


Monthly Mineral Analyses

Date of Sample: April 16, 2024

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.60	0.22	0.45	0.75	3.77	0.17	0.12
Sodium	130	100	160	34	51	140	130
Iron	0.33	0.14	0.28	0.44	2.00	0.0022	<0.0020
Manganese	0.025	0.020	0.037	0.012	0.087	0.0014	0.0017
Copper	0.0021	0.0015	0.0017	0.0022	<0.0036	0.0012	0.011
Lead	0.00033	0.00035	0.00032	0.00055	0.0059	<0.00014	<0.00014
Bromide	0.82	0.56	0.94	0.09	1.52	0.50	0.47
Conductivity	936	896	1344	413	725	1183	1128
Total Alkalinity	171.2	203.6	211.8	120.6	194.0	172.0	164.0
Calcium	75.9	101.9	120.4	46.3	71.5	116.7	107.4
Chloride	159	131	249	38.3	67.4	196	188
Fluoride	0.20	0.17	0.17	0.23	0.44	0.51	0.48
Total Hardness	180	224	284	148	254	248	228
pH	8.44	8.35	8.06	7.64	8.52	7.88	7.87
Silica, Dissolved	33	30	31	15	4	19	18
Sulfate	73.1	65.2	99.8	34.4	67.8	126	119
Turbidity	12.2	26.2	20.0	69.7	21.3	0.06	0.16
Dissolved Solids	538	562	718	268	446	650	612
Suspended Solids	14.0	25.2	20.2	43.7	40.0	<2.5	<2.5
Nitrate	<0.025	<0.025	0.16	1.15	2.38	0.37	0.53
Nitrite	<0.025	<0.025	<0.025	<0.025	0.040	<0.025	0.09
Ortho-Phosphate	<0.05	0.29	0.30	0.22	0.45	<0.05	<0.05
Atrazine	<0.60	<0.60	<0.60	1.2	<1.67		
Total Arsenic	10.0	11.0	11.0	3.1	4.22		
Dissolved Arsenic	9.1	11.0	11.0	2.7	<6.45		
Barium	0.13	0.17	0.17	0.10	0.14		
Cadmium	<0.00026	<0.00026	<0.00026	<0.00026	<0.00035		
Mercury	<0.00005	<0.00005	<0.00005	<0.00005	0.00008		

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: 05/13/2024