

Torrence, Rufus

From: Torrence, Rufus
Sent: Tuesday, June 07, 2011 4:19 PM
To: Denise.Georgiou@CH2M.com
Subject: AR0020010 AFIN 72-00781 & AR0050288 AFIN 72-01033 City of Fayetteville 2010 Annual Report



June 8, 2011

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

Re: City of Fayetteville 2010 Annual Pretreatment Report
(AR0020010 AFIN 72-00781 & AR0050288 AFIN 72-01033)

Dear Mr. Jurgens:

The Department has reviewed the City of Fayetteville (City) 2010 Annual Pretreatment Report and the report is complete. The Department has one recommendation:

Please note that the Maximum Allowable Headworks Concentrations (MAHCs) are different for each POTW. The City should compare the MAHCs for each pollutant and use the more stringent limit for both POTWS.

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 black ink that reads "Rufus Torrence". The signature is written in a cursive style.

Rufus Torrence, Pretreatment Engineer
Water Division

May 25, 2011

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

RE: City of Fayetteville 2010 Annual Pretreatment Reports
Permit No. AR0020010, AFN 72-00781; Permit No. AR0050288, AFIN 72-01033

Dear Mr. Torrence,

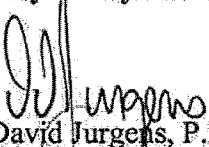
In accordance with NPDES Permits AR0020010 and AR0050288 and your letter dated June 28, 2010 regarding Annual Pretreatment Report contents, the Annual Pretreatment Reports are enclosed.

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

2010 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.

Wrong MAHCs

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: January 2010 TO December 2010
TREATMENT PLANT: City of Fayetteville West Side WWTP NPDES PERMIT #AR0050288
AVERAGE POTW FLOW: 5.64 MGD % IU FLOW: 0.0%

METALS, CYANIDE and PHENOLS	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)
		2/16/10	4/28/10*	7/7/10**	10/28/10***		2/16/10	4/28/10*	7/7/10**	10/27/10****			
Antimony	N/A	0	0	0	0	N/A	0	0	0	0	60	200.8	60 & 0.5
Cadmium	21.2	0	0	0.2	0.1	7.0	0	0	0	0	0.5	200.8	0.5 & 0.08
Copper	684.66	46	28	35.1	28.1	41.1	2	0.8	0.6	0.5	0.5	200.8	0.5
Lead	39.02	1.2	1.3	3.8	2	18.7	0.6	0	0	0	0.5	200.8	0.5 & 0.1
Mercury	0.03	0.047	0	0.0334	0.0274	0.01	0	0	0.0006	0.0026	0.005	245.7 & 1631E	0.0018 & 0.0005
Nickel	235.34	12	10	4.7	4.4	422.02	7.6	4.5	5.7	3.1	0.5	200.8	0.5
Selenium	11.16	0	0	0.8	0.8	5.6	0	0	0	0	5	200.8	5 & 0.5
Silver	44.34	0.9	2.3	1	1.1	20.0	0	0	0	0	0.5	200.8	0.5
Zinc	300.00	140	120	294	125	372.9	38	0	40	17	20	200.8	20 & 5
Chromium	676.51	0	16	2	0	1255.0	0	0	3	0	10	200.8	10 & 0.5
Cyanide	18.72	0	0	11	8	5.8	0	0	0	0	10	SM4500-CN C,E	5
Arsenic	30.82	0	0	0.9	0.8	342.4	0	0	0	0	0.5	200.8	0.5
Molybdenum	27.74	0	0	8.1	6.1	N/A	0	0	0	0	--	200.8	8 & 0.5
Phenols	N/A	40	45	49	31	N/A	0	26	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 & 0.2
Thallium	N/A	0	0	0	0	N/A	0.5	0	0	0	0.5	200.8	0.5 & 0.1
Flow, MGD (3)	N/A	7.57	4.60	4.02	4.19	N/A	7.83	5.19	3.69	4.50			

*All parameters were sampled 4/28/10 except mercury Influent and Effluent sample date is 4/27/10.

** All parameters were sampled 7/7/10 except mercury Influent sample date is 7/8/10, phenol Effluent date is 8/19/10, and phenol Influent date is 9/1/10.

*** All Influent parameters were sampled 10/28/10 except mercury Influent sample date is 10/27/10.

**** All Effluent parameters were sampled 10/27/10 except phenols Effluent sample date is 12/28/10.

(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.

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: January 2010 TO December 2010
TREATMENT PLANT: City of Fayetteville Paul R. Noland WWTP NPDES PERMIT #AR0020010
AVERAGE POTW FLOW: 5.62 MGD % IU FLOW: 18.7%

METALS, CYANIDE and PHENOLS	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	Date	EPA MQL (µg/L) (1)	EPA Method Used (1)	Detection Level Achieved (µg/L)
		1/27/10*	4/15/10**	7/15/10***	11/30/10****		1/27/10*	4/15/10**	7/15/10***	11/30/10****	12/18/10			
Antimony	N/A	0	0	0	0.65	N/A	0	0	0	0		60	200.8	60 & 0.5
Cadmium	21.2	0	0	0.29	0.38	7.0	0	0	0	0		0.5	200.8	0.5 & 0.08
Copper	684.66	18	31	21.7	27.6	41.1	1.2	0.93	0	2.1		0.5	200.8	0.5
Lead	39.02	1.7	2	2.1	3.2	18.7	0	0	0.12	0.29		0.5	200.8	0.5 & 0.1
Mercury	0.03	0.021	0.046	0.0236	0.01754	0.01	0	0	0.00131	0.00114		0.005	245.7 & 1631E	0.0018 & 0.0005
Nickel	235.34	7	7.9	5.3	5.0	422.02	3.1	5.1	2.7	2.2		0.5	200.8	0.5
Selenium	11.16	0	0	1.1	0.82	5.6	0	0	0	0		5	200.8	5 & 0.5
Silver	44.34	0.55	0.76	0	0.50	20.0	0	0	0	0		0.5	200.8	0.5
Zinc	300.00	66	94	60.2	82.4	372.9	0	0	10.3	19.2		20	200.8	20 & 5
Chromium	676.51	0	0	2	3.9	1255.0	0	0	0.5	0		10	200.8	10 & 0.5
Cyanide	18.72	0	0	0	0	5.8	0	0	22	0	0	10	SM4500-CN C,E	10 & 5
Arsenic	30.82	0.59	0	0.85	0.69	342.4	0.59	0.81	0	0		0.5	200.8	0.5
Molybdenum	27.74	0	0	1	1.4	N/A	0	0	0.8	0.58		--	200.8	8 & 0.5
Phenols	N/A	44	62	53	99	N/A	0	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 & 0.2
Thallium	N/A	0	0	0	0	N/A	0	0	0	0		0.5	200.8	0.5 & 0.1
Flow, MGD (3)	N/A	7.52	4.18	9.71	5.00	N/A	9.42	5.18	11.65	5.82	2.70			

*All parameters were sampled 1/27/10 except mercury Influent and Effluent sample date is 1/26/10.

** All parameters were sampled 4/15/10 except mercury Influent and Effluent sample date is 4/16/10.

*** All parameters were sampled 7/15/10 except mercury Influent and Effluent sample date is 7/14/10, phenols Effluent date is 8/18/10, and phenols Influent date is 9/1/10.

**** All parameters were sampled 11/30/10 except phenols Effluent sample date is 12/28/10.

(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	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		
Pinnacle Foods Corporation, 100 W 15 th St.	2038/311412	NA	Y	06/01/10 Reissued	No	1	150/4	NA	NA	C	NC	C	Missing data on 2 monthly summary reports and an incorrect total. All items were corrected.
Superior Industries International Arkansas, LLC, 1901 Borick Dr.	3714/336399	40 CFR 433	Y	11/01/08 Reissued 12/29/08 Transfer	No	1	25/1	NA	NA	C	C	C	
Tyson Foods, Inc., 2615 S. School	2038/311412 2099/31183	NA	Y	03/01/10 Reissued	No	1	365/4	NA	NA	C	C	NC	pH < 5 (4.7 & 4.7)

Attachment A

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	C	C	
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	1	24/1	NA	NA	C	C	C	
Hiland Dairy Company, 301 E. 15 th St.	2026/311511 2086/312111	NA	Y	03/01/10 Reissued	No	1	365/4	NA	NA	C	NC	C	Report 5 days late
Marshalltown Company, 2200 Industrial Drive	3423/332212	40 CFR 433	Y	12/01/08 Reissued	No	2	3/1	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

2010 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.

Attachment "B"

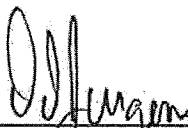
Significant Violations - Enforcement Actions Taken

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												

Attachment 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.: AR0050288</p> <p>Reporting Period: January 2010 - December 2010</p> <p>Total Categorical IUs: <u>0</u></p> <p>Total Significant Noncategorical IUs: <u>0</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; margin-top: 10px;"> <u>25 May 11</u> Date </div>																	
<p style="text-align: center;"><u>II. Significant Industrial User Compliance</u></p> <p>1) No. of SIUs submitting BMRs/No. Required..... 0 / 0</p> <p>2) No. of SIUs submitting 90-Day Compliance Reports/No. Required..... 0 / 0</p> <p>3) No. of SIUs submitting Semiannual Report/No. Required..... 0 / 0</p> <p>4) No. of SIUs meeting Compliance Schedule/No. Required..... 0 / 0</p> <p>5) No. of SIUs in Significant Noncompliance/Total No. of SIUs..... 0 / 0</p> <p>6) Rate of Significant Noncompliance for all SIUs (categorical and noncategorical)..... 0 / 0</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Significant Industrial Users</th> </tr> <tr> <th style="width: 50%;">Categorical</th> <th style="width: 50%;">Noncategorical</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">0 / 0</td> <td style="text-align: center;">N/A</td> </tr> <tr> <td style="text-align: center;">0 / 0</td> <td style="text-align: center;">N/A</td> </tr> <tr> <td style="text-align: center;">0 / 0</td> <td style="text-align: center;">0 / 0</td> </tr> <tr> <td style="text-align: center;">0 / 0</td> <td style="text-align: center;">0 / 0</td> </tr> <tr> <td style="text-align: center;">0 / 0</td> <td style="text-align: center;">0 / 0</td> </tr> <tr> <td colspan="2" style="text-align: center;">0 / 0</td> </tr> </tbody> </table>		Significant Industrial Users		Categorical	Noncategorical	0 / 0	N/A	0 / 0	N/A	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	
Significant Industrial Users																		
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<p style="text-align: center;"><u>III. Compliance Monitoring Program</u></p> <p>1) No. of Control Documents Issued/No. Required..... 0 / 0</p> <p>2) No. of Nonsampling inspections Conducted..... 0</p> <p>3) No. of Sampling Visits Conducted..... 0</p> <p>4) No. of Facilities Inspected (nonsampling)..... 0</p> <p>5) No. of Facilities Sampled..... 0</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%;">0 / 0</td> <td style="width: 50%;">0 / 0</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>		0 / 0	0 / 0	0	0	0	0	0	0	0	0						
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<p style="text-align: center;"><u>IV. Enforcement Actions</u></p> <p>1) Compliance Schedules Issued/Schedules Required..... 0 / 0</p> <p>2) Notices of Violation Issued to SIUs..... 0</p> <p>3) Administrative Orders Issued to SIUs..... 0</p> <p>4) Civil Suits Filed..... 0</p> <p>5) Criminal Suits Filed..... 0</p> <p>6) Significant Violators (attach newspaper list)..... 0</p> <p>7) Amount of Penalties Collected (total dollars/IUs assessed)..... \$0 / 0</p> <p>8) Other Actions (sewer bans, etc.)..... 0</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%;">0 / 0</td> <td style="width: 50%;">0 / 0</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">\$0 / 0</td> <td style="text-align: center;">\$0 / 0</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>		0 / 0	0 / 0	0	0	0	0	0	0	0	0	0	0	\$0 / 0	\$0 / 0	0	0
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Attachment B

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.

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

Attachment "B"

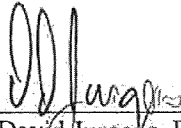
Significant Violations - Enforcement Actions Taken

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												

Attachment C⁷¹

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 2010 - December 2010</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; margin-top: 10px;"> <u>25 May 11</u> 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.....	5	5
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	1
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

PPS Program Report

* NPDES ID:

AR0020010

Permittee's Name Jayetteville

* Report Received/Event Date:

05/26/2011

Date 5-26-2011

Report Type

Select a Program Report to add

- Biosolids Program Report
- CAFO Annual Report
- CSO Event Report
- Local Limits Report
- MS4 Program Report

- Pretreatment Performance Summary Report
- SSO Annual Report
- SSO Event Report
- SSO Monthly Event Report
- Storm Water Event Report

Report Information

* Pretreatment Performance Summary Start Date:

01/01/2010

Significant Industrial Users (SIUs)

SIUs:

SIUs Without Control Mechanism:

SIUs Not Inspected:

SIUs Not Sampled:

SIUs in SNC with Pretreatment Standards:

SIUs in SNC with Reporting Requirements:

SIUs in SNC with Pretreatment Schedule:

SIUs in SNC Published in Newspaper:

SIUs Schedules:

Violation Notices Issued to SIUs:

Administrative Orders Issued to SIUs:

Civil Suits Filed Against SIUs:

Criminal Suits Filed Against SIUs:

Categorical Industrial Users (CIUs)

CIUs:

CIUs in SNC:

Penalties

Dollar Amount of Penalties Collected: \$

Industrial Users (IUs) from which Penalties have been collected:

Other Information

SUO Reference:

SUO Date:

Annual Pretreatment Budget: \$

Pass-Through/Interference Indicator:

Notification of IU Schedule for Remedial Measures:

Initial Response to Violation of IU Schedule for Remedial Measures:

Local Limits

Date of Most Recent Technical Evaluation & or Local Limits:

Date of Most Recent Adoption of Technically Based Local Limits:

Local Limit Pollutants:

ADD REMOVE

Removal Credits

Removal Credits Application Status:

Date of Most Recent Removal Credits Approval:

Removal Credits:

ADD REMOVE

Acceptance of Waste

Acceptance of Hazardous Waste:

Acceptance of Non-Hazardous Industrial Waste:

Acceptance of Hauled Domestic Wastes:

Deficiencies

Deficiencies Identified During IU File Review:

Control Mechanism Deficiencies:

Legal Authority Deficiencies:

Deficiencies in Data Management and Public Participation:

Deficiencies in Interpretation and Application of Pretreatment Standards:

Inadequacy of Sampling and Inspections:

Adequacy of Pretreatment Resources:

Annual Frequency

Annual Frequency of Influent Toxicant Sampling:

Annual Frequency of Effluent Toxicant Sampling:

Annual Frequency of Sludge Toxicant Sampling:

May 25, 2011

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

**RE: City of Fayetteville 2010 Annual Pretreatment Reports
Permit No. AR0020010, AFN 72-00781; Permit No. AR0050288, AFIN 72-01033**

Dear Mr. Torrence,

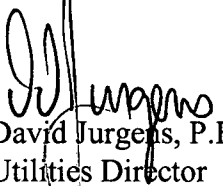
In accordance with NPDES Permits AR0020010 and AR0050288 and your letter dated June 28, 2010 regarding Annual Pretreatment Report contents, the Annual Pretreatment Reports are enclosed.

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

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: January 2010 TO December 2010
TREATMENT PLANT: City of Fayetteville West Side WWTP NPDES PERMIT #AR0050288
AVERAGE POTW FLOW: 5.64 MGD % IU FLOW: 0.0%

METALS, CYANIDE and PHENOLS	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)
		2/16/10	4/28/10*	7/7/10**	10/28/10***		2/16/10	4/28/10*	7/7/10**	10/27/10****			
Antimony	N/A	0	0	0	0	N/A	0	0	0	0	60	200.8	60 & 0.5
Cadmium	21.2	0	0	0.2	0.1	7.0	0	0	0	0	0.5	200.8	0.5 & 0.08
Copper	684.66	46	28	35.1	28.1	41.1	2	0.8	0.6	0.5	0.5	200.8	0.5
Lead	39.02	1.2	1.3	3.8	2	18.7	0.6	0	0	0	0.5	200.8	0.5 & 0.1
Mercury	0.03	0.047	0	0.0334	0.0274	0.01	0	0	0.0006	0.0026	0.005	245.7 & 1631E	0.0018 & 0.0005
Nickel	235.34	12	10	4.7	4.4	422.02	7.6	4.5	5.7	3.1	0.5	200.8	0.5
Selenium	11.16	0	0	0.8	0.8	5.6	0	0	0	0	5	200.8	5 & 0.5
Silver	44.34	0.9	2.3	1	1.1	20.0	0	0	0	0	0.5	200.8	0.5
Zinc	300.00	140	120	294	125	372.9	38	0	40	17	20	200.8	20 & 5
Chromium	676.51	0	16	2	0	1255.0	0	0	3	0	10	200.8	10 & 0.5
Cyanide	18.72	0	0	11	8	5.8	0	0	0	0	10	SM4500-CN C,E	5
Arsenic	30.82	0	0	0.9	0.8	342.4	0	0	0	0	0.5	200.8	0.5
Molybdenum	27.74	0	0	8.1	6.1	N/A	0	0	0	0	--	200.8	8 & 0.5
Phenols	N/A	40	45	49	31	N/A	0	26	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 & 0.2
Thallium	N/A	0	0	0	0	N/A	0.5	0	0	0	0.5	200.8	0.5 & 0.1
Flow, MGD	N/A	7.57	4.60	4.02	4.19	N/A	7.83	5.19	3.69	4.50			
(3)													

*All parameters were sampled 4/28/10 except mercury Influent and Effluent sample date is 4/27/10.

** All parameters were sampled 7/7/10 except mercury Influent sample date is 7/8/10, phenol Effluent date is 8/19/10, and phenol Influent date is 9/1/10.

*** All Influent parameters were sampled 10/28/10 except mercury Influent sample date is 10/27/10.

**** All Effluent parameters were sampled 10/27/10 except phenols Effluent sample date is 12/28/10.

(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 TBL 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.

Influent – Table II

	Pollutant (ug/L)	7/6/2010 ug/L	Detection Level ug/L
Volatiles	acrolein	0	50.0
	acrylonitrile	0	20.0
	benzene	0	1.0
	bromoform	0	1.0
	carbon tetrachloride	0	1.0
	chlorobenzene	0	1.0
	chlorodibromomethane	0	1.0
	chloroethane	0	1.0
	2-chloroethylvinyl ether	0	10.0
	chloroform	10.1	1.0
	dichlorobromomethane	0	1.0
	1,1-dichloroethane	0	1.0
	1,2-dichloroethane	0	1.0
	1,1-dichloroethylene	0	1.0
	1,2-dichloropropane	0	1.0
	cis-1,3-dichloropropylene	0	1.0
	trans-1,3-dichloropropylene	0	1.0
	ethylbenzene	1.3	1.0
	methyl bromide*	0.1	1.0
	methyl chloride**	0	1.0
	methylene chloride	0	1.0
	1,1,2,2-tetrachloroethane	0	1.0
	tetrachloroethylene	0	1.0
	toluene	4.5	1.0
	1,2-trans-dichloroethylene	0	1.0
	1,1,1-trichloroethane	0	1.0
	1,1,2-trichloroethane	0	1.0
	trichloroethylene	0	1.0
vinyl chloride	0	1.0	

	Pollutant (ug/L)	7/6/2010 ug/L	Detection Level ug/L
Acids	2-chlorophenol	0	56.8
	2,4-dichlorophenol	0	56.8
	2,4-dimethylphenol	0	56.8
	4,6-dinitro-o-cresol	0	284
	2,4-dinitrophenol	0	568
	2-nitrophenol	0	56.8
	4-nitrophenol	0	56.8
	p-chloro-m-cresol	0	56.8
	pentachlorophenol	0	56.8
	phenol	0	56.8
2,4,6-trichlorophenol	0	56.8	
Base/Neutral	acenaphthene	0	56.8
	acenaphthylene	0	56.8
	anthracene	0	56.8
	benzidine	0	568
	benzo(a)anthracene	0	56.8
	benzo(a)pyrene	0	56.8
	3,4-benzofluoranthene	0	56.8
	benzo(g,h,i)perylene	0	56.8
	benzo(k)fluoranthene	0	56.8
	bis(2-chloroethoxy)methane	0	56.8
	bis(2-chloroethyl)ether	0	68.2
	bis(2-chloroisopropyl)ether	0	68.2
	bis(2-ethylhexyl)phthalate	0	56.8
	4-bromophenyl phenyl ether	0	56.8
	butylbenzyl phthalate	0	56.8
	2-chloronaphthalene	0	56.8
	4-chlorophenyl phenyl ether	0	56.8
	chrysene	0	56.8

* Lab reported a result of 1.7 with a method blank of 1.6. Lab considers this 0.1 the reportable result.

** Lab reported a result of 1.2 with a method blank of 1.3. Lab considers this a non-detect result.

Influent – Table II (con't)

	Pollutant (ug/L)	7/6/2010 ug/L	Detection Level ug/L
Base/Neutral	dibenzo(a,h)anthracene	0	56.8
	1,2-dichlorobenzene	0	1.0
	1,3-dichlorobenzene	0	1.0
	1,4-dichlorobenzene	1.8	1.0
	3,3'-dichlorobenzidine	0	56.8
	diethyl phthalate	0	56.8
	dimethyl phthalate	0	56.8
	di-n-butyl phthalate	0	56.8
	2,4-dinitrotoluene	0	68.2
	2,6-dinitrotoluene	0	56.8
	di-n-octyl phthalate	0	56.8
	1,2-diphenylhydrazine	0	90.9
	fluoranthene	0	56.8
	fluorene	0	56.8
	hexachlorobenzene	0	56.8
	hexachlorobutadiene	0	56.8
	hexachlorocyclopentadiene	0	56.8
	hexachloroethane	0	56.8
	indeno(1,2,3-cd)pyrene	0	56.8
	isophorone	0	56.8
	naphthalene	0	56.8
	nitrobenzene	0	56.8
	N-nitrosodimethylamine	0	56.8
	N-nitrosodi-n-propylamine	0	56.8
	N-nitrosodiphenylamine	0	56.8
	phenanthrene	0	56.8
	pyrene	0	56.8
	1,2,4-trichlorobenzene	0	56.8

	Pollutant (ug/L)	7/6/2010 ug/L	Detection Level ug/L
Pesticides	aldrin	0	0.010
	alpha-BHC	0	0.050
	beta-BHC	0	0.050
	gamma-BHC	0	0.050
	delta-BHC	0	0.050
	chlordan	0	0.200
	4,4'-DDT	0	0.020
	4,4'-DDE	0	0.100
	4,4'-DDD	0	0.100
	dieldrin	0	0.200
	alpha-endosulfan	0	0.010
	beta-endosulfan	0	0.020
	endosulfan sulfate	0	0.100
	endrin	0	0.020
	endrin aldehyde	0	0.100
	heptachlor	0	0.010
	heptachlor epoxide	0	0.010
	PCB 1242	0	0.200
	PCB 1254	0	0.200
	PCB 1221	0	0.200
	PCB 1232	0	0.200
	PCB 1248	0	0.200
	PCB 1260	0	0.200
	PCB 1016	0	0.200
	toxaphene	0	0.300

Effluent – Table II

	Pollutant (ug/L)	7/7/2010 ug/L	Detection Level ug/L
Volatiles	acrolein	0	50.0
	acrylonitrile	0	20.0
	benzene	0	1.0
	bromoform	0	1.0
	carbon tetrachloride	0	1.0
	chlorobenzene	0	1.0
	chlorodibromomethane	0	1.0
	chloroethane	0	1.0
	2-chloroethylvinyl ether	0	10.0
	chloroform	0	1.0
	dichlorobromomethane	0	1.0
	1,1-dichloroethane	0	1.0
	1,2-dichloroethane	0	1.0
	1,1-dichloroethylene	0	1.0
	1,2-dichloropropane	0	1.0
	cis-1,3-dichloropropylene	0	1.0
	trans-1,3-dichloropropylene	0	1.0
	ethylbenzene	0	1.0
	methyl bromide*	0	1.0
	methyl chloride	0	1.0
	methylene chloride	0	1.0
	1,1,2,2-tetrachloroethane	0	1.0
	tetrachloroethylene	0	1.0
	toluene	0	1.0
	1,2-trans-dichloroethylene	0	1.0
	1,1,1-trichloroethane	0	1.0
	1,1,2-trichloroethane	0	1.0
	trichloroethylene	0	1.0
vinyl chloride	0	1.0	

	Pollutant (ug/L)	7/7/2010 ug/L	Detection Level ug/L
Acids	2-chlorophenol	0	5.0
	2,4-dichlorophenol	0	5.0
	2,4-dimethylphenol	0	5.0
	4,6-dinitro-o-cresol	0	25.0
	2,4-dinitrophenol	0	50.0
	2-nitrophenol	0	5.0
	4-nitrophenol	0	5.0
	p-chloro-m-cresol	0	5.0
	pentachlorophenol	0	5.0
	phenol	0	5.0
	2,4,6-trichlorophenol	0	5.0
Base/Neutral	acenaphthene	0	5.0
	acenaphthylene	0	5.0
	anthracene	0	5.0
	benzidine	0	50.0
	benzo(a)anthracene	0	5.0
	benzo(a)pyrene	0	5.0
	3,4-benzofluoranthene	0	5.0
	benzo(g,h,i)perylene	0	5.0
	benzo(k)fluoranthene	0	5.0
	bis(2-chloroethoxy)methane	0	5.0
	bis(2-chloroethyl)ether	0	6.0
	bis(2-chloroisopropyl)ether	0	6.0
	bis(2-ethylhexyl)phthalate	0	5.0
	4-bromophenyl phenyl ether	0	5.0
	butylbenzyl phthalate	0	5.0
	2-chloronaphthalene	0	5.0
	4-chlorophenyl phenyl ether	0	5.0
	chrysene	0	5.0

* Lab reported a result of 1.3 with a method blank of 1.6. Lab considers this a non-detect result.

Effluent – Table II (con't)

	Pollutant (ug/L)	7/7/2010 ug/L	Detection Level ug/L
Base/Neutral	dibenzo(a,h)anthracene	0	5.0
	1,2-dichlorobenzene	0	1.0
	1,3-dichlorobenzene	0	1.0
	1,4-dichlorobenzene	0	1.0
	3,3'-dichlorobenzidine	0	5.0
	diethyl phthalate	0	5.0
	dimethyl phthalate	0	5.0
	di-n-butyl phthalate	0	5.0
	2,4-dinitrotoluene	0	6.0
	2,6-dinitrotoluene	0	5.0
	di-n-octyl phthalate	0	5.0
	1,2-diphenylhydrazine	0	8.0
	fluoranthene	0	5.0
	fluorene	0	5.0
	hexachlorobenzene	0	5.0
	hexachlorobutadiene	0	5.0
	hexachlorocyclopentadiene	0	5.0
	hexachloroethane	0	5.0
	indeno(1,2,3-cd)pyrene	0	5.0
	isophorone	0	5.0
	naphthalene	0	5.0
	nitrobenzene	0	5.0
	N-nitrosodimethylamine	0	5.0
	N-nitrosodi-n-propylamine	0	5.0
	N-nitrosodiphenylamine	0	5.0
	phenanthrene	0	5.0
	pyrene	0	5.0
	1,2,4-trichlorobenzene	0	5.0

	Pollutant (ug/L)	7/7/2010 ug/L	Detection Level ug/L
Pesticides	aldrin	0	0.010
	alpha-BHC	0	0.050
	beta-BHC	0	0.050
	gamma-BHC	0	0.050
	delta-BHC	0	0.050
	chlordan	0	0.200
	4,4'-DDT	0	0.020
	4,4'-DDE	0	0.100
	4,4'-DDD	0	0.100
	dieldrin	0	0.020
	alpha-endosulfan	0	0.010
	beta-endosulfan	0	0.020
	endosulfan sulfate	0	0.100
	endrin	0	0.020
	endrin aldehyde	0	0.100
	heptachlor	0	0.010
	heptachlor epoxide	0	0.010
	PCB 1242	0	0.200
	PCB 1254	0	0.200
	PCB 1221	0	0.200
	PCB 1232	0	0.200
	PCB 1248	0	0.200
	PCB 1260	0	0.200
	PCB 1016	0	0.200
toxaphene	0	0.300	

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.

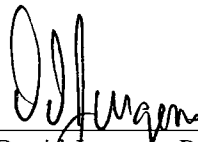
NC = Non-compliant: 1 or more violations in pretreatment year, but not SNC.

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

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: Denise Georgiou, IPC (479) 443-3292</p> <p>NPDES No.: AR0050288</p> <p>Reporting Period: January 2010 - December 2010</p> <p>Total Categorical IUs: <u> 0 </u></p> <p>Total Significant Noncategorical IUs: <u> 0 </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; margin-top: 10px;"> <u>25 May 11</u> 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.....	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		
No industrial users with significant violations												

2010 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 2010 TO December 2010
TREATMENT PLANT: City of Fayetteville Paul R. Noland WWTP NPDES PERMIT #AR0020010
AVERAGE POTW FLOW: 5.62 MGD % IU FLOW: 18.7%

METALS, CYANIDE and PHENOLS	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	Date	EPA MQL (µg/L) (1)	EPA Method Used (1)	Detection Level Achieved (µg/L)
		1/27/10*	4/15/10**	7/15/10***	11/30/10****		1/27/10*	4/15/10**	7/15/10***	11/30/10****	12/18/10			
Antimony	N/A	0	0	0	0.65	N/A	0	0	0	0	60	200.8	60 & 0.5	
Cadmium	21.2	0	0	0.29	0.38	7.0	0	0	0	0	0.5	200.8	0.5 & 0.08	
Copper	684.66	18	31	21.7	27.6	41.1	1.2	0.93	0	2.1	0.5	200.8	0.5	
Lead	39.02	1.7	2	2.1	3.2	18.7	0	0	0.12	0.29	0.5	200.8	0.5 & 0.1	
Mercury	0.03	0.021	0.046	0.0236	0.01754	0.01	0	0	0.00131	0.00114	0.005	245.7 & 1631E	0.0018 & 0.0005	
Nickel	235.34	7	7.9	5.3	5.0	422.02	3.1	5.1	2.7	2.2	0.5	200.8	0.5	
Selenium	11.16	0	0	1.1	0.82	5.6	0	0	0	0	5	200.8	5 & 0.5	
Silver	44.34	0.55	0.76	0	0.50	20.0	0	0	0	0	0.5	200.8	0.5	
Zinc	300.00	66	94	60.2	82.4	372.9	0	0	10.3	19.2	20	200.8	20 & 5	
Chromium	676.51	0	0	2	3.9	1255.0	0	0	0.5	0	10	200.8	10 & 0.5	
Cyanide	18.72	0	0	0	0	5.8	0	0	22	0	10	SM4500-CN C,E	10 & 5	
Arsenic	30.82	0.59	0	0.85	0.69	342.4	0.59	0.81	0	0	0.5	200.8	0.5	
Molybdenum	27.74	0	0	1	1.4	N/A	0	0	0.8	0.58	--	200.8	8 & 0.5	
Phenols	N/A	44	62	53	99	N/A	0	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 & 0.2	
Thallium	N/A	0	0	0	0	N/A	0	0	0	0	0.5	200.8	0.5 & 0.1	
Flow, MGD (3)	N/A	7.52	4.18	9.71	5.00	N/A	9.42	5.18	11.65	5.82	2.70			

*All parameters were sampled 1/27/10 except mercury Influent and Effluent sample date is 1/26/10.

** All parameters were sampled 4/15/10 except mercury Influent and Effluent sample date is 4/16/10.

*** All parameters were sampled 7/15/10 except mercury Influent and Effluent sample date is 7/14/10, phenols Effluent date is 8/18/10, and phenols Influent date is 9/1/10.

**** All parameters were sampled 11/30/10 except phenols Effluent sample date is 12/28/10.

(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.

Influent – Table II

	Pollutant (ug/L)	7/14/2010 ug/L	Detection Level ug/L
Volatiles	acrolein	0	50.0
	acrylonitrile	0	20.0
	benzene	0	1.0
	bromoform	0	1.0
	carbon tetrachloride	0	1.0
	chlorobenzene	0	1.0
	chlorodibromomethane	0	1.0
	chloroethane	0	1.0
	2-chloroethylvinyl ether	0	10.0
	chloroform	5.6	1.0
	dichlorobromomethane	0	1.0
	1,1-dichloroethane	0	1.0
	1,2-dichloroethane	0	1.0
	1,1-dichloroethylene	0	1.0
	1,2-dichloropropane	0	1.0
	cis-1,3-dichloropropylene	0	1.0
	trans-1,3-dichloropropylene	0	1.0
	ethylbenzene	0	1.0
	methyl bromide	0	1.0
	methyl chloride	0	1.0
	methylene chloride	2.0	1.0
	1,1,2,2-tetrachloroethane	0	1.0
	tetrachloroethylene	1.5	1.0
	toluene	0	1.0
	1,2-trans-dichloroethylene	0	1.0
	1,1,1-trichloroethane	0	1.0
	1,1,2-trichloroethane	0	1.0
	trichloroethylene	0	1.0
	vinyl chloride	0	1.0

	Pollutant (ug/L)	7/14/2010 ug/L	Detection Level ug/L
Acids	2-chlorophenol	0	5.0
	2,4-dichlorophenol	0	5.0
	2,4-dimethylphenol	0	5.0
	4,6-dinitro-o-cresol	0	25.0
	2,4-dinitrophenol	0	50.0
	2-nitrophenol	0	5.0
	4-nitrophenol	0	5.0
	p-chloro-m-cresol	0	5.0
	pentachlorophenol	0	5.0
	phenol	0	5.0
	2,4,6-trichlorophenol	0	5.0
	Base/Neutral	acenaphthene	0
acenaphthylene		0	5.0
anthracene		0	5.0
benzidine		0	50.0
benzo(a)anthracene		0	5.0
benzo(a)pyrene		0	5.0
3,4-benzofluoranthene		0	5.0
benzo(g,h,i)perylene		0	5.0
benzo(k)fluoranthene		0	5.0
bis(2-chloroethoxy)methane		0	5.0
bis(2-chloroethyl)ether		0	6.0
bis(2-chloroisopropyl)ether		0	6.0
bis(2-ethylhexyl)phthalate		23.1	5.0
4-bromophenyl phenyl ether		0	5.0
butylbenzyl phthalate		0	5.0
2-chloronaphthalene		0	5.0
4-chlorophenyl phenyl ether		0	5.0
chrysene		0	5.0

Influent – Table II (con't)

	Pollutant (ug/L)	7/14/2010 ug/L	Detection Level ug/L
Base/Neutral	dibenzo(a,h)anthracene	0	5.0
	1,2-dichlorobenzene	0	1.0
	1,3-dichlorobenzene	0	1.0
	1,4-dichlorobenzene	0	1.0
	3,3'-dichlorobenzidine	0	5.0
	diethyl phthalate	0	5.0
	dimethyl phthalate	0	5.0
	di-n-butyl phthalate	0	5.0
	2,4-dinitrotoluene	0	6.0
	2,6-dinitrotoluene	0	5.0
	di-n-octyl phthalate	0	5.0
	1,2-diphenylhydrazine	0	8.0
	fluoranthene	0	5.0
	fluorene	0	5.0
	hexachlorobenzene	0	5.0
	hexachlorobutadiene	0	5.0
	hexachlorocyclopentadiene	0	5.0
	hexachloroethane	0	5.0
	indeno(1,2,3-cd)pyrene	0	5.0
	isophorone	0	5.0
	naphthalene	0	5.0
	nitrobenzene	0	5.0
	N-nitrosodimethylamine	0	5.0
	N-nitrosodi-n-propylamine	0	5.0
	N-nitrosodiphenylamine	0	5.0
	phenanthrene	0	5.0
	pyrene	0	5.0
1,2,4-trichlorobenzene	0	5.0	

	Pollutant (ug/L)	7/14/2010 ug/L	Detection Level ug/L
Pesticides	aldrin	0	0.010
	alpha-BHC	0	0.050
	beta-BHC	0	0.050
	gamma-BHC	0	0.050
	delta-BHC	0	0.050
	chlordane	0	0.200
	4,4'-DDT	0	0.020
	4,4'-DDE	0	0.100
	4,4'-DDD	0	0.100
	dieldrin	0	0.200
	alpha-endosulfan	0	0.010
	beta-endosulfan	0	0.020
	endosulfan sulfate	0	0.100
	endrin	0	0.020
	endrin aldehyde	0	0.100
	heptachlor	0	0.010
	heptachlor epoxide	0	0.010
	PCB 1242	0	0.200
	PCB 1254	0	0.200
	PCB 1221	0	0.200
	PCB 1232	0	0.200
	PCB 1248	0	0.200
PCB 1260	0	0.200	
PCB 1016	0	0.200	
toxaphene	0	0.300	

Effluent – Table II

	Pollutant (ug/L)	7/15/2010 ug/L	Detection Level ug/L
Volatiles	acrolein	0	50
	acrylonitrile	0	20
	benzene	0	1
	bromoform	0	1
	carbon tetrachloride	0	1
	chlorobenzene	0	1
	chlorodibromomethane	0	1
	chloroethane	0	1
	2-chloroethylvinyl ether	0	10
	chloroform	0	1
	dichlorobromomethane	0	1
	1,1-dichloroethane	0	1
	1,2-dichloroethane	0	1
	1,1-dichloroethylene	0	1
	1,2-dichloropropane	0	1
	cis-1,3-dichloropropylene	0	1
	trans-1,3-dichloropropylene	0	1
	ethylbenzene	0	1
	methyl bromide	0	1
	methyl chloride	0	1
	methylene chloride	0	1
	1,1,2,2-tetrachloroethane	0	1
	tetrachloroethylene	0	1
	toluene	0	1
	1,2-trans-dichloroethylene	0	1
	1,1,1-trichloroethane	0	1
	1,1,2-trichloroethane	0	1
	trichloroethylene	0	1
	vinyl chloride	0	1

	Pollutant (ug/L)	7/15/2010 ug/L	Detection Level ug/L	
Acids	2-chlorophenol	0	5	
	2,4-dichlorophenol	0	5	
	2,4-dimethylphenol	0	5	
	4,6-dinitro-o-cresol	0	25	
	2,4-dinitrophenol	0	50	
	2-nitrophenol	0	5	
	4-nitrophenol	0	5	
	p-chloro-m-cresol	0	5	
	pentachlorophenol	0	5	
	phenol	0	5	
	2,4,6-trichlorophenol	0	5	
	Base/Neutral	acenaphthene	0	5
		acenaphthylene	0	5
anthracene		0	5	
benzidine		0	50	
benzo(a)anthracene		0	5	
benzo(a)pyrene		0	5	
3,4-benzofluoranthene		0	5	
benzo(g,h,i)perylene		0	5	
benzo(k)fluoranthene		0	5	
bis(2-chloroethoxy)methane		0	5	
bis(2-chloroethyl)ether		0	6	
bis(2-chloroisopropyl)ether		0	6	
bis(2-ethylhexyl)phthalate		16.9	5	
4-bromophenyl phenyl ether		0	5	
butylbenzyl phthalate		0	5	
2-chloronaphthalene		0	5	
4-chlorophenyl phenyl ether		0	5	
chrysene		0	5	

Effluent – Table II (con't)

	Pollutant (ug/L)	7/15/2010 ug/L	Detection Level ug/L
Base/Neutral	dibenzo(a,h)anthracene	0	5
	1,2-dichlorobenzene	0	1
	1,3-dichlorobenzene	0	1
	1,4-dichlorobenzene	0	1
	3,3'-dichlorobenzidine	0	5
	diethyl phthalate	0	5
	dimethyl phthalate	0	5
	di-n-butyl phthalate	0	5
	2,4-dinitrotoluene	0	6
	2,6-dinitrotoluene	0	5
	di-n-octyl phthalate	0	5
	1,2-diphenylhydrazine	0	8
	fluoranthene	0	5
	fluorene	0	5
	hexachlorobenzene	0	5
	hexachlorobutadiene	0	5
	hexachlorocyclopentadiene	0	5
	hexachloroethane	0	5
	indeno(1,2,3-cd)pyrene	0	5
	isophorone	0	5
	naphthalene	0	5
	nitrobenzene	0	5
	N-nitrosodimethylamine	0	5
	N-nitrosodi-n-propylamine	0	5
	N-nitrosodiphenylamine	0	5
	phenanthrene	0	5
	pyrene	0	5
	1,2,4-trichlorobenzene	0	5

	Pollutant (ug/L)	7/15/2010 ug/L	Detection Level ug/L
Pesticides	aldrin	0	0.01
	alpha-BHC	0	0.05
	beta-BHC	0	0.05
	gamma-BHC	0	0.05
	delta-BHC	0	0.05
	chlordané	0	0.2
	4,4'-DDT	0	0.02
	4,4'-DDE	0	0.1
	4,4'-DDD	0	0.1
	dieldrin	0	0.02
	alpha-endosulfan	0	0.01
	beta-endosulfan	0	0.02
	endosulfan sulfate	0	0.1
	endrin	0	0.02
	endrin aldehyde	0	0.1
	heptachlor	0	0.01
	heptachlor epoxide	0	0.01
	PCB 1242	0	0.2
	PCB 1254	0	0.2
	PCB 1221	0	0.2
	PCB 1232	0	0.2
PCB 1248	0	0.2	
PCB 1260	0	0.2	
PCB 1016	0	0.2	
toxaphene	0	0.3	

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	C	C	
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	1	24/1	NA	NA	C	C	C	
Hiland Dairy Company, 301 E. 15 th St.	2026/311511 2086/312111	NA	Y	03/01/10 Reissued	No	1	365/4	NA	NA	C	NC	C	Report 5 days late
Marshalltown Company, 2200 Industrial Drive	3423/332212	40 CFR 433	Y	12/01/08 Reissued	No	2	3/1	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.

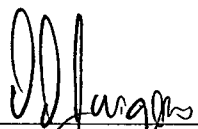
SNC = Significant Noncompliance: as defined in 40 CFR 403.8(f)(2) and the Fayetteville Sewer Use Ordinance, and calculated on rolling quarters.

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)					Nature of Violation (which limits & number of times)
			Y or N	Date & Last Action				B M R	90-Day Compliance	Semi Annual	Self Monitoring	Permit Limits	
Pinnacle Foods Corporation, 100 W 15 th St.	2038/311412	NA	Y	06/01/10 Reissued	No	1	150/4	NA	NA	C	NC	C	Missing data on 2 monthly summary reports and an incorrect total. All items were corrected.
Superior Industries International Arkansas, LLC, 1901 Borick Dr.	3714/336399	40 CFR 433	Y	11/01/08 Reissued 12/29/08 Transfer	No	1	25/1	NA	NA	C	C	C	
Tyson Foods, Inc., 2615 S. School	2038/311412 2099/31183	NA	Y	03/01/10 Reissued	No	1	365/4	NA	NA	C	C	NC	pH < 5 (4.7 & 4.7)

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: Denise Georgiou, IPC (479) 443-3292</p> <p>NPDES No.: AR0020010</p> <p>Reporting Period: January 2010 - December 2010</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td>Total Categorical IUs:</td> <td align="center">4</td> </tr> <tr> <td>Total Significant Noncategorical IUs:</td> <td align="center">4</td> </tr> <tr> <td>Total Non-Significant (yet permitted) IUs:</td> <td align="center">0</td> </tr> </table>	Total Categorical IUs:	4	Total Significant Noncategorical IUs:	4	Total Non-Significant (yet permitted) IUs:	0	<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; margin-top: 10px;"> 25 May 11 _____ Date </div>
Total Categorical IUs:	4						
Total Significant Noncategorical IUs:	4						
Total Non-Significant (yet permitted) IUs:	0						

<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.....	5	5
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	1
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

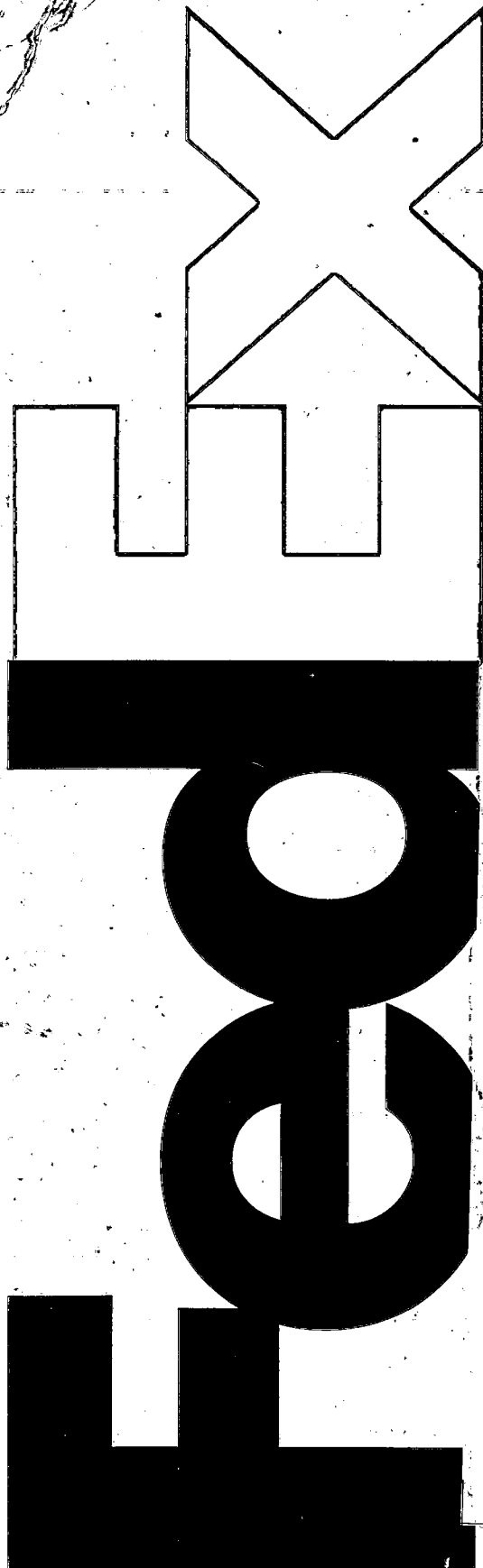
Significant Violations - Enforcement Actions Taken

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												

2010 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.



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4a Express Package Service

FedEx Priority Overnight
Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx Standard Overnight
Next business afternoon.* Saturday Delivery NOT available.

Packages up to 150 lbs.

FedEx First Overnight
Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.

FedEx 2Day
Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected. FedEx Envelope rate not available. Minimum charge: One-pound rate.

FedEx Express Saver
Third business day.* Saturday Delivery NOT available.

4b Express Freight Service

FedEx 1Day Freight*
Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx 2Day Freight
Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

Packages over 150 lbs.

FedEx 3Day Freight
Third business day.* Saturday Delivery NOT available.

5 Packaging

FedEx Envelope*

FedEx Pak*
Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.

FedEx Box

FedEx Tube
*Declared value limit \$500.

6 Special Handling

SATURDAY Delivery
Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.

HOLD Weekday at FedEx Location
Not available for FedEx First Overnight.

HOLD Saturday at FedEx Location
Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods?
One box must be checked.

No
 Yes
As per attached Shipper's Declaration.

Yes
Shipper's Declaration not required.

Dry Ice
Dry ice, 9 UN 1845.

Cargo Aircraft Only

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Sender
Acct. No. in Section 1 will be billed.

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Obtain Recip. Acct. No.

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Total Packages

Total Weight

Our liability is limited to \$100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options

If you require a signature, check Direct or Indirect.

No Signature Required
Package may be left without obtaining a signature for delivery.

Direct Signature
Someone at recipient's address may sign for delivery. Fee applies.

Indirect Signature
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. Fee applies.

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