


## Monthly Mineral Analyses

Date of Sample: March 12, 2024

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.31	0.24	0.31	0.71	0.45	0.59	0.17
Sodium	110	83	180	5	46	120	120
Iron	0.17	0.14	0.25	0.42	0.35	0.37	0.0065
Manganese	0.033	0.019	0.081	0.034	0.086	0.025	0.019
Copper	0.0022	0.0043	0.0039	0.0028	<0.0036	0.0033	0.0028
Lead	0.00045	0.00035	0.00024	0.00097	<0.00312	0.00024	<0.00014
Bromide	0.82	0.58	1.04	<0.05	0.64	0.47	0.43
Conductivity	957	881	1510	137	696	1065	972
Total Alkalinity	157.1	191.9	203.3	47.5	192.0	128.6	119.2
Calcium	84.4	135.8	133.9	18.4	65.7	124.8	137.6
Chloride	151.4	121.5	287.4	7.8	58.7	179.4	159.7
Fluoride	0.22	0.21	0.19	0.12	0.62	0.40	0.39
Total Hardness	228	280	312	68	235	272	248
pH	8.35	8.34	7.97	6.8	8.65	7.93	7.79
Silica, Dissolved	19	25	27	13	<0.08	17	16
Sulfate	65.3	55.4	97.6	3.6	61.9	95.9	92.5
Turbidity	18.9	25.4	14.5	78.5	16.3	0.1	0.6
Dissolved Solids	498	576	858	210	405	622	622
Suspended Solids	19.6	19.8	8.1	11.5	8.2	<2.5	5.4
Nitrate	<0.025	<0.025	0.24	0.52	0.85	0.37	0.39
Nitrite	<0.025	<0.025	<0.025	<0.025	0.676	<0.025	<0.025
Ortho-Phosphate	<0.05	0.29	0.29	0.15	0.05	<0.05	<0.05
Atrazine	<0.60	<0.60	<0.60	<0.60	<1.67		
Total Arsenic	9.4	9.9	11.0	1.8	<4.2		
Dissolved Arsenic	9.1	1.3	12	1.9	<6.5		
Barium	0.12	0.15	0.17	0.07	0.12		
Cadmium	<0.00026	<0.00026	<0.00026	<0.00026	<0.00035		
Mercury	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005		

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: 03/25/2024