

August 1, 2023

Ms. Jamie Belcourt
Pretreatment Coordinator
Division of Environmental Quality-Office of Water Quality
5301 Northshore Drive
North Little Rock, AR 72118-5317

RE: Siloam Springs, 2022-2023 Annual Pretreatment Performance Summary NPDES Permit #AR0020273

Dear State Representatives:

The enclosed report covers the 2023 annual pretreatment report for our NPDES Permit # AR0020273. The 2023 report covers the reporting period of July 1, 2022, through June 30, 2023. The 2022-2023 annual performance report meets all applicable requirements of 40 CFR Part 403.12(I) and the requirements of the city's NPDES permit.

The City of Siloam Springs would like to report that none of the permitted industrial users met the criteria for significant non-compliance as defined in 40 CFR 403.8.

No interference, pass through, upset, or POTW permit violations were known or suspected to have been caused by an industrial contributor during this period.

If you have any questions, or comments regarding the 2022-2023 annual report, or if you need additional information, please feel free to contact me.

Respectfully submitted,

Tony Brown

Wastewater Superintendent/Pretreatment Coordinator

Tel: (479) 524-5623 975 Anderson Avenue Siloam Springs, AR 72761

CC: Steve Gorszczyk, Public Works Director

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT

REPORTING YEAR: July 2022 TO June 2023

TREATMENT PLANT: City of Siloam Springs NPDES PERMIT #AR0020273 AVERAGE POTW FLOW: 3.59 MGD % IU FLOW: 20.8%

METALS, CYANIDE and PHENOLS	манс			ATES SAMPLE	:D	WQ level/ limit (µg/l)	E	FFLUENT DA (μ	TES SAMPLI	LABORATORY ANALYSIS				
	(Total) (μg/l) (2)		Once	quarter				Once/	quarter		EPA MQL	EPA Method	Detection Level	
	(2)	(2)	Date	Date	Date	Date	(2)	Date	Date	Date	Date	(μg/l) (1)	Used (1)	Achieved (μg/l)
		8-10-22	11-09-22	02-22-23	05-24-23		8-10-22	11-09-22	02-22-23	05-24-23	(.)		407	
Antimony	N/A	ND	ND	ND	ND	N/A	ND	ND	ND	2.17	60	200.8	2.08	
Cadmium	3.42	ND	ND	ND	ND	1.08	ND	ND	ND	ND	0.5	200.8	.260	
Copper	106.49	29.2	21.4	16.2	22.9	12.97	2.96	1.63	1.22	1.54	0.5	200.8	.260	
Lead	6.92	3.62	0.580	0.447	0.801	2.7	0.328	ND	ND	0.359	0.5	200.8	.260	
Mercury	.03	<0.005	<0.005	<0.005	<0.005	0.01339	<0.005	<0.005	<0.005	0.011	0.005	245.7	.200	
Nickel	297.99	3.99	2.66	2.11	3.25	165.86	2.22	1.29	1.30	2.15	0.5	200.8	.52	
Selenium	10.0	ND	ND	ND	ND	5	ND	ND	ND	ND	5	200.8	4.94	
Silver	15.4	ND	ND	ND	ND	3.85	ND	ND	ND	ND	0.5	200.8	.312	
Zinc	330.87	145	83.5	63.5	91.2	110.28	62.3	32.9	34.4	40.8	20	200.8	20.8	
Chromium	314.66	2.69	1.12	1.15	1.46	50	0.507	ND	0.477	ND	10	200.8	.260	
Cyanide	18.72	ND	ND	ND	ND	5.8	ND	ND	ND	ND	10	SM 4500- CN B, E- 2011	0.010	
Arsenic	100	1.34	0.443	0.319	0.596	190	0.388	0.286	ND	0.290	0.5	200.8	.260	
Molybdenum	200	1.93	1.11	1.75	2.16	N/A	1.30	0.789	1.82	2.03		200.8	.603	
PhenoIs	N/A	0.0119	0.0506	0.0219	0.0410	N/A	ND	ND	ND	0.00735	5	420.1-1978	0.00500	
Beryllium	11.83	ND	ND	ND	ND	5.915	ND	ND	ND	ND	0.5	200.8	.260	
Thallium	N/A	ND	ND	ND	ND	N/A	ND	ND	ND	ND	0.5	200.8	.260	
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		40 CFR	Control Document		New User	Times Inspected	Times Sampled	Compl	NC, or SNC)	Permit Limits		
	SIC/NAICS Code	XXX							(Denote parameter			
		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	7/21/22	N	1	1	N/A	С	С	С	Y
GATES RUBBER	3052	428	Y	7/22/22	N	1	1	N/A	С	С	С	Y
SIMMONS FOOD	2015	N/A	Y	7/27/22	N	1	1	N/A	С	С	С	Y

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

Industrial User	Nature of Violation			Numbe	r of Act	ion Taken		Penalties	Compli Sched	ance lule	Current	Comments
Name	Reports	Limits	N.O.V.	A.O.	Civil	Criminal	Other	Collected	Date Issued	Date Due	Status	Conuneries
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

Control Authority NameCITY OF SILOAM SPRINGS
Address 975 Anderson Avenue, P.O. Box 80
City Siloam Springs State/Zip 72761
Contact Person Tony Brown Position Wastewater Superintendent
Contact Telephone 479-524-5623 NPDES Permit Nos. AR0020273
Reporting Period July 1, 2022 June 30, 2023
(Beginning Month, day, and Year) (Ending Month, day, and Year)
Total Number of Categorical IUs
Total Number of Significant Noncategorical IUs2
Total Number of Non-Significant (yet permitted) IUs0
II. Significant Industrial User Compliance
SIGNIFICANT INDUSTRIAL USERS Categorical NonCategorical
1) No. of SIUs Submitting BMRs/Total No. Required
2) No. of SIUs Submitting 90-Day Compliance Reports / No. Required
3) No. of SIUs Submitting Semiannual Reports / Total No. Required
4) No. of SIUs Meeting Compliance Schedule / Total No. Required to Meet Schedule 1/1 2/2
5) No. of SIUs in Significant Noncompliance / Total No. of SIUs
6) Rate (%) of Significant Noncompliance for all SIUs (categorical and noncategorical). 0/3

III. Compliance Monitoring Program

Authorized Representative

			INDUSTRIAL USERS
		Categorical	NonCategorical
1)	No. of Control Documents Issued / Total No. Required		2/2
2)	No. of Non-sampling Inspections Conducted / Total No. Required		2/2
3)	No. of Sampling Visits Conducted / Total No Required		2/2
4)	No. of Facilities Inspected (nonsampling) / Total No. Required		2/2
5)	No. of Facilities Sampled / Total No. Required	1/1	2/2
	IV. Enforcement Act	ions	
		SIGNIFICAN Categorical	I 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
8)	Other Actions (sewer bans, etc.)	. 0	0
The	following certification must be signed for t	this form to	be considered complete:
	ertify that the information contained herein my knowledge.	is complete	and accurate to the best
	Tony Brown		

Date 8-1-2023

Appendix D Table II (TTO/PPS)

Analyte	Sample Date	Influent Concentration	Units	Effluent Concentrations	Units	*PQL Inf	*POL Eff
Acid Compounds							
2,4,6-Trichlorophenol	2/15/2023	ND	µg/L	ND	µg/L	10.0	10.0
2,4-Dichlorophenol	2/15/2023	ND	µg/L	ND	μg/L	10.0	10.0
2,4-Dimeethylphenol	2/15/2023	ND	μg/L	ND	μg/L	10.0	10.0
2,4-Dinitrophenol	2/15/2023	ND	µg/L	ND	μg/L	50.0	50.0
2-Chlorophenol	2/15/2023	ND	μg/L	ND	μg/L	10.0	10.0
2-Nitrophenol	2/15/2023	ND	µg/L	ND	μg/L	20.0	20.0
4,6-Dinitro-o-cresol	2/15/2023	ND	μg/L	ND	μg/L	50.0	50.0
4-Chloro-3-methlphenol	2/15/2023	ND	μg/L	ND	μg/L	10.0	10.0
4-Nitrophenol	2/15/2023	ND	µg/L	ND	μg/L	50.0	50.0
Pentachlorophenol	2/15/2023	ND	μg/L	ND	μg/L	10.0	5.00
Phenol	2/15/2023	ND	μg/L	ND	µg/L	10.0	10.0
Base/Neutral Compounds							
1,2,4-Trichlorobenzene	2/15/2023	ND	µg/L	ND	µg/L	10.0	10.00
	- / /			***	1.		40.00

Base/Neutral Compounds							
1,2,4-Trichlorobenzene	2/15/2023	ND	Hg/L	OM	µg/L	10.0	10.00
1,2-Dichlorobenzene	2/15/2023	ND	μg/L	ND	μg/L	10.0	10.00
1,2-Diphenyl Hydrazine	2/15/2023	ND	μg/L	ND	µg/L	20.0	20.00
1,3-Dichlorobenzene	2/15/2023	ND	μg/L	ND	µg/L	10.0	10.00
1,4-Dichlorobenzene	2/15/2023	ND	µg/L	ND	µg/L	10.0	10.00
2,2'-Oxybis(1-Chlorpropane)	2/15/2023	ND	μg/L	ND	μg/L	10.0	10.00
2,3,7,8-TCDD (SIM)	2/15/2023	ND	μg/L	ND	µg/L	10.0	10.00
2,4-Dinitrotoluene	2/15/2023	ND	μg/L	ND	μg/L	10.0	10.00
2,6-Dinitrotoluene	2/15/2023	ND	µg/L	ND	μg/L	10.0	10.00
2-Chloronaphthalene	2/15/2023	ND	µg/L	ND	μg/L	10.0	10.00
3,3'-Dichlorobenzidine	2/15/2023	ND	µg/L	ND	µg/L	10.0	5.00
4-Bromophenyl-phenylether	2/15/2023	ND	µg/L	ND	µg/L	10.0	10.00
4-Chlorophenyl-phenylether	2/15/2023	ND	μg/L	ND	µg/L	10.0	10.00
Acenaphthene	2/15/2023	ND	μg/L	ND	µg/L	10.0	10.00
Acenaphthylene	2/15/2023	ND	µg/L	ND	μg/L	10.0	10.00
Anthracene	2/15/2023	ND	µg/L	ND	μg/L	10.0	10.00
Benzidine	2/15/2023	ND	µg/L	ND	μg/L	50.0	50.00
Benzo (a) anthracene	2/15/2023	ND	µg/L	ND	μg/L	10.0	5.00
Benzo[a]pyrene	2/15/2023	ND	µg/L	ND	µg/L	10.0	5.00
Benzo[b]fluoranthene	2/15/2023	ND	µg/L	ND	µg/L	10.0	10.00
Benzo[g,h,i]perylene	2/15/2023	ND	μg/L	ND	µg/L	20.0	20.00
Benzo[k]fluoranthene	2/15/2023	ND	µg/L	ND	µg/L	10.0	5.00
Bis(2-chloroethoxy)methane	2/15/2023	ND	µg/L	ND	µg/L	10.0	10.00
Bis(2-chloroethyl)ether	2/15/2023	ND	μg/L	ND	μg/L	10.0	10.00
Bis(2-ethylhexyl)phthalate	2/15/2023	ND	µg/L	ND	µg/L	10.0	10.00
Butylbenzylphthalate	2/15/2023	ND	µg/L	ND	µg/L	10.0	10.00
Chrysene	2/15/2023	ND	µg/L	ND	µg/L	10.0	5.00
Dibenz[a,h]anthracene	2/15/2023	ND	µg/L	ND	µg/L	10.0	5.00
Diethylphthalate	2/15/2023	ND	µg/L	ND	µg/L	10.0	10.00
Dimethylphthalate	2/15/2023	ND	µg/L	ND	µg/L	10.0	10.00
Di-n-butylphthalate	2/15/2023	ND	µg/L	ND	µg/L	10.0	10.00
Di-n-octylphthalate	2/15/2023	ND	µg/L	ND	µg/L	10.0	10.00
Fluoranthene	2/15/2023	ND	µg/L	ND	µg/L	10.0	10.00
Fluorene	2/15/2023	ND	µg/L	ND	µg/L	10.0	10.00
Hexachlorobenzene	2/15/2023	ND	µg/L	ND	µg/L	10.0	5.00
Hexachlorobutadiene	2/15/2023	ND	µg/L	ND	µg/L	10.0	10.00
Hexachlorocyclopentadiene	2/15/2023	ND	µg/L	ND	µg/L	10.0	10.00
Hexachloroethane	2/15/2023	ND	μg/L	ND	µg/L	20.0	20.00
indeno[1,2,3-cd]pyrene	2/15/2023	ND	μg/L	ND	µg/L	10.0	5.00
sophorone	2/15/2023	ND	µg/L	ND	μg/L	10.0	10.00
Naphthalene	2/15/2023	ND	µg/L	ND	µg/L	10.0	10.00
Nitrobenzene	2/15/2023	ND	µg/L	ND	μg/L	10.0	10.00
N-Nitrosodimethylamine	2/15/2023	ND		ND		50.0	50.00
		ND	µg/L	ND	μg/L	20.0	20.00
N-Nitro-di-n-propylamine	2/15/2023		μg/L	ND	μg/L	20.0	20.00
n-Nitrosodiphenylamine	2/15/2023	ND	µg/L		μg/L		
Phenanthrene Pyrene	2/15/2023 2/15/2023	ND ND	μg/L μg/L	ND ND	μg/L μg/L	10.0	10.00

Volatiles							
1,1,1-Trichloroethane	2/15/2023	ND	μg/L	ND	µg/L	10.0	10.0
1,1,2,2-Tetrachloroethane	2/15/2023	ND	µg/L	ND	μg/L	10.0	10.0
1,1,2-Trichloroethane	2/15/2023	ND	μg/L	ND	μg/L	10.0	10.0
1,1-Dichloroethane	2/15/2023	ND	µg/L	ND	μg/L	10.0	10.0
1,1-Dichloroethene	2/15/2023	ND	µg/L	ND	μg/L	10.0	10.0
1,2-Dichloroethane	2/15/2023	ND	µg/L	ND	µg/L	10.0	10.0
1,2-Dichloropropane	2/15/2023	ND	µg/L	ND	µg/L	10.0	10.0
2-Chloroethyl vinyl ether	2/15/2023	ND	µg/L	ND	µg/L	10.0	10.0
Acrolein	2/15/2023	ND	µg/L	ND	µg/L	50.0	50.0
Acrylonitrile	2/15/2023	ND	µg/L	ND	µg/L	20.0	20.0
Benzene	2/15/2023	ND	μg/L	ND	μg/L	10.0	10.0
Bromodichloromethane	2/15/2023	ND	μg/L	ND	μg/L	10.0	10.0
Bromoform	2/15/2023	ND	µg/L	ND	μg/L	10.0	10.0
Bromomethane	2/15/2023	ND	μg/L	ND	μg/L	50.0	50.0
Carbon tetrachloride	2/15/2023	ND	µg/L	ND	μg/L	10.0	2.00
Chlorobenzene	2/15/2023	ND	μg/L	ND	μg/L	10.0	10.0
Chloroethane	2/15/2023	ND	µg/L	ND	μg/L	50.0	50.0
Chloroform	2/15/2023	ND	µg/L	ND	µg/L	10.0	10.0
Chloromethane	2/15/2023	ND	μg/L	ND	µg/L	50.0	50.0
Dibromochloromethane	2/15/2023	ND	µg/L	ND	μg/L	10.0	10.0
Ethylbenzene	2/15/2023	ND	μg/L	ND	μg/L	10.0	10.0
Methylene chloride	2/15/2023	ND	µg/L	ND	µg/L	20.0	20.0
Tetrachloroethane	2/15/2023	ND	µg/L	ND	µg/L	10.0	10.0
Toluene	2/15/2023	14.7	μg/L	ND	μg/L	10.0	10.0
trans-1,2-Dichloroethene	2/15/2023	ND	µg/L	ND	μg/L	10.0	10.0
trans-1,3-Dichloropropene	2/15/2023	ND	μg/L	ND	μg/L	10.0	10.0
Trichloroethene	2/15/2023	ND	μg/L	ND	µg/L	10.0	10.0
Vinyl chloride	2/15/2023	ND	μg/L	ND	μg/L	10.0	10.0

Pesticides/PCBs							
4,4'-DDD	2/15/2023	ND	µg/L	ND	µg/L	0.033	0.033
4,4'-DDE	2/15/2023	ND	μg/L	ND	µg/L	0.020	0.012
4,4'-DDT	2/15/2023	ND	µg/L	ND	µg/L	0.036	0.036
Aldrin	2/15/2023	ND	µg/L	ND	µg/L	0.010	0.010
alpha-BHC	2/15/2023	ND	µg/L	ND	µg/L	0.010	0.009
alpha-Chlordane	2/15/2023	ND	μg/L	ND	μg/L	0.050	0.050
Aroclor-1016	2/15/2023	ND	μg/L	ND	μg/L	0.250	0.200
Aroclor-1221	2/15/2023	ND	μg/L	ND	μg/L	0.250	0.200
Aroclor-1232	2/15/2023	ND	μg/L	ND	µg/L	0.250	0.200
Aroclor-1242	2/15/2023	ND	μg/L	ND	μg/L	0.250	0.200
Aroclor-1248	2/15/2023	ND	µg/L	ND	μg/L	0.250	0.200
Aroclor-1254	2/15/2023	ND	µg/L	ND	µg/L	0.250	0.200
Aroclor-1260	2/15/2023	ND	µg/L	ND	µg/L	0.250	0.200
beta-BHC	2/15/2023	ND	µg/L	ND	μg/L	0.018	0.018
Chlordane	2/15/2023	ND	µg/L	ND	µg/L	0.250	0.042
delta-BHC	2/15/2023	ND	µg/L	ND	μg/L	0.012	0.012
Dieldrin	2/15/2023	ND	μg/L	ND	µg/L	0.020	0.020
Endosulfan I	2/15/2023	ND	µg/L	ND	μg/L	0.042	0.042
Endosulfan II	2/15/2023	ND	μg/L	ND	μg/L	0.020	0.012
Endosulfan sulfate	2/15/2023	ND	µg/L	ND	μg/L	0.020	0.012
Endrin	2/15/2023	ND	μg/L	ND	µg/L	0.020	0.018
Endrin aldehyde	2/15/2023	ND	µg/L	ND	µg/L	0.070	0.070
gamma-BHC (Lindane)	2/15/2023	ND	μg/L	ND	μg/L	0.027	0.027
gamma-Chlordane	2/15/2023	ND	μg/L	ND	μg/L	0.050	0.050
Heptachlor	2/15/2023	ND	µg/L	ND	μg/L	0.050	0.050
Heptachlor expoxide	2/15/2023	ND	µg/L	ND	μg/L	0.010	0.010
Toxaphene	2/15/2023	ND	µg/L	ND	µg/L	0.300	0.300

July 2022 to June 2023

	Influent (ppb)						Effluer	t (ppb)			Percent		
	1st	2nd	3rd	4th	Average	Maximum	1st	2nd	3rd	4th	Average	Maximum	Removed
Antimony	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.17	2.08	2.17	0.00%
Cadmium Total	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.00%
Copper Total	29.2	21.4	16.2	22.9	22.425	29.2	2.96	1.63	1.22	1.54	1.8375	2.96	91.81%
Lead Total	3.62	0.58	0.447	0.801	1.362	3.62	0.328	0.260	0.260	0.359	0.30175	0.359	77.85%
Mercury Total	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.011	0.0065	0.011	-30.00%
Nickel Total	3.99	2.66	2.11	3.25	3.0025	3.99	2.22	1.29	1.30	2.15	1.74	2.22	42.05%
Selenium Total	4.94	4.94	4.94	4.94	4.94	4.94	4.94	4.94	4.94	4.94	4.94	4.94	0.00%
Silver Total	0.312	0.312	0.312	0.312	0.312	0.312	0.312	0.312	0.312	0.312	0.312	0.312	0.00%
Zinc Total	145	83.5	63.5	91.2	95.8	145	62.3	32.9	34.4	40.8	42.6	62.3	55.53%
Chromium Total	2.69	1.12	1.15	1.46	1.605	2.69	0.507	0.260	0.477	0.260	0.376	0.507	76.57%
Cyanide Total	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.00%
Arsenic	1.34	0.443	0.319	0.596	0.6745	1.34	0.388	0.286	0.260	0.290	0.306	0.388	54.63%
Molybdenum	1.93	1.11	1.75	2.16	1.7375	2.16	1.30	0.798	1.82	2.03	1.487	2.03	14.42%
Phenois	0.0119	0.00500	0.00500	0.0410	0.015725	0.0410	0.00500	0.00500	0.00500	0.00735	0.005588	0.00735	64.47%
Beryllium	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.00%
Thallium	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.00%