


Monthly Mineral Analyses

Date of Sample: December 17, 2024

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.53	0.22	0.25	0.26	0.20	0.11	0.12
Sodium	150	120	110	32	72	110	110
Iron	0.370	0.400	0.200	0.510	0.265	0.008	<0.006
Manganese	0.029	0.022	0.200	0.031	0.038	0.001	<0.001
Copper	0.0033	0.0029	0.0028	0.0020	0.0053	0.0023	0.0026
Lead	0.00060	0.00042	<0.00037	0.00037	<0.00272	<0.00037	<0.00037
Bromide	1.05	0.77	0.67	0.19	0.31	0.45	0.39
Conductivity	1060	1070	1000	443	844	933	921
Total Alkalinity	172.00	222.67	177.33	138.67	203.00	140.00	136.67
Calcium	60.00	101.82	90.91	54.55	70.40	76.36	83.64
Chloride	192.0	172.0	173.0	53.1	103.0	153.0	148.0
Fluoride	0.27	0.22	0.21	0.24	0.72	0.58	0.47
Total Hardness	188.0	271.0	238.0	137.5	281.0	204.2	196.0
pH	8.61	8.59	8.20	7.64	8.33	7.67	8.16
Silica, Dissolved	29	34	22	12	2	18	17
Sulfate	78.1	74.4	68.0	19.9	74.3	93.5	96.6
Turbidity	17.0	22.0	13.0	18.0	16.8	0.1	0.1
Dissolved Solids	674	676	624	306	410	554	582
Suspended Solids	24.5	28.0	7.1	16.4	16.6	<2.5	<2.7
Nitrate	0.15	<0.01	0.16	0.21	3.44	0.20	0.20
Nitrite	<0.0025	<0.0025	<0.0025	<0.0025	0.1800	<0.0025	<0.0025
Ortho-Phosphate	<0.009	0.400	0.330	0.270	0.537	<0.009	<0.009
Atrazine	<0.21	<0.21	<0.21	<0.21	<0.26		
Total Arsenic	12	14	10	4	<5		
Dissolved Arsenic	11	12	10	4	<5		
Barium	0.15	0.19	0.15	0.15	0.13		
Cadmium	<0.00026	<0.00026	<0.00026	<0.00026	<0.00049		
Mercury	0.00023	0.00009	<0.00005	<0.00005	<0.00013		

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: 01/27/2025