

Monthly Mineral Analyses

Date of Sample: April 15, 2025

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.67	1.30	0.74	1.00	0.18	0.22	0.27
Sodium	150	130	320	41	55	94	82
Iron	0.450	0.790	0.480	0.790	0.186	0.043	0.037
Manganese	0.051	0.029	0.070	0.064	0.044	0.001	0.001
Copper	0.0023	0.0025	0.0057	0.0110	<0.0022	0.0034	0.0013
Lead	0.00063	0.00064	0.00080	0.00120	<0.00272	<0.00037	<0.00037
Bromide	1.02	0.82	1.78	0.20	0.41	0.35	0.33
Conductivity	1138	1144	2350	559	769	876	765
Total Alkalinity	193.11	231.29	244.42	167.26	203.00	147.46	141.40
Calcium	75.41	113.11	172.13	60.66	60.60	68.85	52.46
Chloride	178.4	167.0	454.5	53.6	81.8	96.6	87.4
Fluoride	0.29	0.22	0.33	0.36	0.72	0.74	0.71
Total Hardness	224.0	288.0	432.00	192.0	240.0	216.0	196.0
pH	8.26	8.53	8.38	7.72	8.49	7.63	7.63
Silica, Dissolved	30	33	33	16	3	9	8
Sulfate	75.3	71.3	159.5	37.8	55.1	84.3	90.9
Turbidity	25.0	29.0	21.0	120.0	11.1	0.1	0.1
Dissolved Solids	700	750	1406	108	248	538	450
Suspended Solids	9.6	27.7	21.5	50.5	15.1	<2.8	<2.5
Nitrate	<0.01	<0.01	<0.01	1.35	0.92	1.23	1.30
Nitrite	0.0100	<0.0025	<0.0025	<0.0025	<0.0718	0.0120	0.0110
Ortho-Phosphate	0.019	0.310	0.250	0.500	0.716	0.010	0.021
Atrazine	<0.21	<0.21	<0.21	0.23	<0.25		
Total Arsenic	12.0	13.0	14.0	3.3	5.1		
Dissolved Arsenic	12.0	13.0	14.0	3.3	7.6		
Barium	0.16	0.22	0.25	0.12	0.11		
Cadmium	<0.00026	<0.00026	<0.00026	<0.00026	<0.00049		
Mercury	<0.00005	<0.00005	<0.00005	<0.00005	<0.00013		

Results expressed in mg/L, except as follows: Conductivity—µmhos/cm, pH— SU, Turbidity – NTU, Total Hardness/Total Alkalinity – mg/L as CaCO₃, and Atrazine, Total Arsenic, Dissolved Arsenic – µg/L. LE-Lab Error

Reviewed by:  Title: Quality Assurance Officer Date: 04/24/2025