



Monthly Mineral Analyses

Date of Sample: October 12, 2021

Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.14	0.21	0.42	0.63	0.59	0.21	0.21
Sodium	75.1	55.5	164	5.74	39.4	115	89
Iron	0.080	0.128	0.236	0.509	0.521	<0.007	<0.007
Manganese	0.016	0.017	0.013	0.019	0.077	0.009	0.017
Copper	<0.002	<0.002	<0.002	0.003	<0.002	<0.002	<0.002
Lead	<0.0005	<0.0005	<0.0005	0.0005	<0.002	<0.0005	<0.0005
Bromide	0.36	0.23	0.95	0.08	<0.35	0.37	0.30
Conductivity	681	641	1268	141	609	904	766
Total Alkalinity	153	168	187	64	201	125	110
Calcium	51	62	88	17	60	59	51
Chloride	185	153	555	18	54	314	244
Fluoride	0.23	0.16	0.21	0.11	0.42	0.12	0.10
Total Hardness	152	180	280	56	235	180	148
pH	8.36	8.25	8.04	7.87	8.86	7.99	8.13
Silica, Dissolved	19.5	23.0	26.9	10.3	9.2	16.7	15.3
Sulfate	98	85	169	11	42	176	152
Turbidity	4.5	19	8.2	16	19	0.60	0.50
Dissolved Solids	388	394	775	90	349	502	384
Suspended Solids	7	10	3	4	25	<2	<2
Nitrate	0.13	0.13	0.36	0.15	0.49	0.23	0.28
Nitrite	<0.025	<0.025	<0.025	<0.025	<0.04	<0.025	<0.025
Ortho-Phosphate	0.18	0.06	0.20	0.18	0.43 [#]	0.05	0.05
Atrazine	<2.5	<2.5	<2.5	<2.5	<0.2		
Total Arsenic	6.5	7.1	9.3	3.6	14.5		
Dissolved Arsenic	6.2	6.8	8.4	3.4	<6.4		
Barium	0.09	0.11	0.16	0.06	0.12		
Cadmium	<0.001	<0.001	<0.001	<0.001	<0.002		
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. # - Total Phosphorus measurement.

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: [Signature] Title: QA Officer Date: 11/04/2021

Approved by: [Signature] Title: Laboratory Manager Date: 11/04/21

UTILITIES

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