


Monthly Mineral Analyses

Date of Sample: June 13, 2023

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.044	0.715	0.884	1.520	2.570	0.210	0.200
Sodium	99.1	69.3	82.2	5.4	9.1	74.5	70.4
Iron	0.025	0.491	0.572	1.200	3.820	<0.007	<0.007
Manganese	0.016	0.021	0.028	0.035	0.423	0.009	0.011
Copper	<0.002	0.002	<0.002	0.004	0.005	<0.002	<0.002
Lead	<0.0005	<0.0005	0.0005	0.012	0.0143	<0.0005	<0.0005
Bromide	0.70	0.41	0.48	<0.05	<0.08	0.25	0.23
Conductivity	780	701	816	130	199	664	636
Total Alkalinity	168	212	213	59	102	147	141
Calcium	61	75	80	29	64	67	56
Chloride	125	94	106	4.2	9.2	93	90
Fluoride	0.30	0.29	0.28	0.14	0.24	0.18	0.19
Total Hardness	160	196	216	52	183	156	152
pH	8.13	8.17	8.06	7.22	8.03	7.84	7.88
Silica, Dissolved	21.4	23.6	25.4	11.4	5.06	18.7	18.2
Sulfate	57	47	49	0.4	10.9	82	80
Turbidity	4.40	18	24	49	179	0.45	0.18
Dissolved Solids	478	450	514	72	218	209	354
Suspended Solids	6	16	17	10	520	<2	<2
Nitrate	0.13	0.17	0.17	0.52	0.52	0.28	0.32
Nitrite	<0.025	<0.025	<0.025	<0.025	0.231	<0.025	<0.025
Ortho-Phosphate	<0.05	0.27	0.28	0.15	0.11	<0.05	<0.05
Atrazine	<2.50	<2.50	<2.50	<2.50	<1.82		
Total Arsenic	8.55	9.54	9.62	2.81	<4.18		
Dissolved Arsenic	<10.00	<10.00	<10.00	<10.00	<6.45		
Barium	0.098	0.136	0.141	0.071	0.205		
Cadmium	<0.001	<0.001	<0.001	<0.001	<0.0004		
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	0.0001		

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: 07/05/2023