### Re: City of Hot Springs Utilities 2020 Pretreatment Report

#### Yates, Adam

Thu 4/29/2021 3:11 PM

To: Dennis Brunson < DBrunson@cityhs.net>;

Cc:McWilliams, Carrie <mcwilliamsc2@adeq.state.ar.us>; Healey, Richard <HEALEYR@adeq.state.ar.us>; Ramsey, David <RAMSEY@adeq.state.ar.us>; Allen-Daniel, Leslie <ALLEN-DANIEL@adeq.state.ar.us>;

Dennis,

City of Hot Springs' Jan 2021 Pretreatment Program Annual Report was received, reviewed, and deemed complete and compliant according to the reporting requirements of 40 CFR 403.12(i).

Thank you for your timely submittal. If you have any questions or concerns on this matter, please feel free to contact me.

Kindly,

Adam Yates | State Pretreatment Coordinator

Division of Environmental Quality | Office of Water Quality

5301 Northshore Drive | North Little Rock, AR 72118

t: (501) 682-0617 | e: <u>yates@adeq.state.ar.us</u>

From: Dennis Brunson < DBrunson@cityhs.net>

Sent: Friday, January 29, 2021 10:34 AM

To: Yates, Adam

Subject: City of Hot Springs Utilities 2020 Pretreatment Report

Good Morning Adam,

Please find the following attachment. 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 2861 501-520-9267 (Cell) 501-262-0339 fax www.cityhs.net

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

January 29, 2021

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

Re: Pretreatment Performance Summary (PPS)

Dear Mr. Yates,

Please find enclosed the City of Hot Springs Municipal Utilities' 2020 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: Harold Maudin, Facilities Operations Manager Monty Lebetter, Utilities Director Bill Burrough, City Manager

#### MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT REPORTING YEAR: January, 2020 TO December, 2020

# TREATMENT PLANT: City of Hot Springs Regional WWTP NPDES PERMIT #AR0033880 AVERAGE POTW FLOW: 12.6 MGD % IU FLOW: 1.4 %

METALS,	манс	I		TES SAMPLE	D	WQ level/	EFFLUENT DATES SAMPLED (μg/l) Once/quarter				LABORATORY ANALYSIS		
CYANIDE and PHENOLS	(Total) (μg/l) (2)		Once/	quarter		limit (μg/l)					EPA MQL	EPA Method	Detection Level
	(2)	Date	Date	Date	Date	(2)	Date	Date Date		Date	(μg/l) (1)	Used (1)	Achieved (μg/l)
		1/22/20	6/9/20	8/16/20	11/4/20		1/22/20	6/9/20	8/16/20	11/4/20	(-)		(1-6-)
Antimony	N/A	0	0	0	0	N/A	0	0	0	0	60	200.8	60
Cadmium	8.96	0	0	0	0	23	0	0	0	0	0.5	200.8	0.5
Copper	131.11	31	8.8	17	38	450	4.9	4.5	3.5	6.9	0.5	200.8	0.5
Lead	11.59	3.5	0.86	0.70	3.4	34	0	0	0	0	0.5	200.8	0.5
Mercury	0.06	0.036	0.009	0.009	0	0.5	0	0.0073	0	0	.005	245.7	0.005
Nickel	70.63	2.5	1.6	1.9	3.9	780	1.3	1.2	2.3	1.9	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	0	0	0	0	6	0	0	0	0	0.5	200.8	0.5
Zinc	688.68	93	31	34	120	2130	20	21	21	20	20	200.8	20
Chromium	258.41	0	0	0	0	8180	0	0	0	0	10	200.8	10
Cyanide	32.25	0	0	0	0	70	0	0	0	0	0.01	SM 4500- CN C, E 2011	0.01
Arsenic	11.77	14	5.7	7.8	27	N/A	4.2	2.0	2.5	3.1	0.5	200.8	0.5
Molybdenum	10.59	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Phenols	N/A	0.047	0.027	0.12	0.093	N/A	0	0.008	0	0	0.005	420.1	0.005
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	15.61	20.87	9.17	6.99	N/A	15.61	20.87	9.17	6.99			
(3)													

#### MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT

#### REPORTING YEAR: January, 2019 TO December, 2019

## TREATMENT PLANT: City of Hot Springs Southwest WWTP NPDES PERMIT #AR0050148 AVERAGE POTW FLOW: 0.97 MGD % IU FLOW: 0 %

METALS, CYANIDE and	MAHC (Total)	(10.7)					EFFLUENT DATES SAMPLED (μg/l) Once/quarter				LABORATORY ANALYSIS		
PHENOLS	(μg/l) (2)					limit (μg/l) (2)					EPA MQL	EPA Method	Detection Level
	(2)	Date	Date	Date	Date	(2)	Date	Date	Date	Date	(μg/l) (1)	Used (1)	Achieved (μg/l)
		2/28/20	N/A	9/22/20	N/A		2/28/20	N/A	9/22/20	N/A			
Antimony	N/A	0	N/A	0	N/A	N/A	0	N/A	0	N/A	60	200.8	60
Cadmium	8.96	0	N/A	0	N/A	23	0	N/A	0	N/A	0.5	200.8	0.5
Copper	131.11	60	N/A	62	N/A	450	6.7	N/A	8	N/A	0.5	200.8	0.5
Lead	11.59	2.5	N/A	2.2	N/A	34	0	N/A	0	N/A	0.5	200.8	0.5
Mercury	0.06	0.012	N/A	0	N/A	0.5	0	N/A	0	N/A	.005	245.7	0.005
Nickel	70.63	3.7	N/A	4.8	N/A	780	1.7	N/A	2.3	N/A	0.5	200.8	0.5
Selenium	14.13	0	N/A	0	N/A	N/A	0	N/A	0	N/A	5	200.8	5
Silver	6.20	0	N/A	0	N/A	6	0	N/A	0	N/A	0.5	200.8	0.5
Zinc	688.68	290	N/A	520	N/A	2130	43	N/A	39	N/A	20	200.8	20
Chromium	258.41	0	N/A	0	N/A	8180	0	N/A	0	N/A	10	200.8	10
Cyanide	32.25	0	N/A	0	N/A	70	0	N/A	0	N/A	0.01	SM 4500- CN C, E 1999	0.01
Arsenic	11.77	79	N/A	55	N/A	N/A	4.1	N/A	3.1	N/A	0.5	200.8	0.5
Molybdenum	10.59	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A
Phenols	N/A	0.095	N/A	0.94	N/A	N/A	0	N/A	0	N/A	0.005	420.1	0.005
Beryllium	20.38	0	N/A	0	N/A	N/A	0	N/A	0	N/A	0.5	200.8	0.5
Thallium	N/A	0	N/A	0	N/A	N/A	0	N/A	0	N/A	0.5	200.8	0.5
Flow, MGD	N/A	0.425	N/A	0.350	N/A	N/A	0.425	N/A	0.350	N/A			
(3)													

(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.
- (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.

#### ATTACHMENT A

## PRETREATMENT PROGRAM STATUS REPORT UPDATED SIGNIFICANT INDUSTRIAL USERS LIST

Industrial User Name	SIC/NAICS Code	18	40 CFR XXX or N/A	Control Document		New Times User Inspected	Times Sampled	Compl:		ports		Permit Limits (denote parameter violated
			Y/N	Last Action				BMR	90-day Compliance	Semi Annual	Self Monitoring	& number of times)
ORG Chem Group	324110	437	Yes	4/2/20	No	1	5	N/A	N/A	С	С	Compliant
Radius Aerospace, Inc.	332813	433	Yes	7/2/20	No	1	4	N/A	N/A	С	С	Compliant
Triumph Airborne Structures, Inc.	332813	433	Yes	8/2/20	No	1,	4	N/A	N/A	С	С	Compliant
Alliance Rubber	326299	428	Yes	3/2/20	No	1	4	N/A	N/A	С	С	Compliant
Non-Significant (Yet Permitted)												
NPMC Hospital	622110	460	Yes	7/20/18	No	1	5	N/A	N/A	С	С	Compliant
St. Vincent Med Hospital	622110	460	Yes	7/1/18	No	1	5	N/A	N/A	С	С	Compliant
Craighead Cleaners, Inc	812320	N/A	Yes	5/2/18	No	1	4	N/A	N/A	С	С	Compliant
Mountain Valley Water (Transported)	221310	N/A	Yes	4/1/20	Yes	1	0	N/A	N/A	С	С	Compliant
			7/-									

Include NAICS code(s)  $3^{rd}$  column - include the CFR # only if the Category has Pretreatment Standards (numeric or narrative) Please footnote N/A reason

# ATTACHMENT B SIGNIFICANT NON-COMPLIANT (SNC) INDUSTRIES - ENFORCEMENT ACTIONS TAKEN

Industrial User	Nature Violat		Numbe	r of Act	ion Taken		Penalties	Compliance Schedule		Current	Comments	
Name	Reports	Limits	N.O.V.	A.O.	Civil	Criminal	Other	Collected	Date Issued	Date Due	Status	Conunctics
N/A				0.15								
											*	

#### 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 2861 NPDES Permit Nos. AR0033880

Reporting Period January 1, 2020

December 31, 2020

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

otal Number of Categorical IUs 3

otal Number of Significant Noncategorical IUs 1

otal Number of Non-Significant (yet permitted) IUs 4

#### II. Significant Industrial User Compliance

			NDUSTRIAL USERS NonCategorical
_ )	No. of SIUs Submitting BMRs/Total 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 Reports , Total No. Required	0/0	0/0
l)	No. of SIUs Meeting Compliance Schedule / Total No. Required to Meet Schedule	. 0/0	0/0
5)	No. of SIUs in Significant Noncompliance / Total No. of SIUs	. 0/0	0/0
5)	Rate (%) of Significant Noncompliance for a SIUs (categorical and noncategorical)	0/0	<u>)</u>

#### III. Compliance Monitoring Program

	III. Compliance Monitoring	g Program	
		SIGNIFICANT I Categorical	NDUSTRIAL USERS NonCategorical
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	13/6	4/2
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 Acti	ons	
		SIGNIFICANT Categorical	INDUSTRIAL USERS NonCategorical
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
6)	No. of Significant Violators (attach	0	0

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

0/0

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

Authorized Representative

Amount of Penalties (not surcharges)

8) Other Actions (sewer bans, etc.). . . . .

Collected (total dollars/IUs assessed) . . .

7)

newspaper publication)......

ate 29542

0/0

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