


Monthly Mineral Analyses

Date of Sample: May 14, 2024

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.03	0.03	0.45	3.40	5.88	0.16	0.15
Sodium	110	86	130	6	31	100	100
Iron	0.02	0.02	0.29	2.50	3.86	<0.0020	<0.0020
Manganese	0.0005	0.00051	0.011	0.021	0.135	0.0012	0.0011
Copper	0.0018	0.0017	0.0021	0.0035	<0.0036	0.0015	0.0022
Lead	<0.00014	<0.00014	0.00015	0.00210	0.00633	<0.00014	<0.00014
Bromide	0.74	0.48	0.79	<0.05	0.75	0.33	0.21
Conductivity	951	943	1325	165	443	1022	947
Total Alkalinity	180.8	162.4	221.0	58.3	127.0	140.7	134.7
Calcium	79.3	126.4	115.1	20.8	50.9	107.6	111.3
Chloride	165	143	227	3.9	37	150	152
Fluoride	0.18	0.14	0.18	0.07	0.17	0.40	0.36
Total Hardness	226	240	287	135	174	261	222
pH	8.13	8.28	8.18	6.69	8.23	7.95	7.77
Silica, Dissolved	34	37	45	55	5	21	20
Sulfate	70.2	64.5	86.8	<2.5	41.1	96.0	94.3
Turbidity	13.6	18.2	20.5	119	14.2	0.13	0.08
Dissolved Solids	550	582	768	222	297	570	520
Suspended Solids	9.6	16.2	14.1	15.7	51.0	<2.5	<2.5
Nitrate	<0.025	<0.025	0.16	0.57	1.59	0.28	0.33
Nitrite	<0.025	<0.025	<0.025	<0.025	0.038	<0.025	0.09
Ortho-Phosphate	<0.05	0.23	0.30	0.14	0.31	<0.05	<0.05
Atrazine	<0.60	<0.60	<0.60	<0.60	<1.67		
Total Arsenic	9.6	11.0	11.0	2.5	4.2		
Dissolved Arsenic	10.0	11.0	12.0	2.4	<6.45		
Barium	0.13	0.16	0.17	0.09	0.12		
Cadmium	<0.00026	<0.00026	<0.00026	<0.00026	<0.00035		
Mercury	<0.00005	<0.00005	<0.00005	<0.00005	<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: 06/06/2024