

Monthly Mineral Analyses

Date of Sample: January 16, 2024

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.10	0.13	0.57	0.39	1.20	0.09	0.09
Sodium	110.0	73.0	140.0	10.0	59.5	110.0	110.0
Iron	0.048	0.094	0.36	0.33	0.959	0.0088	<0.0020
Manganese	0.020	0.019	0.018	0.021	0.046	0.003	0.003
Copper	0.0014	0.0016	0.0019	0.0023	<0.0036	0.0016	0.0030
Lead	0.00039	0.00047	0.00029	0.00093	0.00321	<0.00014	<0.00014
Bromide	0.81	0.52	0.90	<0.05	0.49	0.46	0.45
Conductivity	915	855	1287	225	785	1022	1042
Total Alkalinity	176.0	213.0	217.0	103.0	186	155	154
Calcium	132.00	159.00	157.00	36.0	71.9	145.0	126.0
Chloride	152.0	120.0	242.0	16.0	76.1	174	181
Fluoride	0.22	0.18	0.20	0.14	0.85	0.34	0.41
Total Hardness	180	232	264	92	256	208	196
pH	8.40	8.42	8.09	7.54	8.16	7.86	8.08
Silica, Dissolved	31	31	31	18	4.1	21	20
Sulfate	63.5	54.9	84.9	4.23	72.4	94.1	94.8
Turbidity	16.5	33.4	18.2	61.2	15.7	0.49	0.09
Dissolved Solids	584	546	818	182	485	564	612
Suspended Solids	8.6	37.3	12.3	14.0	17.8	0.5	0
Nitrate	<0.025	0.04	0.12	0.27	4.94	0.20	0.24
Nitrite	<0.025	<0.025	<0.025	<0.025	0.549	<0.025	<0.025
Ortho-Phosphate	<0.05	0.28	0.27	0.18	0.62	<0.05	<0.05
Atrazine	<0.60	<0.60	<0.60	<0.60	<1.67		
Total Arsenic	9.5	11.0	12.0	3.5	<4.18		
Dissolved Arsenic	8.9	11.0	12.0	3.2	<6.45		
Barium	0.11	0.14	0.15	0.09	0.13		
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: 02/05/2024