


## Monthly Mineral Analyses

Date of Sample: July 16, 2024

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.09	0.11	1.20	2.10	0.53	0.18	0.17
Sodium	130	110	110	17	34	110	110
Iron	0.051	0.067	0.710	1.400	0.712	<0.002	<0.002
Manganese	0.019	0.020	0.043	0.041	0.162	0.0038	0.0025
Copper	0.0014	0.0016	0.0027	0.0029	0.0042	0.0016	0.0017
Lead	<0.00014	0.00020	0.00054	0.00120	<0.00227	<0.00014	<0.00014
Bromide	0.371	0.583	0.553	0.060	<0.353	0.358	0.316
Conductivity	924	985	980	229	504	962	952
Total Alkalinity	160.00	210.00	61.33	127.22	150.00	152.00	156.67
Calcium	81.90	102.86	106.67	40.00	48.3	85.71	95.24
Chloride	156.6	149.3	170.3	21.6	44.8	150.0	147.6
Fluoride	0.23	0.17	0.16	0.17	0.32	0.45	0.44
Total Hardness	160.0	220.0	240.0	108.0	170.0	212.0	204.0
pH	8.41	8.51	8.09	8.04	8.12	8.18	8.18
Silica, Dissolved	31	35	31	24	10	23	22
Sulfate	64.1	66.9	63.2	14.1	34.5	91.7	91.2
Turbidity	5.8	18.2	25.6	57.9	69.0	0.08	0.11
Dissolved Solids	534	588	556	204	306	574	586
Suspended Solids	7.4	10.0	6.1	11.5	80.0	<2.5	<2.5
Nitrate	<0.005	0.018	0.257	0.391	<0.048	0.274	0.291
Nitrite	<0.0025	<0.0025	<0.0025	<0.0025	<0.0420	<0.0025	<0.0025
Ortho-Phosphate	<0.009	0.295	0.328	0.261	0.456	0.029	0.030
Atrazine	<0.60	<0.60	<0.60	<0.60	<0.26		
Total Arsenic	10	14	11	3.9	11.0		
Dissolved Arsenic	9.9	13.0	11.0	3.9	7.7		
Barium	0.10	0.17	0.14	0.10	0.13		
Cadmium	<0.00026	<0.00026	<0.00026	<0.00026	<0.00055		
Mercury	<0.00005	<0.00005	<0.00005	<0.00005	<0.0001		

Results expressed in mg/L, except as follows: Conductivity—umhos/cm, pH—SU, Turbidity – NTU, Total Hardness/Total Alkalinity – mg/L as CaCO<sub>3</sub>, and Atrazine, Total Arsenic, Dissolved Arsenic – µg/L.

Reviewed by:  Title: Quality Assurance Officer Date: 08/05/2024