



Monthly Mineral Analyses

Date of Sample: May 17, 2022

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.23	1.5	0.59	2.0	0.68	0.20	0.18
Sodium	85	67	113	30	56	104	102
Iron	0.14	0.96	0.38	1.34	0.74	<0.007	0.011
Manganese	0.014	0.019	0.03	0.06	0.21	0.001	0.001
Copper	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.002
Lead	<0.001	<0.001	<0.001	0.001	0.014	<0.001	<0.001
Bromide	0.56	0.45	0.66	0.17	1.0	0.42	0.40
Conductivity	761	739	1010	447	669	887	884
Total Alkalinity	211	230	237	169	184	202	193
Calcium	56	77	91	46	61	75	69
Chloride	101	91	163	38	66	120	127
Fluoride	0.22	0.18	0.19	0.28	0.31	0.21	0.20
Total Hardness	176	216	256	152	238	212	220
pH	8.55	8.52	8.37	8.17	8.06	8.25	8.17
Silica, Dissolved	21.3	29.5	34.6	19.9	15.1	17.2	16.7
Sulfate	54	53	72	27	49	83	87
Turbidity	9	24	21	50	18	0.2	0.2
Dissolved Solids	504	494	656	308	392	576	558
Suspended Solids	9	11	5	22	20	<2	<2
Nitrate	0.03	0.04	0.17	0.58	<0.20	0.31	0.37
Nitrite	<0.025	<0.025	<0.025	<0.025	<0.09	<0.025	<0.025
Ortho-Phosphate	<0.05	0.19	0.19	0.23	0.25	<0.05	<0.05
Atrazine	-	-	-	-	<0.02		
Total Arsenic	7.0	6.2	7.3	3.7	4.8		
Dissolved Arsenic	6.9	6.2	7.2	3.6	<6.4		
Barium	0.10	0.14	0.14	0.12	0.13		
Cadmium	<0.001	<0.001	<0.001	<0.001	0.004		
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.00004		

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.

* Atrazine not reported due to subcontract lab error.

Reviewed by: *M. B. Suarez* Title: Laboratory Manager Date: 6/21/2022