# Hot Springs Utilities' 2019 Pretreatment Performance Summary

# Yates, Adam

Tue 5/19/2020 1:06 PM

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

Cc: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' January 2020 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 ADEQ Office of Water Quality



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

January 17, 2020

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' 2019 pretreatment performance summary. Please note that Triumph Precision Components Fabrications has changed its name to Radius Aerospace, Inc..

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

Sincerely, Active A. Brenson

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, 2019 TO December, 2019 TREATMENT PLANT: City of Hot Springs Regional WWTP NPDES PERMIT #AR0033880 AVERAGE POTW FLOW: 12.0 MGD % IU FLOW: 1.2 %

METALS,	МАНС	MAHC	INFLUENT DATES SAMPLED				WQ	EFFLUENT DATES SAMPLED (μg/l)				LABORATORY ANALYSIS		
CYANIDE and PHENOLS	(Total) (μg/l) (2)	Once/quarter				level/ limit (μg/l) (2)	Once/quarter				EPA MQL	EPA Method	Detection Level	
	(2)	Date	Date	Date	Date	(2)	Date	Date	Date	Date	(μg/l) (1)	Used (1)	Achieved (µg/l)	
		1/28/201 9	4/22/19	9/11/2019	11/13/19		1/28/201 9	4/22/19	9/11/19	11/13/19	(1)			
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	24	40	60	0.016	450	3.2	4.5	3.5	0.0056	0.5	200.8	0.5	
Lead	11.59	2.2	2.4	2.9	0.0020	34	0	0	0	0	0.5	200.8	0.5	
Mercury	0.06	0.030	0.17	0.21	0.023	0.5	0	0	0	0.0086	.005	245.7	0.0018	
Nickel	70.63	2.5	2.5	3.0	0.0023	780	1.2	1.5	2.3	0.0015	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	0.50	0	6	0	0	0	0	0.5	200.8	0.5	
Zinc	688.68	120	100	140	0.29	2130	27	29	21	0.023	20	200.8	20	
Chromium	258.41	0	0	0	0	8180	0	0	0	0	10	200.8	10	
Cyanide	32.25	0	0.011	0	0	70	0	0.019	0	0	0.01	SM 4500- CN C, E 2011	0.01	
Arsenic	11.77	1.1	1.5	42	0.0084	N/A	0	0	2.5	0.0033	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	0.050	0.030	0.028	0.028	N/A	0.040	0.019	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	14.92	11.93	6.56	14.94	N/A	14.92	11.93	6.56	14.94				
(3)														

## MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT REPORTING YEAR: <u>January</u>, <u>2019</u> TO <u>December</u>, <u>2019</u> TREATMENT PLANT: <u>City of Hot Springs Southwest WWTP</u> NPDES PERMIT <u>#AR0050148</u> AVERAGE POTW FLOW: <u>0.97 MGD</u> % IU FLOW: <u>0 %</u>

METALS,	МАНС	Fotal) Once/quarter μg/l)				WQ level/	EFFLUENT DATES SAMPLED (μg/l) Once/quarter				LABORATORY ANALYSIS		
CYANIDE and PHENOLS	(Total) (μg/l) (2)					limit (μg/l)					EPA MQL	EPA Method	Detection Level
		Date	Date	Date	Date	(2)	Date	Date	Date	Date	(µg/l) (1)	Used (1)	Achieved (µg/l)
		2/12/201 9	N/A	9/11/2018	N/A		2/12/201 9	N/A	9/11/18	N/A	(-)	200 10	
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	5.2	N/A	14	N/A	450	7.2	N/A	15	N/A	0.5	200.8	0.5
Lead	11.59	0	N/A	0	N/A	34	0	N/A	0	N/A	0.5	200.8	0.5
Mercury	0.06	0.0074	N/A	0.0061	N/A	0.5	0.0061	N/A	0	N/A	.005	245.7	0.0018
Nickel	70.63	1.5	N/A	2.1	N/A	780	1.2	N/A	2.9	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	55	N/A	34	N/A	2130	44	N/A	57	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	0.70	N/A	27	N/A	N/A	0.72	N/A	0.70	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	0.033	N/A	0.026	N/A	N/A	0.04	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	1.11	N/A	0.82	N/A	N/A	1.11	N/A	0.82	N/A			
(3)													

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(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	40 CFR XXX	Control Document		New User	Times Inspected	Times Sampled	Compl:	NC, or SNC)	Permit Limits (denote parameter violated		
		or N/A	Y/N	Last Action				BMR	90-day Compliance	Semi Annual	Self Monitoring	& number of times)
ORG Chem Group	324110	437	Yes	3/2/17	No	1	4	N/A	N/A	С	С	Compliant
Radius Aerospace, Inc.	332813	433	Yes	7/2/17	No	1	4	N/A	N/A	С	С	Compliant
Triumph Airborne Structures, Inc.	332813	433	Yes	8/2/17	No	1	5	N/A	N/A	С	С	Compliant
Alliance Rubber	326299	428	Yes	3/3/17	No	1	5	N/A	N/A	С	С	Compliant
Non-Significant (Yet Permitted)												
NPMC Hospital	622110	460	Yes	7/20/18	No	1	4	N/A	N/A	С	С	Compliant
St. Vincent Med Hospital	622110	460	Yes	7/1/18	No	1	4	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	8/3/16	Yes	1	0	N/A	N/A	С	С	Compliant
										£		

Include NAICS code(s)
3<sup>rd</sup> 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 of Violation			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	continentes
N/A												

#### 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, 2019

December 31, 2019

(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

		AND DEED STREAMS IN TAKEN THE SUBSTITUTES THE	INDUSTRIAL 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
1)	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 al SIUs (categorical and noncategorical)	2	/0

#### III. Compliance Monitoring Program

		SIGNIFICANT Categorical	INDUSTRIAL 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		_1/1_
3)	No. of Sampling Visits Conducted / Total No Required		_5/2_
4)	No. of Facilities Inspected (nonsampling) / Total No. Required		_1/1_
5)	No. of Facilities Sampled / Total No. Required	3/3	_1/1_

## IV. Enforcement Actions

			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	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

T. Bruneon Date

Authorized Representative