


Monthly Mineral Analyses

Date of Sample: November 14, 2023

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	<0.02	0.55	0.51	0.06	1.80	0.14	0.11
Sodium	<0.34	240	150	8	37	130	110
Iron	<0.01	0.36	0.31	0.04	1.48	<0.01	<0.01
Manganese	<0.001	0.007	0.024	0.001	0.096	0.0032	0.0017
Copper	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.004
Lead	<0.0007	<0.0007	<0.0007	<0.0007	0.0048	<0.0007	<0.0007
Bromide	0.80	0.51	0.87	<0.05	0.18	0.47	0.41
Conductivity	879	814	1196	413	580	1039	952
Total Alkalinity	167	190	175	122	160	150	167
Calcium	57.4	83.5	100.9	45.2	56.6	73.0	80.0
Chloride	150	113	248	30.7	47.7	185	155
Fluoride	0.26	0.22	0.18	0.30	0.50	0.40	0.43
Total Hardness	156	228	240	136	205	220	224
pH	8.52	8.57	8.09	8.08	8.02	7.99	8.12
Silica, Dissolved	27	26	24	15	5	16	17
Sulfate	61.2	51.1	81.2	24.0	47.2	103	93.4
Turbidity	17.8	26.5	14.2	31.5	35.2	0.08	0.13
Dissolved Solids	500	486	640	202	323	516	560
Suspended Solids	15.6	12.2	8.1	13.6	39.0	<2.5	<2.7
Nitrate	0.092	0.027	0.32	0.95	1.20	0.44	0.32
Nitrite	<0.025	<0.025	<0.025	<0.025	0.28	<0.025	<0.025
Ortho-Phosphate	<0.05	0.26	0.37	0.27	0.37	<0.05	<0.05
Atrazine	<0.60	<0.60	<0.60	<0.60	<1.67		
Total Arsenic	<1.7	12	12	1.8	<4.18		
Dissolved Arsenic	9.8	14	10	4	<6.45		
Barium	<0.0014	0.14	0.13	0.015	0.12		
Cadmium	<0.0013	<0.0013	<0.0013	<0.0013	<0.0004		
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 CaCO₃, and Atrazine, Total Arsenic, Dissolved Arsenic – µg/L.

Reviewed by:  Title: Quality Assurance Officer Date: 12/01/2023