



Monthly Mineral Analyses

Date of Sample: Dec 27, 2022

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.095	0.098	0.136	0.272	1.09	0.086	0.090
Sodium	97.0	62.8	128	17.4	43.8	114	128
Iron	0.056	0.081	0.105	0.244	0.775	<0.007	<0.007
Manganese	0.017	0.010	0.017	0.025	0.056	0.005	0.006
Copper	<0.002	<0.002	0.004	<0.002	0.004	<0.002	<0.002
Lead	<0.0005	<0.0005	<0.0005	0.0008	<0.0031	<0.0005	<0.0005
Bromide	0.66	0.35	0.74	0.10	0.40	0.45	0.51
Conductivity	815	670	1130	271	618	973	1060
Total Alkalinity	166	187	202	91	152	143	156
Calcium	50	74	96	38	60	71	80
Chloride	116	73	191	29	53	151	171
Fluoride	0.09	0.07	0.10	0.13	.44	0.15	0.12
Total Hardness	168	192	260	96	204	208	232
pH	8.51	8.40	8.21	7.94	8.11	8.05	8.02
Silica, Dissolved	24.9	28.2	33.0	15.0	4.9	20.7	22.4
Sulfate	57	42	72	13	57	87	97
Turbidity	15.0	20.0	17.0	80.0	27.9	0.22	0.074
Dissolved Solids	506	432	688	222	354	574	600
Suspended Solids	15	16	8	67	35.5	0	0
Nitrate	<0.025	0.04	0.16	0.53	2.52	0.33	0.30
Nitrite	<0.025	<0.025	<0.025	<0.025	<0.092	<0.025	<0.025
Ortho-Phosphate	<0.05	0.12	0.10	0.06	0.39	<0.05	<0.05
Atrazine	<2.5	<2.5	<2.5	<2.5	<0.21		
Total Arsenic	8.15	8.87	9.79	2.83	5.42		
Dissolved Arsenic	8.06	8.91	9.56	2.80	<6.45		
Barium	0.102	0.127	0.134	0.085	0.112		
Cadmium	<0.001	<0.001	<0.001	<0.001	<0.0004		
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<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: 01/26/2023