MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: June, 2017 TO July, 2018
TREATMENT PLANT: City of Siloam Springs NPDES PERMIT #AR0020273
AVERAGE POTW FLOW: 2.69 MGD % IU FLOW: 25%

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)
		7/26/17	11/15/17	2/21/18	5/9/18		7/26/17	11/15/17	2/21/18	5/9-18			
Antimony	N/A	ND	ND	ND	ND	N/A	ND	ND	ND	ND	60	200.8	0.800
Cadmium	3.42	ND	ND	ND	ND	1.08	ND	ND	ND	ND	0.5	200.8	0.200
Copper	106.49	41.2	41.5	25.6	14.1	12.97	.400	.400	.280	ND	0.5	200.8	0.200
Lead	6.92	1.30	1.30	1.20	.350	2.7	.005	.005	.012	.016	0.5	200.8	0.200
Mercury	.03	.43	.005	.52	0.005	.01339	.005	.005	.012	.016	0.005	245.7	0.005
Nickel	297.99	3.40	5.20	2.80	1.96	165.86	1.64	2.52	1.10	1.20	0.5	200.8	0.200
Selenium	10.0	2.00	ND	ND	ND	5	.300	ND	.440	ND	5	200.8	0.400
Silver	15.4	ND	ND	ND	ND	3.85	ND	ND	ND	ND	0.5	200.8	0.200
Zinc	330.87	154	136	ND	50.2	110.28	48.3	35.0	24.7	28.9	20	200.8	20.0
Chromium	314.66	1.10	1.00	ND	.510	50	ND	.320	.200	ND	10	200.8	0.200
Cyanide	18.72	ND	ND	ND	ND	5.8	ND	ND	ND	ND	10	SM 4500-CN B, E-2011	0.10
Arsenic	100	ND	ND	ND	.498	190	.260	ND	ND	.261	0.5	200.8	0.200
Molybdenum	200	18.8	2.40	5.10	10.4	N/A	14.0	2.52	2.24	4.35	--	200.8	0.200
Phenols	N/A	.0225	.0396	.0196	.0187	N/A	ND	.0168	ND	ND	5	420.1-1978	0.0168
Beryllium	11.83	ND	ND	ND	ND	5.915	ND	ND	ND	ND	0.5	200.8	0.200
Thallium	N/A	ND	ND	ND	ND	N/A	ND	ND	ND	ND	0.5	200.8	0.200
Flow, MGD	N/A					N/A							
(3)													

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: June, 2018 TO July, 2019
TREATMENT PLANT: City of Siloam Springs NPDES PERMIT #AR0020273
AVERAGE POTW FLOW: 3.13 MGD % IU FLOW: 16%

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)
		8-13-18	11-7-18	3-5-19	5-16-19		8-14-18	11-8-18	3-13-19	5-17-19			
Antimony	N/A	ND	ND	ND	ND	N/A	ND	ND	ND	ND	60	200.8	2.08
Cadmium	3.42	ND	ND	ND	ND	1.08	ND	ND	ND	ND	0.5	200.8	0.260
Copper	106.49	74.2	62.3	22.4	17.7	12.97	2.01	1.98	1.99	1.78	0.5	200.8	0.260
Lead	6.92	3.37	3.09	0.80	0.576	2.7	ND	ND	0.311	ND	0.5	200.8	0.260
Mercury	.03	0.056	.014	.043	<0.005	.01339	<.005	<0.005	<.005	<0.005	0.005	245.7	0.005
Nickel	297.99	6.38	5.19	1.36	2.36	165.86	1.32	1.62	1.28	1.72	0.5	200.8	0.52
Selenium	10.0	ND	ND	ND	ND	5	ND	ND	ND	ND	5	200.8	2.08
Silver	15.4	ND	ND	ND	ND	3.85	ND	ND	ND	ND	0.5	200.8	0.260
Zinc	330.87	276	225	96	66.4	110.28	24.1	51.1	38.9	38	20	200.8	20.8
Chromium	314.66	5.25	3.76	1.19	0.98	50	0.261	0.27	0.342	ND	10	200.8	0.260
Cyanide	18.72	ND	ND	ND	ND	5.8	ND	ND	ND	ND	10	SM 4500-CN B, E-2011	0.010
Arsenic	100	1.48	0.992	0.27	0.42	190	0.311	0.322	0.264	0.328	0.5	200.8	0.260
Molybdenum	200	11.4	5.95	4.9	5.75	N/A	3.63	3.56	6.31	5.94	--	200.8	0.603
Phenols	N/A	0.05	0.0283	0.211	0.518	N/A	ND	ND	ND	ND	5	420.1-1978	0.00500
Beryllium	11.83	ND	ND	ND	ND	5.915	ND	ND	ND	ND	0.5	200.8	0.260
Thallium	N/A	ND	ND	ND	ND	N/A	ND	ND	ND	ND	0.5	200.8	0.260
Flow, MGD	N/A					N/A							
(3)													

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: June 2019 TO July 2020
TREATMENT PLANT: City of Siloam Springs NPDES PERMIT #AR0020273
AVERAGE POTW FLOW: 3.38 MGD % IU FLOW: 16.5%

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)
		8-7-19	10-24-19	1-29-20	5-6-20		8-7-19	10-24-19	1-29-20	5-6-20			
Antimony	N/A	ND	ND	ND	ND	N/A	ND	ND	ND	ND	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	26.8	20.0	25.3	43.7	12.97	2.66	3.84	2.60	3.04	0.5	200.8	.260
Lead	6.92	0.911	0.590	1.41	2.28	2.7	0.285	ND	0.265	0.269	0.5	200.8	.260
Mercury	.03	0.096	0.034	<0.005	<0.005	0.01339	0.007	0.008	0.0093	0.0082	0.005	245.7	.200
Nickel	297.99	3.23	1.88	3.29	4.33	165.86	1.93	1.09	2.23	2.28	0.5	200.8	.52
Selenium	10.0	ND	ND	ND	ND	5	ND	ND	ND	ND	5	200.8	2.08
Silver	15.4	ND	ND	ND	ND	3.85	ND	ND	ND	ND	0.5	200.8	.260
Zinc	330.87	118	87.9	117	235	110.28	69.0	47.7	42.8	56.3	20	200.8	20.8
Chromium	314.66	1.48	3.50	ND	2.70	50	ND	0.470	0.343	0.407	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	0.495	0.456	0.505	0.929	190	0.308	0.289	0.345	0.470	0.5	200.8	.260
Molybdenum	200	1.31	3.29	2.77	2.27	N/A	1.03	3.91	2.39	1.72	--	200.8	.603
Phenols	N/A	0.02	0.0290	0.0206	0.0341	N/A	ND	ND	ND	0.0110	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)													

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, 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)
		7-22-20	11-11-20	3-17-21	6-2-21		7-22-20	11-11-20	3-17-21	6-2-21			
Antimony	N/A	ND	ND	ND	ND	N/A	ND	ND	ND	ND	60	200.8	2.00
Cadmium	3.42	ND	ND	ND	ND	1.08	ND	ND	ND	ND	0.5	200.8	.250
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	.380
Lead	6.92	2.43	0.947	0.617	0.356	2.7	ND	0.271	ND	ND	0.5	200.8	.250
Mercury	.03	0.016	0.029	0.027	0.019	0.01339	2.5	0.32	0.011	0.017	0.005	245.7	0.0050
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	.50
Selenium	10.0	ND	ND	ND	ND	5	ND	ND	ND	ND	5	200.8	5.00
Silver	15.4	ND	ND	ND	ND	3.85	ND	ND	ND	ND	0.5	200.8	.300
Zinc	330.87	234	89.7	57.5	39.3	110.28	64.7	59.4	34.7	32.1	20	200.8	20.0
Chromium	314.66	2.97	0.882	0.589	0.537	50	ND	ND	ND	ND	10	200.8	.250
Cyanide	18.72	ND	ND	ND	ND	5.8	ND	ND	ND	ND	10	SM 4500-CN B, E-2011	0.010
Arsenic	100	5.83	0.403	0.414	0.433	190	1.19	0.275	ND	0.311	0.5	200.8	.250
Molybdenum	200	2.10	1.52	1.13	0.837	N/A	2.91	1.66	0.767	0.737	--	200.8	.580
Phenols	N/A	0.0549	0.0334	0.0245	0.0428	N/A	ND	ND	ND	0.0124	5	420.1-1978	0.00500
Beryllium	11.83	ND	ND	ND	ND	5.915	ND	ND	ND	ND	0.5	200.8	.250
Thallium	N/A	ND	ND	ND	ND	N/A	ND	ND	ND	ND	0.5	200.8	.250
Flow, MGD	N/A					N/A							
(3)													