

Monthly Mineral Analyses

Date of Sample: January 14, 2025

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.87	0.67	0.08	0.58	2.06	0.10	0.11
Sodium	140	110	61	28	20	140	130
Iron	0.550	0.470	0.057	0.460	1.170	0.007	<0.006
Manganese	0.036	0.016	0.065	0.013	0.052	0.001	0.001
Copper	0.0027	0.0028	0.0019	0.0018	0.0034	0.0023	0.0021
Lead	0.00069	0.00045	<0.00037	0.00041	0.00341	<0.00037	<0.00037
Bromide	0.82	0.68	0.27	0.11	<0.07	0.35	0.32
Conductivity	1071	1084	659	105	311	1147	1030
Total Alkalinity	176.97	224.00	150.28	120.36	70.00	163.88	153.00
Calcium	65.45	105.45	69.09	52.73	31.60	92.73	89.09
Chloride	198.6	178.6	91.2	40.8	32.2	198.1	169.3
Fluoride	0.20	0.17	0.23	0.31	0.25	0.43	0.39
Total Hardness	188.0	260.0	184.0	148.0	112.0	244.0	220.0
pH	8.63	8.31	8.21	7.87	7.91	7.91	7.91
Silica, Dissolved	27	29	14	10	4	18	15
Sulfate	80.8	76.5	43.1	26.7	21.4	121.4	114.8
Turbidity	24.0	22.0	2.47	20.9	172.0	0.1	0.1
Dissolved Solids	658	624	360	224	385	616	550
Suspended Solids	25.6	13.1	136.8	6.3	103.0	<2.5	<2.5
Nitrate	<0.01	<0.01	1.12	1.09	4.89	0.66	0.80
Nitrite	<0.0025	<0.0025	<0.0025	<0.0025	0.2440	<0.0025	0.0200
Ortho-Phosphate	<0.009	0.300	0.280	0.250	0.431	<0.009	<0.009
Atrazine	<0.21	<0.21	<0.21	<0.21	<0.26		
Total Arsenic	11	12	5	3	<5		
Dissolved Arsenic	11	13	5	3	<5		
Barium	0.13	0.18	0.09	0.08	0.13		
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—umhos/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: 01/31/2025