


Monthly Mineral Analysis

Date of Sample: January 17, 2023

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.080	0.112	0.128	0.337	3.10	0.148	0.379
Sodium	95.0	56.3	122.0	20.6	33.4	101.0	106.0
Iron	0.047	0.089	0.097	0.363	2.00	<0.014	0.027
Manganese	0.018	0.009	0.020	0.047	10.9	0.005	0.118
Copper	<0.004	<0.002	<0.002	<0.002	<0.004	0.005	0.007
Lead	<0.0010	<0.0005	<0.0005	0.0011	0.0039	<0.0010	<0.0010
Bromide	0.66	0.35	.075	0.14	0.30	0.39	0.39
Conductivity	807	646	1143	324	508	937	942
Total Alkalinity	152	172	182	96	152	142	146
Calcium	50	69	96	40	56	72	72
Chloride	118	75	194	32	45	137	134
Fluoride	0.20	0.18	0.22	0.20	0.37	0.30	0.30
Total Hardness	180	192	248	156	184	216	216
pH	8.50	8.39	8.09	7.90	8.12	8.32	8.25
Silica, Dissolved	25.8	28.3	28.2	11.7	5.1	19.1	18.9
Sulfate	58	43	77	21	34	89	92
Turbidity	13	21	17	88	59	0.15	1.90
Dissolved Solids	468	428	674	230	389	542	524
Suspended Solids	10	6	6	35	64	<2	3
Nitrate	<0.025	<0.025	0.31	1.33	1.77	0.52	0.57
Nitrite	<0.025	<0.025	<0.025	<0.025	<0.092	<0.025	<0.025
Ortho-Phosphate	<0.05	0.25	0.24	0.22	0.24	<0.05	<0.05
Atrazine	<2.50	<2.50	<2.50	<2.50	0.03		
Total Arsenic	8.13	7.86	8.98	2.33	<4.18		
Dissolved Arsenic	7.68	8.18	9.27	2.26	<6.45		
Barium	0.103	0.120	0.133	0.104	0.151		
Cadmium	<0.002	<0.001	<0.001	<0.001	<0.0004		
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	0.00006		

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: 02/24/2023