

Torrence, Rufus

From: Torrence, Rufus
Sent: Monday, March 22, 2010 8:29 AM
To: 'Vincent Miles'
Subject: AFIN 35-00149 AR0033316 City of Pine Bluff 2009 Annual Report

ADEQ

ARKANSAS
Department of Environmental Quality

March 24, 2010

Vincent Miles, Env Compliance Supervisor
Pine Bluff Wastewater Utility
1520 South Ohio Street
Pine Bluff, Arkansas 71601

Re: City of Pine Bluff 2009 Annual Report
(Permit No. AR0033316, AFIN 35-00149)

Dear Mr. Miles:

The Department has reviewed the City's 2009 Annual Pretreatment Report and the report is complete. However, the Department has some recommendations to improve the City's program reporting.

1. Please show the WQ Level/Limit for each pollutant in the column with this heading. The City may use the attached chart for future reporting.
2. Please list the Mercury concentration in parts per billion (ug/l) instead of parts for trillion (ng/l).
3. Please use the MM/DD/YYYY format for the dates in the chart. The exact date is required.

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,



Rufus Torrence, Pretreatment Engineer
Water Division

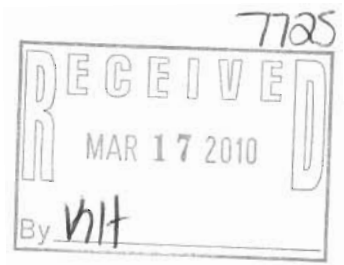
Inf Eff. logged
ICIS
SIU's ✓
ANRT10
RM

RT

PINE BLUFF WASTEWATER UTILITY

1520 S. OHIO ST. • PINE BLUFF, ARKANSAS 71601-6055 • PHONE: (870) 535-6603 • FAX (870) 535-6243

March 17, 2010



Mr. Rufus Torrence
Pretreatment Coordinator
ADEQ
5301 Northshore Drive
North Little Rock, AR 72118-5317

RE: 2009 Annual Report: AR0033316 (Boyd Point Facility)

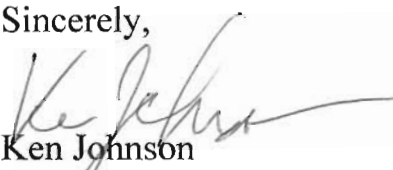
Dear Mr. Torrence:

Please see attached a copy of our annual pretreatment report in compliance with our NPDES permit. As a report requirement, I have listed the following:

1. Attachment A, B, C, & D
2. List of SIU's
3. Influent/Effluent Chart

We have no SIU's that are in SNC; therefore a newspaper notification has been attached. All SIU's are now issued a permit for a five (5) year period. If you should need additional information, please give us a call at (870) 535-6603.

Sincerely,



Ken Johnson
Manager

Cc: Vincent Miles, Environmental Compliance Supervisor

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: MARCH, 2009 TO MARCH, 2010
TREATMENT PLANT: City of PINE BLUFF NPDES PERMIT #AR0033316
AVERAGE POTW FLOW: 13.25 MGD % IU FLOW: 26%

METALS, CYANIDE and PHENOLS	MAHC (Total) (µg/l) (2)	INFLUENT DATES SAMPLED-A (µg/l) Once/quarter				WQ level/ limit (µg/l) (2)	INFLUENT DATES SAMPLED-C (µg/l) Once/quarter				LABORATORY ANALYSIS				
		Date	Date	Date	Date		Date	Date	Date	Date	EPA MQL (µg/l) (1)	EPA Method Used (1)	Detection Level Achieved (µg/l)		
		3/2009	6/2009	8/2009	10/2009		3/2009	6/2009	8/2009	10/2009					
Antimony	N/A	3.67	0	0	0	0	0	0	0	0	0	60	200.8	60	
Cadmium	165	0	0	0	0	0	0	0	0	0	0	0.5	200.8	0.5	
Copper	821	152.67	250	740	2600	250	63	86	250	63	86	0.5	200.8	0.5	
Lead	513	0	3.5	3.9	12	0	19	13	0	7.2	13	0.5	200.8	0.5	
Mercury	0.35	0.006	0.003	0.004	0.006	0	0	0.015	0	0.014	0.015	0.005	245.7	1.8ng/l	
Nickel	1,000	0	8.5	5.4	5.2	0	24	11	0	11	9.1	0.5	200.8	0.5	
Selenium	115.6	0	0	0	0	0	0	0	0	0	0	5	200.8	5	
Silver	190	0	0.99	0.84	0.51	0	0.81	0	0	0	0	0.5	200.8	0.5	
Zinc	527	240.33	530	310	210	172.33	360	220	100	100	100	20	200.8	20	
Chromium	1,000	0	0	0	11	0	0	0	0	10	0	10	200.8	10	
Cyanide	100	0	0	0	0	0	0.011	0	0	0	0	10	SM 4500- CN,C,E	0.01	
Arsenic	100	0	1.0	0	0	0	1.4	0	0	0	0	0.5	200.8	0.5	
Molybdenum	200	0	0	0	0	0	0	0	0	0	0	--	200.7		
Phenols	N/A	10	0.066	0.032	0	40	0.072	0.21	0.038	0.038	0.038	5	EPA 420.1	0.005	
Beryllium	100	0	0	0	0	0	0	0	0	0	0	0.5	200.8	0.5	
Thallium	N/A	0	0	0	0	2.0	0	0	0	0	0	0.5	200.8	0.5	
Flow, MGD	N/A														
(3)															

*AN EXPLANATION FOR THE DETECTION LEVEL ACHIEVED FOR THE FIRST QUARTER HAS BEEN ATTACHED TO THIS REPORT.

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: MARCH, 2009 TO MARCH, 2010
TREATMENT PLANT: City of PINE BLUFF NPDES PERMIT #AR0033316
AVERAGE POTW FLOW: 13.25 MGD % IU FLOW: 26 %

METALS, CYANIDE and PHENOLS	MAHC (Total) (µg/l) (2)	INFLUENT DATES SAMPLED (µg/l) Once/quarter			W/Q level/ limit (µg/l) (2)	EFFLUENT DATES SAMPLED (µg/l) Once/quarter				LABORATORY ANALYSIS						
		Date	Date	Date		Date	Date	Date	Date	EPA MQL (µg/l) (1)	EPA Method Used (1)	Detection Level Achieved (µg/l)				
Antimony	N/A				N/A	3/2009	6/2009	8/2009	10/2009	3.67	0	0	0	60	200.8	60
Cadmium	165				54.6	0	0	0	0	0	0	0	0	0.5	200.8	0.5
Copper	821				172.4	22.33	33	10	7.6					0.5	200.8	0.5
Lead	513				200.1	0	0.70	0	0					0.5	200.8	0.5
Mercury	0.35				0.14	0.045	0.0028	0.011	0.013					0.005 ±0.001	245.7	0.0018 ±0.0001
Nickel	1,000				5012.5	0	4.2	3.5	3.2					0.5	200.8	0.5
Selenium	115.6				57.8	0	0	0	0					5	200.8	5
Silver	190				47.5	0	0	0	0					0.5	200.8	0.5
Zinc	527				1365.5	0	52	0	0					20	200.8	20
Chromium	1,000				9366.5	0	0	0	0					10	200.8	10
Cyanide	100				60.7	0	0	0	0					10	SM 4500- CN,C,E	0.01
Arsenic	100				1944.6	0	0	0	0.81					0.5	200.8	0.5
Molybdenum	200				N/A	0	0	0	0					-	200.7	
Phenols	N/A				N/A	123	0	0.021	0					5	EPA 420.1	0.005
Beryllium	100				61.9	0	0	0	0					0.5	200.8	0.5
Thallium	N/A				N/A	0	0	0	0					0.5	200.8	0.5
Flow, MGD	N/A				N/A											
(3)																

Posted 26 first day of month

(1) It is advised that the influent and effluent samples are collected considering flow detention time through each plant. **Analytical MQLs must be met for the effluent (and SHOULD be met for the influent) so the data can also be used for Local Limits assessment and NPDES application purposes.**

(2) This value was calculated during the development of TBLL based on State WQ criteria, EPA guidance and either ADEQ Pretreatment staff Excel spreadsheets or the Permittee's consultant with concurrence from Pretreatment staff.

(3) Record the name of any pollutant [40 CFR 122, Appendix D, Table II and/or Table V] detected and the concentration at which they were detected.

MAHL - Maximum Allowable Headworks Level / MAHC – Maximum Allowable Headworks Concentration

WQ - "Water Quality Levels not to exceed" OR actual permit limit.

ATTACHMENT B
SIGNIFICANT VIOLATIONS - ENFORCEMENT ACTIONS TAKEN

Industrial User Name	Nature of Violation		Number of Action Taken				Penalties Collected	Compliance Schedule		Current Status	Comments
	Reports	Limits	N.O.V.	A.O.	Civil	Criminal		Other	Date Issued		
ARMARK				0	0	0	0			COMPLIANT	
CENTRAL MOLONEY				0	0	0	0			COMPLIANT	
JEFFERSON REGIONAL MEDICAL CENTER			2	0	0	0	0			COMPLIANT	1- COPPER 1- ZINC
PLANTER'S COTTON	SAMPLING	ORGANIC	1	0	0	0	0			COMPLIANT	1-HEXANE
UNION PACIFIC				0	0	0	0			COMPLIANT	
STANT	SAMPLING	METAL	8	0	0	0	0			COMPLIANT	8-ZINC
WHEELING MACHINE	SAMPLING	METAL		0	0	0	0			COMPLIANT	
ARCELOR				0	0	0	0			COMPLIANT	
WASTE MANAGEMENT-GPR				0	0	0	0			COMPLIANT	

*SEMI-ANNUAL REPORTS ARE NO LONGER REQUIRED DUE TO CONTROL AUTHORITY PERFORM ALL OF THE SAMPLING OF INDUSTRIAL USERS.

ATTACHMENT C

PRETREATMENT PERFORMANCE SUMMARY (PPS)

NOTE: ALL QUESTIONS REFER TO THE INDUSTRIAL PRETREATMENT PROGRAM AS APPROVED BY ADEQ. THE PERMITTEE SHOULD NOT ANSWER THE QUESTIONS BASED ON CHANGES MADE TO THE APPROVED PROGRAM WITHOUT DEPARTMENT AUTHORIZATION.

I. General Information

Control Authority Name PINE BLUFF WASTEWATER UTILITY

Address 1520 SOUTH OHIO ST.

City PINE BLUFF State/Zip ARKANSAS 71601

Contact Person KENNETH JOHNSON Position MANAGER

Contact Telephone 870-535-6603 NPDES Permit Nos. AR0033316

Reporting Period 03/2009 03/2010

(Beginning Month and Year) (Ending Month and Year)

Total Number of Categorical IUs 4

Total Number of Significant Noncategorical IUs 5

Total Number of Non-Significant (yet permitted) IUs _____

II. Significant Industrial User Compliance

	<u>SIGNIFICANT INDUSTRIAL USERS</u>	
	<u>Categorical</u>	<u>NonCategorical</u>
1) No. of SIUs Submitting BMRs/Total No. Required.	<u>0/0</u>	<u>N/A*</u>
2) No. of SIUs Submitting 90-Day Compliance Reports/No. Required.	<u>0/0</u>	<u>N/A*</u>
3) No. of SIUs Submitting Semiannual Reports/ Total No. Required.	<u>0/0</u>	<u>0/0</u>
4) No. of SIUs Meeting Compliance Schedule/ Total No. Required to Meet Schedule	<u>0/0</u>	<u>0/0</u>
5) No. of SIUs in Significant Noncompliance/ Total No. of SIUs	<u>0/4</u>	<u>0/5</u>
6) Rate of Significant Noncompliance for all SIUs (categorical and noncategorical)		<u>/</u>

III. Compliance Monitoring Program

	<u>SIGNIFICANT CATEGORICAL</u>	<u>INDUSTRIAL USERS NonCategorical</u>
1) No. of Control Documents Issued/Total No. Required.	<u>4/4</u>	<u>5/5</u>
2) No. of Nonsampling Inspections Conducted.	<u>4/4</u>	<u>5/5</u>
3) No. of Sampling Visits Conducted.	<u>143/143</u>	<u>272/272</u>
4) No. of Facilities Inspected (nonsampling)	<u>4/4</u>	<u>5/5</u>
5) No. of Facilities Sampled	<u>4/4</u>	<u>5/5</u>

IV. Enforcement Actions

	<u>SIGNIFICANT CATEGORICAL</u>	<u>INDUSTRIAL USERS NonCategorical</u>
1) No. of Compliance Schedules Issued/No. of Schedules Required	<u>0/0</u>	<u>0/0</u>
2) No. of Notices of Violations Issued to SIUs	<u>8</u>	<u>3</u>
3) No. of Administrative Orders Issued to SIUs	<u>0</u>	<u>0</u>
4) No. of Civil Suits Filed.	<u>0</u>	<u>0</u>
5) No. of Criminal Suits Filed	<u>0</u>	<u>0</u>
6) No. of Significant Violators (attach newspaper publication).	<u>0</u>	<u>0</u>
7) Amount of Penalties (not surcharges) Collected (total dollars/IUs assessed)	<u>0/0</u>	<u>0/0</u>
8) Other Actions (sewer bans, etc.).	<u>0</u>	<u>0</u>

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

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



 Authorized Representative Date 3/15/2010

(ATTACHMENT D)

Please be advised that the results reported in the first quarter alone do not meet the EPA MQL. We decided last reporting period to use a contract lab that can meet the EPA MQL and report those results on our Annual Pretreatment Report. The decision to use a contract laboratory was made after the first quarter of 2009.

However, we do not feel that we would exceed our Water Quality Levels even though our detection limit is not as sensitive as the EPA MQL requirement.

We are presently on track with having a contract laboratory analyze our samples that has met the EPA MQL requirement.

We appreciate you working with us as we continue to work toward strive toward meeting the requirements of the Annual Pretreatment Report.

Sincerely,



Vincent Miles
Environmental Compliance Supervisor

Cc: Ken Johnson, Manager

SIGNIFICANT INDUSTRIES

INDUSTRY	MFG. OPERATION	CONTACT PERSON	PERMIT EXP. DATE
Aramark Uniform Services – MC 592 5508 Jefferson Parkway Pine Bluff, AR 71602 joey.wilson@uniform.aramark.com	Industrial Laundry	Joey Wilson General Mgr. 247-5435 FAX: 247-1087	8/15/2013 #35
Central Moloney, Inc. - B P.O. Box 6608 Pine Bluff, AR 71611 pskuban@centralmoloneyinc.com	Power Transformers	Paul Skuban Envir. & Safety Mgr. 534-5332 FAX: 536-4002	2/18/2013 #26
Jefferson Reg. Medical Center 1515 W. 42 nd Pine Bluff, AR 71603 trussellw@jrnc.org	Hospital	Wesley Trussel Dir. Plant Operations 541-7754 FAX: 541-7728	12/24/2013 #39
Planters Cotton Oil 2901 Planters Dr. Pine Bluff, AR 71601 bflenon@plantersoil.com	Cotton Seed Processor	Brian Flenon Compliance Officer 536-0979 FAX: 535-1513	1/20/2014 #12
Stant, Inc. 5300 Jefferson Parkway Pine Bluff, AR 71602 sorszula@stdthom.com	Electroplating Metal-Finishing	Stanley Orsazulak Env. Engineer 247-6229 FAX: 247-2596	9/01/2013 #43
Arcelor 100 Industrial Dr. S. Pine Bluff, AR 71602 mike.barrett@arcelor-pb.com	Steel Wire Belts	Mike Barrett Evironmental Mgr. 247-2444 ext. 794 FAX: 247-1622	6/18/2014 #17
Tyson (@Ind. Park) 5505 N. Jefferson Pkwy. Pine Bluff, AR 71602 tommy.tooke@tyson.com	Cooked Poultry	Tommy Tooke Env. Manager 247-9127 FAX: 247-6066	8/1/2013 #5

INDUSTRY	MFG. OPERATION	CONTACT PERSON	PERMIT EXP. DATE
Wheeling Machine 5411 Industrial Dr. S. Pine Bluff, AR 71602 nrwallace@uss.com	Electroplating Metal-Finishing	Nick Wallace 247-7175 FAX: 247-5421	8/28/2013 #53
Union Pacific RR 3511 Papermill Road Pine Bluff, AR 71601 jwstewart@up.com or 1001 W. 4 th Street North Little Rock, AR 72114 Attn: John Stewart	Diesel Oil	John Stewart District Manager 541-1794 FAX: 402-501-3138 501-373-2304 Fax: 501-373-2835	9/26/2013 #30

SPECIAL PURPOSE USERS:

Waste Management Gravel Pit Rd. 6000 Gravel Pit Rd. Pine Bluff, AR 71602 (Billing) 2859 Paces Ferry Rd. Suite 1600 (Billing Address) Atlanta, GA 30339	Landfill Leachate	Hugh Cockrell 247-0068 FAX:247-5057	6/18/2012 WM-SRL#7-01
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PPS Program Report

* NPDES ID: AR 0033316 Permittee's Name Pine Bluff

* Report Received/Event Date: 2010 03 17 Date 2010 03 19

Report Type

Select a Program Report to add

- 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

Report Information

* Pretreatment Performance Summary Start Date: 2009 03 01

Significant Industrial Users (SIUs)

- SIUs: 9
- 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: 11
- Administrative Orders Issued to SIUs: 0
- Civil Suits Filed Against SIUs: 0
- Criminal Suits Filed Against SIUs: 0

Categorical Industrial Users (CIUs)

- CIUs: 4
- CIUs in SNC: 0

Penalties

Dollar Amount of Penalties Collected: \$ 0

Industrial Users (IUs) from which Penalties have been collected: 0

Other Information

SUO Reference: _____

SUO Date: _____

Annual Pretreatment Budget: \$ _____

Pass-Through/Interference Indicator: No

Violation of IU Schedule for Remedial Measures: No

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: _____