


## Monthly Mineral Analyses

Date of Sample: April 11, 2023

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.322	1.160	0.780	5.210	0.955	0.201	0.174
Sodium	96	61	166	13	16.5	146	120
Iron	0.190	0.723	0.493	3.490	1.540	0.007	<0.007
Manganese	0.022	0.015	0.019	0.067	0.259	0.002	0.003
Copper	<0.002	0.003	0.002	0.004	0.007	<0.002	<0.002
Lead	<0.0005	0.0005	<0.0005	0.0027	0.0095	<0.0005	<0.0005
Bromide	0.66	0.34	0.82	<0.05	<0.08	0.52	0.47
Conductivity	828	667	1249	205	292	1106	1044
Total Alkalinity	176	197	161	72	108	148	167
Calcium	56	74	87	26	47.7	71	72
Chloride	127	80	248	18	18	198	172
Fluoride	0.21	0.17	0.12	0.20	<0.20	0.14	0.17
Total Hardness	180	100	244	72	145	204	240
pH	8.49	8.41	8.04	7.92	8.04	8.11	8.13
Silica, Dissolved	---	26.2	21.6	10.1	3.9	---	---
Sulfate	60	43	95	8.4	25.8	110	106
Turbidity	10	21	16	119	238	0.10	0.05
Dissolved Solids	538	452	734	250	209	666	634
Suspended Solids	11	15	8	26	433	<2	<2
Nitrate	<0.025	0.048	0.330	0.820	1.72	0.780	0.940
Nitrite	<0.025	<0.025	<0.025	<0.025	<0.092	<0.025	<0.025
Ortho-Phosphate	<0.05	0.25	0.33	0.21	0.19	<0.05	<0.05
Atrazine	<2.50	<2.50	<2.50	<2.50	1.01		
Total Arsenic	8.93	8.57	8.31	3.25	<4.18		
Dissolved Arsenic	---	8.16	8.02	2.36	<6.45		
Barium	0.120	0.145	0.119	0.070	0.146		
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 CaCO<sub>3</sub>, and Atrazine, Total Arsenic, Dissolved Arsenic—µg/L.

Reviewed by: 

Title: Quality Assurance Officer Date: 04/15/2023