



# Monthly Mineral Analyses

Date of Sample: November 15, 2022

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.346	0.868	0.495	0.300	0.279	0.154	0.156
Sodium	113	6815	132	32	53	110	115
Iron	0.246	0.569	0.288	0.235	0.298	<0.021	<0.021
Manganese	0.032	0.020	0.018	0.028	0.125	0.002	0.002
Copper	<0.006	<0.002	<0.002	<0.002	<0.004	<0.006	<0.006
Lead	<0.0015	<0.0005	<0.0005	<0.0005	0.0038	<0.0015	<0.0015
Bromide	0.63	0.40	0.75	0.20	0.37	0.34	0.35
Conductivity	747	654	1045	457	738	855	856
Total Alkalinity	165	192	202	160	178	167	165
Calcium	54	74	96	64	67	75	70
Chloride	119	86	197	41	64	129	130
Fluoride	0.31	0.25	0.24	0.40	0.61	0.36	0.36
Total Hardness	188	204	304	192	250	228	232
pH	8.44	8.49	8.20	8.30	8.84	8.08	8.10
Silica, Dissolved	25.0	33.4	28.6	10.2	11.0	17.4	18.2
Sulfate	58	47	82	31	62	97	97
Turbidity	10	22	12	13	32	0.05	0.05
Dissolved Solids	506	460	694	296	453	536	558
Suspended Solids	8	20	7	8	48	0	0
Nitrate	0.12	0.11	0.24	0.55	3.63	0.42	0.45
Nitrite	<0.025	<0.025	<0.025	<0.025	0.355	<0.025	<0.025
Ortho-Phosphate	<0.05	0.24	0.23	0.28	0.51	<0.05	<0.05
Atrazine	<2.5	<2.5	<2.55	<2.55	<0.02		
Total Arsenic	8.51	9.25	9.90	3.57	<4.18		
Dissolved Arsenic	8.20	9.38	10.7	3.59	6.84		
Barium	0.111	0.135	0.145	0.110	0.126		
Cadmium	<0.003	<0.001	<0.001	<0.001	<0.0004		
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	0.0002		

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: 12/13/2022