



Monthly Mineral Analyses

Date of Sample: June 21, 2022

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.39	0.14	0.62	3.0	0.23	0.26	0.26
Sodium	98	80	112	27	38	109	102
Iron	0.24	0.09	0.40	2.14	0.29	<0.014	<0.014
Manganese	0.020	0.014	0.034	0.065	0.180	0.0009	0.0009
Copper	<0.004	<0.004	<0.004	<0.004	<0.003	<0.004	<0.004
Lead	<0.0005	<0.0005	<0.0005	0.001	<0.003	<0.0005	<0.0005
Bromide	0.58	0.48	0.68	0.17	0.66	0.42	0.41
Conductivity	791	800	1049	375	563	911	886
Total Alkalinity	203	234	234	139	158	189	181
Calcium	51	72	90	43	38	101	69
Chloride	120	113	189	40	51	173	141
Fluoride	0.24	0.22	0.20	0.25	0.48	0.17	0.17
Total Hardness	192	220	260	144	178	216	216
pH	8.50	8.64	8.37	8.07	7.90	8.24	8.17
Silica, Dissolved	23.9	27.2	30.1	19.7	7.8	17.3	16.7
Sulfate	62	64	83	26	36	116	105
Turbidity	7.0	17	16	57	14	0.05	0.05
Dissolved Solids	496	516	680	308	300	564	734
Suspended Solids	3	6	6	10	14	<2	<2
Nitrate	<0.025	<0.025	0.12	0.39	<0.20	0.22	0.28
Nitrite	<0.025	<0.025	<0.025	<0.025	<0.09	<0.025	<0.025
Ortho-Phosphate	<0.05	<0.05	0.21	0.16	0.13	<0.05	<0.05
Atrazine	<2.5	<2.5	<2.5	<2.5	<0.2		
Total Arsenic	8.0	7.8	8.4	3.2	14.5		
Dissolved Arsenic	7.9	8.0	9.2	3.4	<6.4		
Barium	0.11	0.15	0.14	0.10	0.09		
Cadmium	<0.002	<0.002	<0.002	<0.002	0.001		
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.00004		

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: *M. J. Jones* Title: Laboratory Manager Date: 7/20/2022