



# Monthly Mineral Analyses

Date of Sample: August 16, 2022

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.15	0.74	0.64	0.90	0.99	0.19	0.17
Sodium	87	77	119	29	43	101	89
Iron	0.10	0.55	0.46	0.75	0.89	<0.014	<0.014
Manganese	0.02	0.03	0.04	0.05	0.10	0.003	<0.001
Copper	<0.002	<0.002	0.002	<0.002	0.005	<0.002	<0.002
Lead	<0.005	0.0007	0.0006	0.0007	<0.003	<0.0005	<0.0005
Bromide	0.64	0.53	0.80	0.21	0.73	0.41	0.37
Conductivity	790	860	1146	458	699	948	864
Total Alkalinity	153	194	183	137	192	145	153
Calcium	53	90	96	48	55	69	66
Chloride	111	111	194	42	69	140	117
Fluoride	0.24	0.30	0.26	0.31	<0.20	0.40	0.43
Total Hardness	176	252	300	168	228	220	220
pH	8.35	8.42	8.16	8.13	8.52	8.12	8.13
Silica, Dissolved	22.8	30.2	28.3	21.8	11.3	16.8	17.8
Sulfate	58	64	86	28	44	93	88
Turbidity	7	23	16	37	27	0.10	0.10
Dissolved Solids	500	588	778	328	493	598	544
Suspended Solids	10	24	11	21	14	<2	<2
Nitrate	0.20	0.22	0.33	0.47	<0.20	0.27	0.39
Nitrite	<0.025	<0.025	<0.025	<0.025	<0.09	<0.025	<0.025
Ortho-Phosphate	0.06	0.23	0.23	0.20	0.09	0.07	0.07
Atrazine	<2.5	<2.5	<2.5	<2.5	<7.6		
Total Arsenic	8.1	9.3	9.0	3.3	4.8		
Dissolved Arsenic	7.4	9.2	9.3	3.2	7.2		
Barium	0.10	0.16	0.15	0.11	0.13		
Cadmium	<0.001	<0.001	<0.001	<0.001	<0.0003		
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 CaCO<sub>3</sub>, and Atrazine, Total Arsenic, Dissolved Arsenic - µg/L.

Reviewed by: M. J. Suarez Title: Laboratory Manager Date: 10/06/2022