

Gage, Hannah

From: Gilliam, Allen
Sent: Thursday, January 28, 2016 2:36 PM
To: 'Dennis Brunson'
Cc: Gage, Hannah; Kaelin, Cynthia; Ramsey, David
Subject: AR0033880_Hot Springs Utilities AR0050148 Jan 2016 annual Pretreatment report_20160128
Attachments: Hot Springs Utilities Pretreatment Performance Summary 2015.pdf

Dennis,

Hot Springs' January 2016 annual Pretreatment Program report was electronically received, reviewed, deemed complete and compliant with the reporting requirements in 40 CFR 403.12(i).

Note: Your IUs' SIC codes don't match up with what's listed for them in the AR Directory of Manufacturers. Please have your facilities correct them and include their NAICS codes on Hot Springs' next annual report.

Send a comprehensive IU survey to Smith's (747 Mid America Blvd. 71913) as their SIC code is 3421 and the above mentioned directory shows they make "Electrical & manual knives, scissors, tool sharpeners, zesters, graters & kitchen tools.

Metal Finishing processes may very well exist at this facility such as Ni/Cr plating, passivating and/or coating. Please advise as soon as you receive the survey back which should ask specifically what their processes are and what chemicals (not trade names) are used to finish their end products.

Thank you for your timely report.

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

E/NPDES/NPDES/Pretreatment/Reports

From: Dennis Brunson [<mailto:DBrunson@cityhs.net>]
Sent: Monday, January 25, 2016 10:03 AM
To: Gilliam, Allen
Subject: Hot Springs Utilities PPS 2015

Allen,

Please find the following attachment. I will send a hard copy via regular mail. If you have any questions and/or concerns, please let me know.

Thanks,

Dennis R. Brunson
Pretreatment Coordinator

Industrial Pretreatment Division
City of Hot Springs Utilities
501-262-1881 ext 15
501-520-9267 (Cell)
501-262-0339 fax
www.cityhs.net



City of Hot Springs
Municipal Utilities
WWTP
320 Davidson Drive
Hot Springs, AR 71902
501-262-1881
501-262-0339 fax

January 25, 2016

Arkansas Department of Environmental Quality
Attn: Allen Gilliam
5301 Northshore Drive
North Little Rock, AR 72118-5317

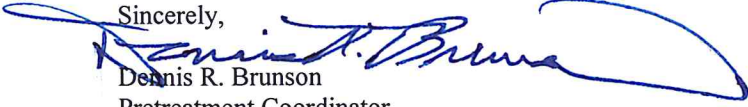
Re: Pretreatment Performance Summary (PPS)

Dear Mr. Gilliam,

Please find enclosed the City of Hot Springs Municipal Utilities' 2015 pretreatment performance summary.

If you have any questions, comments and/or need additional information, please let me know.

Sincerely,


Dennis R. Brunson
Pretreatment Coordinator

Enclosure

C: James Sorrells, Facilities Operations Manager
Bill Burrough, Interim City Manager

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: January, 2015 TO December, 2015
TREATMENT PLANT: City of Hot Springs Central WWTP NPDES PERMIT #AR0033880
AVERAGE POTW FLOW: 12.78 MGD % IU FLOW: 0.8 %

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)
		2/4/2015	4/20/15	7/22/15	10/26/15		2/4/2015	4/20/15	9/7/2014	10/26/15			
Antimony	N/A	0	0	0	0	N/A	0	0	0	0	60	200.8	60
Cadmium	8.96	1.30	0	0	0	23	0	0	0	0	0.5	200.8	0.5
Copper	131.11	240	23	72	35	450	12	4.2	3.8	6.7	0.5	200.8	0.5
Lead	11.59	27	2.2	7.8	2.8	34	0.60	0	0	0	0.5	200.8	0.5
Mercury	0.06	0.20	0.31	0.068	0.027	0.5	0	0.019	0	0	.005	245.7	0.0018
Nickel	70.63	18	2.5	9.2	3.0	780	3.1	2.5	3.5	2.7	0.5	200.8	0.5
Selenium	14.13	0	0	0	0	N/A	0	0	0	0	5	200.8	5
Silver	6.20	1.8	1.0	2.2	0.63	6	0	0	0	0	0.5	200.8	0.5
Zinc	688.68	1300	74	310	91	2130	37	24	26	20	20	200.8	20
Chromium	258.41	22	0	0	11	8180	0	0	0	0	10	200.8	
Cyanide	32.25	0	0	0	0	70	0	0	0	0	10	SM 4500- CN C, E 1999	10
Arsenic	11.77	3.5	0.97	2.0	2.6	N/A	0.54	0.57	0.67	0.88	0.5	200.8	0.5
Molybdenum	10.59	N/A	0	N/A	0	N/A	N/A	0	N/A	0	--	200.7	8
Phenols	N/A	54	0.044	120	0.074	N/A	11	0.015	21	0.012	5	420.1	5
Beryllium	20.38	0	0	0	0	N/A	0	0	0	0	0.5	200.8	0.5
Thallium	N/A	0	0	0	0	N/A	0	0	0	0	0.5	200.8	0.5
Flow, MGD	N/A	9.19	14.15	7.44	8.57	N/A	8.51	18.04	8.16	9.08			
(3)													
Bis(2-ethylhexyl) phthalate							13					625	10

ATTACHMENT A
PRETREATMENT PROGRAM STATUS REPORT
UPDATED SIGNIFICANT INDUSTRIAL USERS LIST

Industrial User Name	SIC/NAICS Code	40 CFR XXX or N/A	Control Document		New User	Times Inspected	Times Sampled	Compliance Status (N/A, C, NC, or SNC)				Permit Limits (denote parameter violated & number of times)
			Y/N	Last Action				Reports				
								BMR	90-day Compliance	Semi Annual	Self Monitoring	
ORG Chem Group	2869	437	Yes	3/2/14	No	1	10	N/A	N/A	C	C	Compliant
Triumph Fabrications-HS	3471-02	433	Yes	7/2/14	No	1	8	N/A	N/A	C	C	Compliant
Triumph Airborne Structures, Inc.	3471-02	433	Yes	8/2/14	No	1	8	N/A	N/A	C	C	Compliant
Alliance Rubber	3069-02	428	Yes	3/1/14	No	1	8	N/A	N/A	C	C	Compliant
Non-Significant (Yet Permitted)												
NPMC Hospital	8062-02	460	Yes	5/2/14	No	1	4	N/A	N/A	C	C	Compliant
St. Vincent Med Hospital	8062-02	460	Yes	5/2/14	No	1	4	N/A	N/A	C	C	Compliant
Craighead Cleaners, Inc	7218-04	N/A	Yes	4/3/14	No	1	4	N/A	N/A	C	C	Compliant
Hot Springs Packing Co.	2011-01	432	Yes	9/15/14	No	1	0	N/A	N/A	C	C	Compliant
Mountain Valley Water	5499-03	N/A	Yes	8/2/13	Yes	1	0	N/A	N/A	C	C	Compliant

Include NAICS code(s)

3rd column - include the CFR # only if the Category has Pretreatment Standards (numeric or narrative)
Please footnote N/A reason

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 City of Hot Springs Municipal Utilities

Address 320 Davidson Dr.

City Hot Springs National Park State/Zip Arkansas 71901

Contact Person Dennis R. Brunson Position Pretreatment Coordinator

Contact Telephone 501-262-1881 Ext 15 NPDES Permit Nos. AR0033880

Reporting Period January 1, 2015 December 31, 2015

(Beginning Month, day and Year) (Ending Month, day and Year)

Total Number of Categorical IUs 3

Total Number of Significant Noncategorical IUs 1

Total Number of Non-Significant (yet permitted) IUs 5

II. Significant Industrial User Compliance

SIGNIFICANT INDUSTRIAL USERS
Categorical NonCategorical

1) No. of SIUs Submitting BMRs/Total	<u>0/0</u>	<u>N/A*</u>
No. Required.		
2) No. of SIUs Submitting 90-Day Compliance	<u>0/0</u>	<u>N/A*</u>
Reports / No. Required.		
3) No. of SIUs Submitting Semiannual Reports /	<u>0/0</u>	<u>0/0</u>
Total No. Required.		
4) No. of SIUs Meeting Compliance Schedule /	<u>0/0</u>	<u>0/0</u>
Total No. Required to Meet Schedule		
5) No. of SIUs in Significant Noncompliance /	<u>0/0</u>	<u>0/0</u>
Total No. of SIUs		
6) Rate (%) of Significant Noncompliance for all		<u>0/0</u>
SIUs (categorical and noncategorical)		

III. Compliance Monitoring Program


	<u>SIGNIFICANT INDUSTRIAL USERS</u>
	<u>Categorical</u> <u>NonCategorical</u>
1) No. of Control Documents Issued / Total No. Required.	3/3 1/1
2) No. of Non-sampling Inspections Conducted / Total No. Required.	3/3 1/1
3) No. of Sampling Visits Conducted / Total No. Required.	28/6 8/2
4) No. of Facilities Inspected (nonsampling) / Total No. Required.	3/3 1/1
5) No. of Facilities Sampled / Total No. Required.	3/3 1/1

IV. Enforcement Actions

	<u>SIGNIFICANT INDUSTRIAL USERS</u>
	<u>Categorical</u> <u>NonCategorical</u>
1) No. of Compliance Schedules Issued/No. of Schedules Required	0/0 0/0
2) No. of Notices of Violations Issued to SIUS	0 0
3) No. of Administrative Orders Issued to SIUS	0 0
4) No. of Civil Suits Filed.	0 0
5) No. of Criminal Suits Filed	0 0
6) No. of Significant Violators (attach newspaper publication).	0 0
7) Amount of Penalties (not surcharges) Collected (total dollars/IUs assessed)	0/0 0/0
8) Other Actions (sewer bans, etc.).	0 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.

 _____
 Authorized Representative Date 25 Jan 16

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: January, 2015 TO December, 2015
TREATMENT PLANT: City of Hot Springs Southwest WWTP NPDES PERMIT #AR0050148
AVERAGE POTW FLOW: 0.54 MGD % IU FLOW: 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)
		4/6/2015	N/A	9/8/2015	N/A		4/6/2015	N/A	9/8/2015	N/A			
Antimony	N/A	0	N/A	0	N/A	0	N/A	0	N/A	60	200.8	60	
Cadmium	8.96	0	N/A	0.15	N/A	23	0	N/A	0	0.5	200.8	0.5	
Copper	131.11	30	N/A	33	N/A	450	6.8	N/A	12	0.5	200.8	0.5	
Lead	11.59	0.94	N/A	0.82	N/A	34	0	N/A	0	0.5	200.8	0.5	
Mercury	0.06	0	N/A	0	N/A	0.5	0	N/A	0	.005	245.7	0.0018	
Nickel	70.63	3.0	N/A	4.4	N/A	780	2.4	N/A	38	0.5	200.8	0.5	
Selenium	14.13	0	N/A	0	N/A	N/A	0	N/A	0	5	200.8	5	
Silver	6.20	0	N/A	0	N/A	6	0	N/A	0	0.5	200.8	0.5	
Zinc	688.68	92	N/A	66	N/A	2130	52	N/A	59	20	200.8	20	
Chromium	258.41	0	N/A	0	N/A	8180	0	N/A	26	10	200.8		
Cyanide	32.25	0	N/A	0	N/A	70	0	N/A	0	10	SM 4500- CN C, E 1999	10	
Arsenic	11.77	2.0	N/A	2.9	N/A	N/A	0.9	N/A	0.63	0.5	200.8	0.5	
Molybdenum	10.59	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	--	N/A	N/A	
Phenols	N/A	0.22	N/A	0.044	N/A	N/A	0.018	N/A	0.0082	5	420.1	5	
Beryllium	20.38	0	N/A	0	N/A	N/A	0	N/A	0	0.5	200.8	0.5	
Thallium	N/A	0	N/A	0	N/A	N/A	0	N/A	0	0.5	200.8	0.5	
Flow, MGD	N/A	0.57	N/A	0.32	N/A	N/A	0.57	N/A	0.32				
(3)													
Bis(2-ethylhexyl) phthalate		25					29				625	10	