



# Monthly Mineral Analyses

Date of Sample: September 14, 2021

## UTILITIES

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.03	0.92	2.59	0.42	1.33	0.22	0.20
Sodium	74.3	55.9	129	27.4	47.8	72.9	78.4
Iron	0.024	0.600	1.59	0.384	1.19	0.008	<0.007
Manganese	0.02	0.02	0.09	0.06	0.21	0.002	0.005
Copper	<0.002	<0.002	0.003	<0.002	<0.0025	<0.002	0.002
Lead	<0.0005	<0.0005	0.001	<0.0005	<0.0023	<0.0005	<0.0005
Bromide	0.48	0.36	0.70	0.22	0.40	0.25	0.29
Conductivity	677	618	1064	386	667	676	731
Total Alkalinity	150	167	166	131	223	136	147
Calcium	51	69	82	48	68	58	59
Chloride	87	74	191	31	59	83	93
Fluoride	0.26	0.23	0.21	0.30	0.38	0.37	0.39
Total Hardness	160	180	240	136	-	172	184
pH	8.30	8.57	8.07	7.77	8.44	8.18	8.08
Silica, Dissolved	20.3	24.4	25.6	11.1	12.2	15.1	16.5
Sulfate	50	42	74	28	49	69	71
Turbidity	3.2	22	45	11	84	0.35	0.10
Dissolved Solids	348	356	638	192	-	332	414
Suspended Solids	3	17	39	14	49	<2	<2
Nitrate	0.08	0.09	0.22	0.34	0.06	0.32	0.40
Nitrite	<0.025	<0.025	<0.025	<0.025	<0.042	<0.025	<0.025
Ortho-Phosphate	0.06	0.16	0.20	0.16	0.28#	0.08	0.06
Atrazine	<2.5	<2.5	<2.5	<2.5	<0.11		
Total Arsenic	6.4	7.0	8.0	4.5	6.96		
Dissolved Arsenic	6.2	6.9	7.5	4.1	<6.45		
Barium	0.07	0.12	0.13	0.09	0.14		
Cadmium	<0.001	<0.001	<0.001	<0.001	<0.0006		
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0001		

Results expressed in mg/L, except as follows: Conductivity-umhos/cm, pH- SU, Turbidity - NTU, Total Hardness/Total Alkalinity - mg/L as CaCO3, and Atrazine, Total Arsenic, Dissolved Arsenic - µg/L. # - Total Phosphorus measurement.

As of January 2021, Stevens Treated (Plant #1) and Stevens Treated (Plant #2) have been combined into a single sample location and entry point. Monthly Mineral Reports will now only show sample results for the combined 'Stevens Treated'.

Reviewed by: [Signature] Title: QA Officer Date: 10-04-21

Approved by: [Signature] Title: Laboratory Manager Date: 10/4/21