


Monthly Mineral Analyses

Date of Sample: August 13, 2024

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.05	0.22	0.65	0.19	1.56	0.16	0.17
Sodium	130	110	180	27	49	140	140
Iron	0.029	0.140	0.420	0.092	1.080	<0.002	<0.002
Manganese	0.0220	0.0400	0.0290	0.0009	0.1560	0.0023	0.0028
Copper	0.0021	0.0330	0.0051	0.0020	<0.0036	0.0019	0.0021
Lead	<0.00037	0.00140	0.00069	<0.00037	0.00464	<0.00037	<0.00037
Bromide	0.95	0.21	0.98	<0.01	0.25	0.58	0.53
Conductivity	918	969	1364	377	609	1164	1133
Total Alkalinity	165.73	220.00	228.07	119.90	178.00	179.67	178.20
Calcium	54.55	121.21	157.58	58.59	59.80	115.15	101.01
Chloride	218.8	163.2	186.3	35.4	63.4	154.7	179.0
Fluoride	0.23	0.08	0.18	0.18	0.43	0.15	0.17
Total Hardness	144.0	212.00	256.0	104.0	214.0	224.0	212.0
pH	8.25	8.52	8.28	7.68	8.14	8.12	7.95
Silica, Dissolved	33	35	32	12	7.7	19	21
Sulfate	79.2	71.4	69.6	25.4	47.7	89.4	89.2
Turbidity	3.89	7.27	17.6	24.7	13.7	0.08	0.09
Dissolved Solids	564	626	866	340	391	748	748
Suspended Solids	7.1	11.6	8.7	6.0	32.9	<2.5	<2.5
Nitrate	<0.005	0.02	0.15	0.32	<0.38	0.20	0.26
Nitrite	<0.0025	<0.0025	<0.0025	<0.0025	<0.0718	<0.0025	<0.0025
Ortho-Phosphate	<0.009	0.230	0.260	0.190	0.261	<0.009	<0.009
Atrazine	<0.60	<0.60	<0.60	<0.60	<0.38		
Total Arsenic	11	14	14	3.6	6.1		
Dissolved Arsenic	10	14	14	3.9	9.8		
Barium	0.12	0.20	0.19	0.11	0.15		
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: 09/26/2024