

Peltier, Hannah

From: Torrence, Rufus
Sent: Tuesday, June 04, 2013 2:31 PM
To: Duyen.Tran@ch2m.com
Cc: Denise.Georgiou@CH2M.com; Peltier, Hannah
Subject: AR0020010 AFIN 72-00781 & AR0050288 AFIN 72-01033 City of Fayetteville 2012 Annual Report
Attachments: FYVL 2012 Annual Report.pdf



May 30, 2013

David Jurgens, P.E., Utilities Director
City of Fayetteville
113 W. Mountain Avenue
Fayetteville, AR 72701

Re: City of Fayetteville 2012 Annual Pretreatment Report
(AR0020010 AFIN 72-00781 & AR0050288 AFIN 72-01033)

Dear Mr. Jurgens:

The Department has reviewed the City of Fayetteville (City) 2012 Annual Pretreatment Report and the report is complete.

The Department appreciates the City's continued efforts in annual reporting.

If you have any questions or concerns, please contact the Department at (501) 682-0626 or by email at torrence@adeq.state.ar.us.

Sincerely,

A handwritten signature in blue ink that reads "Rufus Torrence". The signature is written in a cursive style.

Rufus Torrence, Pretreatment Engineer
Water Division

ARKANSAS DEPARTMENT OF ENVIRONMENT
5301 NORTHSHORE DRIVE / NORTH LITTLE ROCK / ARKANSAS 72118-5337 / TN
www.adeq.state.ar.us

May 28, 2013

Rufus Torrence, Engineer / Water Division
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72118-5317

**RE: City of Fayetteville 2012 Annual Pretreatment Report
(Permit No. AR0020010, AFIN 72-00781 and AR0050288, AFIN 72-01033)**

Dear Mr. Torrence,

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


David Jurgens, P.E.
Utilities Director



Encl: AR0020010, AFIN 72-00781
AR0050288, AFIN 72-01033

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: January 2012 TO December 2012
TREATMENT PLANT: City of Fayetteville Paul R. Noland WWTP NPDES PERMIT #AR0020010
AVERAGE POTW FLOW: 5.1 MGD % IU FLOW: 18.8%

METALS, CYANIDE and PHENOLS (Total)	MAHC (Total) (µg/L) (2)	INFLUENT DATES SAMPLED (µg/L) Once/quarter				WQ level/ limit (µg/L) (2)	EFFLUENT DATES SAMPLED (µg/L) Once/quarter				LABORATORY ANALYSIS		
		Date	Date	Date	Date		Date	Date	Date	Date	EPA MQL (µg/L) (1)	EPA Method Used (1)	Detection Level Achieved (µg/L)
		01/27/12	05/09/12	07/18/12	10/23/12		01/27/12	05/09/12	07/18/12	10/14/12*			
Antimony	N/A	0	0	0	0	N/A	0	0	0	0	60	200.8	60
Cadmium	21.2	0	0.58	0	0.98	7.0	0	0	0	0	0.5	200.8	0.5
Copper	684.66	27	34	31	93	41.1	2.7	2.2	0.97	2.7	0.5	200.8	0.5
Lead	39.02	2.0	2.0	3.0	2.9	18.7	0	0	0	0	0.5	200.8	0.5
Mercury	0.03	0.028	0.120	0.023	0.016	0.01	0.0018	0.0048	0	0	0.005	245.7	0.0018
Nickel	235.34	11	11	5.9	5.8	422.02	5.1	4.4	4.1	0	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	0	0	0	20.0	0	0.85	0	0	0.5	200.8	0.5
Zinc	300.00	68	110	100	150	372.9	28	0	0	0	20	200.8	20
Chromium	676.51	0	0.58	0	0	1255.02	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	10 & 5
Arsenic	30.82	0	0	0	1.1	342.4	0	0	0	0	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	42	140	120	170	N/A	37	16	16	0	5	420.1	5
Beryllium	11.83	0	0	0	0.5	5.9	0	0	0	0	0.5	200.8	0.5
Thallium	N/A	0	0.69	0	0	N/A	0	1.7	0	0	0.5	200.8	0.5
Flow, MGD	N/A	12.05	5.83	4.13	4.95	N/A	11.94	4.97	3.95	6.38			
Toluene (3)	N/A			16		N/A					--	624	10
Phenol (3)	N/A			16		N/A					--	625	10

*All effluent samples collected 10/14/12 except mercury collected 10/23/12, cyanide and phenols collected 10/25/12.

(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.

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+POTW / POTW sampling)	Compliance Status ¹ (N/A, C, NC, or SNC)					
			Y or N	Date & Last Action				Reports				Permit Limits	Nature of Violation (which limits & number of times)
								B M R	90-Day Compliance	Semi Annual	Self Monitor- ing		
Ayrshire Electronics, LLC, 1101 S. Beechwood Ave.	3672/334412	NA	Y	03/01/08 Reissued	No	2	13/1	NA	NA	C	NC	C	Report 3 days late
Custom Powder Coating Services, Inc, 1629 W. Farmington St.	3479/332812	40 CFR 433	Y	01/01/10 Reissued	No	1	3/1	NA	NA	C	C	C	
Elkhart Products Corporation, 3265 Hwy 71 S.	3498/332996 3351/331421 3366/331525 3432/332913	40 CFR 468	Y	09/01/08 Reissued	No	2	25/1	NA	NA	C	C	C	
Hiland Dairy Company, 301 E. 15 th St.	2026/311511 2086/312111	NA	Y	03/01/10 Reissued	No	2	366/4	NA	NA	C	C	C	
Marshalltown Company, 2200 Industrial Drive	3423/332212	40 CFR 433	Y	12/01/08 Reissued	No	1	3/1	NA	NA	C	C	C	
Pinnacle Foods Corporation, 100 W 15 th St.	2038/311412	NA	Y	06/01/10 Reissued	No	1	158/4	NA	NA	C	C	C	

¹ NA = 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

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+POTW / POTW sampling)	Compliance Status ¹ (N/A, C, NC, or SNC)					
			Y or N	Date & Last Action				Reports				Permit Limits	Nature of Violation (which limits & number of times)
								B M R	90-Day Compliance	Semi Annual	Self Monitoring		
Superior Industries International Arkansas, LLC, 1901 Borick Dr.	3714/336399	40 CFR 433	Y	11/01/08 Reissued 12/29/08 Transfer	No	2	24/1	NA	NA	C	NC	C	Require 2/mo metals, only 1 in Nov. Also left Oct 31 data in Nov Rpt on "Nov 31"
Tyson Foods, Inc., 2615 S. School	2038/311412 2099/31183	NA	Y	03/01/10 Reissued	No	2	366/4	NA	NA	C	C	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.

<p style="text-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: Denise Georgiou, IPC (479) 443-3292</p> <p>NPDES No.: AR0020010</p> <p>Reporting Period: January 2012 - December 2012</p> <p>Total Categorical IUs: <u>4</u></p> <p>Total Significant Noncategorical IUs: <u>4</u></p> <p>Total Non-Significant (yet permitted) IUs: <u>0</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> <div style="text-align: center;">  _____ David Jurgens, P.E. Utilities Director Authorized Representative </div> <div style="text-align: right;"> May 24, 2013 Date </div>
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<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	4 / 4
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 / 4
6) Rate of Significant Noncompliance for all SIUs (categorical and noncategorical).....	0 / 8	

<u>III. Compliance Monitoring Program</u>		
1) No. of Control Documents Issued/No. Required.....	4 / 4	4 / 4
2) No. of Nonsampling inspections Conducted.....	6	7
3) No. of Sampling Visits Conducted.....	4	12
4) No. of Facilities Inspected (nonsampling).....	4	4
5) No. of Facilities Sampled.....	4	4

<u>IV. Enforcement Actions</u>		
1) Compliance Schedules Issued/Schedules Required.....	0 / 0	0 / 0
2) Notices of Violation Issued to SIUs.....	0	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

Significant Violations - Enforcement Actions Taken

Industrial User	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		
No industrial users with significant violations												

2012 Industrial Pretreatment Year

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

There were no industrial users in significant noncompliance so newspaper publication was not necessary for the industrial pretreatment year.

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: January 2012 TO December 2012
TREATMENT PLANT: City of Fayetteville West Side WWTP NPDES PERMIT #AR0050288
AVERAGE POTW FLOW: 4.8 MGD % IU FLOW: 0.0%

METALS, CYANIDE and PHENOLS (Total)	MAHC (Total) (µg/L) (2)	INFLUENT DATES SAMPLED (µg/L) Once/quarter				WQ level/ limit (µg/L) (2)	EFFLUENT DATES SAMPLED (µg/L) Once/quarter				LABORATORY ANALYSIS		
		Date	Date	Date	Date		Date	Date	Date	Date	EPA MQL (µg/L) (1)	EPA Method Used (1)	Detection Level Achieved (µg/L)
		01/18/ 12	04/17/12	08/14/12	10/17/12		01/18/12	04/17/12	08/14/12	10/17/12			
Antimony	N/A	0	0	0	0	N/A	0	0	0	0	60	200.8	60
Cadmium	21.2	0.51	0	0	0	7	0	0	0	0	0.5	200.8	0.5
Copper	456.44	0	32	47	29	41.08	1.8	1.5	4.1	2.4	0.5	200.8	0.5
Lead	74.91	0	1.7	2.2	1.3	18.73	0	0.50	0	0	0.5	200.8	0.5
Mercury	0.03	0	0	0.054	0.023	0.01	0	0	0	0	0.005	245.7	0.0018 & 0.0050
Nickel	844.04	0	7.6	5.8	5.4	422.02	3.5	4.2	4.1	3.7	0.5	200.8	0.5
Selenium	11.16	0	0	0	0	5.58	0	0	0	0	5	200.8	5
Silver	86.74	0.69	0	0.74	0	19.95	0	0	0	0	0.5	200.8	0.5
Zinc	300.00	100	140	180	150	372.89	0	40	0	0	20	200.8	20
Chromium	1000.0	0	0	11	0	1255.02	0	0	0	0	10	200.8	10
Cyanide	18.72	0	0	0	0	5.80	0	0	0	0	10	SM4500-CN C.E	5
Arsenic	100.0	14	0	1.2	0.82	342.39	13	0	0	0	0.5	200.8	0.5
Molybdenum	200.0	0	0	0	0	N/A	0	0	0	0	--	200.8	8
Phenols	N/A	31	120	130	120	N/A	41	13	6.6	15	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	0.94	0	0	0.5	200.8	0.5
Flow, MGD	N/A	4.53	5.37	4.31	5.18	N/A	4.45	5.16	4.07	4.94			
bis(2-ethylhexyl) phthalate (3)	N/A			13		N/A					--	625	10

(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.

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+POTW / POTW sampling)	Compliance Status ¹ (N/A, C, NC, or SNC)					
			Y or N	Last Action				Reports				Permit Limits	Nature of Violation (which limits & number of times)
								B M R	90-Day Compliance	Semi Annual	Self Monitor-ing		
No Significant Industrial Users													

¹ NA = Not Applicable

C = Compliant: no violations in pretreatment year.


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<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.....	0 / 0	0 / 0
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 / 0	0 / 0
6) Rate of Significant Noncompliance for all SIUs (categorical and noncategorical).....	0 / 0	

<u>III. Compliance Monitoring Program</u>		
1) No. of Control Documents Issued/No. Required.....	0 / 0	0 / 0
2) No. of Nonsampling inspections Conducted.....	0	0
3) No. of Sampling Visits Conducted.....	0	0
4) No. of Facilities Inspected (nonsampling).....	0	0
5) No. of Facilities Sampled.....	0	0

<u>IV. Enforcement Actions</u>		
1) Compliance Schedules Issued/Schedules Required.....	0 / 0	0 / 0
2) Notices of Violation Issued to SIUs.....	0	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

Significant Violations - Enforcement Actions Taken

Industrial User	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		
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2012 Industrial Pretreatment Year

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