<hr/>						
	Prepared: 520704		05/04/2013		00:00:00	
z Bottle pH	6	SU		Analyzed: AAJ 05/04/2013	00:00:00 QCgroup	01
z Bottle pH	<2	SU				02
z Bottle pH	<2	SU				03
Bottle Temperature on Receipt	2	degrees				01
Bottle Temperature on Receipt	2	degrees				02
Bottle Temperature on Receipt	2	degrees				03





Results

Client: CTR1

Project: 610725

Sample Preparation for Sample 1207116

1207116 Stormwater Outfall 001

Received: 05/04/2013

EPA 200.2 2.8		Prepared: 520294	05/06/2013	10:46:00		
N	Liquid Metals Digestion	50/50	ml	03	Analyzed: ALH 05/06/2013	10:46:00 QCgroup 520294
SM 2540 D, 20th Ed.		Prepared: 520700	05/09/2013	08:39:00		
N	TSS Set Started	Started			Analyzed: JWK 05/09/2013	08:39:00 QCgroup 520700
SM 5210 B-97		Prepared: 520212	05/04/2013	11:23:31		
N	BOD Set Started	STARTED			Analyzed: MKC 05/04/2013	11:23:31 QCgroup 520212

Qualifiers:

We report results on an 'As Received' or wet basis unless marked 'Dry Weight'. Unless otherwise noted, testing was performed at Ana-lab's corporate laboratory that holds the following Federal and State certificates: Texas Department of Health Lead Firm Certificate 2110076, US Department of Agriculture Soil Import Permit S-37592, Texas Commission on Environmental Quality Drinking Water Laboratory Certificate TX219, Texas Commission on Environmental Quality NELAP T104704201, Oklahoma Department of Environmental Quality Drinking Water Certification Lab ID# D9913, EPA Lab Number TX00063, USEPA Approved Perchlorate Testing Lab, Oklahoma Department of Environmental Quality Laboratory Certificate 8125, Arkansas Department of Environmental Quality Certification #03-070-0, Louisiana Department of Environmental Quality Laboratory Certification (NELAP, LELAP) #02008, Louisiana Department of Health and Hospitals Drinking Water (NELAP) # LA030020, US Department of Energy Approved, State of Kansas Department of Health and Environment Waste Water and Solid/Hazardous Waste Cert. E-10365. The Accredited column designates accreditation by N-- NELAC, or z-- not covered under NELAC scope of accreditation.

These analytical results relate to the sample tested. This report may NOT be reproduced EXCEPT in FULL without written approval of Ana-Lab Corp. Unless otherwise specified, these test results meet the requirements of NELAC
 RL is the Reporting Limit (sample specific quantitation limit) and is at or above the Method Detection Limit (MDL). CAS is Chemical Abstract Service number.

C. H. Whiteside, Ph.D., President





Quality Control

Report To

Charles Allen
Cooper Tire
Environmental Mgr.
3500 E. Washington Rd
Texarkana, AR 71854-

NPDES 001

Account
CTR1 -L

Project
610725

520385 M Liquid Aqueous

EPA 2008/54

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Zinc	520294	ND	0.00123	0.005	mg/L	113424318

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	Out	File
Zinc	0.0489	0.05	mg/L	97.8	90.0 - 110		113424305
Zinc	0.0489	0.05	mg/L	97.8	90.0 - 110		113424309
Zinc	0.0494	0.05	mg/L	98.8	90.0 - 110		113424310
Zinc	0.0483	0.05	mg/L	96.6	90.0 - 110		113424320
Zinc	0.0478	0.05	mg/L	95.6	90.0 - 110		113424331
Zinc	0.0487	0.05	mg/L	97.4	90.0 - 110		113424341

ICV

Parameter	Reading	Known	Units	Recover%	Limits%	Out	File
Zinc	0.0513	0.05	mg/L	103	90.0 - 110		113424302

LCS

Parameter	PrepSet	Reading	Known	Units	Recover%	Limits	File	Out
Zinc	520294	0.487	0.500	mg/L	97.4	85.0 - 115	113424319	

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Zinc	520294	0.487	0.482	0.500	85.0 - 115	97.4	96.3	mg/L	1.03	20.0

MS

Parameter	Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
Zinc	1207116	0.673	0	0.194	0.500	70.0 - 130	95.8		mg/L		20.0

MSD

Parameter	Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
Zinc	1207116	0.673	0.673	0.194	0.500	70.0 - 130	95.8	95.8	mg/L	0	20.0

520212 W Liquid Aqueous

SM 5210B-97

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Biochemical Oxygen Demand (BOD5)	520212	0.250	0.200	0.500	mg/L	113420008
Biochemical Oxygen Demand (BOD5)	520212	0.030	0.200	0.500	mg/L	113420055

Duplicate

Parameter	Sample	Type	Result	Unknown	Unit	RPD	Limit%
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Quality Control

520212

W Liquid Aqueous

SM5210B-97

Duplicate

Parameter	Sample	Type	Result	Unknown	Unit	RPD	Limit%
Biochemical Oxygen Demand (BOD5)	1206844	Duplicate	4.23	3.67	mg/L	14.2	20.0
Biochemical Oxygen Demand (BOD5)	1206906	Duplicate	3.63	5.39	mg/L	0	20.0
Biochemical Oxygen Demand (BOD5)	1207036	Duplicate	ND	ND	mg/L		20.0

Seed Drop

Parameter	PrepSet	Reading	MDL	SQL	Units	Out	File
Biochemical Oxygen Demand (BOD5)	520212	0.963	0.200	0.500	mg/L		113420009
Biochemical Oxygen Demand (BOD5)	520212	0.793	0.200	0.500	mg/L		113420056

Standard

Parameter	Sample	Reading	Known	Units	Recover%	Limits%	Out	File
Biochemical Oxygen Demand (BOD5)		220	198	mg/L	111	83.7 - 116		113420010
Biochemical Oxygen Demand (BOD5)		227	198	mg/L	115	83.7 - 116		113420057

520704

W Liquid Aqueous

SM5220D, 20th Ed.

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	Out	File
Chemical Oxygen Demand	390	400	mg/L	97.5	95.0 - 105		113430377

Duplicate

Parameter	Sample	Type	Result	Unknown	Unit	RPD	Limit%
Chemical Oxygen Demand	1207021	Duplicate	ND	ND	mg/L		20.0
Chemical Oxygen Demand	1207022	Duplicate	ND	ND	mg/L		20.0

LCS

Parameter	PrepSet	Reading	Known	Units	Recover%	Limits	File	Out
Chemical Oxygen Demand	520704	190	200	mg/L	95.0	85.0 - 115	113430378	

Mat. Spike

Parameter	Sample	Spike	Unknown	Known	Units	Recovery %	Limits %	File
Chemical Oxygen Demand	1207021	210	ND	200	mg/L	105	80.0 - 120	113430382
Chemical Oxygen Demand	1207022	200	ND	200	mg/L	100	80.0 - 120	113430385

520841

W Liquid Aqueous

SM2540D, 20th Ed.

Blank

Parameter	PrepSet	Reading	MDL	SQL	Units	File
Total Suspended Solids	520841	ND	2.00	2.00	mg/L	113433127
Total Suspended Solids	520841	ND	2.00	2.00	mg/L	113433161

Duplicate

Parameter	Sample	Type	Result	Unknown	Unit	RPD	Limit%
Total Suspended Solids	1207041	Duplicate	2.50	5.00	mg/L	0	20.0





Quality Control

520841 W Liquid Aqueous

SM2540D, 20th Ed.

Duplicate

Parameter	Sample	Type	Result	Unknown	Unit	RPD	Limit%
Total Suspended Solids	1207156	Duplicate	2.00	3.50	mg/L	0	20.0
Total Suspended Solids	1207221	Duplicate	78.0	74.0	mg/L	5.26	20.0

LCS

Parameter	PrepSet	Reading	Known	Units	Recover%	Limits	File	Out
Total Suspended Solids	520841	45.0	50.0	mg/L	90.0	90.0 - 110	113433160	

Standard

Parameter	Sample	Reading	Known	Units	Recover%	Limits%	Out	File
Total Suspended Solids		90.0	100	mg/L	90.0	90.0 - 110		113433128

521103 W Liquid Aqueous

EPA 1664B (HEM)

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Oil and Grease (HEM)	521103	ND	0.804	4.00	mg/L	113438234

ControlBlk

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Oil and Grease (HEM)	521103	0.0005			grams	113438233
Oil and Grease (HEM)	521103	0.0000			grams	113438258

LCS

Parameter	PrepSet	Reading	Known	Units	Recover%	Limits	File	Out
Oil and Grease (HEM)	521103	31.3	40.0	mg/L	78.2	78.0 - 114	113438235	

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Oil and Grease (HEM)	521103	31.3	34.1	40.0	78.0 - 114	78.2	85.2	mg/L	8.56	20.0

MS

Parameter	Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
Oil and Grease (HEM)	1207120	34.2	0	ND	40.0	78.0 - 114	85.5		mg/L		20.0

RPD is Relative Percent Difference $\frac{\text{abs}(r1-r2)}{\text{mean}(r1,r2)} * 100\%$

Recover% is Recovery Percent $\frac{\text{result}}{\text{known}} * 100\%$





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 Kilgore, TX 75662
 903.984.0551
 (fx) 903.984.5914

e-mail: corp@ana-lab.com

Chain of Custody

Panhandle Oklahoma North-TX Central-TX
 806.355.3556 405.292.6630 817.261.6404 512.821.0045
 Rio Grand Valley Louisiana Gulf Coast Northeast
 956.831.6437 318.219.9300 281.333.9414 410.721.6506

Report to: Charles Allen				Project- name/location: NPDES 001				Analysis Requested			
Company name: COOPER TIRE & RUBBER				Billing Address (if different)				<div style="display: flex; justify-content: space-around; font-weight: bold;"> TSSBODDOZinc </div>			
Address: 3500 WASHINGTON ROAD				City State Zip							
City: TEXARKANA		State: AR		City: _____		State: _____					
Zip: 71854		Phone: 870-779-4260		Phone: _____		Fax: 870-779-4271					
Fax: _____		Printer Name: Charles Allen		Affiliation: CTR1		PO Number: _____					
Lab Number Do Not Use	Field Identification	Date	Time	Matrix	# of Containers	Notes					
1207114	Stormwater Outfall 001	5/3/13	0328	W	3			X	X	X	X
Date	Time	Relinquished by:				Received by:		<input type="checkbox"/> Wastewater <input type="checkbox"/> Drinking Water <input type="checkbox"/> SW846 <input type="checkbox"/> Samples contain <input type="checkbox"/> HF <input type="checkbox"/> CN <input type="checkbox"/> S= <input type="checkbox"/> other##			
5/3/13	0805	Printed Name Charles Allen	Signature <i>Charles D. Allen</i>	Affiliation CTR	Printed Name UPS		Signature <i>Antonio James</i> Affiliation Ana-Lab / Antonio James				
5/4/13	1050	UPS				Antonio James		Ana-Lab / Antonio James			

Samples Received on Ice? Yes No
 Cooler/Sample Secure? Yes No
 Method of Shipment Bus FedEx Lone Star UPS Hand delivered Airborne Other #comments
 Tracking or Shipping Number **UPS # 1Z 7186 06 4459 14 1782**
 Requested TAT Routine 3 day 2 Day 24 Hr 2-8 Hour
 Samples contain HF CN **005057** CF **0.339**
005112 CF _____
003058 CF _____
 (20)

5/3/13
0805
5/4/13
1050



COOPERTIRES

Approved

Texarkana Document

Title:	Sample & Calibration Log	Document #:	TEX-1402
Process Owner:	Allen, Charles D.	Revision:	4
Review Date:	May 16, 2013	Effective Date:	May 16, 2012
OFFICE USE ONLY - PLEASE DO NOT MODIFY SHADED AREA			

Sample Log

NPDES Outfall 001 POTW Outfall _____ Other: _____
 Date 5/9/13

pH Meter Calibration

pH Buffers 4.01 7.00 10.01 Temp 25°C
 Initial Reading 4.58 7.08 10.31
 Final Reading 4.01 7.00 10.01 21.9 °C
 QC _____ S.U. Reading _____ S.U.
 Date 5/9/13 Time 1610 By C. Allen

DO Meter Calibration

% Saturation 100% 0.00%
 Initial Reading 110.7 6.0
 Final Reading 100.0 0.0
 QC _____ mg/l Reading _____ mg/l
 Date 5/9/13 Time 1605 By C. Allen

Sample Collection

Autosampler X Manual _____ Start Time 1910 Stop Time 2340
 Autosampler Maintenance / Comments _____
 Rainfall 0.21 inches Gauge _____ Estimate X Source NWS
 Total Flow _____ MGD Meter _____ Estimate _____ Source _____
 pH/DO Collected Time 1920 Date 5/9/13 By C. Allen
 pH/DO Analyzed Time 1920 Date 5/9/13 By C. Allen
 Instantaneous Flow 18290 gpm
 pH Measured 6.39 S.U. DO Measured 6.65 mg/l Temp Measured 20.7 °C
 pH / DO Meter Maintenance / Comments _____

Analysis Requested:

COD _____ TSS X BOD _____ O&G (HEM) _____ TPH (SGT) _____ Zinc _____
 Molybdenum _____ Lead _____ Mercury _____ Biomonitoring: _____
 Other: _____

Sample Characteristics / Comments



Results

Client: CTRI

Project: 611938

NPDES 001

Account
CTR1-L

Project
611938

Report To

Charles Allen
Cooper Tire
Environmental Mgr.
3500 E. Washington Rd
Texarkana, AR 71854-

Results

Parameter	Results	Units	RL	Flags	CAS	Bottle
1209649 Stormwater Outfall 001						Received: 05/15/2013
Liquid Aqueous	Collected by: Client		Affiliation: Cooper Tire			05/09/2013 19:10:00
	Prepared: 521657		05/15/2013		11:13:29	
SM 2540 D, 20th Ed.			Analyzed: RAH 05/16/2013		07:13:00 QCgroup	521657
N Total Suspended Solids	35.0	mg/L	4.00			01

The above methods that we used are approved for NPDES reporting as listed in 40 CFR 136 Table 1B or Ana-Lab has specific approval from EPA to use these methods for NPDES reporting.

Sample Preparation for Sample 1209649

1209649 Stormwater Outfall 001						Received: 05/15/2013
	Prepared:		05/15/2013		00:00:00	
			Analyzed: KAT 05/15/2013		00:00:00 QCgroup	
z Bottle pH	7	SU				01
Bottle Temperature on Receipt	<1	degrees				01
	Prepared: 521450		05/15/2013		11:13:29	
SM 2540 D, 20th Ed.			Analyzed: RAH 05/15/2013		11:13:29 QCgroup	521450
N TSS Set Started	Started					

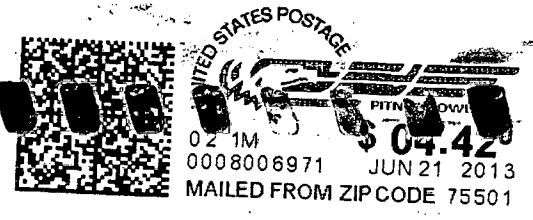




COOPER TIRE & RUBBER COMPANY
3500 Washington Road • Texarkana, AR 71854



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MAILED FROM ZIP CODE 75501

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ADEQ
Water Division Enforcement Branch
5301 Northshore Drive
North Little Rock, AR 72118-5317

