



Monthly Mineral Analyses

Date of Sample: January 18, 2022

UTILITIES

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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.14	1.50	1.18	3.27	1.03	0.14	0.11
Sodium	84	64	172	10	51	120	108
Iron	0.09	0.93	0.71	2.19	0.94	<0.014	<0.014
Manganese	0.016	0.017	0.028	0.023	0.06	0.010	0.001
Copper	<0.004	<0.004	<0.004	<0.004	0.004	<0.004	<0.004
Lead	<0.0005	<0.0005	<0.0005	0.0014	<0.002	<0.0005	<0.0005
Bromide	0.52	0.38	0.99	<0.05	<0.35	0.47	0.43
Conductivity	703	678	1342	181	784	951	891
Total Alkalinity	169	183	205	73	238	137	130
Calcium	55	90	176	26	86	79	91
Chloride ²	101	82	264	21	62	162	144
Fluoride	0.19	0.17	0.21	0.12	0.48	0.12	0.12
Total Hardness	172	204	320	80	293	216	200
pH	8.56	8.33	8.11	7.77	8.46	7.99	7.94
Silica, Dissolved	20.5	27.1	30.0	21.3	12.6	16.7	16.3
Sulfate	52	47	91	8.8	56.2	92	85
Turbidity	9.3	26	20	60	20	0.2	0.1
Dissolved Solids	422	414	778	150	439	556	502
Suspended Solids	9	4	10	6	39	<2	<2
Nitrate	<0.025	0.05	0.16	0.17	3.15	0.20	0.22
Nitrite	<0.025	<0.025	<0.025	<0.025	<0.04	<0.025	<0.025
Ortho-Phosphate	<0.025	0.12	0.11	0.08	0.47*	<0.025	<0.025
Atrazine	<2.5	<2.5	<2.5	<2.5	<0.2		
Total Arsenic	6.2	5.9	7.1	2.6	7.3		
Dissolved Arsenic	6.4	6.2	7.4	2.6	6.4		
Barium	0.09	0.12	0.14	0.08	0.15		
Cadmium	<0.002	<0.002	<0.002	<0.002	<0.0006		
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0001		

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.

* Total Phosphorus measurement.

Reviewed by: W. B. Jones Title: Laboratory Manager Date: 4/7/2022