



# Monthly Mineral Analyses

Date of Sample: July 19, 2022

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.17	1.27	1.54	1.29	0.50	0.18	0.17
Sodium	84	76	111	29	48	101	103
Iron	<0.10	0.71	0.76	0.80	0.58	<0.10	<0.10
Manganese	0.02	0.03	0.05	0.04	0.10	0.001	0.001
Copper	<0.002	<0.002	<0.02	<0.002	0.019	<0.02	<0.02
Lead	<0.0005	<0.0005	<0.005	0.0007	0.003	<0.005	<0.005
Bromide	0.60	0.51	0.70	0.19	0.62	0.42	0.42
Conductivity	789	818	1070	437	683	936	941
Total Alkalinity	205	255	253	174	196	209	197
Calcium	58	90	93	46	56	75	72
Chloride	126	122	193	45	70	144	150
Fluoride	0.21	0.19	0.20	0.27	0.44	0.39	0.33
Total Hardness	180	248	272	156	228	224	220
pH	8.38	8.48	8.30	8.07	8.30	8.16	8.14
Silica, Dissolved	21.6	25.3	28.9	18.0	15.5	19.3	18.7
Sulfate	64	68	85	27	42	106	107
Turbidity	6.5	25	24	35	24	0.10	0.05
Dissolved Solids	480	554	690	274	386	530	558
Suspended Solids	8	22	19	14	22	<2	<2
Nitrate	<0.025	0.05	0.13	0.42	<0.20	0.23	0.29
Nitrite	<0.025	<0.025	<0.025	<0.025	<0.09	<0.025	<0.025
Ortho-Phosphate	<0.05	0.21	0.21	0.18	0.12	<0.05	<0.05
Atrazine	<2.5	<2.5	<2.5	<2.5	<0.23		
Total Arsenic	7.7	8.8	8.8	3.3	9.4		
Dissolved Arsenic	7.6	8.6	8.6	2.9	<6.4		
Barium	0.10	0.16	0.17	0.12	0.13		
Cadmium	<0.001	<0.001	<0.01	<0.001	0.001		
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.00004		

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:

*M. B. Juarez*

Title: Laboratory Manager

Date: 8/26/2022