


## Monthly Mineral Analyses

Date of Sample: May 16, 2023

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.106	0.143	0.802	1.13	2.57	0.144	0.153
Sodium	63.5	104.0	57.1	12.1	9.1	75.6	89.5
Iron	0.077	0.071	0.310	0.887	3.82	<0.007	0.007
Manganese	0.007	0.014	0.047	0.052	0.423	0.002	0.002
Copper	<0.002	<0.002	0.002	0.003	0.005	<0.002	<0.002
Lead	0.0005	<0.0005	0.0014	0.0021	0.0143	<0.0005	<0.0005
Bromide	0.63	0.36	0.28	<0.05	<0.08	0.23	0.24
Conductivity	808	687	514	201	199	666	791
Total Alkalinity	190	212	122	88	102	117	132
Calcium	61	74	45	26	64	50	64
Chloride	532	351	317	56	9.2	353	492
Fluoride	0.20	0.17	0.19	0.17	0.24	0.07	0.08
Total Hardness	176	188	116	72	183	140	180
pH	8.43	8.41	7.80	7.63	8.03	7.79	7.93
Silica, Dissolved	28.5	26.3	21.6	43.5	5.06	16.7	23.7
Sulfate	239	183	119	24	11	275	311
Turbidity	11.3	16.7	129	137	179	0.06	0.06
Dissolved Solids	518	456	402	294	218	430	504
Suspended Solids	11	6	23	12	520	<2	<2
Nitrate	<0.025	<0.025	0.59	0.89	0.52	0.56	0.50
Nitrite	<0.025	<0.025	<0.025	<0.025	0.23	<0.025	<0.025
Ortho-Phosphate	<0.05	0.21	0.26	0.14	0.11	<0.05	<0.05
Atrazine	<2.50	<2.50	<2.50	<2.50	<1.82		
Total Arsenic	8.55	8.32	7.41	2.50	<4.18		
Dissolved Arsenic	--	--	--	--	<6.45		
Barium	0.130	0.106	0.096	0.099	0.205		
Cadmium	<0.001	<0.001	<0.001	<0.001	<0.003		
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 CaCO<sub>3</sub>, and Atrazine, Total Arsenic, Dissolved Arsenic – µg/L.

Reviewed by:  Title: Quality Assurance Officer Date: 05/16/2023