

# 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, 2017 October 31, 2018  
(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>	

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### III. Compliance Monitoring Program

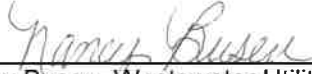
1) No. of Control Documents Issued / Total No. Required . . . . .	0/0	2 / 1
2) No. of Sampling Inspections Conducted . . . . .	0	1
3) No. of Sampling Visits Conducted . . . . .	0	1
4) No. of Facilities Inspected (nonsampling) . . . . .	0	1
5) No. of Facilities Sampled . . . . .	0	1

### 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	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.


12-18-18  
 \_\_\_\_\_  
 Nancy Busen, Wastewater Utilities Manager      Date  
 Authorized Representative



CITY OF BENTONVILLE WASTEWATER UTILITIES

PRETREATMENT PROGRAM STATUS REPORT  
2018 UPDATED SIGNIFICANT INDUSTRIAL USERS LIST

INDUSTRIAL USER	SIC CODE	CATEGORICAL DETERMINATION	CONTROL DOCUMENT		NEW USER	TIMES INSPECTED	TIMES SAMPLED	NOV's ISSUED	COMPLIANCE STATUS				PERMIT LIMITS
			Y / N	LAST ACTION					REPORTS				
									BMR	90-DAY COMPLIANCE	SEMI ANNUAL	SELF MONITORING	
Wal-Mart TMG	4173	N / A	Y		No	2	8	0		N/A	C	C	C

Wal-Mart Fleet Maintenance: None

**Collective Food Service Industry:**

Bentonville's major industry has become tourism. Over 240 Grease Control Devices (GCD) are monitored and recorded to reduce the impact of grease related sanitary 'sewer overflows. The 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 Establishments (FSE) 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. The city has also implemented a new re-inspection fee of \$100 dollar after the first inspection to a FSE. A substantial number of pretreatment hours are invested in the City of Bentonville Grease Abatement Program. In the 2018 pretreatment year over 424,485 gallons have been pumped from FSE. 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. Pretreatment along with maintenance personnel have identify a few of neighborhoods and lift stations that continue to cause some clogging problems. The Bentonville pretreatment division continues to invest money to purchase activities booklets, pens and small promotional kitchen items with related slogans to keep the message fresh in the consumers' minds as part of the outreach program. The outreach program is now maturing and began a science education program. The goal is to use science and plant tours to educate the public about grease, wipes and other non desirable materials in the sanitary sewer. Lift station maintenance and electrical usage far surpasses the cost of the educational outreach. In recent years the Bentonville pretreatment department has been involved in reviewing and approval of all new GCD. Utilizing the city's plan review process the department keeps observing for new industries that could start operating in Bentonville that might need to obtain a pretreatment permit.

**Monitoring Results for the ADEQ Annual Pretreatment Report  
Bentonville Wastewater Treatment Plant  
Reporting Year: November 1, 2017 to October 31, 2018  
NPDES Permit # AR0022403  
Average POTW Flow 2.87 MGD 0.23 % 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)
			1/29-30/18	4/9-10/18	7/9-10/18	10/8-9/18		1/31-2/1/18	4/11-12/18	7/11-12/18	10/10-11/18			
Antimony	(µg/l)	N/A	<60	<60	<60	<60	N/A	<60	<60	<60	<60	60	200.8	0.4
Cadmium	(µg/l)	20	<5	<5	<5	<5	7	<5	<5	<5	<5	0.5	200.8	0.4
Copper	(µg/l)	100	30	16	16	28	41.1	13	2.0	2.4	4.7	0.5	200.8	0.4
Lead	(µg/l)	50	0.68	1.2	1.2	1.5	18.7	<5	<5	<5	<5	0.5	200.8	0.4
Mercury	(µg/l)	0.03	0.0100	0.1100	0.0810	0.0470	0.012	0.006	0.0013	0.004	0.0013	0.002	1631E	2ng/l
Nickel	(µg/l)	130	6.7	6.2	3.9	6.4	422	3.5	2.8	3.6	2.8	0.5	200.8	0.4
Selenium	(µg/l)	10	<5	<5	<5	<5	5.6	<5	<5	<5	<5	5	200.8	0.4
Silver	(µg/l)	80	0.83	<5	<5	<5	20	<5	<5	<5	<5	0.5	200.8	0.4
Zinc	(µg/l)	300	99	240	140	180	373	47	30	31	37	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	mg/L	20	<0.1	<0.1	<0.1	<0.1	5.8	<0.1	<0.1	<0.1	<0.1	10	SM4500-CN C,E	10.0
Arsenic	(µg/l)	N/A	1.9	0.82	1.6	2.6	N/A	0.58	0.63	0.91	0.92	0.5	200.8	0.4
Molybdenum	(µg/l)	20	<10	<10	<10	<10	N/A	<10	<10	<10	<10	0.5	200.8	8.0
Phenols	mg/L	N/A	0.06	0.04	0.066	0.094	N/A	0.011	<0.005	0.018	0.024	0.5	420.1/9065	4.0
Beryllium	(µg/l)	N/A	<5	<5	<5	<5	N/A	<5	<5	<5	<5	0.5	200.8	0.4
Thallium	(µg/l)	N/A	<5	<5	<5	<5	N/A	<5	<5	<5	<5	0.5	200.8	0.4
<b>Flow</b>	<b>MGD</b>		<b>2.75</b>	<b>3.0003</b>	<b>2.408</b>	<b>2.409</b>		<b>2.671</b>	<b>3.2112</b>	<b>2.388</b>	<b>2.555</b>			

Table II Data	Influent	Date	Result	Effluent	Date	Result	Method	Reporting Limit
Di-n-butyl phthalate	Flow 2 3042MGD	6/4-5/18	<5 (µg/l)	Flow 2 3042MGD	6/4-5/18	<5 (µg/l)	EPA 625	10 (µg/l)
Butylbenzyl phthalate *	Flow 2 3042MGD	6/4-5/18	<5 (µg/l)	Flow 2 3042MGD	6/4-5/18	<5 (µg/l)	EPA 625	10 (µg/l)
Bis(2-ethylhexyl) phthalate*	Flow 2 3042MGD	6/4-5/18	<5 (µg/l)	Flow 2 3042MGD	6/4-5/18	<5 (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. Table II composite samples were collected in a glass carboy from 2016-2018, as a result of that, there is no quantifiable amounts for this years.

- (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

MAHC Table V ] detected and the quantity in which they were detected.  
WQ Maximum Allowable Headworks Concentration  
Water Quality