


Monthly Mineral Analyses

Date of Sample: September 17, 2024

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.07	0.21	0.48	0.76	0.08	0.15	0.14
Sodium	120	100	140	9	70	120	130
Iron	0.042	0.140	0.340	0.580	0.098	<0.002	<0.002
Manganese	0.0170	0.0170	0.0200	0.0280	0.0376	0.0031	0.0050
Copper	0.0017	0.0018	0.0025	0.0021	<0.0023	0.0035	0.0015
Lead	<0.00037	<0.00037	<0.00037	0.00050	<0.00227	<0.00037	<0.00037
Bromide	LE	LE	LE	LE	0.43	LE	LE
Conductivity	935	955	1245	187	775	993	1058
Total Alkalinity	146.25	208.65	197.93	63.00	200.00	140.40	153.40
Calcium	46.85	91.89	100.90	23.42	63.00	73.87	81.08
Chloride	LE	LE	LE	LE	115.0	LE	LE
Fluoride	LE	LE	LE	LE	0.52	LE	LE
Total Hardness	160.0	232.0	268.0	64.0	243.0	200.0	224.0
pH	8.20	8.48	8.07	6.43	8.53	7.68	7.69
Silica, Dissolved	33	37	36	19	5.6	20	21
Sulfate	LE	LE	LE	LE	62.9	LE	LE
Turbidity	7.2	14.6	11.1	25.2	8.7	0.16	0.20
Dissolved Solids	656	620	764	148	444	608	648
Suspended Solids	7.2	12.9	10.6	9.4	6.7	<2.5	<2.5
Nitrate	LE	LE	LE	LE	<0.379	LE	LE
Nitrite	LE	LE	LE	LE	0.261	LE	LE
Ortho-Phosphate	LE	LE	LE	LE	0.334	LE	LE
Atrazine	<0.21	<0.21	<0.21	<0.21	<0.00026		
Total Arsenic	10	14	14	3.3	<6.5		
Dissolved Arsenic	11	15	15	3.8	10.9		
Barium	0.11	0.17	0.18	0.07	0.17		
Cadmium	<0.00026	<0.00026	<0.00026	<0.00026	<0.00055		
Mercury	<0.00005	<0.00005	<0.00005	<0.00005	0.00012		

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. LE-Lab Error

Reviewed by:  Title: Quality Assurance Officer Date: 09/26/2024