

Gage, Hannah

From: Gilliam, Allen
Sent: Thursday, December 17, 2015 8:47 AM
To: 'Roman Rios'
Cc: Nancy Busen; Gage, Hannah; Trotta, Jacqueline; Kaelin, Cynthia; Ramsey, David
Subject: AR0022403_Bentonvilles December 2015 annual Pretreatment Program report_20151217
Attachments: PPS-2015.pdf

Roman,

Bentonville's December 2015 annual Pretreatment Program report was electronically received, reviewed, deemed complete and compliant with the reporting requirements in 40 CFR 403.12(i). There are no further actions necessary at this time.

Thank you for your timely report.

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

E/NPDES/NPDES/Pretreatment/Reports

From: Roman Rios [<mailto:rrios@bentonvillear.com>]
Sent: Thursday, December 17, 2015 8:06 AM
To: Gilliam, Allen
Cc: Nancy Busen
Subject: Bentonville's PPS

Hello Allen,
attached is the 2015 Pretreatment Performance Summary for the City of Bentonville. Please let me know if I need to mail you either the original or a hardcopy?

Have a wonderful Christmas and a Happy New Year's!!!

Román Rios
Bentonville Wastewater Utilities
Lab/pretreatment Supervisor
479 271-3161

CITY OF BENTONVILLE WASTEWATER UTILITIES

PRETREATMENT PERFORMANCE SUMMARY (PPS)

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

I. General Information

Control Authority Name City of Bentonville, AR

Address 117 West Central

City Bentonville State/Zip AR 72712

Contact Person Roman Rios Laboratory/Pretreatment Supervisor
(Position)

Contact Telephone 479 271-3161
(Area Code)

NPDES Permit Nos. AR0022403

Reporting Period November 1, 2014 October 31, 2015
(Beginning month and year) (Ending month and year)

Total Number of Categorical IUs 0

Total Number of Significant Noncategorical IUs 1

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>0 / 0</u>
2) No. of SIUs Submitting 90-Day Compliance Reports / No. Required	<u>0 / 0</u>	<u>0 / 0</u>
3) No. of SIUs Submitting Semiannual Reports / Total No. Required	<u>0 / 0</u>	<u>1 / 1</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 / 0</u>	<u>0 / 0</u>
6) Rate of Significant Noncompliance for all SIUs (categorical and noncategorical)	<u>0 / 1</u>	

CITY OF BENTONVILLE WASTEWATER UTILITIES

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III. Compliance Monitoring Program

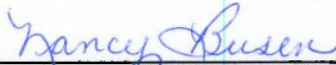
1) No. of Control Documents Issued / Total No. Required	0/0	1 / 1
2) No. of Sampling Inspections Conducted	0	1
3) No. of Sampling Visits Conducted	0	7
4) No. of Facilities Inspected (nonsampling)	0	0
5) No. of Facilities Sampled	0	1

IV. Enforcement Actions

	<u>SIGNIFICANT INDUSTRIAL USERS</u>	
	<u>Categorical</u>	<u>Noncategorical</u>
1) No. of Compliance Schedules Issued / No. of Schedules Required	0 / 0	0 / 0
2) No. of Notices of Violations Issued to SIUs	0	1
3) No. of Administrative Orders Issued to SIUs	0	0
4) No. of Civil Suits Filed	0	0
5) No. of Criminal Suits Filed	0	0
6) No. of Significant Violators (attach newspaper publication)	0	0
7) Amount of Penalties Collected (total dollars / IUs assessed)	\$ 0.00 / 0	\$ 0.00 / 0
8) 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.


12-16-15

Nancy Busen, Wastewater Utilities Manager
Date
 Authorized Representative

CITY OF BENTONVILLE WASTEWATER UTILITIES

PRETREATMENT PROGRAM STATUS REPORT
2013 UPDATED SIGNIFICANT INDUSTRIAL USERS LIST

INDUSTRIAL USER	SIC CODE	CATEGORICAL DETERMINATION	CONTROL DOCUMENT		NEW USER	TIMES INSPECTED	TIMES SAMPLED	NOV's ISSUED	COMPLIANCE STATUS				
			Y / N	LAST ACTION					REPORTS			PERMIT LIMITS	
									BMR	90-DAY COMPLIANCE	SEMI ANNUAL		SELF MONITORING
Wal-Mart TMG	4173	N / A	Y		No	1	11	1		N/A	C	C	C

Wal-Mart Fleet Maintenance: One permit violation in August. During repair of the concrete parking lot, the construction crew cut the cable delivering flow signal to the sampling point. For that reason Walmart FMG was unable to sample in August.

Collective Food Service Industry:

Bentonville's major industry has become tourism. Over 250 grease interceptors are monitored and recorded to reduce the impact of grease related sanitary sewer overflows. Our program requires grease haulers to be permitted by the pretreatment program and to submit manifest forms monthly for all businesses serviced in Bentonville. Inspections of food services with grease interceptors that do not pass the 25% rule are presented with a service required form. Failure to comply with this document, results in issuance of a *Notice of Violation* of Pretreatment Ordinance 2012-65 and the City of Bentonville Industrial pretreatment program. Currently, personnel interaction with business and property owners has resulted in cooperation; litigation has not been necessary. A substantial number of pretreatment hours are invested in the City of Bentonville Grease Abatement Program. In the 2013-14 pretreatment year over 370,800 gallons have been pumped from food services in Bentonville. At the outset of our program, some food services had never serviced their grease interceptors. Occasionally neighborhood grease issues are reported by sewer maintenance. Door hangers are used to educate city residents on proper grease disposal in affected areas. Pretreatment also creates and distributes neighborhood flyers for subdivisions that are clogging lift station pumps with "flushable" wipes. Prior to placing door hangers, extensive maintenance was required twice per week to remove wipes. Small promotional kitchen items, with related slogans to keep the message fresh in the consumers minds, accompanies the educational material. Reduction in lift station maintenance and electrical useage far surpasses the cost of the educational outreach.

**Monitoring Results for the ADEQ Annual Pretreatment Report
Bentonville Wastewater Treatment Plant
Reporting Year: November 1, 2014 to October 31, 2015
NPDES Permit # AR0022403
Average POTW Flow MGD % IU Flow**

METALS, CYANIDE, & PHENOLS (Total)	Units	Maximum Allowable Level Level (µg/l)	Influent Concentrations Dates Sampled				WQ level/ limit (µg/l)	Effluent Concentrations Dates Sampled				MQL (µg/l)	EPA Method Used	Detection Level Achieved (µg/l)
			1/12-13/15	4/6-4/7/15	7/27-7/28/15	10/6-10/7/15		1/14-15/15	4/8-4/9/15	7/29-7/30/15	10/8-10/9/15			
Antimony	(µg/l)	N/A	<60	<60	<60	<60	N/A	<60	<60	<60	<60	60	200.8	0.4
Cadmium	(µg/l)	20	<0.5	<0.5	<0.5	<0.5	7	<0.5	<0.5	<0.5	<0.5	0.5	200.8	0.4
Copper	(µg/l)	100	41	31	40	120	41.1	5.7	4.2	2.7	3.2	0.5	200.8	0.4
Lead	(µg/l)	50	4.3	1.2	1.5	1.5	18.7	<0.5	<0.5	<0.5	<0.5	0.5	200.8	0.4
Mercury	(µg/l)	0.03	0.0380	0.0190	0.0025	0.0200	0.012	0.0072	0.0013	0.0011	<.0005	0.002	1631E	2ng/l
Nickel	(µg/l)	130	6.0	4.9	5.9	6.1	422	2.9	2.4	3.8	3.9	0.5	200.8	0.4
Selenium	(µg/l)	10	<5	<5	<5	<5	5.6	<5	<5	<5	<5	5	200.8	
Silver	(µg/l)	80	2.5	0.8	3.3	1.1	20	<0.5	<0.5	<0.5	<0.5	0.5	200.8	0.4
Zinc	(µg/l)	300	130	130	210	350	373	57	140	46	57	20	200.8	20.0
Chromium	(µg/l)	450	<10	<10	<10	<10	1,255	<10	<10	<10	<10	10	200.8	0.4
Cyanide	(µg/l)	20	<10	<10	<10	<10	5.8	<10	<10	<10	<10	10	SM4500-CN C,E	10.0
Arsenic	(µg/l)	N/A	1.6	2.4	2.6	1.9	N/A	<0.5	<.5	<.5	0.58	0.5	200.8	0.4
Molybdenum	(µg/l)	20	<8	<8	<8	<8	N/A	<8	<8	<8	<8		200.8	8.0
Phenols	(µg/l)	N/A	86	78	66	100	N/A	16	10	22	8	5	420.1/9065	4.0
Beryllium	(µg/l)	N/A	<0.5	<0.5	<0.5	<0.5	N/A	<0.5	<0.5	<0.5	<0.5	0.5	200.8	0.4
Thallium	(µg/l)	N/A	<0.5	<0.5	<0.5	<0.5	N/A	<0.5	<0.5	<0.5	<0.5	0.5	200.8	0.4
Flow	MGD		3.82	3.57	3.310	3.720		3.620	3.67	3.010	3.570			

Table II Data	Influent	Date	Result	Effluent	Date	Result	Method	Reporting Limit
Di-n-butyl phthalate	Flow 4.41 MGD	4/7-4/8/15	<10 (µg/l)	Flow 3.52 MGD	4/9-4/10/15	<10 (µg/l)	EPA 625	10 (µg/l)
Butylbenzyl phthalate	Flow 4.41 MGD	4/7-4/8/15	<10 (µg/l)	Flow 3.52 MGD	4/9-4/10/15	<10 (µg/l)	EPA 625	10 (µg/l)
Bis(2-ethylhexyl) phthalate	Flow 4.41 MGD	4/7-4/8/15	*43 (µg/l)	Flow 3.52 MGD	4/9-4/10/15	51 (µg/l)	EPA 625	10 (µg/l)

- * Bis(2-ethylhexyl) Phthalates levels have been noticed to be higher when the sample is not collected in a glass carboy. In the future table II composite samples will be collected in a glass carboy.
- (1) It is advised that the influent and effluent samples are collected considering flow detention time through each plant. **Analytical MQLs should be used so that the data can also be used for Local Limits assesment and NPDES application purpose.**
- (2) Record the name of any pollutants [40 CFR 122, Appendix D, Table II and/or Table V] detected and the quantity in which they were detected.
- MAHC Maximum Allowable Headworks Concentration
- WQ Water Quality