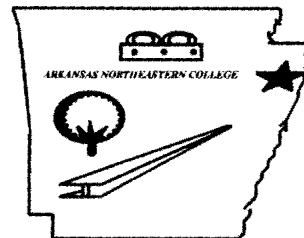


AVD94

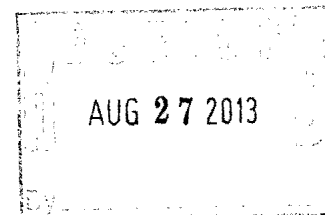


Blytheville Wastewater Dept.

**P.O. Box 1784
Blytheville, AR 72316-1784**

**Phone: (870) 763-4961
Fax: (870) 763-8541**

August 22, 2013



MAYOR:
James Sanders

CITY COUNCIL:
John Musgraves
Stan Parks
R.L. Jones
Kevin Snow
Tommy Abbott
Missy Langston

ATTORNEY:
Mike Bearden

**PUBLIC UTILITIES
DIRECTOR:**
Marvin Crawford

SUPERINTENDENT:
Kenneth Ellis

Mr. Allen Gilliam
ADEQ State Pretreatment Coordinator
5301 Northshore Drive
North Little Rock, Arkansas 72118-5317

Re: Annual Pretreatment Performance Summary

Dear Mr. Gilliam,

Enclosed is the City of Blytheville's Annual Pretreatment Performance Summary for NPDES Permit Nos: AR0022560, AR0022578, and AR0022586 for the reporting period beginning August 1, 2012 thru July 31, 2013.

If you have any questions or need more information, please contact me at (870) 763-4961.

Sincerely,

James Yankee
Pretreatment Coordinator
Blytheville Wastewater Dept.

*Corrections made & initiated AF
High Hg @ all 3 POTWs*

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 BLYTHEVILLE WASTEWATER DEPARTMENT

Address 4834 N.C.R. 639 P.O. BOX 1784

City BLYTHEVILLE State/Zip ARKANSAS 72315

Contact Person JAMES YANKEE Position PRETREATMENT COORDINATOR

Contact Telephone (870)763-4961 NPDES Permit Nos. AR0022560, AR0022578, AR0022586

Reporting Period AUGUST 2012 JULY 2013
 (Beginning Month and Year) (Ending Month and Year)

Total Number of Categorical IUs 4

Total Number of Significant Noncategorical IUs 1

Total Number of Non-Significant (yet permitted) IUs 0

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>2 / 2</u>	<u>0 / 0</u> ^{AB}
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 / 1</u>
6) Rate of Significant Noncompliance for all SIUs (categorical and noncategorical) . .	<u>0 / 5</u>	

III. Compliance Monitoring Program

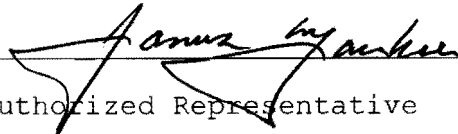
	<u>SIGNIFICANT INDUSTRIAL USERS</u>	
	<u>Categorical</u>	<u>NonCategorical</u>
1) No. of Control Documents Issued/Total No. Required.	<u>4/4</u> <i>FE</i> 8/8	<u>1/1</u> 8/8
2) No. of Nonsampling Inspections Conducted. .	<u>4 / 4</u>	<u>1/1</u>
3) No. of Sampling Visits Conducted.	<u>9</u>	<u>2</u>
4) No. of Facilities Inspected (nonsampling) .	<u>4</u>	<u>1</u>
5) No. of Facilities Sampled	<u>4</u>	<u>1</u>

IV. Enforcement Actions

	<u>SIGNIFICANT INDUSTRIAL USERS</u>	
	<u>Categorical</u>	<u>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>0</u>	<u>0</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 August 22, 2013

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: August, 2012 TO July, 2013
TREATMENT PLANT: City of Blytheville North Plant NPDES PERMIT #AR0022586
AVERAGE POTW FLOW: 0.507 MGD % IU FLOW: 15 %

METALS, CYANIDE and PHENOLS (Total) MAHC ug/l (2)		INFLUENT DATES SAMPLED (ug/l) Once/quarter				WQ level/limit ug/l (2)	EFFLUENT DATES SAMPLED (ug/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)
		8/22/12	10/17/12	12/03/12	3/23/13		8/22/12	10/17/12	12/03/12	3/23/13			
Antimony	N/A	11.6	<1	<1	4.56	N/A	<1	<1	<1	<1	60	200.8	1
Cadmium	10	0.325	0.101	<0.1	<0.1	4	<0.1	<0.1	<0.1	<0.1	0.5	200.8	0.1
Copper	160	73.2	65.3	76.8	73.4	29.5	20.8	12.5	11.5	5.83	0.5	200.8	0.5
Lead	10	1.79	1.41	1.64	1.27	11.7	<0.5	<0.5	<0.5	<0.5	0.5	200.8	0.5
Mercury	0.03	0.0454	0.0190	0.0104	9.250	0.013	0.0141	0.0015	0.0028	0.0424	.005	1631E	0.5
Nickel	560	8.01	2.93	3.66	4.00	322.7	4.83	3.18	3.55	5.25	0.5	200.8	0.5
Selenium	10	<2.0	<2.0	<2.0	<2.0	50.3	<2.0	<2.0	<2.0	<2.0	5	200.8	2
Silver	30	<0.1	<0.1	<0.1	0.141	124.4	<0.1	<0.1	<0.1	<0.1	0.5	200.8	0.1
Zinc	300	299	50.0	61.0	62.3	4771.9	43.0	29.0	30.6	58.5	20	200.8	5
Chromium	1000	2.88	2.28	2.36	1.98	20437.5	<1.0	<1.0	1.62	1.88	10	200.8	1
Cyanide	20	<0.01	<0.01	<0.01	<0.01	84.3	<0.01	<0.01	<0.01	<0.01	10	4500CNE	0.010
Arsenic	10	<0.5	0.757	<0.5	1.07	N/A	1.29	1.05	<0.5	1.65	0.5	200.8	0.5
Molybdenum	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
Phenols	N/A	<0.005	<0.005	<0.005	<0.005	N/A	<0.005	<0.005	<0.005	<0.005	5	420.1	0.005
Beryllium	N/A	<0.5	<0.5	<0.5	<0.5	N/A	<0.5	<0.5	<0.5	<0.5	0.5	200.8	0.5
Thallium	N/A	<0.5	<0.5	<0.5	<0.5	N/A	<0.5	<0.5	<0.5	<0.5	0.5	200.8	0.5
Flow, MGD	N/A	N/A	N/A	N/A	N/A	N/A	0.314	0.843	0.325	0.572	--	--	--

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: August, 2012 TO July, 2013
TREATMENT PLANT: City of Blytheville South Plant NPDES PERMIT #AR0022578
AVERAGE POTW FLOW: 0.636 MGD % IU FLOW: 0 %

METALS, CYANIDE and PHENOLS (Total) MAHC ug/l (2)		INFLUENT DATES SAMPLED (ug/l) Once/quarter				WQ level/limit ug/l (2)	EFFLUENT DATES SAMPLED (ug/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)
		8/22/12	10/17/12	3/20/13	8/14/13		8/22/12	10/17/12	3/20/13	8/14/13			
Antimony	N/A	<1.0	<1.0	<1.0	<1.0	N/A	<1.0	<1.0	<1.0	<1.0	60	200.8	1
Cadmium	10	<1.0	0.105	<1.0	0.103	4	<0.100	<0.100	<0.100	<0.100	0.5	200.8	0.1
Copper	160	41.4	36.4	32.9	34.0	29.5	8.12	7.82	5.76	5.15	0.5	200.8	0.5
Lead	10	1.37	1.71	1.58	2.33	11.7	0.862	0.892	0.658	0.743	0.5	200.8	0.5
Mercury	0.03	0.0497	0.0178	0.531	0.223	0.013	0.0366	0.0020	0.147	0.101	.005	1631E	0.5
Nickel	560	1.47	1.99	1.72	2.07	322.7	1.75	1.76	1.66	1.55	0.5	200.8	0.5
Selenium	10	<1.0	<1.0	<1.0	<1.0	50.3	<1.0	<1.0	<1.0	<1.0	5	200.8	2
Silver	30	0.192	0.163	<0.10	<0.100	124.4	<0.10	<0.10	<0.10	<0.10	0.5	200.8	0.1
Zinc	300	47.4	52.2	40.0	46.4	477.19	14.5	14.6	12.6	9.73	20	200.8	5
Chromium	1000	1.15	1.58	<1.0	<1.0	204.38	<1.0	<1.0	<1.0	<1.0	10	200.8	1
Cyanide	20	<0.010	<0.010	<0.010	<0.010	84.3	<0.010	<0.010	<0.010	<0.010	10	4500CNE	0.010
Arsenic	10	<0.50	0.535	0.506	1.57	N/A	0.514	1.34	0.601	2.22	0.5	200.8	0.5
Molybdenum	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
Phenols	N/A	<0.005	<0.005	<0.005	<0.005	N/A	<0.005	<0.005	<0.005	<0.005	5	420.1	0.005
Beryllium	N/A	<0.5	<0.5	<0.5	<0.5	N/A	<0.5	<0.5	<0.5	<0.5	0.5	200.8	0.5
Thallium	N/A	<0.5	<0.5	<0.5	<0.5	N/A	<0.5	<0.5	<0.5	<0.5	0.5	200.8	0.5
Flow, MGD	N/A	N/A	N/A	N/A	N/A	N/A	0.622	0.839	0.425	0.657	--	--	--
Chloroform	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.0	624	1
1,4 Dichlorobenzene	N/A	N/A	N/A	N/A	1.30	N/A	N/A	N/A	N/A	N/A	1.0	624	1

Butyl Benzyl phthalate	N/A	N/A	N/A	N/A	10.7	N/A	N/A	N/A	N/A	N/A	5.0	624	5
Bis(2-ethylhexyl)phthalate	N/A	N/A	N/A	N/A	10.3	N/A	N/A	N/A	N/A	8.23	10.0	625	10

- (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 (not required but, SHOULD also be met for the influent) so the data can also be used for future Local Limits re-evaluation/assessments and NPDES application purposes.**
- (2) The value MAHC (= MAHL / 8.34 X Avg. POTW flow in MGD) was calculated during the development of TBLL based on State WQ criteria, EPA guidance and ADEQ Pretreatment staff Excel spreadsheets.
- (3) Record the name of any pollutant [40 CFR 122, Appendix D, Table II and/or Table V] detected and the quantity at which they were detected.

MAHC - Maximum Allowable Headworks Concentration

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

