

## Wilson, Tabatha

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**From:** Gilliam, Allen  
**Sent:** Wednesday, August 27, 2014 1:13 PM  
**To:** blytheville james yankee; blytheville james yankee  
**Cc:** Fuller, Kim; Wilson, Tabatha; Kaelin, Cynthia; Ramsey, David; Trotta, Jacqueline  
**Subject:** AR0022560\_Blythevilles Aug 2014 annual Pretreatment report with ADEQ reply\_20140827  
**Attachments:** Blytheville's Aug 2014 annual Pretreatment Report.pdf

James,

Blytheville's August 2014 annual Pretreatment report was received, reviewed, deemed complete and compliant with the Federal Pretreatment reporting requirements in 40 CFR 403.12(i).

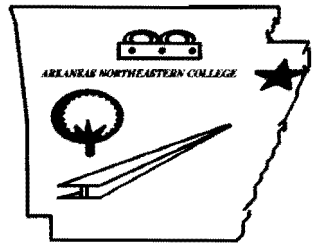
Your influent/effluent analysis for all three (3) of Blytheville's POTW's exceeded the maximum allowable headworks concentrations and the WQ levels/limits for all quarters except one (1). Please ensure you're using clean sampling techniques (double glove, double bag, "clean hands/dirty hands") and it may be advisable to request your contract lab for an equipment blank to make sure they're not causing false positives.

Thank you for your timely response.

Sincerely,

Allen Gilliam  
ADEQ State Pretreatment Coordinator  
501.682.0625

A10WSL



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

**MAYOR:**  
James Sanders

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

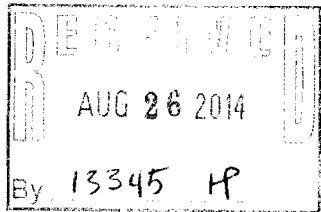
**ATTORNEY:**  
Mike Bearden

**PUBLIC UTILITIES DIRECTOR:**  
Marvin Crawford

**SUPERINTENDENT:**  
Kenneth Ellis

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

August 22, 2014



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, 2013 thru July 31, 2014.

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

Sincerely,

James Yankee  
Pretreatment Coordinator  
Blytheville Wastewater Department



**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 2013 JULY 2014  
(Beginning Month and Year) (Ending Month and Year)

Total Number of Categorical IUs 5

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

III. Compliance Monitoring Program

<u>USERS</u>	<u>SIGNIFICANT INDUSTRIAL</u>	
	<u>NonCategorical</u>	<u>Categorical</u>
1) No. of Control Documents Issued/Total No. Required. . . . .	<u>1 / 1</u>	<u>0/0</u>
2) No. of Nonsampling Inspections Conducted. .	<u>5 / 5</u>	<u>1/1</u>
3) No. of Sampling Visits Conducted. . . . .	<u>9</u>	<u>2</u>
4) No. of Facilities Inspected (nonsampling) .	<u>5</u>	<u>1</u>
5) No. of Facilities Sampled . . . . .	<u>5</u>	<u>1</u>

IV. Enforcement Actions

	<u>SIGNIFICANT INDUSTRIAL USERS</u>	
	<u>NonCategorical</u>	<u>Categorical</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>



3) Other Actions (sewer bans, etc.) . . . . . 0 0

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





**MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT**

REPORTING YEAR: August , 2013 TO July , 2014

TREATMENT PLANT: City of Blytheville North Plant NPDES PERMIT #AR0022586

AVERAGE POTW FLOW: 0.400 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)
		9/24/13	11/6/13	3/14/14	5/21/14		9/24/13	11/6/13	3/14/14	5/21/14			
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	0.104	0.159	0.176	0.136	4	<0.1	<0.1	<0.1	<0.1	0.5	200.8	0.1
Copper	160	67.2	97.3	54.4	41.8	29.5	8.81	7.23	4.32	9.25	0.5	200.8	0.5
Lead	10	2.52	3.18	1.26	1.42	11.7	<0.5	<0.5	<0.5	<0.5	0.5	200.8	0.5
Mercury	0.03	0.0476	0.352	0.0765	0.0226	0.013	0.0651	0.144	0.0307	0.118	.005	1631E	0.5
Nickel	560	2.86	3.58	98.9	242	322.7	3.45	2.82	36.5	68.9	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	0.346	0.185	0.797	<0.1	124.4	<0.1	<0.1	<0.1	<0.1	0.5	200.8	0.1
Zinc	300	44.8	103	47.6	132	477.19	32.1	24.6	24.1	24.6	20	200.8	5
Chromium	1000	2.53	4.50	1.86	5.73	204.38	<1.0	<1.0	<1.0	2.20	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	0.935	0.859	1.73	1.74	N/A	1.46	0.949	1.63	2.25	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	6.1	6.4	7.7	23.4	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	<0.10	<0.10	<0.10	<0.10	N/A	<0.10	<0.10	<0.10	<0.10	0.5	200.8	0.5
Flow, MGD	N/A	N/A	N/A	N/A	N/A	N/A	0.264	0.388	0.364	0.332	--	--	--
Bromomethane	N/A	---	---	---	2.60	N/A	-----	-----	-----	<1.0	1.0	624	1.0
Chloroform	N/A	---	---	---	1.04	N/A	-----	-----	-----	<1.0	1.0	624	1.0
1,4 Dichlorobenzene	N/A	---	---	---	1.83	N/A	-----	-----	-----	<1.0	1.0	624	1.0







Toluene	N/A	-----	-----	-----	5.14	N/A	-----	-----	-----	N/A	5.0	624	5.0

- (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.



**MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT**  
**REPORTING YEAR: August , 2013 TO July , 2014**  
**TREATMENT PLANT: City of Blytheville West Plant NPDES PERMIT #AR0022560**  
**AVERAGE POTW FLOW: 0.760 MGD % IU FLOW: 5 %**

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		
											EPA MQL (µg/l) (1)	EPA Method Used (1)	Detection Level Achieved (µg/l)
		Date	Date	Date	Date		Date	Date	Date	Date	Date		
		9/24/13	11/6/13	3/14/14	5/21/14		9/24/13	11/6/13	3/14/14	5/21/14			
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	0.102	0.123	0.153	<0.1	4	<0.1	<0.1	<0.1	<0.1	0.5	200.8	0.1
Copper	160	38.3	74.5	50.9	39.1	29.5	5.71	15.7	8.85	5.98	0.5	200.8	0.5
Lead	10	1.11	2.35	5.60	1.22	11.7	<0.5	1.42	0.897	0.753	0.5	200.8	0.5
Mercury	0.03	0.118	0.0616	0.0976	0.024	0.013	0.102	0.335	0.0125	0.447	.005	1631E	0.5
Nickel	560	1.98	2.84	4.25	2.60	322.7	1.73	2.71	2.37	1.83	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	1.72	6.25	0.642	1.97	124.4	<0.1	0.360	0.335	0.129	0.5	200.8	0.1
Zinc	300	49.7	70.2	36.5	24.7	4771.9	10.4	23.6	12.9	10.5	20	200.8	5
Chromium	1000	1.24	1.36	<1.0	1.15	20437.5	<1.0	<1.0	<1.0	<1.0	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	1.17	1.17	2.14	2.26	N/A	1.74	1.97	2.17	1.01	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	13.0	28.4	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	<0.1	<0.1	<0.1	<0.1	N/A	<0.1	<0.1	<0.1	<0.1	0.5	200.8	0.5
Flow, MGD	N/A	N/A	N/A	N/A	N/A	N/A	0.740	0.524	0.604	0.693	--	--	--
Chloromethane	N/A	---	---	---	<0.1	N/A	---	---	---	1.05	1	624	5





Bromomethane	N/A	---	---	---	<0.1	N/A	---	---	---	2.46	10	625	1
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