


Monthly Mineral Analyses

Date of Sample: August 15, 2023

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.12	0.41	3.70	1.70	0.40	---	0.18
Sodium	96	64	91	6	59	77	79
Iron	0.073	0.260	2.500	1.400	0.253	0.024	<0.002
Manganese	0.015	0.016	0.240	0.030	0.058	0.007	0.006
Copper	0.0014	0.0027	0.0061	0.0300	<0.0036	0.0032	0.0016
Lead	0.00017	0.00047	0.00360	0.00190	<0.00312	<0.00014	<0.00014
Bromide	<0.025	<0.025	0.58	<0.025	0.53	0.35	0.37
Conductivity	818	727	954	161	808	785	786
Total Alkalinity	167	203	216	70	234	155	154
Calcium	61	74	83	24	74	64	67
Chloride	136.0	97.7	151.0	7.2	89.0	114.0	118.0
Fluoride	0.25	0.20	0.22	<0.25	0.72	0.39	0.35
Total Hardness	200	196	248	84	283	204	196
pH	8.29	8.54	8.48	7.75	8.64	8.05	8.02
Silica, Dissolved	29	33			8.68		
Sulfate	56.9	46.4	59.2	3.75	59.8	69.6	71.7
Turbidity	9.6	26.7	185.0	337.0	13.3	0.16	0.05
Dissolved Solids	504	510	660	232	521	506	540
Suspended Solids	9	19	248	151	26	0	0
Nitrate	0.13	0.08	0.13	0.46	<0.21	0.19	0.20
Nitrite	<0.025	<0.025	<0.025	<0.025	<0.092	<0.025	<0.025
Ortho-Phosphate	<0.05	0.28	0.26	<0.05	0.23	<0.05	<0.05
Atrazine	---	---	---	---	<1.67		
Total Arsenic	8.8	9.7	10.0	3.2	9.040		
Dissolved Arsenic	0.009	0.009	9.7	3.6	13.500		
Barium	0.11	0.13	0.17	0.11	0.17		
Cadmium	<0.00009	<0.00009	<0.00009	<0.00009	<0.00035		
Mercury	0.00007	<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: 09/22/2023