#### Manasco, Barry

From: Manasco, Barry

**Sent:** Tuesday, August 17, 2021 4:03 PM **To:** 'abrown@siloamsprings.com'

Cc: Ramsey, David; McWilliams, Carrie; Sears, Jessica; Healey, Richard; McCutcheon,

Christina; Jain, Anmol

**Subject:** Siloam Springs Pretreatment Annual Report for 2020

Mr. Brown,

The Siloam Springs 2020 Pretreatment Program Annual Report was received, reviewed, and deemed complete according to the reporting requirements of 40 CFR 403.12(i).

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

Sincerely,

Barry Manasco | Engineer

Division of Environmental Quality | Office of Water Quality

Permits Branch

5301 Northshore Drive | North Little Rock, AR 72118

t: 501.682.0680 | e: barry.manasco@adeq.state.ar.us



### MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT

# REPORTING YEAR: June 2020 TO July 2021 TREATMENT PLANT: City of Siloam Springs NPDES PERMIT #AR0020273 AVERAGE POTW FLOW: 3.33 MGD % IU FLOW: 18.5%

METALS,	манс	(15.7)		WQ level/	EI	EFFLUENT DATES SAMPLED (µg/l) Once/quarter				BORATORY AN	IALYSIS		
CYANIDE and PHENOLS	(Total) (μg/l) (2)		Once/quarter			limit (μg/l)		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)
		7-22-20	11-11-20	3-17-21	6-2-21		7-22-20	11-11-20	3-17-21	6-2-21	(1)		(1.5.)
Antimony	N/A	ND	ND	ND	ND	N/A	ND	ND	ND	ND	60	200.8	.300
Cadmium	3.42	ND	ND	ND	ND	1.08	ND	ND	ND	ND	0.5	200.8	.200
Copper	106.49	31.2	21.2	15.4	7.56	12.97	5.62	2.57	1.56	2.07	0.5	200.8	.300
Lead	6.92	2.43	0.947	0.617	0.356	2.7	ND	0.271	ŅD	ND	0.5	200.8	.100
Mercury	.03	0.016	0.029	0.027	0.019	0.01339	2.5	0.32	0.011	0.017	0.005	245.7	.200
Nickel	297.99	6.13	2.39	2.05	2.00	165.86	2.01	2.07	1.41	1.57	0.5	200.8	.500
Selenium	10.0	ND	ND	ND	ND	5	ND	ND	ND	ND	5	200.8	2.00
Silver	15.4	ND	ND	ND	ND	3.85	ND	ND	ND	ND	0.5	200.8	.800
Zinc	330.87	234	89.7	57.5	39.3	110.28	64.7	59.4	34.7	32.1	20	200.8	5.00
Chromium	314.66	2.97	0.882	0.589	0.537	50	ND	ND	ND	ND	10	200.8	.500
Cyanide	18.72	ND	ND	ND	ND	5.8	ND	ND	ND	ND	10	SM 4500- CN B, E- 2011	5.00
Arsenic	100	5.83	0.403	0.414	0.433	190	1.19	0.275	ND	0.311	0.5	200.8	.200
Molybdenum	200	2.10	1.52	1.13	0.837	N/A	2.91	1.66	0.767	0.737		200.8	.100
Phenols	N/A	0.0549	0.0334	0.0245	0.0428	N/A	ND	ND	ND	0.0124	5	420.1-1978	.3001.00
Beryllium	11.83	ND	ND	ND	ND	5.915	ND	ND	ND	ND	0.5	200.8	.300
Thallium	N/A	ND	ND	ND	ND	N/A	ND	ND	ND	ND	0.5	200.8	.500
Flow, MGD	N/A					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	40 CFR XXX		ntrol ument	New User	1						
		or N/A	Y/N	Last Action				BMR	90-day Compliance	Semi Annual	Self Monitoring	violated & number of times)
COBB-VANTRESS	254	N/A	Y	6/18/21	N	0	1	N/A	С	С	С	Y
GATES RUBBER	3052	428	Y	6/15/21	N	0	1	N/A	С	С	С	Y
SIMMONS FOOD	2015	N/A	Y	6/15/21	N	0	1	N/A	С	С	С	Y

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 of Violation			Number of Action Taken					Compliance Schedule		Current	Comments
Name	Reports	Limits	N.O.V.	A.O.	Civil	Criminal	Other	Collected	Date Issued	Date Due	Status	Comments
COBB-VANTRESS	0	0	0	0	0	0	0	0	С	С	С	N
GATES RUBBER	0	0	0	0	0	0	0	0	С	С	С	N
SIMMONS FOOD	0	0	0	0	0	0	0	0	С	С	С	N

#### 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

Cont	rol Authority Name _ CITY OF SILOAM SPRINGS		
Addr	ess 975 Anderson Avenue, P.O. Box 80		
City	Siloam Springs State/Zip 72761		
Cont	act Person Tony Brown Position	Wastewater Sup	erintendent
Cont	act Telephone 479-524-5623 NPDES Permit	Nos. <u>AR002027</u>	3
Repo	orting Period _July 1, 2020	June 30, 2021	- Alle -
	(Beginning Month, day, and Year) (	Ending Month,	day, and Year)
Tota	al Number of Categorical IUs1		
Tota	al Number of Significant Noncategorical IUs _	2	_
Tota	al Number of Non-Significant (yet permitted)	IUs 0	
	II. Significant Industrial Use	er Compliance	
		***************************************	NDUSTRIAL USERS NonCategorical
1)	No. of SIUs Submitting BMRs/Total No. Required	0/0	<u>N/A*</u>
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	1 /1	2 /2
4)	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
6)	Rate (%) of Significant Noncompliance for al SIUs (categorical and noncategorical)	_0/	3_

#### III. Compliance Monitoring Program

	III. Compliance Monitoring Program		
		SIGNIFICANT I	NDUSTRIAL USERS NonCategorical
1)	No. of Control Documents Issued / Total No. Required	1/1	2/2
2)	No. of Non-sampling Inspections Conducted / Total No. Required	1/1	2/2
3)	No. of Sampling Visits Conducted / Total No Required		2/2
4)	No. of Facilities Inspected (nonsampling) / Total No. Required	0/0	0/0
5)	No. of Facilities Sampled / Total No. Required	1/1	2/2
	IV. Enforcement Act	ions	
		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	0
6)	No. of Significant Violators (attach newspaper publication)	0	0
7)	Number of Penalties (not surcharges) Collected (total dollars/IUs assessed)	. 0/0	0/0

The following certification must be signed 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

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

Date August 13, 2021

### Appendix D Table II (TTO/PPS)

		Table II (TTO/PPS	?)			
		Influent		Effluent		Percent
Analyte	Sample Date	Concentration	Units	Concentrations	Units	Remova
Acid Compounds						
2,4,6-Trichlorophenol	2/3/2021	ND	μg/L	ND	μg/L	
2,4-Dichlorophenol	2/3/2021	ND	μg/L	ND	μg/L	
2,4-Dimeethylphenol	2/3/2021	ND	μg/L	ND	μg/L	
2,4-Dinitrophenol	2/3/2021	ND	μg/L	ND	μg/L	
2-Chlorophenol	2/3/2021	ND	μg/L	ND	μg/L	
2-Nitrophenol	2/3/2021	ND	μg/L	ND	μg/L	
4,6-Dinitro-o-cresol	2/3/2021	ND	μg/L	ND	μg/L	
4-Chloro-3-methlphenol	2/3/2021	ND	μg/L	ND	μg/L	
4-Nitrophenol	2/3/2021	ND	μg/L	ND	μg/L	
Pentachlorophenol	2/3/2021	ND	μg/L	ND	μg/L	
Phenol	2/3/2021	ND	μg/L	ND	μg/L	
Base/Neutral Compounds	T = /2 /2 224	T 115		T	1/1	Т
1,2,4-Trichlorobenzene	2/3/2021	ND	μg/L	ND	μg/L	
1,2-Dichlorobenzene	2/3/2021	ND	μg/L	ND	μg/L	ļ
1,2-Diphenyl Hydrazine	2/3/2021	ND	μg/L	ND	μg/L	
1,3-Dichlorobenzene	2/3/2021	ND	μg/L	ND	μg/L	<del> </del>
1,4-Dichlorobenzene	2/3/2021	ND	μg/L	ND	μg/L	<u> </u>
2,2'-Oxybis(1-Chlorpropane)	2/3/2021	ND	μg/L	ND	μg/L	
2,3,7,8-TCDD (SIM)	2/3/2021	ND	μg/L	ND	μg/L	
2,4-Dinitrotoluene	2/3/2021	ND	μg/L	ND	μg/L	
2,6-Dinitrotoluene	2/3/2021	ND	μg/L	ND	μg/L	
2-Chloronaphthalene	2/3/2021	ND	μg/L	ND	μg/L	
3,3'-Dichlorobenzidine	2/3/2021	ND	μg/L	ND	μg/L	
4-Bromophenyl-phenylether	2/3/2021	ND	μg/L	ND	μg/L	
4-Chlorophenyl-phenylether	2/3/2021	ND	μg/L	ND	μg/L	
Acenaphthene	2/3/2021	ND	μg/L	ND	μg/L	
Acenaphthylene	2/3/2021	ND	μg/L	ND	μg/L	
Anthracene	2/3/2021	ND	μg/L	ND	μg/L	
Benzidine	2/3/2021	ND	μg/L	ND	μg/L	
Benzo (a) anthracene	2/3/2021	ND	μg/L	ND	μg/L	
Benzo[a]pyrene	2/3/2021	ND	μg/L	ND	μg/L	
Benzo[b]fluoranthene	2/3/2021	ND	μg/L	ND	μg/L	
Benzo[g,h,i]perylene	2/3/2021	ND	μg/L	ND	μg/L	
Benzo[k]fluoranthene	2/3/2021	ND	μg/L	ND	μg/L	
Bis(2-chloroethoxy)methane	2/3/2021	ND	μg/L	ND	μg/L	
Bis(2-chloroethyl)ether	2/3/2021	ND	μg/L	ND	μg/L	
Bis(2-ethylhexyl)phthalate	2/3/2021	ND	μg/L	ND	μg/L	
Butylbenzylphthalate	2/3/2021	ND	μg/L	ND	μg/L	
Chrysene	2/3/2021	ND	μg/L	ND	μg/L	1
Dibenz[a,h]anthracene	2/3/2021	ND	μg/L	ND	μg/L	1
Diethylphthalate	2/3/2021	ND	μg/L	ND	μg/L	T
		+	+		<del></del>	

μg/L

ND

μg/L

ND

2/3/2021

Dimethylphthalate

### Appendix D Table II (TTO/PPS)

Di-n-butylphthalate	2/3/2021	ND	μg/L	ND	μg/L	
Di-n-octylphthalate	2/3/2021	ND	μg/L	ND	μg/L	
Fluoranthene	2/3/2021	ND	μg/L	ND	μg/L	
Fluorene	2/3/2021	ND	μg/L	ND	μg/L	
Hexachlorobenzene	2/3/2021	ND	μg/L	ND	μg/L	
Hexachlorobutadiene	2/3/2021	ND	μg/L	ND	μg/L	
Hexachlorocyclopentadiene	2/3/2021	ND	μg/L	ND	μg/L	
Hexachloroethane	2/3/2021	ND	μg/L	ND	μg/L	
Indeno[1,2,3-cd]pyrene	2/3/2021	ND	μg/L	ND	μg/L	
Isophorone	2/3/2021	ND	μg/L	ND	μg/L	
Naphthalene	2/3/2021	ND	μg/L	ND	μg/L	
Nitrobenzene	2/3/2021	ND	μg/L	ND	μg/L	
N-Nitrosodimethylamine	2/3/2021	ND	μg/L	ND	μg/L	
N-Nitro-di-n-propylamine	2/3/2021	ND	μg/L	ND	μg/L	
n-Nitrosodiphenylamine	2/3/2021	ND	μg/L	ND	μg/L	
Phenanthrene	2/3/2021	ND	μg/L	ND	μg/L	
Pyrene	2/3/2021	ND	μg/L	ND	μg/L	

Volatiles						
1,1,1-Trichloroethane	2/3/2021	ND	μg/L	ND	μg/L	
1,1,2,2-Tetrachloroethane	2/3/2021	ND	μg/L	ND	μg/L	
1,1,2-Trichloroethane	2/3/2021	ND	μg/L	ND	μg/L	
1,1-Dichloroethane	2/3/2021	ND	μg/L	ND	μg/L	
1,1-Dichloroethene	2/3/2021	ND	μg/L	ND	μg/L	
1,2-Dichlorobenzene	2/3/2021	ND	μg/L	ND	μg/L	
1,2-Dichloroethane	2/3/2021	ND	μg/L	ND	μg/L	
1,2-Dichloropropane	2/3/2021	ND	μg/L	ND	μg/L	
1,3-Dichlorobenzene	2/3/2021	ND	μg/L	ND	μg/L	
1,4-Dichlorobenzene	2/3/2021	ND	μg/L	ND	μg/L	
2-Chloroethyl vinyl ether	2/3/2021	ND	μg/L	ND	μg/L	
Acrolein	2/3/2021	ND	μg/L	ND	μg/L	
Acrylonitrile	2/3/2021	ND	μg/L	ND	μg/L	
Benzene	2/3/2021	ND	μg/L	ND	μg/L	
Bromodichloromethane	2/3/2021	ND	μg/L	ND	μg/L	
Bromoform	2/3/2021	ND	μg/L	ND	μg/L	
Bromomethane	2/3/2021	ND	μg/L	ND	μg/L	
Carbon tetrachloride	2/3/2021	ND	μg/L	ND	μg/L	
Chlorobenzene	2/3/2021	ND	μg/L	ND	μg/L	
Chloroethane	2/3/2021	ND	μg/L	ND	μg/L	
Chloroform	2/3/2021	ND	μg/L	ND	μg/L	
Chloromethane	2/3/2021	ND	μg/L	ND	μg/L	
cis-1,3-Dichloropropene	2/3/2021	ND	μg/L	ND	μg/L	
Dibromochloromethane	2/3/2021	ND	μg/L	ND	μg/L	
Ethylbenzene	2/3/2021	ND	μg/L	ND	μg/L	
Methylene chloride	2/3/2021	ND	μg/L	ND	μg/L	
Tetrachloroethane	2/3/2021	ND	μg/L	ND	μg/L	

## Appendix D Table II (TTO/PPS)

Toluene	2/3/2021	14.7	μg/L	ND	μg/L	100
trans-1,2-Dichloroethene	2/3/2021	ND	μg/L	ND	μg/L	
trans-1,3-Dichloropropene	2/3/2021	ND	μg/L	ND	μg/L	
Trichloroethene	2/3/2021	ND	μg/L	ND	μg/L	
Trichlorofluoromethane	2/3/2021	ND	μg/L	ND	μg/L	
Vinyl chloride	2/3/2021	ND	μg/L	ND	μg/L	

Pesticides/PCBs						
4,4'-DDD	2/3/2021	ND	μg/L	ND	μg/L	
4,4'-DDE	2/3/2021	ND	μg/L	ND	μg/L	
4,4'-DDT	2/3/2021	ND	μg/L	ND	μg/L	
Aldrin	2/3/2021	ND	μg/L	ND	μg/L	
alpha-BHC	2/3/2021	ND	μg/L	ND	μg/L	
alpha-Chlordane	2/3/2021	ND	μg/L	ND	μg/L	
Aroclor-1016	2/3/2021	ND	μg/L	ND	μg/L	
Aroclor-1221	2/3/2021	ND	μg/L	ND	μg/L	
Aroclor-1232	2/3/2021	ND	μg/L	ND	μg/L	
Aroclor-1242	2/3/2021	ND	μg/L	ND	μg/L	
Aroclor-1248	2/3/2021	ND	μg/L	ND	μg/L	
Aroclor-1254	2/3/2021	ND	μg/L	ND	μg/L	
Aroclor-1260	2/3/2021	ND	μg/L	ND	μg/L	
beta-BHC	2/3/2021	ND	μg/L	ND	μg/L	
Chlordane	2/3/2021	ND	μg/L	ND	μg/L	
delta-BHC	2/3/2021	ND	μg/L	ND	μg/L	
Dieldrin	2/3/2021	ND	μg/L	ND	μg/L	
Endosulfan I	2/3/2021	ND	μg/L	ND	μg/L	
Endosulfan II	2/3/2021	ND	μg/L	ND	μg/L	
Endosulfan sulfate	2/3/2021	ND	μg/L	ND	μg/L	
Endrin	2/3/2021	ND	μg/L	ND	μg/L	
Endrin aldehyde	2/3/2021	ND	μg/L	ND	μg/L	
gamma-BHC (Lindane)	2/3/2021	ND	μg/L	ND	μg/L	
gamma-Chlordane	2/3/2021	ND	μg/L	ND	μg/L	
Heptachlor	2/3/2021	ND	μg/L	ND	μg/L	
Heptachlor expoxide	2/3/2021	ND	μg/L	ND	μg/L	
Toxaphene	2/3/2021	ND	μg/L	ND	μg/L	