

From: Torrence, Rufus
Sent: Thursday, January 10, 2013 8:24 AM
To: 'Adam Saulsbury'
Cc: Myra Taylor; Susan Merideth (smerideth@jonesborocwl.org)
Subject: AR0043401 AFIN 16-00936 City of Jonesboro 2011 Annual Pretreatment Report



January 7, 2013

Mr. Adam Saulsbury, Pretreatment Coor
City Water and Light
P O Box 1289
Jonesboro, Arkansas 72403-1289

Re: City of Jonesboro 2011 Annual Pretreatment Report
(AR0043401, AFIN 16-00936 & AR0037907, AFIN 16-00152)

Dear Mr. Saulsbury:

The Department has reviewed the City's 2011 Annual Pretreatment Report and the report is complete.

The Department appreciates the City's continued efforts in reporting.

If you have any questions or concerns, please contact the Department at (501) 682-0626 or by email at torrence@adeq.state.ar.us .

Sincerely,

A handwritten signature in blue ink that reads "Rufus Torrence". The signature is written in a cursive, flowing style.

Rufus Torrence, Pretreatment Engineer
Water Division



Owned by the Citizens of Jonesboro

December 17, 2012

Mr. Rufus Torrence, Engineer / Water Division
Arkansas Department of Environmental Quality
5301 North Shore Drive
North Little Rock, AR 72118-5317

RETURN RECEIPT

CERTIFIED MAIL

Re: 2011-2012 Annual Pretreatment Status Report

Dear Mr. Torrence,

Enclosed is our 2011-2012 Annual Pretreatment Status report for NPDES permit AR0043401 (AFIN 16-00936) & AR0037907 (AFIN 16-00152). This should satisfy the requirements stated in our NPDES Permit.

If more information is required, please contact my office at 870.930.3392.

Sincerely,

A handwritten signature in blue ink that reads "Adam Saulsbury".

Adam Saulsbury
CWL Pretreatment & Laboratory Coordinator

Monitoring Results For The Annual Pretreatment Report
Reporting Year: October 1, 2011 To September 30, 2012
Treatment Plant: City Water & Light Westside NPDES Permit # AR0037907 (AFIN 16-00152)
Average Flow : 1.5167 MGD % IU Flow 19.422 %

Metals, Cyanide and Phenols (Total)	MAHC (ug/L)	Influent Dates Sampled (ug/L) Once/Quarter				WQ Level/ Limit (ug/L)	Effluent Dates Sampled (ug/L) Once/Quarter				Laboratory Analysis			
		Date	Date	Date	Date		Date	Date	Date	Date	EPA MQL (ug/L)	EPA Method used	Detection Level Achieved MQL (ug/L)	
		11/9/11	1/17/12	4/24/12	8/7/12		11/10/11	1/18/12	4/25/12	8/8/12				
Antimony	N/A	0	0	0	0	N/A	0	0	0	0	60.0	200.8	200.8	60.0
Cadmium	13.0	0	0	0	0	3.99	0	0	0	0	0.5	200.8	200.8	0.5
Copper	114.0	48.1	25.0	33.7	46.8	29.475	8.47	11.5	12.6	10.5	0.5	200.8	200.8	0.5
Lead	65.0	18.2	4.48	3.66	7.04	11.7	0.749	0.882	0.801	0.689	0.5	200.8	200.8	0.5
Mercury	0.089	0.0137	0.0281	0.0613	0.294	0.013	0.00491	0.00633	0.00836	0.00778	0.005	1631E	200.8	0.005
Nickel	250.0	11.3	3.68	7.64	4.53	322.655	3.92	2.64	3.05	2.54	0.5	200.8	200.8	0.5
Selenium	12.0	0	0	0	0	5.58	0	0	0	0	5.0	200.8	200.8	5.0
Silver	36.0	0	0	0	0	6.905	0	0	0	0	0.5	200.8	200.8	0.5
Zinc	323.0	169	77.5	101	114	281.872	36.6	36.9	29.6	0	20.0	200.8	200.8	20.0
Chromium	1000.0	0	0	0	0	816.848	0	0	0	0	10.0	200.8	200.8	10.0
Cyanide	14.0	0	0	0	0	5.803	0	0	0	0	10.0	4500CNE	200.8	10.0
Arsenic	39.0	6.61	3.12	4.27	3.32	N/A	4.50	2.76	3.32	2.37	0.5	200.8	200.8	0.5
Molybdenum	83.0	3.92	2.81	7.37	14.4	N/A	3.44	2.37	6.28	12.1	-----	200.8	200.8	1.0
Phenols	4000.0	5.0	94.0	0	0	N/A	0	0	0	0	5.0	420.1	200.8	5.0
Beryllium	N/A	0	0	0	0	N/A	0	0	0	0	0.5	200.8	200.8	0.5
Thallium	N/A	0	0	0	0	N/A	0	0	0	0	0.5	200.8	200.8	0.5
Flow, MGD	N/A	1.5062	1.3016	1.1652	1.2671	N/A	1.2655	1.3401	1.2233	1.2724	-----	625	625	-----
Bis(2-ethylhexyl)phthalate	N/A		22.0			N/A								
Heptachlor	N/A					N/A		0.0103						608
Mercury Sample Dates		12/27/11	03/06/12	05/30/12	09/19/12		12/28/11	03/07/12	05/31/12	09/20/12				

Monitoring Results For The Annual Pretreatment Report
 Reporting Year: October 1, 2011 To September 30, 2012
 Treatment Plant: City Water & Light Eastside NPDES Permit # AR0043401 (AFIN 16-00936)
 Average Flow : 6.9583 MGD % IU Flow 23.04 %

Metals, Cyanide and Phenols (Total)	MAHC (ug/L)	Influent Dates Sampled (ug/L) Once/Quarter				WQ Level/ (ug/L)	Effluent Dates Sampled (ug/L) Once/Quarter				Laboratory Analysis		
		Date	Date	Date	Date		Date	Date	Date	Date	EPA MQL (ug/L)	EPA Method used	Detection Level Achieved MQL (ug/L)
		11/8/11	1/16/12	6/5/12	7/23/12		11/10/11	1/18/12	6/7/12	7/25/12			
Antimony	N/A	0	0	0	0	N/A	0	0	0	0	60.0	200.8	60.0
Cadmium	12.0	0	0	0	0	3.99	0	0	0	0	0.5	200.8	0.5
Copper	88.0	39.6	41.8	44.6	52.4	29.475	3.60	4.27	5.23	7.25	0.5	200.8	0.5
Lead	30.0	5.02	1.96	1.85	1.78	11.7	0	0.501	0	0	0.5	200.8	0.5
Mercury	0.089	0.0402	0.0678	0.160	0.143	0.013	0	0	0	0	0.005	1631E	0.005
Nickel	140.0	6.28	4.32	4.28	4.25	322.655	1.78	1.60	2.24	2.66	0.5	200.8	0.5
Selenium	12.0	0	0	0	0	5.58	0	0	0	0	5.0	200.8	5.0
Silver	66.0	2.16	2.62	1.74	2.03	6.905	0	0	0	0	0.5	200.8	0.5
Zinc	407.0	136	115	114	127	281.872	42.0	47.7	59.4	72.6	20.0	200.8	20.0
Chromium	250.0	0	0	0	0	816.848	0	0	0	0	10.0	200.8	10.0
Cyanide	19.0	0	0	0	0	5.803	0	0	0	0	10.0	4500CNE	10.0
Arsenic	23.0	3.38	1.46	1.34	0.969	N/A	0	0	0.668	0	0.5	200.8	0.5
Molybdenum	77.0	5.81	9.15	11.6	32.1	N/A	6.18	5.18	11.5	24.4	-----	200.8	1.0
Phenols	4000.0	10.0	13.8	14.0	0	N/A	0	0	0	0	5.0	420.1	5.0
Beryllium	N/A	0	0	0	0	N/A	0	0	0	0	0.5	200.8	0.5
Thallium	N/A	0	0	0	0	N/A	0	0	0	0	0.5	200.8	0.5
Flow, MGD	N/A	10.3856	7.1126	5.8774	6.6624	N/A	6.3680	6.3945	5.8793	6.4927	-----	-----	-----
delta - BHC	N/A	0.0737										608	
Mercury Sample Dates		12/14/11	02/28/12	05/29/12	09/11/12		12/16/11	03/01/12	05/31/12	09/13/12			

Attachment A

Pretreatment Program Status Report Updated Significant Industrial Users List

Industrial User	Permit Number	SIC Code	Categorical Determination	Control Document		New User	Times Inspected	Times Sampled	Compliance Status Reports				Permit Limits	
				Y/N	Action				BMR	90-Day Compliance	Semi-Annual	Self-Monitoring		
Colson Casters Corp	8402	3429	Metal Finishing	Y	10/1/2009	No	1	12	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	C
Apex Tool Group (Delta Cons. Ind.) ²	8409	3469	Metal Finishing	Y	7/1/2007	No	1	12	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	C
Hytrol Conveyor ²	8413	3535	Metal Finishing	Y	7/1/2007	No	1	12	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	C
Farr Company	8702	3499	Metal Finishing	Y	11/1/2007	No	1	12	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	C
Thomas & Betts	9502	3644	Metal Finishing	Y	6/1/2010	No	1	12	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	C
Trinity Lighting ³	9801	3646	Metal Finishing	Y	6/1/2008	No	1	1	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	C
JK Products & Serv.	10001	3648	Metal Finishing	Y	7/1/2010	No	1	10	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	C
RiceLand Foods ⁴	8408	2044	Food Products	Y	10/1/2011	No	1	115	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	C
QG Printing II Corp. (World Color) ⁵	8414	2752	Printing	Y	7/27/2011	No	1	11	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	C
Butterball LLC.	9101	2013	Food Products	Y	9/30/2008	No	1	108	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	NC(FOG)
Post Foods	9302	2043	Food Products	Y	2/22/2011	No	1	365	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	C
G & K Services	9701	7218	Auto & Laundries	Y	5/1/2011	No	1	12	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	C
Frito-Lay Inc.	9702	2096	Food Products	Y	12/1/2009	No	1	310	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	C
Nestle Prepared Foods	10205	2099	Food Products	Y	3/1/2011	No	1	312	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	C
Unilever (Alberto Culver)	10801	2844	Perfumes, Cosmetics, Etc.	Y	9/1/2011	No	1	195	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	C
Nice-Pak Products	10811	2844	Perfumes, Cosmetics, Etc.	Y	7/28/2011	No	1	12	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	C
SUM							16	1511						

- 1 - CWL Performs All Monitoring For This IU.
 - 2 - Apex Tool Group (Delta Cons. Ind.) and Hytrol have submitted their permit renewal applications and are discharging under their current permit while new permits are drafted.
 - 3 - Trinity Lighting only discharged one time during 2012.
 - 4 - RiceLand Foods is operating under an Interim Permit which expires 12/31/12.
 - 5 - QG Printing II Corp. (World Color) ceased operations on August 14, 2012.
- * CWL currently has 40 permitted, yet Non-Significant Carwashes.

Attachment B

Significant Violations - Enforcement Actions Taken

Industrial User	Nature of Violation		Number of Actions Taken					Penalties Collected	Compliance Schedule		Current Status	Comments
	Reports	FOG	N.O.V	A.O	Civil	Criminal	Other		Date Issued	Date Due		
Butterball LLC.	0		1	0	0	0	0	\$0.00	N/A	N/A	C	N/A

* No CWL permitted industries were in Significant Non-Compliance between 9/22/11 - 9/21/12.

Attachment C

Pretreatment Performance Summary (PPS)

Note: All questions refer to the Industrial Pretreatment Program as approved by the EPA. The permittee should not answer the questions based on changes made to the approved program without department authorization.

I. General Information

Control Authority Name: City Water and Light Plant of the City of Jonesboro

Address: 400 East Monroe Avenue, P.O. Box 1289

City: Jonesboro

State/ Zip: Arkansas/ 72403-1289

Contact Person (Position): Adam Saulsbury (Pretreatment/Laboratory Coordinator)

Contact Telephone: 870.930.3392

E-mail: asaulsbury@jonesborocwl.org

NPDES Permit Numbers: AR0037907 (Westside POTW) AFIN 16-00152
AR0043401 (Eastside POTW) AFIN 16-00936

Reporting Period
-Beginning Month and Year: October 2011
-Ending Month and Year: September 2012

Total Number of Categorical IUs: 7
Total Number of Significant Non-categorical IUs: 2

II. Significant Industrial User Compliance

	<u>Significant Industrial Users</u>	
	<u>Categorical</u>	<u>Noncategorical</u>
1) Number of SIUs Submitting BMRs/ Total Number Required	<u>NA</u>	<u>N/A</u>
2) Number of SIUs Submitting 90-Day Compliance Reports/ Number Required	<u>NA</u>	<u>N/A</u>
3) Number of SIUs Submitting Semiannual Reports/ Total Number Required	<u>00/00</u>	<u>00/00</u>
4) Number of SIUs Meeting Compliance Schedule/ Total Number Required to Meet Schedule	<u>00/00</u>	<u>00/00</u>
5) Number of SIUs in Significant Noncompliance/ Total Number of SIUs	<u>00/07</u>	<u>00/09</u>
6) Rate of Significant Noncompliance for all SIUs (categorical and noncategorical)		<u>0%</u>

Attachment C

III. Compliance Monitoring Program

	Significant Industrial Users	
	<u>Categorical</u>	<u>Noncategorical</u>
1) Number of Control Documents Issued/ Total Number Required	<u>07/07</u>	<u>09/09</u>
2) Number of Non-sampling Inspections Conducted	<u>07</u>	<u>09</u>
3) Number of Sampling Visits Conducted	<u>71</u>	<u>1440</u>
4) Number of Facilities Inspected (non-sampling)	<u>07</u>	<u>09</u>
5) Number of Facilities Sampled	<u>07</u>	<u>09</u>

III. Enforcement Actions

	Significant Industrial Users	
	<u>Categorical</u>	<u>Noncategorical</u>
1) Number of Compliance Schedules Issued/Number of Schedules Required	<u>00/00</u>	<u>00/00</u>
2) Number of Notices of Violations Issued to SIUs	<u>00</u>	<u>01</u>
3) Number of Administrative Orders Issued to SIUs	<u>00</u>	<u>00</u>
4) Number of Civil Suits Filed	<u>00</u>	<u>00</u>
5) Number of Criminal Suits Filed	<u>00</u>	<u>00</u>
6) Number of Significant Violators (attach newspaper publication)	<u>00</u>	<u>00</u>
7) Amount of Penalties Collected (total dollars/ IUs assessed)	<u>\$0.00/0</u>	<u>\$0.00/0</u>
8) Other Actions (sewer bans, etc.)	<u>00</u>	<u>00</u>

The following certification must be signed in order for this form to be considered complete:

I certify that the information contained herein is accurate to the best of my knowledge.



Authorized Representative

12/16/2012

Date

AR0037907

NPDES ID: AK004340L

APPLICABLE JAMES DOTOL VU

* Report Received/Event Date: 12/17/2012

Date 01/04/13

Report Type

- Biosolids Program Report
- CAFO Annual Report
- CSO Event Report
- Local Limits Report
- MS4 Program Report
- Pretreatment Performance Summary Report
- SSO Annual Report
- SSO Event Report
- SSO Monthly Event Report
- Storm Water Event Report

CONT

Report Information

* Pretreatment Performance Summary Start Date: 10/01/11

Significant Industrial Users (SIUs)

- SIUs: 16
- SIUs Without Control Mechanism: 0
- SIUs Not Inspected: 0
- SIUs Not Sampled: 0
- SIUs in SNC with Pretreatment Standards: 0
- SIUs in SNC with Reporting Requirements: 0
- SIUs in SNC with Pretreatment Schedule: 0
- SIUs in SNC Published in Newspaper: 0
- SIUs Schedules: 0
- Violation Notices Issued to SIUs: 1
- Administrative Orders Issued to SIUs: 0
- Civil Suits Filed Against SIUs: 0
- Criminal Suits Filed Against SIUs: 0

Categorical Industrial Users (CIUs)

- CIUs: 7
- CIUs in SNC: 0

Penalties

Dollar Amount of Penalties Collected: \$

Industrial Users (IUs) from which Penalties have been collected:

Other Information

SUO Reference:

SUO Date:

Annual Pretreatment Budget: \$

Pass-Through/Interference Indicator:

Notification of IU Schedule for Remedial Measures: No

Initial Response to Violation of IU Schedule for Remedial Measures:

Local Limits

Date of Most Recent Technical Evaluation & or Local Limits:

Date of Most Recent Adoption of Technically Based Local Limits:

Local Limit Pollutants:

ADD / REMOVE

Removal Credits

Removal Credits Application Status: Not Applicable

Date of Most Recent Removal Credits Approval:

Removal Credits:

ADD / REMOVE

Acceptance of Waste

Acceptance of Hazardous Waste: No

Acceptance of Non-Hazardous Industrial Waste: No

Acceptance of Hauled Domestic Wastes: No

Deficiencies

Deficiencies Identified During IU File Review: No

Control Mechanism Deficiencies: No

Legal Authority Deficiencies: No

Deficiencies in Data Management and Public Participation: No

Deficiencies in Interpretation and Application of Pretreatment Standards: No

Inadequacy of Sampling and Inspections: No

Adequacy of Pretreatment Resources: Yes

Annual Frequency

Annual Frequency of Influent Toxicant Sampling:

Annual Frequency of Effluent Toxicant Sampling:

Annual Frequency of Sludge Toxicant Sampling: