



CITY OF
FAYETTEVILLE
ARKANSAS

May 10, 2018

Adam Yates, Permit Engineer
Layne Pemberton, Enforcement Analyst
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72118-5317

**RE: City of Fayetteville 2017 Annual Pretreatment Report
(Permit No. AR0020010, AFIN 72-00781 and AR0050288, AFIN 72-01033)**

Dear Mr. Yates and Mr. Pemberton,

In accordance with NPDES Permits AR0020010, AFIN 72-00781 and AR0050288, AFIN 72-01033, the Annual Pretreatment Report is enclosed.

Please do not hesitate to contact Bruce Richart at 479-443-3292 or by email at robert.richart@jacobs.com if you have any questions.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

City of Fayetteville

A handwritten signature in blue ink, appearing to read "Tim Nyander", is written over the printed name.

Tim Nyander
Utilities Director
Utilities Department

Enclosure

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: January 2017 TO December 2017
TREATMENT PLANT: City of Fayetteville Paul R. Noland WRRF NPDES PERMIT #AR0020010
AVERAGE POTW FLOW: 6.1 MGD % IU FLOW: 15.5%

METALS, CYANIDE and PHENOLS (Total)	MAHC (Total) (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 (ug/L) (1)	EPA Method Used (1)	Detection Level Achieved (ug/L)
		02/28/17	05/09/17	07/12/17	10/30/17		02/28/17	05/09/17	07/13/17*	10/26/17			
Antimony	N/A	0	0	0	0	N/A	0	0	0	0	60	200.8	60
Cadmium	21.2	0	0	0	0	7.0	0	0	0	0	0.5	200.8	0.5
Copper	684.66	39	44	33	46	41.1	3.5	2.2	2.0	2.1	0.5	200.8	0.5
Lead	39.02	1.6	1.8	2.1	1.1	18.7	0	0	0	0	0.5	200.8	0.5
Mercury	0.03	0.022	0	0	0	0.01	0	0	0	0	0.005	245.7	0.0050
Nickel	235.34	6.7	7.4	7.7	9.5	422.02	4.2	4.3	4.4	4.3	0.5	200.8	0.5
Selenium	11.16	0	0	0	0	5.6	0	0	0	0	5	200.8	5
Silver	44.34	0	1.1	0	0	20.0	0	0	0	0	0.5	200.8	0.5
Zinc	300.00	110	110	98	130	372.9	0	0	0	0	20	200.8 & 200.7	20 & 10
Chromium	676.51	0	0	0	0	1255.0	0	0	0	0	10	200.8	10
Cyanide	18.72	0	0	0	0	5.8	0	0	0	0	10	SM4500-CN C.E 1999	10
Arsenic	30.82	3.4	3.5	7.5	3.1	342.4	0.91	0.59	2.3	0.77	0.5	200.8	0.5
Molybdenum	27.74	0	0	0	0	N/A	0	0	0	0	--	200.8	8 & 10
Phenols	N/A	96	57	97	49	N/A	6.1	7.4	8.2	12	5	420.1	5
Beryllium	11.83	0	0	0	0	5.9	0	0	0	0	0.5	200.8 & 200.7	0.5
Thallium	N/A	0	0	0	0	N/A	0	0	0	0	0.5	200.8	0.5
Flow, MGD	--	5.312	7.467	5.723	4.257	--	5.780	7.070	6.380	6.730	--	--	--
Phenol (3)	N/A			15		--			0		--	625	10

* All Table III effluent samples collected 07/13/17; Table II samples collected 07/12/17 except VOCs collected 07/11/17

(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 (and SHOULD be met for the influent) so the data can also be used for Local Limits assessment and NPDES application purposes.**

(2) This value was calculated during the development of TBLL based on State WQ criteria, EPA guidance and either ADEQ Pretreatment staff Excel spreadsheets or the Permittee's consultant with concurrence from Pretreatment staff. [Table & values provided by R. Torrence of ADEQ in a letter dated October 1, 2009.]

(3) Record the name of any pollutant [40 CFR 122, Appendix D, Table II and/or Table V] detected and the concentration at which they were detected.

MAHL - Maximum Allowable Headworks Level / MAHC – Maximum Allowable Headworks Concentration

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

In accordance with a letter from R. Torrence of ADEQ dated July 10, 2009, all values in the table above that are less than detection level are reported as zero.

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: January 2017 TO December 2017
TREATMENT PLANT: City of Fayetteville West Side WRRF NPDES PERMIT #AR0050288
AVERAGE POTW FLOW: 7.161 MGD % IU FLOW: 0.0%

METALS, CYANIDE and PHENOLS (Total)	MAHC (Total) (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 (ug/L) (1)	EPA Method Used (1)	Detection Level Achieved (ug/L)
		03/07/17	05/16/17	07/18/17	10/24/17		03/07/17	05/16/17	07/18/17	10/24/17			
Antimony	N/A	0	0	0	0	N/A	0	0	0	0	60	200.8	60
Cadmium	21.2	0	0	0	4.5	7	0	0	0	0	0.5	200.8	0.5
Copper	456.44	63	20	36	34	41.08	0	1.5	1.5	1.9	0.5	200.8 & 200.7	0.5 & 6
Lead	74.91	4.8	0.77	1.5	39	18.73	0	0	0	0	0.5	200.8	0.5
Mercury	0.03	0.70	0.059	0.18	0	0.01	0	0	0	0	0.005	245.7	0.050 & 0.025 & 0.0050
Nickel	844.04	8.7	6.2	6.1	52	422.02	4.3	4.2	3.7	16	0.5	200.8 & 200.7	0.5 & 10
Selenium	11.16	0	0	0	0	5.58	0	0	0	0	5	200.8	2 & 5
Silver	86.74	2.0	0	0	0.9	19.95	0	0	0	0	0.5	200.8	0.5
Zinc	300.00	220	61	180	120	372.89	0	0	0	0	20	200.8 & 200.7	20
Chromium	1000.0	0	0	0	300	1255.02	0	0	0	0	10	200.8 & 200.7	10
Cyanide	18.72	0	0	0	0	5.80	0	0	0	0	10	SM4500-CN C.E 1999	10
Arsenic	100.0	4.8	15	3.9	62	342.39	0.58	1.4	0.53	0.71	0.5	200.8	3 & 0.5
Molybdenum	200.0	0	0	0	33	N/A	0	0	0	0	--	200.8	8 & 10
Phenols	N/A	75	35	73	14	N/A	7.4	22	8.3	0	5	420.1	5
Beryllium	11.83	0	0	0	0	5.91	0	0	0	0	0.5	200.8	0.5
Thallium	N/A	0	0	0	0.84	N/A	0	0	0	0	0.5	200.8	0.5
Flow, MGD	--	6.866	8.194	6.081	7.341	--	6.595	8.299	5.957	8.022	--		
Chloroethane	N/A			52					0			624	50

(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 (and SHOULD be met for the influent) so the data can also be used for Local Limits assessment and NPDES application purposes.**

(2) This value was calculated during the development of TBLL based on State WQ criteria, EPA guidance and either ADEQ Pretreatment staff Excel spreadsheets or the Permittee's consultant with concurrence from Pretreatment staff. [Table & values provided by R. Torrence of ADEQ in a letter dated October 1, 2009.]

(3) Record the name of any pollutant [40 CFR 122, Appendix D, Table II and/or Table V] detected and the concentration at which they were detected.

MAHL - Maximum Allowable Headworks Level / MAHC – Maximum Allowable Headworks Concentration

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

In accordance with a letter from R. Torrence of ADEQ dated July 10, 2009, all values in the table above that are less than detection level are reported as zero.

PRETREATMENT PROGRAM STATUS REPORT
 UPDATED SIGNIFICANT INDUSTRIAL USERS LIST

Industrial User Name	SIC Code/ NAICS Code	Categorical Determination (40CFRXXX or N/A)	Control Document		New User or Newly ID	Times Inspected	Times Sampled ² (SIU+WRRF/ WRRF sampling)	Compliance Status ¹ (N/A, C, NC, or SNC)					Permit Limits (parameter violated & number of times)	WRRF ³
			Y or N	Last Action				BMR	90-Day Compliance	Semi Annual	Self Monitoring			
Ayrshire Electronics, LLC ⁴ , 1101 S. Beechwood Ave.	3672/334418	Non-SIU	Y	12/22/17 Terminated	No	1	N/A – Non-SIU	N/A	N/A	C	C	C (BMPs)	NoI	
Custom Powder Coating Services, Inc., 1629 W. Farmington St.	3479/332812	40 CFR 433	Y	01/01/10 Reissued	No	1	3/1	N/A	N/A	NC	N/A	C	NoI	
Elkhart Products Corporation, 3265 Hwy 71 S.	3498/332996 3351/331420 3366/331529 3432/332913	40 CFR 468	Y	09/01/08 Reissued	No	4	29/3	N/A	N/A	C	NC	C	NoI	
Hiland Dairy Foods, Inc., 301 E. 15 th St.	2026/311511 2086/312111	N/A	Y	03/01/10 Reissued	No	1	369/4	N/A	N/A	C	NC	C	NoI	
Marshalltown Company, 2200 Industrial Drive	3423/332212	40 CFR 433	Y	12/01/08 Reissued	No	2	3/1	N/A	N/A	C	C	C	NoI	
Pinnacle Foods Corporation, 100 W 15 th St.	2038/311412	N/A	Y	06/01/10 Reissued	No	2	166/4	N/A	N/A	C	NC	C	NoI	

Industrial User Name	SIC Code/ NAICS Code	Categorical Determination (40CFRXXX or N/A)	Control Document		New User or Newly ID	Times Inspected	Times Sampled ² (SIU+WRRF/ WRRF sampling)	Compliance Status ¹ (N/A, C, NC, or SNC)					WRRF ³
			Y or N	Last Action				Reports				Permit Limits (parameter violated & number of times)	
								BMR	90-Day Compliance	Semi Annual	Self Monitoring		
Superior Industries International Arkansas, LLC, 1901 Borick Dr.	3714/336399	40 CFR 433	Y	12/29/08 Transfer	No	3	37/1	N/A	N/A	C	NC	C	Nol
Tyson Mexican Original, 2615 S. School	2038/311412 2099/31183	N/A	Y	03/01/10 Reissued	No	2	369/4	N/A	N/A	C	NC	C	Nol

1 N/A = Not Applicable

C = Compliant: no violations in pretreatment year.

NC = Non-compliant: 1 or more violations in pretreatment year, but not SNC.

SNC = Significant Noncompliance: as defined in 40 CFR 403.8(f)(2) and the Fayetteville Sewer Use Ordinance, and calculated on rolling quarters.

2 Per Don Morgan, ADEQ, and David Long, EPA, 2/1/2006, include self-monitoring in these data

3 Nol = Paul R. Noland Water Resource Recovery Facility

WS = West Side Water Resource Recovery Facility


4 Ayrshire Electronics is a Non-SIU

Significant Non-Compliant (SNC) Industries - Enforcement Actions Taken

Industrial User Name	Nature of Violation		Number of Actions Taken					Penalties Collected	Compliance Schedule		Current Status	Comments
	Reports	Limits	N.O.V.	A.O.	Civil	Criminal	Other		Date Issued	Date Due		
None												

PRETREATMENT PERFORMANCE SUMMARY

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.

<p align="center"><u>I. General Information</u></p> <p>Control Authority: City of Fayetteville 1400 N Fox Hunter Road Fayetteville, AR 72701</p> <p>Contact Person: Bruce Richart, Lab Director (479) 443-3292</p> <p>NPDES No.: AR0020010 & AR0050288</p> <p>Reporting Period: January 1, 2017 – December 31, 2017</p> <p>Total Categorical IUs: <u>4</u></p> <p>Total Significant Noncategorical IUs: <u>3</u></p> <p>Total Non-Significant (yet permitted) IUs: <u>1</u></p>	<p>The following certification must be signed in order for this form to be considered complete:</p> <p>I certify that the information contained herein is complete and accurate to the best of my knowledge.</p> <p align="center"></p> <p align="right">_____ Date</p> <p>Tim Nyander Utilities Director Authorized Representative</p>
---	---

<u>II. Significant Industrial User Compliance</u>	Significant Industrial Users	
	Categorical	Noncategorical
1) No. of SIUs submitting BMRs/No. Required.....	0 / 0	N/A
2) No. of SIUs submitting 90-Day Compliance Reports/No. Required.....	0 / 0	N/A
3) No. of SIUs submitting Semiannual Report/No. Required.....	4 / 4	3 / 3
4) No. of SIUs meeting Compliance Schedule/No. Required.....	0 / 0	0 / 0
5) No. of SIUs in Significant Noncompliance/Total No. of SIUs.....	0 / 4	0 / 3
6) Rate of Significant Noncompliance for all SIUs (categorical and noncategorical).....	0 / 7	

<u>III. Compliance Monitoring Program</u>		
1) No. of Control Documents Issued/No. Required.....	4 / 4	3 / 3
2) No. of Nonsampling Inspections Conducted.....	8	5
3) No. of Sampling Visits Conducted.....	6	12
4) No. of Facilities Inspected (nonsampling).....	4	3
5) No. of Facilities Sampled.....	4	3

<u>IV. Enforcement Actions</u>		
1) Compliance Schedules Issued/Schedules Required.....	0 / 0	0 / 0
2) Notices of Violation Issued to SIUs.....	1	0
3) Administrative Orders Issued to SIUs.....	0	0
4) Civil Suits Filed.....	0	0
5) Criminal Suits Filed.....	0	0
6) Significant Violators (attach newspaper list).....	0	0
7) Amount of Penalties Collected (total dollars/IUs assessed).....	\$0 / 0	\$0 / 0
8) Other Actions (sewer bans, etc.).....	0	0

2017 Industrial Pretreatment Year

No authorization to discharge was revoked for a significant industrial user. The non-significant industrial user permit #FAY15 was terminated 12/22/17 because the permit was not needed for discharge from the facility.

No interference, pass through, upset or WRRF permit violations occurred that were known or suspected to be caused by industrial contributors and so no actions were taken.

Continued with minerals analyses on samples from three food producers. Noland effluent analysis on minerals was conducted more frequently than required and reported. The four SIUs with the top flows participated in 3 weeks of voluntary sample collection and analysis of minerals. This data will assist in planning to meet future NPDES minerals limits.

Staff volunteered locally during two National DEA Drug Take Back Days. During the events, more than 199 participants dropped off 700 pounds of unneeded medications for proper disposal helping protect our families from drug abuse or misuse, and protecting our water resource recovery facilities and the watershed. Fayetteville has 4 permanent drop off sites. Staff has been volunteering and participating in the planning of these semi-annual drug take back events since 2010.