

Monthly Mineral Analyses

Date of Sample: June 17, 2025

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.31	0.72	0.60	2.50	4.32	0.15	0.20
Sodium	160	130	290	12	13	110	120
Iron	0.200	0.500	0.400	1.900	3.290	0.009	<0.006
Manganese	0.003	0.039	0.035	0.040	0.088	0.001	0.002
Copper	0.0028	0.0027	0.0045	0.0029	0.0046	0.0027	0.0020
Lead	0.00040	<0.00037	<0.00037	0.00140	<0.00456	<0.00037	<0.00037
Bromide	1.12	0.92	1.61	0.07	<0.68	0.45	0.46
Conductivity	1184	1198	2046	221	270	957	976
Total Alkalinity	177.2	205.0	186.9	76.0	98.4	111.6	125.8
Calcium	70.18	128.07	128.07	24.56	28.00	63.16	73.68
Chloride	209.7	212.4	459.8	19.4	18.2	166.6	153.3
Fluoride	0.27	0.21	0.21	0.12	0.19	0.59	0.54
Total Hardness	296.3	329.6	437.0	140.7	96.6	311.1	288.9
pH	8.46	8.70	8.05	7.96	7.90	7.65	7.75
Silica, Dissolved	10	12	8	14	17	7	3
Sulfate	81.2	80.3	158.8	6.8	15.0	103.6	101.8
Turbidity	15.0	23.0	15.0	80.0	19.3	0.2	0.1
Dissolved Solids	708	736	1230	200	202	544	550
Suspended Solids	13.4	30.7	14.2	21.2	134.0	<2.5	<2.5
Nitrate	<0.01	0.01	.15	0.59	0.65	0.42	0.44
Nitrite	<0.0025	0.0500	<0.0025	<0.0025	<0.0794	0.0140	0.0160
Ortho-Phosphate	<0.009	0.160	0.220	0.160	0.475	<0.009	<0.009
Atrazine	<0.21	<0.21	<0.21	0.25	<2.44		
Total Arsenic	12.0	14.0	14.0	2.6	5.8		
Dissolved Arsenic	11.0	14.0	14.0	2.5	<4.8		
Barium	0.14	0.19	0.18	0.08	0.10		
Cadmium	<0.00026	<0.00026	<0.00026	<0.00026	0.00113		
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: 06/27/2025