


## Monthly Mineral Analyses

Date of Sample: September 18, 2023

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.07	0.07	2.50	0.29	1.00	0.17	0.16
Sodium	110.0	75.0	100.0	6.4	74.3	88.0	86.0
Iron	0.038	0.045	1.80	0.29	0.717	<0.002	<0.002
Manganese	0.015	0.015	0.180	0.037	0.126	0.003	0.004
Copper	0.002	0.002	0.005	0.006	0.004	0.002	0.002
Lead	<0.0001	0.0002	0.0023	0.0011	0.0033	<0.0001	<0.0001
Bromide	0.72	0.45	0.66	0.05	0.87	0.36	0.36
Conductivity	852	764	1030	177	885	818	813
Total Alkalinity	179	223	238	86	240	175	169
Calcium	62.5	81.8	89.8	24.0	74.0	64.1	67.3
Chloride	138	100	170	7.8	94.1	120	121
Fluoride	0.26	0.21	0.24	0.15	0.57	0.51	0.50
Total Hardness	188	212	252	84	291	188	200
pH	8.10	8.52	8.24	7.65	8.37	8.18	8.10
Silica, Dissolved	29.0	34.0	37.0	31.0	8.3	23.0	24.0
Sulfate	57	46	64	3.5	55	70	71
Turbidity	5.3	17.0	51.0	77.3	20.8	0.17	0.07
Dissolved Solids	482	468	680	198	580	494	488
Suspended Solids	5.4	14.3	44.6	16.0	28.5	<2.5	<2.5
Nitrate	0.030	<0.025	0.100	0.290	<0.207	0.200	0.220
Nitrite	<0.025	<0.025	<0.025	<0.025	<0.092	<0.025	<0.025
Ortho-Phosphate	<0.05	0.26	0.24	0.16	0.18	<0.05	<0.05
Atrazine	<0.60	<0.60	<0.60	<0.60	<1.67		
Total Arsenic	9.30	11.0	10.0	3.2	9.30		
Dissolved Arsenic	9.70	12.0	11.0	3.8	7.46		
Barium	0.10	0.14	0.16	0.083	0.175		
Cadmium	<0.00009	<0.00009	<0.00009	<0.00009	<0.00035		
Mercury	<0.00005	<0.00005	<0.00005	<0.00005	0.00019		

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: 09/27/2023