


## Monthly Mineral Analyses

Date of Sample: October 15, 2024

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.24	0.54	0.19	0.62	1.04	0.15	0.14
Sodium	140	100	160	9	57	120	120
Iron	0.130	0.510	0.130	0.470	0.818	0.004	<0.002
Manganese	0.021	0.023	0.021	0.024	0.147	0.002	0.002
Copper	0.0020	0.0022	0.0034	0.0023	0.0027	0.0058	0.0024
Lead	<0.00037	0.00038	<0.00037	0.00043	<0.00227	<0.00037	<0.00037
Bromide	1.33	0.98	1.33	0.08	0.40	0.48	0.44
Conductivity	985	1008	1316	190	741	894	886
Total Alkalinity	153.83	205.92	208.89	67.98	203.00	130.56	129.32
Calcium	47.27	94.55	110.91	26.36	54.90	67.27	69.09
Chloride	259.4	233.2	376.5	21.7	92.1	209.8	208.5
Fluoride	0.34	0.29	0.32	0.20	0.65	0.70	0.69
Total Hardness	160.0	236.0	280.0	66.0	236.0	180.0	176.0
pH	8.40	8.39	8.17	7.06	8.40	7.87	7.88
Silica, Dissolved	30	36	34	13	5	LE	LE
Sulfate	102.8	99.1	136.1	7.3	55.1	134.2	135.5
Turbidity	8.7	23.0	9.0	21.0	24.2	0.10	0.20
Dissolved Solids	592	610	768	132	283	524	508
Suspended Solids	11.4	18.6	6.1	8.2	18.4	<2.5	<2.5
Nitrate	<0.005	<0.005	0.09	0.160	<0.379	0.220	0.220
Nitrite	<0.0025	<0.0025	<0.0025	<0.0025	<0.0718	<0.0025	<0.0025
Ortho-Phosphate	<0.009	0.370	0.460	0.18	0.512	<0.009	<0.009
Atrazine	<0.21	<0.21	<0.21	<0.21	<0.26		
Total Arsenic	12	12	14	4.1	7.2		
Dissolved Arsenic	12	14	12	3.9	7.2		
Barium	0.13	0.16	0.18	0.08	0.13		
Cadmium	<0.00026	<0.00026	<0.00026	<0.00026	<0.00055		
Mercury	<0.00005	<0.00005	<0.00005	<0.00005	<0.00013		

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. LE-Lab Error

Reviewed by:  Title: Quality Assurance Officer Date: 11/07/2024