

Gage, Hannah

From: Yates, Adam
Sent: Thursday, July 13, 2017 4:04 PM
To: Georgiou, Denise/FAY
Cc: Tim Nyander; Miller, Mayo/Fay; Gage, Hannah; Johnson, Lindsay; McWilliams, Carrie; Healey, Richard; Pemberton, Layne
Subject: RE: AR0020010_Fayetteville May 2017 Pretreatment Program Annual Report_20170526
Attachments: 2016 Annual IPP Rpt Nol_WS.pdf

Denise,

City of Fayetteville's May 2017 Pretreatment Program Annual Report was received, reviewed, and deemed complete and compliant with the reporting requirements of 40 CFR 403.12(i). If you have any questions or concerns, please feel free to contact me.

Kindly,

Adam Yates
Engineer, NPDES Permits Section
Office of Water Quality

From: Georgiou, Denise/FAY [<mailto:Denise.Georgiou@CH2M.com>]
Sent: Friday, May 26, 2017 12:46 PM
To: Yates, Adam
Cc: Tim Nyander; Miller, Mayo/Fay
Subject: AR0020010_Fayetteville Noland and West Side AR0050288 May 2016 Annual Pretreatment Report

Mr. Yates,

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

Please let me know if you would like us to also submit hard copy of the report.

Thank you,

CH2M for City of Fayetteville

Denise Georgiou
Industrial Pretreatment Coordinator
O +1 479 443 3292
Denise.Georgiou@ch2m.com

CH2M
1400 N. Fox Hunter Road
Fayetteville, AR 72701
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CITY OF
FAYETTEVILLE
ARKANSAS

May 26, 2017

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

**RE: City of Fayetteville 2016 Annual Pretreatment Report
(Permit No. AR0020010, AFIN 72-00781 and AR0050288, AFIN 72-01033)**

Dear Mr. Yates,

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 Denise Georgiou at 479-443-3292 or by email at Denise.Georgiou@ch2m.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 a faint, illegible printed name.

Tim Nyander
Utilities Director
Utilities Department

Enclosure

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: January 2016 TO December 2016
TREATMENT PLANT: City of Fayetteville Paul R. Noland WRRF NPDES PERMIT #AR0020010
AVERAGE POTW FLOW: 4.9 MGD % IU FLOW: 16.9%

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)
		03/08/16	06/07/16	09/20/16*	10/11/16		03/08/16	06/07/16	09/15/16	10/11/16			
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	28	13	33	38	41.1	3.2	1.6	0.93	1.8	0.5	200.8	0.5 & 3
Lead	39.02	1.6	1.7	1.6	2.3	18.7	0	0	0	0	0.5	200.8	0.5
Mercury	0.03	0.033	0.063	0.029	0.0065	0.01	0	0	0	0	0.005	245.7	0.0050
Nickel	235.34	7.2	8.2	7.4	6.7	422.02	4.0	6.4	4.6	4.2	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	0.68	0	0	0	20.0	0	0	0	0	0.5	200.8	0.5
Zinc	300.00	90	88	130	150	372.9	27	36	0	0	20	200.8	20
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	4.5	1.5	3.2	4.5	342.4	1.2	0.99	1.4	0.97	0.5	200.8	0.5
Molybdenum	27.74	0	0	0	0	N/A	0	0	0	0	--	200.8	8
Phenols	N/A	61	62	140	53	N/A	6.7	0	0	0	5	420.1	5
Beryllium	11.83	0	0	0	0	5.9	0	0	0	0	0.5	200.8	0.5
Thallium	N/A	0	0	0	0	N/A	0	0	0	0	0.5	200.8	0.5
Flow, MGD	--	5.3	3.3	4.5	4.7	--	7.7	3.5	5.7	5.2	--	--	--
Toluene (3)	N/A			13		--					--	624	10

* All influent samples collected 09/20/16 except toluene collected 09/15/16.

(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 2016 TO December 2016
TREATMENT PLANT: City of Fayetteville West Side WRRF NPDES PERMIT #AR0050288
AVERAGE POTW FLOW: 6.2 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)
		03/10/16	06/13/16	09/13/16*	10/18/16		03/10/16	06/13/16	09/13/16	10/18/16			
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	0.5	200.8	0.5
Copper	456.44	13	5.7	43	37	41.08	1.4	1.8	0	4.1	0.5	200.8	0.5
Lead	74.91	0.69	1.6	2.1	1.6	18.73	0	0	0	0	0.5	200.8	0.5
Mercury	0.03	0.018	0.022	0.088	0.052	0.01	0	0	0	0	0.005	245.7 & 1631E	0.005
Nickel	844.04	6.3	6.4	10	5.5	422.02	4.0	4.4	1.3	3.9	0.5	200.8	0.5
Selenium	11.16	0	0	0	0	5.58	0	0	10	0	5	200.8	5
Silver	86.74	0	0	0.94	0	19.95	0	0	0	0	0.5	200.8	0.5
Zinc	300.00	52	130	260	130	372.89	0	32	47	0	20	200.8	20
Chromium	1000.0	0	0	0	0	1255.02	0	0	44	0	10	200.8	10
Cyanide	18.72	0	0	0	0	5.80	0	0	0	0	10	SM4500-CN C,E 1999	10
Arsenic	100.0	1.8	1.9	3.7	6.0	342.39	0.64	0.61	2.8	0.80	0.5	200.8	0.5
Molybdenum	200.0	0	0	9.7	0	N/A	0	0	0	0	--	200.8	8
Phenols	N/A	21	83	75	70	N/A	20	0	48	87	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	N/A	0	0	0	0	0.5	200.8	0.5
Flow, MGD	--	14.1	6.7	5.2	5.5	--	14.1	5.7	5.2	5.8	--		
Beta-BHC	N/A			0					0.076			608	0.050
Bis(2-ethylhexyl)phthalate	N/A			11					0			625	10

* All influent samples collected 09/13/16 except Bis(2-ethylhexyl)phthalate collected 09/14/16.

(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.]

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

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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)					WRRF ³
			Y or N	Last Action				Reports				Permit Limits (parameter violated & number of times)	
								BMR	90-Day Compliance	Semi Annual	Self Monitoring		
Ayrshire Electronics, LLC ⁴ , 1101 S. Beechwood Ave.	3672/334418	Non-SIU	Y	04/01/13 Reissued	No	1	N/A – Non-SIU	N/A	N/A	N/A	N/A	N/A	Nol
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	C	C	Nol
Elkhart Products Corporation, 3265 Hwy 71 S.	3498/332996 3351/331420 3366/331529 3432/332913	40 CFR 468	Y	09/01/08 Reissued	No	1	31/1	N/A	N/A	C	NC	NC – 1 daily Cr, 2 monthly avg. Cr	Nol
Hiland Dairy Foods, Inc., 301 E. 15 th St.	2026/311511 2086/312111	N/A	Y	03/01/10 Reissued	No	1	370/4	N/A	N/A	C	C	C	Nol
Marshalltown Company, 2200 Industrial Drive	3423/332212	40 CFR 433	Y	12/01/08 Reissued	No	1	3/1	N/A	N/A	NC	C	C	Nol
Pinnacle Foods Corporation, 100 W 15 th St.	2038/311412	N/A	Y	06/01/10 Reissued	No	1	161/4	N/A	N/A	C	C	C	Nol
Superior Industries International Arkansas, LLC, 1901 Borick Dr.	3714/336399	40 CFR 433	Y	12/29/08 Transfer	No	2	25/1	N/A	N/A	C	NC	C	Nol

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		
Tyson Mexican Original, 2615 S. School	2038/311412 2099/31183	N/A	Y	03/01/10 Reissued	No	1	370/4	N/A	N/A	C	C	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		
Elkhart Products Corporation		Monthly Average Chromium Chronic & TRC	2					\$0	NA	NA	C	

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

I. General Information

Control Authority: **City of Fayetteville**
1400 N Fox Hunter Road
Fayetteville, AR 72701

Contact Person: Denise Georgiou, IPC
(479) 443-3292

NPDES No.: **AR0020010 & AR0050288**

Reporting Period: January 1, 2016 –
December 31, 2016

Total Categorical IUs: 4

Total Significant Noncategorical IUs: 3

Total Non-Significant (yet permitted) IUs: 1

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.



May 26, 2017

Tim Nyander
Utilities Director
Authorized Representative

Date

II. Significant Industrial User Compliance

Significant Industrial Users	
Categorical	Noncategorical

- 1) No. of SIUs submitting BMRs/No. Required..... 0 / 0
- 2) No. of SIUs submitting 90-Day Compliance Reports/No. Required..... 0 / 0
- 3) No. of SIUs submitting Semiannual Report/No. Required..... 4 / 4
- 4) No. of SIUs meeting Compliance Schedule/No. Required..... 0 / 0
- 5) No. of SIUs in Significant Noncompliance/Total No. of SIUs..... 1 / 4
- 6) Rate of Significant Noncompliance for all SIUs (categorical and noncategorical)..... 1 / 7

0 / 0	N/A
0 / 0	N/A
4 / 4	3 / 3
0 / 0	0 / 0
1 / 4	0 / 3
1 / 7	

III. Compliance Monitoring Program

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

4 / 4	3 / 3
5	3
4	12
4	3
4	3

IV. Enforcement Actions

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

0 / 0	0 / 0
2	0
0	0
0	0
0	0
1	0
\$0 / 0	\$0 / 0
0	0

2016 Industrial Pretreatment Year

No authorization to discharge was terminated or revoked for a significant industrial user.

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.

Conducted a study of loading patterns at the Paul Noland WRRF.

David Miller from Superior Industries International accepted the NW District AWW&WEA Pretreatment Professional of the Year Award. Fayetteville WRRF staff nominated Mr. Miller for his work on foam reduction/elimination and his continuing open communication.

Quarterly minerals analyses were run on samples from three food producers and analysis was conducted more frequently than required and reported on Noland WRRF effluent. 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 105 participants dropped off 471 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. A new brochure was distributed during drug take back and educational events, which lists 25 permanent prescription drug drop off locations in Benton, Carroll, Madison, and Washington Counties. Fayetteville has 2 permanent drop off sites. Staff has been volunteering and participating in the planning of these semi-annual drug take back events since 2010.

A flyer entitled, "Don't Flush Your Medications!" that lists permanent drug disposal sites was included in Fayetteville utility bills to help protect water resource recovery facilities and the watershed.

NORTHWEST ARKANSAS Democrat Gazette

P.O. BOX 1007 FAYETTEVILLE, AR 72702 • 479-742-1100 • FAX 479-742-1101 • WWW.NWAZG.COM

AFFIDAVIT OF PUBLICATION

I, Karen Caler, do solemnly swear that I am the Legal Clerk of the Northwest Arkansas Democrat-Gazette, printed and published in Washington County and Benton County, Arkansas, and of bona fide circulation, that from my own personal knowledge and reference to the files of said publication, the advertisement of:

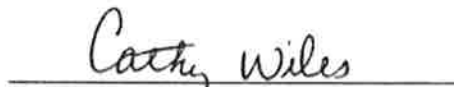
CITY OF FAYETTEVILLE
Public Notice of Significant Industrial Pollution Violation

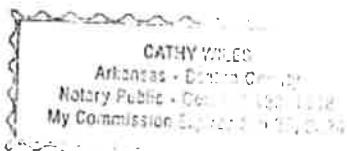
Was inserted in the Regular Edition on:
May 22, 2017

Publication Charge: \$ 55.90


Karen Caler

Subscribed and sworn to before me
This 22 day of May, 2017.


Notary Public
My Commission Expires: 2/20/2019



****NOTE****
Please do not pay from Affidavit.
Invoice will be sent.

Public Notice of Significant Industrial Pollution Violations Listed below are significant wastewater discharge violations as defined in Section 51.082 of the City of Fayetteville Code. Elkhart Products Corporation (Elkhart), 3265 Hwy 71 South, Fayetteville, Ark. Violations: The April 2016 monthly average chromium mass measurement exceeded permit limits. This resulted in exceeding the technical review criteria and the chronic criteria from 01/01/16 to 06/30/16. This constitutes significant noncompliance according to Section 51.082 of the City of Fayetteville Code. Actions taken: A notice of violation was served on Elkhart, Elkhart was required to identify the suspected cause of the violation, the corrective measures taken to abate the violation, and measures to prevent recurrence. Response: Elkhart responded to the notice of violation, modified procedures, and conducted additional sampling and analysis to show continued compliance. Status: Elkhart was not in significant noncompliance for any additional periods. 74166441 May 22, 2017