


Monthly Mineral Analyses

Date of Sample: February 13, 2024

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.48	1.00	0.37	2.70	1.20	0.13	0.10
Sodium	120	85	200	19	60	140	180
Iron	0.29	0.69	0.22	1.80	0.96	<0.002	<0.0020
Manganese	0.023	0.018	0.020	0.036	0.046	0.002	0.002
Copper	0.0016	0.0020	0.0021	0.0042	<0.0036	0.0011	0.0067
Lead	0.00037	0.00045	0.00014	0.00160	0.00321	<0.00014	<0.00014
Bromide	0.85	0.51	1.24	<0.05	0.49	0.48	0.52
Conductivity	928	842	1664	328	785	1132	1188
Total Alkalinity	171.6	204.0	215.6	100.0	186.0	136.0	136.0
Calcium	54.4	84.2	149.1	36.8	71.9	70.2	77.2
Chloride	148.0	115.0	343.0	26.0	76.1	222	242
Fluoride	0.22	0.19	0.22	0.17	0.85	0.22	0.32
Total Hardness	220	236	332	124	256	220	224
pH	8.36	8.35	8.10	7.60	8.16	7.96	7.94
Silica, Dissolved	29	31	29	22	4	16	18
Sulfate	63.4	54.4	109.0	20.1	72.4	104.0	106.0
Turbidity	16.8	24.6	10.1	86.0	15.7	0.26	0.11
Dissolved Solids	562	554	968	262	485	638	668
Suspended Solids	15.0	16.1	5.8	35.7	17.8	<2.5	<2.5
Nitrate	<0.025	<0.025	.19	1.48	4.94	0.49	0.41
Nitrite	<0.025	<0.025	<0.025	<0.025	0.549	<0.025	<0.025
Ortho-Phosphate	<0.05	0.27	0.24	0.28	0.62	<0.05	<0.05
Atrazine	<0.60	<0.60	<0.60	0.62	<1.67		
Total Arsenic	9.8	11.0	12.0	2.7	<4.2		
Dissolved Arsenic	8.8	11.0	12.0	2.3	<6.5		
Barium	0.13	0.16	0.18	0.13	0.13		
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 CaCO3, and Atrazine, Total Arsenic, Dissolved Arsenic – µg/L.

Reviewed by:  Title: Quality Assurance Officer Date: 02/27/2024