


## Monthly Mineral Analyses

Date of Sample: March 14, 2023

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.062	0.156	0.179	0.235	0.951	0.197	0.214
Sodium	100	N/A	123	37	62	110	101
Iron	0.034	0.106	0.098	0.175	0.882	<0.007	<0.007
Manganese	0.016	0.011	0.013	0.027	0.115	0.003	0.006
Copper	<0.002	0.003	0.002	0.002	0.004	<0.002	0.002
Lead	<0.0005	<0.0005	<0.0005	0.0006	0.0050	<0.0005	<0.0005
Bromide	0.68	0.33	0.67	0.20	0.51	0.34	0.34
Conductivity	851	684	1088	495	729	934	891
Total Alkalinity	179	198	201	143	150	171	167
Calcium	58	80	90	53	50	72	72
Chloride	122	79	186	47	78	138	151
Fluoride	0.25	0.22	0.18	0.38	0.63	0.15	0.15
Total Hardness	176	200	264	176	205	232	212
pH	8.41	8.40	8.07	7.97	8.14	8.10	8.15
Silica, Dissolved	21.7	31.4	34.4	16.5	0.4	14.8	15.2
Sulfate	57	42	70	38	79	86	85
Turbidity	11.0	26.7	25.0	40.0	22.4	0.09	0.14
Dissolved Solids	518	460	648	316	475	530	524
Suspended Solids	12	12	8	15	36	<2	<2
Nitrate	<0.025	<0.025	0.21	1.35	1.16	0.53	0.59
Nitrite	<0.025	<0.025	<0.025	<0.025	0.660	<0.025	<0.025
Ortho-Phosphate	<0.05	0.22	0.24	0.16	0.13	<0.05	0.16
Atrazine	<2.50	<2.50	<2.50	<2.50	<0.21		
Total Arsenic	7.50	7.34	8.69	2.47	<4.18		
Dissolved Arsenic	7.34	7.35	8.47	2.21	11.5		
Barium	0.103	0.130	0.144	0.127	0.101		
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: 03/31/2023