

Peltier, Hannah

From: Gilliam, Allen
Sent: Friday, December 05, 2014 10:20 AM
To: Nancy Busen
Cc: Fuller, Kim; Peltier, Hannah; Kaelin, Cynthia; Trotta, Jacqueline; Ramsey, David
Subject: AR0022403_Bentonville 2014 annual Pretreatment Report with ADEQ reply_20141205
Attachments: Bentonville 2014 pt rpt .pdf

Nancy,

Bentonville's 2014 annual Pretreatment Report was received, reviewed, deemed complete and compliant with the Pretreatment reporting requirements in 40 CFR 403.12(i). There are no further actions deemed necessary at this time.

Thank you for your timely report remaining in compliance with the Federal Pretreatment Regulations.

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

From: Nancy Busen [<mailto:NBusen@bentonvillear.com>]
Sent: Thursday, December 04, 2014 1:25 PM
To: Gilliam, Allen
Subject: Bentonville 2014 Pretreatment Report

Allen,

The signed 2014 Pretreatment Report is attached.

Thanks for being there for all of us in 2014!

Sincerely,

*Nancy Busen, Lab/Pretreatment Supervisor
City of Bentonville, Wastewater Utilities
1901 N.E. "A" Street
Bentonville, AR 72712
Phone: 479-271-3160
Fax: 479-271-3163
Email: nbusen@bentonvillear.com*

Forget that this task of planet saving is not possible in the time required. Don't be put off by people who know what is not possible. *Do what needs to be done and check to see if it was impossible only after you are done. Paul Hawkins*

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 Nancy Busen Laboratory/Pretreatment Supervisor
(Position)

Contact Telephone (479) 271-3160
(Area Code)

NPDES Permit Nos. AR0022403

Reporting Period November 1, 2013 October 31, 2014
(Beginning month and year) (Ending month and year)

Total Number of Categorical IUs 1

Total Number of Significant Noncategorical IUs 2

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>1 / 1</u>	<u>2 / 2</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 / 3</u>	

CITY OF BENTONVILLE WASTEWATER UTILITIES

-2-

III. Compliance Monitoring Program

1) No. of Control Documents Issued / Total No. Required	0/0	2 / 2
2) No. of Sampling Inspections Conducted	0	1
3) No. of Sampling Visits Conducted	0	11
4) No. of Facilities Inspected (nonsampling)	0	2
5) No. of Facilities Sampled	0	4

IV. Enforcement Actions

	SIGNIFICANT INDUSTRIAL USERS	
	Categorical	Noncategorical
1) No. of Compliance Schedules Issued / No. of Schedules Required	0 / 0	0 / 0
2) No. of Notices of Violations Issued to SIUs	0	0
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.

David M. Roberts
12-4-2014

 David M. Roberts, 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	
3M ESPE *	2834 5122	CIU	Y		No	1	1	1		N/A	NC	NC	NC
Kraft Foods, Inc.	2022	N / A	Y	9/19/12	No	1	0*	1		N/A	C	C	C
Wal-Mart TMG	4173	N / A	Y		No	1	11	0		N/A	C	C	C

Kraft: The Kraft Bentonville plant, scheduled to shut down during the first Quarter of 2012, encountered numerous construction delays; plant closure was incremental as completion of the Springfield MO plant progressed; last production was 11-13-13. The Administrative Order from 2012, to provide containment for 24 hours of process water flow; upgrade the sampling and alarm system equipment was waived, due to the closure. An IUP was issued for the interim, calling for continuous monitoring until plant closure; due to the impact on the POTW from numerous operational errors. There were 13 Self-Monitoring events in PT YR. 2013-14. *Due to daily self-monitoring events in the 13 days of this pretreatment year and city budget cut off dates, no city monitoring was performed. Inventory disposal documentation and closure inspections were performed. The property is to be renovated for a multiple office complex.

3M ESPE: This facility closed April 30, 2014. One violation was due to a contact laboratory reporting error that took place at the end of the sampling period. holding time had expired when the error was discovered; resampling in the required sampling period was not possible.

Wal-Mart Fleet Maintenance: No permit violations or negative issues on the yearly compliance inspection.

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 300,000 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 e Reduction in maintenance and electrical usage far surpasses the cost of the educational outreach.

Monitoring Results for the ADEQ Annual Pretreatment Report
Bentonville Wastewater Treatment Plant
Reporting Year: November 1, 2013 to October 31, 2014
NPDES Permit # AR0022403
Average POTW Flow 3.48 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)
			1/13-14/14	4/15-16/14	4/14-15/14			1/15-16/14	4/17-18/14	7/16-17/14				
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	23	37	53	34	41.1	0.84	7.7	3.8	6.7	0.5	200.8	0.4
Lead	(µg/l)	50	0.71	1.6	2.3	1	18.7	<0.5	<0.5	<0.5	<0.5	0.5	200.8	0.4
Mercury	(µg/l)	0.03	0.0460	0.0180	0.0200	0.0360	0.012	0.00074	0.00029	0.0037	0.000340	0.002	1631E	2ng/l
Nickel	(µg/l)	130	7.0	5.8	6.3	5.3	422	4.0	3.7	3.6	4.3	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	1.3	1.3	2.8	1.1	20	<0.5	<0.5	<0.5	<0.5	0.5	200.8	0.4
Zinc	(µg/l)	300	89	150	200	180	373	42	79	70	75	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	0.75	1.4	1.2	1.1	N/A	<0.5	1.5	<0.5	<0.5	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	72	67	88	74	N/A	<10	12	17	17	5	420.1/9065	4.0
Beryllium	(µg/l)	N/A	<0.5	<0.5	<0.5	<0.5	N/A	<0.5	0.75	<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					3.620						

Table II Data	Influent	Date	Result	Effluent	Date	Result	Method	Reporting Limit
Di-n-butyl phthalate	Flow 3.00 MGD	6/16-17/14	15 (µg/l)	Flow 3.20 MGD	6/17-18/14	<10 (µg/l)	EPA 625	10 (µg/l)
Butylbenzyl phthalate	Flow 3.00 MGD	6/16-17/14	34 (µg/l)	Flow 3.20 MGD	6/17-18/14	<10 (µg/l)	EPA 625	10 (µg/l)
Bis(2-ethylhexyl) phthalate	Flow 2.70 MGD	6/16-17/14	34 (µg/l)	Flow 3.20 MGD	6/17-18/14	57 (µg/l)	EPA 625	10 (µg/l)
Di-n-butyl phthalate	Flow 2.70 MGD	7/14-15/14	<10 (µg/l)	Flow 2.59 MGD	7/16-17/14	<10 (µg/l)	EPA 625	10 (µg/l)
Butylbenzyl phthalate	Flow 2.70 MGD	7/14-15/14	13 (µg/l)	Flow 2.59 MGD	7/16-17/14	<10 (µg/l)	EPA 625	10 (µg/l)
Bis(2-ethylhexyl) phthalate	Flow 2.70 MGD	7/14-15/14	29 (µg/l)	Flow 2.59 MGD	7/16-17/14	<10 (µg/l)	EPA 625	10 (µg/l)

(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