


## Monthly Mineral Analyses

Date of Sample: June 11, 2024

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.06	0.05	0.10	0.38	0.78	1.70	0.19
Sodium	120	100	150	20	62	21	100
Iron	0.027	0.032	0.060	0.290	0.580	1.200	0.0059
Manganese	0.0041	0.0039	0.0092	0.057	0.063	0.023	0.002
Copper	0.0051	0.0021	0.0026	0.0022	<0.0036	0.0030	0.0022
Lead	0.00024	0.00014	0.0002	0.0011	<0.0031	0.0013	<0.00014
Bromide	0.76	0.58	0.77	<0.002	1.53	0.35	0.35
Conductivity	978	993	1255	384	739	1032	1002
Total Alkalinity	158.40	201.17	209.88	108.41	102.00	157.74	152.46
Calcium	59.81	108.41	127.1	54.21	68.2	104.67	134.58
Chloride	153.3	139.6	190.2	44.4	81.4	135.3	143.3
Fluoride	0.22	0.20	0.18	0.25	0.56	0.43	0.40
Total Hardness	165.38	211.54	261.54	115.38	247.00	200.00	207.69
pH	8.29	8.51	8.31	7.55	9.19	7.88	7.85
Silica, Dissolved	27	28	30	-	3.0	19	-
Sulfate	67.2	67.4	81.8	28.5	80.9	95.9	101.4
Turbidity	9.27	11.8	14.2	76.8	24.6	0.233	0.101
Dissolved Solids	592	600	704	344	483	562	624
Suspended Solids	12.8	14.4	11.4	39.5	27.4	<2.5	<2.5
Nitrate	<0.016	<0.016	0.12	0.50	1.80	0.32	0.44
Nitrite	<0.008	<0.008	<0.008	<0.008	0.101	<0.008	<0.008
Ortho-Phosphate	<0.027	0.270	0.240	0.190	0.307	<0.027	<0.027
Atrazine	<0.60	<0.60	<0.60	<0.60	<1.67		
Total Arsenic	9.9	13.0	13.0	3.5	4.6		
Dissolved Arsenic	9.6	12.0	12.0	-	<6.5		
Barium	0.13	0.18	0.17	0.11	0.13		
Cadmium	<0.00026	<0.00026	<0.00026	<0.00026	<0.00035		
Mercury	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005		

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: 07/22/2024