ADEQ

ARKANSAS
Department of Environmental Quality

July 10, 2009

Denise Georgiou
Industrial Pretreatment Coordinator
City of Fayetteville
1400 N Fox Hunter Road
Fayetteville, Arkansas 72701

Re: City of Fayetteville 2008 Annual Report
(Permit No. AR0020010, AFIN 72-00102)

Dear Ms. Georgiou:

The department has reviewed the City's 2008 Annual Report. The report has been deemed "complete" but the department has the following concerns and recommendations:

1. Even though the City submitted "four" separate analyses, the analyses were not performed in each quarter. The original permit specified semi-annual sampling. The permit was later modified to require quarterly sampling. In the future please take samples in each calendar quarter (Jan-Mar, Apr-Jun, Jul-Sep & Oct-Dec).

2. Even though the report was "complete", the report was missing some preferred details. For example, "Attachment C" in the 2008 report did not show the cause of the non-compliance. The City is not required to use the department forms, but by using the department forms the additional detailed information could more readily be supplied.

3. We discussed the "Pretreatment Performance Summary" for indicating the number of SIUs with permits last year after I reviewed your 2007 Annual Report. In the 2008 report you have shown correctly that OMI has permitted all five CIUs but you listed "0/0" for the "Noncategorical" SIUs. You should have listed "4/4" for the Noncategorical SIUs.

4. In reference to Allen's 1-14-2009 email, you are not required to show "0" for non-detects on the influent but I encourage you to use the same procedure for both the influent and effluent. Since you are listing "0" for non-detects on the effluent, please use this same procedure for the influent for consistency in reporting.

5. You can submit "extra" information in your report but you are required to submit only these pages:

   Cover Letter
   List of SIUs in SNC (If applicable)
   Influent/Effluent Chart
   Attachment A (Updated SIU List)
   Attachment B (Enf Actions)
   Attachment C (PPS)

I plan to perform an audit on the City of Fayetteville pretreatment program in October 2009. I look forward to seeing you again at this time.

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

Sincerely,

Rufus Torrence,
ADEQ Engineer

Enclosures: Inf/Eff Chart
Attachments A, B & C

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: _____, 20__ TO _____, 20____
TREATMENT PLANT: City of _____ NPDES PERMIT #AR00_____
AVERAGE POTW FLOW: ___MGD___ % IU FLOW: ___%

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)
Antimony	N/A					N/A					60		
Cadmium											0.5		
Copper											0.5		
Lead											0.5		
Mercury											.005		
Nickel											0.5		
Selenium											5		
Silver											0.5		
Zinc											20		
Chromium											10		
Cyanide											10		
Arsenic											0.5		
Molybdenum						N/A					--		
Phenols	N/A					N/A					5		
Beryllium											0.5		
Thallium	N/A					N/A					0.5		
Flow, MGD	N/A					N/A							
(3)													

ATTACHMENT A

PRETREATMENT PROGRAM STATUS REPORT

UPDATED SIGNIFICANT INDUSTRIAL USERS LIST

Industrial User Name	NAICS Code	40 CFR XXX or N/A	Control Document		New User	Times Inspected	Times Sampled	Compliance Status (**C, NC, or SNC**)				Permit Limits
								Reports				
			Y/N	Last Action				BMR	90-day Compliance	Semi Annual	Self Monitoring	

ATTACHMENT B

SIGNIFICANT VIOLATIONS - ENFORCEMENT ACTIONS TAKEN

Industrial User Name	Nature of Violation		Number of Action Taken					Penalties Collected	Compliance Schedule		Current Status	Comments
	Reports	Limits	N.O.V.	A.O.	Civil	Criminal	Other		Date Issued	Date Due		

ATTACHMENT C

PRETREATMENT PERFORMANCE SUMMARY (PPS)

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 Name _____

Address _____

City _____ State/Zip _____

Contact Person _____ Position _____

Contact Telephone _____ NPDES Permit Nos. _____

Reporting Period _____ _____

(Beginning Month and Year) (Ending Month and Year)

Total Number of Categorical IUs _____

Total Number of Significant Noncategorical IUs _____

Total Number of Non-Significant (yet permitted) IUs _____

II. Significant Industrial User Compliance

	SIGNIFICANT INDUSTRIAL USERS	
	Categorical	NonCategorical
1) No. of SIUs Submitting BMRs/Total No. Required.	__/__	N/A*
2) No. of SIUs Submitting 90-Day Compliance Reports/No. Required.	__/__	N/A*
3) No. of SIUs Submitting Semiannual Reports/ Total No. Required.	__/__	__/__
4) No. of SIUs Meeting Compliance Schedule/ Total No. Required to Meet Schedule	__/__	__/__
5) No. of SIUs in Significant Noncompliance/ Total No. of SIUs	__/__	__/__
6) Rate of Significant Noncompliance for all SIUs (categorical and noncategorical) . .		__/__

III. Compliance Monitoring Program

	SIGNIFICANT INDUSTRIAL USERS Categorical	NonCategorical
1) No. of Control Documents Issued/Total No. Required.	__/__	__/__
2) No. of Nonsampling Inspections Conducted. .	__/__	__/__
3) No. of Sampling Visits Conducted.	__/__	__/__
4) No. of Facilities Inspected (nonsampling) .	__/__	__/__
5) No. of Facilities Sampled	__/__	__/__

IV. Enforcement Actions

	SIGNIFICANT INDUSTRIAL USERS Categorical	NonCategorical
1) No. of Compliance Schedules Issued/No. of Schedules Required	__/__	__/__
2) No. of Notices of Violations Issued to SIUs	____	____
3) No. of Administrative Orders Issued to SIUs	____	____
4) No. of Civil Suits Filed.	____	____
5) No. of Criminal Suits Filed	____	____
6) No. of Significant Violators (attach newspaper publication).	____	____
7) Amount of Penalties (not surcharges) Collected (total dollars/IUs assessed) . . .	__/__	__/__
8) Other Actions (sewer bans, etc.).	____	____

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.

_____

Authorized Representative Date _____

Inf/Eff logged
IC IS Coded
ANIRT updated
IU's checked
RM

AR0020010
AR0050288

RT

0951

MAY 29 2009

MH

CITY OF FAYETTEVILLE, AR

CITY OF FAYETTEVILLE PAUL R. NOLAND WWTP

INDUSTRIAL PRETREATMENT PROGRAM ANNUAL REPORT

NPDES PERMIT # AR0020010

PROGRAM YEAR
January 2008 - December 2008

Submitted by:

City of Fayetteville
113 W. Mountain Ave.
Fayetteville, AR 72701
(479) 575-8330
(479) 575-8257 Fax

David Jurgens, P.E.
Utilities Department Director

May 2009

Reporting Year: January 1, 2008 – December 31, 2008
City of Fayetteville Paul R. Noland WWTP NPDES Permit # AR0020010
Average POTW Flow: 9.67 MGD %IU Flow: 12.8 %

Laboratory Analysis for Effluent			
Metals and Cyanide	EPA Method Used	Detection Level Achieved (µg/l)	Detection Level Required (From A. Gilliam email attachment 1/26/09) (µg/l)
Antimony, Total Recoverable	200.8	60	60
Arsenic, Total Recoverable	200.8	0.5	0.5
Beryllium, Total Recoverable	200.8	0.5	0.5
Cadmium, Total Recoverable	200.8	0.5	0.5
Chromium, Total Recoverable	200.8	10	10
Copper, Total Recoverable	200.8	0.5	0.5
Lead, Total Recoverable	200.8	0.5	0.5
Mercury, Total Recoverable	245.7	0.0018	0.005
Nickel, Total Recoverable	200.8	0.5	0.5
Selenium, Total Recoverable	200.8	5	5
Silver, Total Recoverable	200.8	0.5	0.5
Thallium, Total Recoverable	200.8	0.5	0.5
Zinc, Total Recoverable	200.8	20	20
Cyanide, Total Recoverable	SM4500-CN C,E	5	10
Phenols, Total Recoverable	420.1	5	5

Monitoring Results (1) for the Annual Pretreatment Report
Reporting Year: January 1, 2008 - December 31, 2008
City of Fayetteville Paul R. Noland WWTP NPDES Permit # AR0020010
Average POTW Flow: 9.67 MGD %IU Flow: 12.8 %

Metals, Cyanide, & Phenols	MAHL lb/day (3) & (4)	Influent (ug/l) (2) Dates Sampled						
		01/28/08	02/26/08	08/14/08	08/15/08	12/08/08	12/17/08	12/29/08
Antimony			<60		<60	<60	<60	
Arsenic	13.83		<0.5		0.8	<0.5	<0.5	
Beryllium			<0.5		<0.5	<0.5	<0.5	
Cadmium	0.44		<0.5		<0.5	0.54	<0.5	
Chromium	10.82		<10		<10	<10	<10	
Copper	6.10	80	57		15	44	37	
Lead	3.18		1.7		1.6	3.4	2.0	
Mercury	0.0018		0.014	0.014		<0.0018		<0.0018
Nickel	6.61		7.6		5.9	9.4	7.6	
Selenium			<5		<5	<5	<5	
Silver	24.96		1.5		0.6	1.2	1.3	
Thallium			<0.5		<0.5	<0.5	<0.5	
Zinc	36.60		100		60	120	90	
Cyanide	0.60		<5		<5	<5	<5	
Phenols			67		69	82	77	
Flow, MGD		10.02	13.86	4.77	7.04	4.32	5.59	5.43
(5)								

As requested by the State Pretreatment Coordinator in 1/26/09 emails:
Results less than the detection limit are reported as "<[number]"

(1) It is advised that the influent and effluent samples are collected considering flow detention time through each plant.
Analytical MQLs should be used so that the data can also be used for Local Limits assessments and NPDES application purposes.

(2) Indicate reported unit of measure.

(3) This value was calculated during development of TBLL and based on State Water Quality Standards and implementation procedures.

(4) This can be reported in ppm (mg/l), ppb, lb/day.

(5) Record the name of any pollutants [40 CFR 122, Appendix D, Table II and/or Table V] detected and the quantity in which they were detected.
(See next two tables in this report, influent and effluent organics, for 40 CFR 122, Appendix D, Table II data)

Monitoring Results (1) for the Annual Pretreatment Report
Reporting Year: January 1, 2008 - December 31, 2008
City of Fayetteville Paul R. Noland WWTP NPDES Permit # AR0020010
Average POTW Flow: 9.67 MGD %IU Flow: 12.8 %

Metals, Cyanide, & Phenols	WQ Level/Limit (ug/l) (3) & (4)	Effluent (mg/l) (2) Dates Sampled						
		02/25/08	02/26/08	08/14/08	08/15/08	12/08/08	12/16/08	12/17/08
Antimony			0		0	0		0
Arsenic	340		0		0	0		0
Beryllium			0		0	0		0
Cadmium	7		0		0	0		0
Chromium	1260		0		0	0		0
Copper	40		4.5		0.8	2.2		2.3
Lead	20		0		0	0		0
Mercury	0.01	0.0018		0.0024		0	0	
Nickel	420		6.4		5.1	4.9		4.1
Selenium			0		0	0		0
Silver	20		0		0	0		0
Thallium			0		0	0		0
Zinc	370		44		0	0		0
Cyanide	10		0		0	0		0
Phenols			30		0	0		0
Flow, MGD		14.34	13.86	9.05	9.63	4.82	3.46	3.89
(5)								

As requested by the State Pretreatment Coordinator in 1/26/09 emails:
Results less than the detection limit that are at or below the EPA required MQL are reported as "0".
Results less than the detection limit that are above the EPA required MQL are reported as "<[number]" with a footnote stating that was the lab's lowest achievable MQL the analyte was not detected at.

(1) It is advised that the influent and effluent samples are collected considering flow detention time through each plant.
Analytical MQLs should be used so that the data can also be used for Local Limits assessments and NPDES application purposes.
(2) Indicate reported unit of measure.
(3) This value was calculated during development of TBLL and based on State Water Quality Standards and implementation procedures.
(4) This can be reported in ppm (mg/l), ppb, lb/day.
(5) Record the name of any pollutants [40 CFR 122, Appendix D, Table II and/or Table V] detected and the quantity in which they were detected.
(See next two tables in this report, influent and effluent organics, for 40 CFR 122, Appendix D, Table II data)

less than	Pollutant (ug/l)	8/15/2008 ug/L
Volatiles	acrolein	50
	acrylonitrile	20
	benzene	4.4
	bromoform	4.7
	carbon tetrachloride	2
	chlorobenzene	6
	chlorodibromomethane	3.1
	chloroethane	8.7
	2-chloroethylvinyl ether	5.1
	chloroform	8.7
	dichlorobromomethane	2.2
	1,1-dichloroethane	4.7
	1,2-dichloroethane	2.8
	1,1-dichloroethylene	2.8
	1,2-dichloropropane	6
	cis-1,3-dichloropropylene	5
	trans-1,3-dichloropropylene	1.3
	ethylbenzene	7.2
	methyl bromide	8.9
	methyl chloride	7.8
	methylene chloride	10
	1,1,2,2-tetrachloroethane	6.9
	tetrachloroethylene	4.1
	toluene	6.5
	1,2-trans-dichloroethylene	1.6
	1,1,1-trichloroethane	3.8
	1,1,2-trichloroethane	5
	trichloroethylene	1.9
	vinyl chloride	6.4
Acids	2-chlorophenol	3.3
	2,4-dichlorophenol	2.7
	2,4-dimethylphenol	2.7
	4,6-dinitro-o-cresol	24
	2,4-dinitrophenol	42
	2-nitrophenol	3.6
	4-nitrophenol	2.4
	p-chloro-m-cresol	3
	pentachlorophenol	3.6
	phenol	11
	2,4,6-trichlorophenol	2.7
Base/Neutral	acenaphthene	1.9
	acenaphthylene	3.5
	anthracene	1.9
	benzidine	44
	benzo(a)anthracene	5
	benzo(a)pyrene	2.5
	3,4-benzofluoranthene	4.8
	benzo(g,h,i)perylene	4.1
	benzo(k)fluoranthene	2.5
	bis(2-chloroethoxy)methane	5.3
	bis(2-chloroethyl)ether	5.7
	bis(2-chloroisopropyl)ether	5.7
	bis(2-ethylhexyl)phthalate	6.5
	4-bromophenyl phenyl ether	1.9
	butylbenzyl phthalate	2.5
	2-chloronaphthalene	1.9

less than	Pollutant (ug/l)	8/15/2008 ug/l
Base/Neutral	4-chlorophenyl phenyl ether	4.2
	chrysene	2.5
	dibenzo(a,h)anthracene	2.5
	1,2-dichlorobenzene	1.9
	1,3-dichlorobenzene	1.9
	1,4-dichlorobenzene	4.4
	3,3'-dichlorobenzidine	5
	diethyl phthalate	5.7
	dimethyl phthalate	1.6
	di-n-butyl phthalate	2.5
	2,4-dinitrotoluene	5.7
	2,6-dinitrotoluene	1.9
	di-n-octyl phthalate	2.5
	1,2-diphenylhydrazine	11
	fluroranthene	2.2
	fluorene	1.9
	hexachlorobenzene	1.9
	hexachlorobutadiene	0.9
	hexachlorocyclopentadiene	5
	hexachloroethane	1.6
	indeno(1,2,3-cd)pyrene	3.7
	isophorone	2.2
	naphthalene	1.6
	nitrobenzene	1.9
	N-nitrosodimethylamine	0.96
	N-nitroso-di-n-propylamine	0.84
	N-nitrosodiphenylamine	1.9
	phenanthrene	5.4
	pyrene	1.9
	1,2,4-trichlorobenzene	1.9
Pesticides	aldrin	0.04
	alpha-BHC	0.03
	beta-BHC	0.06
	gamma-BHC (lindane)	0.04
	delta-BHC	0.09
	chlordane	0.14
	4,4'-DDT	0.12
	4,4'-DDE	0.04
	4,4'-DDD	0.11
	dieldrin	0.02
	alpha-endosulfan	0.14
	beta-endosulfan	0.04
	endosulfan sulfate	0.66
	endrin	0.06
	endrin aldehyde	0.23
	heptachlor	0.03
	heptachlor epoxide	0.1
	PCB 1242	0.6
	PCB 1254	2
	PCB 1221	2
	PCB 1232	0.5
	PCB 1248	0.7
	PCB 1260	0.6
	PCB 1016	0.7
	toxaphene	2.4

Attachment C
Pretreatment Program Status Report
Updated Significant Industrial Users List

Industrial User	SIC Code/ NAICS Code	Categorical Determination	Control Document		New User or Newly ID	Times Inspected	Times Sampled (SIU+POTW/ POTW sampling)	Compliance Status[1]				
								Reports				
			Y/N	Effective Date/ Action				BMR	90-Day Compliance	Semi Annual	Self Monitoring	Effluent Limits
Ayrshire Electronics, LLC, 1101 S. Beechwood Ave.	3672/334412	Non-Categorical	Y	030108/ Reissued	No	2	13/1	N/A	N/A	C	C	C
Custom Powder Coating Services, Inc, 1629 W. Farmington	3479/332812	40 CFR 433	Y	1/1/08/ Issued	No	2	3/1	C	C	C	C	C
Elkhart Products Corporation, 3265 Hwy 71 S.	3498/332996 3351/331421 3366/331525 3432/332913	40 CFR 468	Y	090108/ Reissued	No	1	25/1	N/A	N/A	C	C	C
Hiland Dairy Company, 301 E. 15th St.	2026/311511 2086/312111	Non-Categorical	Y	030105/ Reissued	No	1	366/4	N/A	N/A	C	C	NC
K-D Tools (Danaher Tool Group), 2900 City Lake Road	3423/332212	40 CFR 433	Y	090106/ Reissued	No	1	52/1	N/A	N/A	C	C	C

[1] N/A = Not Applicable
C = Compliant: no violations in pretreatment year.
NC = Noncompliant: 1 or more violations in pretreatment year, but not SNC.
SN = Significant Noncompliance: as defined in 40 CFR 403.8(f)(2) and calculated on rolling quarters.

Attachment C
Pretreatment Program Status Report
Updated Significant Industrial Users List

Industrial User	SIC Code/ NAICS Code	Categorical Determination	Control Document		New User or Newly ID	Times Inspected	Times Sampled (SIU+POTW/ POTW sampling)	Compliance Status[1]				
								Reports				
			Y/N	Effective Date/ Action				BMR	90-Day Compliance	Semi Annual	Self Monitoring	Effluent Limits
Marshalltown Company, 2200 Industrial Drive	3423/332212	40 CFR 433	Y	120108/ Reissued	No	1	7/1	N/A	N/A	C	C	C
Pinnacle Foods Corporation, 100 W 15th St.	2038/311412	Non-Categorical	Y	060105/ Reissued	No	1	156/4	N/A	N/A	C	C	NC
Superior Industries International Arkansas, LLC, 1901 Borick Dr.	3714/336399	40 CFR 433	Y	110108/ Reissued	No	1	93/1	N/A	N/A	C	C	C
Tyson Foods, Inc., 2615 S. School	2038/311412 2099/31183	Non-Categorical	Y	030105/ Reissued	No	1	366/4	N/A	N/A	C	C	C

Attachment E

Significant Violators - Enforcement Actions Taken

Industrial User	Nature of Violation		Number of Actions Taken					Penalties Collected	Compliance Schedule to meet effluent limits		Current Status	Comments
	Reports	Limits	N.O.V.	A.O.	Civil	Criminal	Other		Date Issued	Date Due		
No industrial users with significant violations												

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**
Reporting Period: January 2008 - December 2008

Total Categorical IUs:	5
Total Significant Noncategorical IUs:	4
Total Non-Significant (yet permitted) IUs:	0

The following certification must be signed in order for this form to be considered complete:

I certify that the information contained herein is complete and accurate to the best of my knowledge.

David Jurgens, P.E. — 28 May 09 (Date)
Utilities Department Director
Authorized Representative

II. Significant Industrial User Compliance

	Significant Industrial Users	
	Categorical	Noncategorical
1) No. of SIUs submitting BMRs/No. Required	1 / 1	N/A
2) No. of SIUs submitting 90-Day Compliance Reports/No. Required	1 / 1	N/A
3) No. of SIUs submitting Semiannual Report/No. Required	5 / 5	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 / 5	0 / 4
6) Rate of Significant Noncompliance for all SIUs (categorical and noncategorical)	0 / 9	

III. Compliance Monitoring Program

1) No. of Control Documents Issued/No. Required	5 / 5	4/4 0 / 0
2) No. of Nonsampling inspections Conducted	6	5
3) No. of Sampling Visits Conducted	5	13
4) No. of Facilities Inspected (nonsampling)	5	4
5) No. of Facilities Sampled	5	4

IV. Enforcement Actions

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

CITY OF FAYETTEVILLE, AR

CITY OF FAYETTEVILLE WEST SIDE WWTP

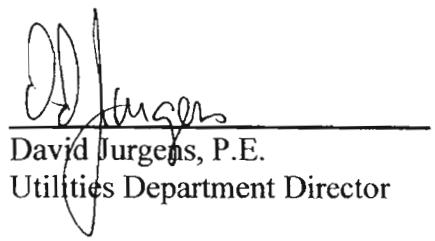
INDUSTRIAL PRETREATMENT PROGRAM ANNUAL REPORT

NPDES PERMIT # AR0050288

PROGRAM YEAR
January 2008 - December 2008

Submitted by:

City of Fayetteville
113 W. Mountain Ave.
Fayetteville, AR 72701
(479) 575-8330
(479) 575-8257 Fax



David Jurgens, P.E.
Utilities Department Director

May 2009

Reporting Year: January 1, 2008 – December 31, 2008
City of Fayetteville West Side WWTP NPDES Permit # AR0050288
Average POTW Flow: 5.07 MGD %IU Flow: 0 %

Laboratory Analysis for Effluent			
Metals and Cyanide	EPA Method Used	Detection Level Achieved (µg/l)	Detection Level Required (From A. Gilliam email attachment 1/26/09) (µg/l)
Antimony, Total Recoverable	200.8	60	60
Arsenic, Total Recoverable	200.8	0.5	0.5
Beryllium, Total Recoverable	200.8	0.5	0.5
Cadmium, Total Recoverable	200.8	0.5	0.5
Chromium, Total Recoverable	200.8	10	10
Copper, Total Recoverable	200.8	0.5	0.5
Lead, Total Recoverable	200.8	0.5	0.5
Mercury, Total Recoverable	245.7	0.0018	0.005
Nickel, Total Recoverable	200.8	0.5	0.5
Selenium, Total Recoverable	200.8	5	5
Silver, Total Recoverable	200.8	0.5	0.5
Thallium, Total Recoverable	200.8	0.5	0.5
Zinc, Total Recoverable	200.8	20	20
Cyanide, Total Recoverable	SM4500-CN C,E	5	10
Phenols, Total Recoverable	420.1	5	5

Monitoring Results (1) for the Annual Pretreatment Report
Reporting Year: January 1, 2008 - December 31, 2008
Treatment Plant: Fayetteville Municipal Pollution Control Facility NPDES Permit # AR0050288
Average POTW Flow: 5.07 MGD %IU Flow: 0 %

Metals, Cyanide, & Phenols	MAHL lb/day (3) & (4)	Influent (ug/l) (2) Dates Sampled				
		06/26/08	06/27/08	09/17/08	09/18/08	12/12/08
Antimony		<60			<30	<60
Arsenic	13.83	0.74			<0.5	<0.5
Beryllium		<0.5			<0.20	<0.5
Cadmium	0.44	<0.5			0.26	<0.5
Chromium	10.82	<10			<7	<10
Copper	6.10	42			26	36
Lead	3.18	3.6			2	1.6
Mercury	0.0018		<0.0018	0.016		0.0076
Nickel	6.61	10			6.6	5.7
Selenium		<5			<2	<5
Silver	24.96	2.1			1.3	3.1
Thallium		<0.5			<0.5	<0.5
Zinc	36.60	200			75	110
Cyanide	0.60	5.00			<5	<5
Phenols		130			17	53
Flow, MGD		4.35	3.67	7.27	7.05	4.92
(5)						

As requested by the State Pretreatment Coordinator in 1/26/09 emails:
Results less than the detection limit are reported as "<[number]"
The West Side POTW came online in June 2008.

(1) It is advised that the influent and effluent samples are collected considering flow detention time through each plant.
Analytical MQLs should be used so that the data can also be used for Local Limits assessments and NPDES application purposes.

(2) Indicate reported unit of measure.

(3) This value was calculated during development of TBLL and based on State Water Quality Standards and implementation procedures.

(4) This can be reported in ppm (mg/l), ppb, lb/day.

(5) Record the name of any pollutants [40 CFR 122, Appendix D, Table II and/or Table V] detected and the quantity in which they were detected.
(See next two tables in this report, influent and effluent organics, for 40 CFR 122, Appendix D, Table II data)

Monitoring Results (1) for the Annual Pretreatment Report
Reporting Year: January 1, 2008 - December 31, 2008
Treatment Plant: Fayetteville Municipal Pollution Control Facility NPDES Permit # AR0050288
Average POTW Flow: 5.07 MGD %IU Flow: 0 %

Metals, Cyanide, & Phenols	WQ Level/Limit (ug/l) (3) & (4)	Effluent (ug/l) (2) Dates Sampled			
		06/26/08	09/17/08	09/18/08	12/12/08
Antimony		0		0	0
Arsenic	340	0		0	0
Beryllium		0		0	0
Cadmium	7	0		0	0
Chromium	1260	0		0	0
Copper	40	1.1		4.6	3.4
Lead	20	0		0	0.81
Mercury	0.01	∅ <0.0018	∅ <0.0018		∅ <0.0018
Nickel	420	3.7		4.7	2.7
Selenium		0		0	0
Silver	20	0		0	0
Thallium		0		0	0
Zinc	370	25		31	37
Cyanide	10	0		0	0
Phenols		0		9.1	0
Flow, MGD		4.52	6.37	5.47	4.72
(5)					

As requested by the State Pretreatment Coordinator in 1/26/09 emails:

Results less than the detection limit that are at or below the EPA required MQL are reported as "0".

Results less than the detection limit that are above the EPA required MQL are reported as "<[number]" with a footnote stating that was the lab's lowest achievable MQL the analyte was not detected at.

The West Side POTW came online in June 2008.

(1) It is advised that the influent and effluent samples are collected considering flow detention time through each plant.
Analytical MQLs should be used so that the data can also be used for Local Limits assessments and NPDES application purposes.

(2) Indicate reported unit of measure.

(3) This value was calculated during development of TBLL and based on State Water Quality Standards and implementation procedures.

(4) This can be reported in ppm (mg/l), ppb, lb/day.

(5) Record the name of any pollutants [40 CFR 122, Appendix D, Table II and/or Table V] detected and the quantity in which they were detected.
(See next two tables in this report, influent and effluent organics, for 40 CFR 122, Appendix D, Table II data)

less than	Pollutant	9/18/2008 ug/L
Volatiles	acrolein	50
	acrylonitrile	20
	benzene	4.4
	bromoform	4.7
	carbon tetrachloride	2
	chlorobenzene	6
	chlorodibromomethane	3.1
	chloroethane	8.7
	2-chloroethylvinyl ether	5.1
	chloroform	4.9
	dichlorobromomethane	2.2
	1,1-dichloroethane	4.7
	1,2-dichloroethane	2.8
	1,1-dichloroethylene	2.8
	1,2-dichloropropane	6
	cis-1,3-dichloropropylene	5
	trans-1,3-dichloropropylene	1.3
	ethylbenzene	7.2
	methyl bromide	8.9
	methyl chloride	7.8
	methylene chloride	10
	1,1,2,2-tetrachloroethane	6.9
	tetrachloroethylene	4.1
	toluene	6
	1,2-trans-dichloroethylene	1.6
	1,1,1-trichloroethane	3.8
	1,1,2-trichloroethane	5
	trichloroethylene	1.9
	vinyl chloride	6.4
Acids	2-chlorophenol	3.3
	2,4-dichlorophenol	2.7
	2,4-dimethylphenol	2.7
	4,6-dinitro-o-cresol	24
	2,4-dinitrophenol	42
	2-nitrophenol	3.6
	4-nitrophenol	2.4
	p-chloro-m-cresol	3
	pentachlorophenol	3.6
	phenol	1.9
	2,4,6-trichlorophenol	2.7
Base/Neutral	acenaphthene	1.9
	acenaphthylene	3.5
	anthracene	1.9
	benzidine	44
	benzo(a)anthracene	5
	benzo(a)pyrene	2.5
	3,4-benzofluoranthene	4.8
	benzo(g,h,i)perylene	4.1
	benzo(k)fluoranthene	2.5
	bis(2-chloroethoxy)methane	5.3
	bis(2-chloroethyl)ether	5.7
	bis(2-chloroisopropyl)ether	5.7
	bis(2-ethylhexyl)phthalate	12
	4-bromophenyl phenyl ether	1.9
	butylbenzyl phthalate	2.5
	2-chloronaphthalene	1.9

less than	Pollutant	9/18/2008 ug/l
Base/Neutral	4-chlorophenyl phenyl ether	4.2
	chrysene	2.5
	dibenzo(a,h)anthracene	2.5
	1,2-dichlorobenzene	1.9
	1,3-dichlorobenzene	1.9
	1,4-dichlorobenzene	4.4
	3,3'-dichlorobenzidine	5
	diethyl phthalate	5.2
	dimethyl phthalate	1.7
	di-n-butyl phthalate	2.5
	2,4-dinitrotoluene	5.7
	2,6-dinitrotoluene	1.9
	di-n-octyl phthalate	2.5
	1,2-diphenylhydrazine	11
	fluroranthene	2.2
	fluorene	1.9
	hexachlorobenzene	1.9
	hexachlorobutadiene	0.9
	hexachlorocyclopentadiene	5
	hexachloroethane	1.6
	indeno(1,2,3-cd)pyrene	3.7
	isophorone	2.2
	naphthalene	1.6
	nitrobenzene	1.9
	N-nitrosodimethylamine	0.96
	N-nitroso-di-n-propylamine	0.84
	N-nitrosodiphenylamine	1.9
	phenanthrene	5.4
	pyrene	1.9
	1,2,4-trichlorobenzene	1.9
Pesticides	aldrin	0.004
	alpha-BHC	0.003
	beta-BHC	0.006
	gamma-BHC (lindane)	0.004
	delta-BHC	0.009
	chlordane	0.014
	4,4'-DDT	0.012
	4,4'-DDE	0.004
	4,4'-DDD	0.011
	dieldrin	0.002
	alpha-endosulfan	0.014
	beta-endosulfan	0.004
	endosulfan sulfate	0.066
	endrin	0.006
	endrin aldehyde	0.023
	heptachlor	0.003
	heptachlor epoxide	0.01
	PCB 1242	0.06
	PCB 1254	0.2
	PCB 1221	0.2
	PCB 1232	0.05
	PCB 1248	0.07
	PCB 1260	0.06
	PCB 1016	0.07
	toxaphene	0.24

less than	Pollutant	7/10/2008 ug/L	9/18/2008 ug/L
Volatiles	acrolein	50	50
	acrylonitrile	20	20
	benzene	4.4	4.4
	bromoform	4.7	4.7
	carbon tetrachloride	2	2
	chlorobenzene	6	6
	chlorodibromomethane	3.1	3.1
	chloroethane	8.7	8.7
	2-chloroethylvinyl ether	5.1	5.1
	chloroform	1.6	1.6
	dichlorobromomethane	2.2	2.2
	1,1-dichloroethane	4.7	4.7
	1,2-dichloroethane	2.8	2.8
	1,1-dichloroethylene	2.8	2.8
	1,2-dichloropropane	6	6
	cis-1,3-dichloropropylene	5	5
	trans-1,3-dichloropropylene	1.3	1.3
	ethylbenzene	7.2	7.2
	methyl bromide	8.9	8.9
	methyl chloride	7.8	7.8
	methylene chloride	10	10
	1,1,2,2-tetrachloroethane	6.9	6.9
	tetrachloroethylene	4.1	4.1
	toluene	6	6
	1,2-trans-dichloroethylene	1.6	1.6
	1,1,1-trichloroethane	3.8	3.8
	1,1,2-trichloroethane	5	5
	trichloroethylene	1.9	1.9
	vinyl chloride	6.4	6.4
Acids	2-chlorophenol	10	3.3
	2,4-dichlorophenol	10	2.7
	2,4-dimethylphenol	10	2.7
	4,6-dinitro-o-cresol		24
	2,4-dinitrophenol	50	42
	2-nitrophenol	20	3.6
	4-nitrophenol	50	2.4
	p-chloro-m-cresol		3
	pentachlorophenol	5	3.6
	phenol	10	1.5
	2,4,6-trichlorophenol	10	2.7
Base/Neutral	acenaphthene	10	1.9
	acenaphthylene	10	3.5
	anthracene	10	1.9
	benzidine	50	44
	benzo(a)anthracene	5	5
	benzo(a)pyrene	5	2.5
	3,4-benzofluoranthene		4.8
	benzo(g,h,i)perylene	20	4.1
	benzo(k)fluoranthene	5	2.5
	bis(2-chloroethoxy)methane	10	5.3
	bis(2-chloroethyl)ether	10	5.7
	bis(2-chloroisopropyl)ether	10	5.7
	bis(2-ethylhexyl)phthalate	10	15
	4-bromophenyl phenyl ether	10	1.9
	butylbenzyl phthalate	10	2.5
	2-chloronaphthalene	10	1.9

less than	Pollutant	7/10/2008 ug/L	9/18/2008 ug/L
Base/Neutral	4-chlorophenyl phenyl ether	10	4.2
	chrysene	5	2.5
	dibenzo(a,h)anthracene	5	2.5
	1,2-dichlorobenzene	10	1.9
	1,3-dichlorobenzene	10	1.9
	1,4-dichlorobenzene	10	4.4
	3,3'-dichlorobenzidine	5	5
	diethyl phthalate	10	1.9
	dimethyl phthalate	10	1.6
	di-n-butyl phthalate		2.5
	2,4-dinitrotoluene	10	5.7
	2,6-dinitrotoluene	10	1.9
	di-n-octyl phthalate	10	2.5
	1,2-diphenylhydrazine	20	11
	fluroranthene	10	2.2
	fluorene	10	1.9
	hexachlorobenzene	5	1.9
	hexachlorobutadiene	10	1
	hexachlorocyclopentadiene	10	5
	hexachloroethane	20	1.6
	indeno(1,2,3-cd)pyrene	5	3.7
	isophorone	10	2.2
	naphthalene	10	1.6
	nitrobenzene	10	1.9
	N-nitrosodimethylamine	50	0.96
	N-nitrosodi-n-propylamine	20	0.84
	N-nitrosodiphenylamine	20	1.9
	phenanthrene	10	5.4
	pyrene	10	1.9
	1,2,4-trichlorobenzene	10	1.9
Pesticides	aldrin	0.004	0.004
	alpha-BHC	0.003	0.003
	beta-BHC	0.006	0.006
	gamma-BHC (lindane)	0.004	0.004
	delta-BHC	0.009	0.009
	chlordane	0.014	0.014
	4,4'-DDT	0.012	0.012
	4,4'-DDE	0.004	0.004
	4,4'-DDD	0.011	0.011
	dieldrin	0.002	0.002
	alpha-endosulfan	0.014	0.014
	beta-endosulfan	0.004	0.004
	endosulfan sulfate	0.066	0.066
	endrin	0.006	0.006
	endrin aldehyde	0.023	0.023
	heptachlor	0.003	0.003
	heptachlor epoxide	0.01	0.01
	PCB 1242	0.06	0.06
	PCB 1254	0.2	0.2
	PCB 1221	0.2	0.2
	PCB 1232	0.05	0.05
	PCB 1248	0.07	0.07
	PCB 1260	0.06	0.06
	PCB 1016	0.07	0.07
	toxaphene	0.24	0.24

PS Program Report

* NPDES ID: AR0020010 Permittee's Name Fayetteville

* Report Received/Event Date: 05/29/2009 Date 6-1-09

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: 01/01/2008

Significant Industrial Users (SIUs)

SIUs:	9
SIUs Without Control Mechanism:	0
SIUs Not Inspected:	0
SIUs Not Sampled:	0
SIUs in SNC with Pretreatment Standards:	0
SIUs in SNC with Reporting Requirements:	0
SIUs in SNC with Pretreatment Schedule:	0
SIUs in SNC Published in Newspaper:	0
SIUs Schedules:	0
Violation Notices Issued to SIUs:	1
Administrative Orders Issued to SIUs:	0
Civil Suits Filed Against SIUs:	0
Criminal Suits Filed Against SIUs:	0

Categorical Industrial Users (CIUs)

CIUs:	5
CIUs in SNC:	0

Penalties

Dollar Amount of Penalties Collected: $	0
strial Users (IUs) from which Penalties have been collected:	0

Other Information

SUO Reference:	3965
SUO Date:	05/07/1996
Annual Pretreatment Budget: $	
Pass-Through/Interference Indicator:	
tion of IU Schedule for Remedial Measures:	No
nal Response to Violation of IU Schedule for Remedial Measures:	

Local Limits

Date of Most Recent Technical Evaluation &/or Local Limits:	2/17/98
Date of Most Recent Adoption of Technically Based Local Limits:	
Local Limit Pollutants:	

ADD / REMOVE

Removal Credits

Removal Credits Application Status:	Not Applicable
Date of Most Recent Removal Credits Approval:	
Removal Credits:	

ADD / REMOVE

Acceptance of Waste

Acceptance of Hazardous Waste:	No YES
Acceptance of Non-Hazardous Industrial Waste:	No YES
Acceptance of Hauled Domestic Wastes:	No YES

Deficiencies

Deficiencies Identified During IU File Review:	No
Control Mechanism Deficiencies:	No
Legal Authority Deficiencies:	No
Deficiencies in Data Management and Public Participation:	No
Deficiencies in Interpretation and Application of Pretreatment Standards:	No
Inadequacy of Sampling and Inspections:	No
Adequacy of Pretreatment Resources:	Yes

Annual Frequency

Annual Frequency of Influent Toxicant Sampling:	4
Annual Frequency of Effluent Toxicant Sampling:	4
Annual Frequency of Sludge Toxicant Sampling:	1