



Monthly Mineral Analyses

Date of Sample: June 15, 2021

UTILITIES

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.11	0.45	0.37	1.4	1.3	0.20	0.17
Sodium	79.6	66.0	96.0	4.58	21.3	57.6	55.4
Iron	0.079	0.312	0.242	1.26	1.23	0.014	<0.007
Manganese	0.007	0.008	0.012	0.022	10.6	0.074	0.050
Copper	<0.002	<0.002	<0.002	0.004	0.003	<0.002	<0.002
Lead	<0.0005	<0.0005	<0.0005	0.0011	<0.0023	<0.0005	<0.0005
Bromide	0.55	0.49	0.65	0.05	<0.35	0.17	0.17
Conductivity	718	747	979	125	481	541	529
Total Alkalinity	152	182	196	52	175	94	91
Calcium	61	80	88	16	62	40	38
Chloride	99	98	150	7.4	28	64	63
Fluoride	0.36	0.38	0.40	0.20	0.22	0.50	0.52
Total Hardness	160	212	256	56	199	120	116
pH	8.65	8.80	8.17	7.49	8.45	7.81	7.78
Silica, Dissolved	19.3	23.1	25.5	12.9	14.3	14.9	15.1
Sulfate	58	51	65	0.65	35	62	59
Turbidity	5.9	13	8.7	40	32	4.4	0.5
Dissolved Solids	495	542	656	183	301	366	368
Suspended Solids	8	14	2	3	29	<2	<2
Nitrate	<0.02	<0.02	0.34	0.39	0.50	0.33	0.52
Nitrite	<0.02	<0.02	0.04	0.04	<0.04	0.04	0.05
Ortho-Phosphate	0.08	0.09	0.13	0.10	0.15	<0.05	<0.05
Atrazine	<2.5	<2.5	<2.5	<2.5	<0.02		
Total Arsenic	6.8	7.6	8.2	3.0	7.0		
Dissolved Arsenic	6.5	7.5	7.8	2.8	<6.4		
Barium	0.09	0.14	0.16	0.07	0.12		
Cadmium	<0.001	<0.001	<0.001	<0.001	<0.0005		
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0001		

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.

As of January 2021, Stevens Treated (Plant #1) and Stevens Treated (Plant #2) have been combined into a single sample location and entry point. Monthly Mineral Reports will now only show sample results for the combined 'Stevens Treated'.

Reviewed by:  Title: QA Officer Date: 7-2-21

Approved by:  Title: Laboratory Manager Date: 7/2/2021