


Monthly Mineral Analyses

Date of Sample: July 18, 2023

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.05	0.50	1.30	1.70	0.31	0.22	0.18
Sodium	93	55	78	17	51	66	71
Iron	0.028	0.330	0.850	1.300	0.353	0.005	<0.002
Manganese	0.017	0.011	0.023	0.024	0.058	0.006	0.005
Copper	0.001	0.002	0.004	0.005	<0.002	0.002	0.002
Lead	<0.0001	0.0003	0.0006	0.0013	<0.0023	<0.0001	<0.0001
Bromide	0.65	0.36	0.48	<0.03	0.27	0.26	0.24
Conductivity	802	712	870	144	675	693	675
Total Alkalinity	151	180	185	58	188	134	129
Calcium	48	72	72	26	56	56	56
Chloride	118	84	118	10	75	86	83
Fluoride	0.33	0.26	0.23	0.19	0.53	0.71	0.90
Total Hardness	172	204	220	68	222	168	164
pH	8.38	8.52	8.32	7.75	8.45	8.13	8.15
Silica, Dissolved	---	---	---	---	5.65	---	---
Sulfate	63	49	60	5	58	71	70
Turbidity	68	29	69	80	21	0.2	0.1
Dissolved Solids	540	520	594	228	457	480	502
Suspended Solids	5	29	54	23	42	<2.5	<2.5
Nitrate	<0.025	0.06	0.17	0.40	<0.21	0.25	0.28
Nitrite	<0.025	<0.025	<0.025	<0.025	0.092	<0.025	<0.025
Ortho-Phosphate	<0.05	0.26	0.27	0.16	0.01	<0.05	<0.05
Atrazine	<0.60	<0.60	<0.60	<0.60	<1.67		
Total Arsenic	8.5	8.5	9.2	2.7	<6.5		
Dissolved Arsenic	---	---	---	---	8.12		
Barium	0.098	0.120	0.140	0.066	0.135		
Cadmium	<0.00009	<0.00009	<0.00009	<0.00009	<0.00055		
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: 08/24/2023