

## Monthly Mineral Analyses

Date of Sample: December 12, 2023

2726 Holly Road  
 Corpus Christi  
 Texas 78415  
 Phone 361-826-1800  
 Fax 361-826-1889  
 www.cctexas.com

Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.56	0.57	0.42	1.10	1.33	0.094	0.096
Sodium	130	82	150	37	52	130	140
Iron	0.32	0.36	0.28	0.71	0.80	0.0024	<0.0020
Manganese	0.027	0.011	0.016	0.011	0.065	0.0029	0.0021
Copper	0.0015	0.0016	0.0018	0.0022	<0.0036	0.0027	0.0011
Lead	0.00043	<0.00014	<0.00014	0.00042	0.00494	<0.00014	<0.00014
Bromide	0.80	0.51	0.82	0.16	0.53	0.49	0.50
Conductivity	894	819	1235	516	787	1090	1095
Total Alkalinity	164.5	202.3	201.6	155.4	218	175	175
Calcium	50.43	86.96	107.8	59.13	68.5	86.96	83.48
Chloride	154	123	228	45.2	65.3	178	185
Fluoride	0.25	0.21	0.21	0.35	0.70	0.18	0.19
Total Hardness	220	312	348	220	249	308	324
pH	8.32	8.49	8.12	8.14	8.54	8.13	8.17
Silica, Dissolved	26	27	29	11	4	19	19
Sulfate	64.6	54.1	81.6	32.6	60.9	104	106
Turbidity	18.8	14.9	12.9	34.7	14.9	0.05	0.04
Dissolved Solids	564	530	770	326	437	658	664
Suspended Solids	16.6	11.4	6.8	32.2	28.3	<2.5	<2.5
Nitrate	0.14	<0.025	0.11	1.78	2.83	0.79	0.93
Nitrite	<0.025	<0.025	<0.025	<0.025	0.438	<0.025	<0.025
Ortho-Phosphate	<0.05	0.26	0.24	0.30	0.39	<0.05	<0.05
Atrazine	<0.60	<0.60	<0.60	<0.60	<1.67		
Total Arsenic	8.9	12.0	10.0	2.6	9.13		
Dissolved Arsenic	9.3	11.0	12.0	2.9	<6.45		
Barium	0.13	0.16	0.16	0.12	0.134		
Cadmium	<0.00026	<0.00026	<0.00026	<0.00026	0.00042		
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 CaCO<sub>3</sub>, and Atrazine, Total Arsenic, Dissolved Arsenic—µg/L.