


Monthly Mineral Analyses

Date of Sample: October 17, 2023

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.17	0.29	0.62	0.70	1.69	0.12	0.11
Sodium	96	73	130	35	52	210	210
Iron	0.11	0.18	0.39	0.54	1.15	<0.01	<0.01
Manganese	0.006	0.010	0.022	0.050	0.118	0.0023	0.0018
Copper	0.002	0.002	0.003	0.013	<0.004	0.007	0.004
Lead	<0.0001	<0.0001	0.0003	<0.0007	<0.0031	<0.0007	<0.0007
Bromide	0.76	0.47	0.82	0.19	0.78	0.54	0.48
Conductivity	866	790	1228	458	702	1031	995
Total Alkalinity	166	208	205	145	195	182	169
Calcium	52.73	89.09	114.55	52.73	62.80	83.64	78.18
Chloride	129	106	208	39	70	167	164
Fluoride	0.24	0.24	0.21	0.34	0.80	0.38	0.43
Total Hardness	160	204	272	156	249	216	220
pH	8.46	8.69	8.36	8.24	8.63	8.26	8.25
Silica, Dissolved	35	24	37	20	5	26	23
Sulfate	53.1	49.3	73.2	26.6	55.4	94.4	93.6
Turbidity	11.2	17.4	14.8	29.5	24.7	0.06	0.04
Dissolved Solids	588	548	794	370	413	686	660
Suspended Solids	13.7	14.2	10.3	20.4	63.5	<2.5	<2.5
Nitrate	0.10	<0.025	0.18	0.67	1.58	0.38	0.33
Nitrite	<0.025	<0.025	<0.025	<0.025	1.38	<0.025	<0.025
Ortho-Phosphate	<0.05	0.25	0.27	0.29	0.44	<0.05	<0.05
Atrazine	<0.60	<0.60	<0.60	<0.60	<1.67		
Total Arsenic	9.8	13.0	12.0	<1.7	4.7		
Dissolved Arsenic	9.8	8.1	13.0	4.9	6.8		
Barium	0.10	0.14	0.15	0.13	0.13		
Cadmium	<0.00026	<0.00026	<0.00026	<0.0013	<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 CaCO₃, and Atrazine, Total Arsenic, Dissolved Arsenic—µg/L.

Reviewed by:  Title: Quality Assurance Officer Date: 11/03/2023