



Monthly Mineral Analyses

Date of Sample: December 14, 2021

UTILITIES

Maintenance of Lines & Treatment
 2726 Holly Road
 Corpus Christi
 Texas 78415
 Phone 361-826-1800
 Fax 361-826-1889
 www.cctexas.com

Gas
 4225 S. Port Ave.
 Corpus Christi
 Texas 78415
 Phone 361-885-6900
 Fax 361-853-3200
 www.cctexas.com

Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline	Colorado River	Stevens Treated	Distribution System Equivalent
Aluminum	0.17	0.72	0.38	1.9	1.2	0.17	0.18
Sodium	78	56	178	10	48	114	109
Iron	0.11	0.46	0.22	1.27	1.11	<0.014	<0.014
Manganese	0.014	0.012	0.012	0.019	0.060	0.001	0.001
Copper	<0.002	<0.002	<0.004	0.002	<0.002	<0.004	<0.004
Lead	<0.0005	<0.0005	<0.001	0.001	<0.002	<0.001	<0.001
Bromide	0.52	0.38	1.00	<0.025	0.50	0.36	0.34
Conductivity	688	646	1334	165	762	821	797
Total Alkalinity	161	173	195	67	238	98	116
Calcium	48	67	139	27	90	74	63
Chloride ³	103	86	271	17	61	170	136
Fluoride	0.20	0.18	0.20	0.13	0.50	0.12	0.11
Total Hardness	168	196	304	72	306	176	176
pH	8.35	8.36	8.14	7.96	8.34	8.05	7.29
Silica, Dissolved	19.0	23.8	23.8	15.4	10.5	16.2	17.1
Sulfate	56	50	94	10	65	96	89
Turbidity	5.9	17	7.0	46	35.5	0.21	0.15
Dissolved Solids	458	456	866	174	447	538	534
Suspended Solids	5	15	7	12	70	<2	<2
Nitrate	0.07	0.05	0.21	0.14	2.9	0.20	0.22
Nitrite	<0.025	<0.025	<0.025	<0.025	0.04	<0.025	<0.025
Ortho-Phosphate	<0.025	0.17	0.17	0.13	0.46	<0.025	<0.025
Atrazine	<2.5	<2.5	<2.5	<2.5	<0.2		
Total Arsenic	6.9	6.5	7.7	2.8	<6.4		
Dissolved Arsenic	6.0	6.0	7.1	2.6	6.6		
Barium	0.10	0.12	0.15	0.08	0.14		
Cadmium	<0.001	<0.001	<0.002	<0.001	<0.0005		
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.

*No data available for Colorado River.

Reviewed by: M. J. Juarez Title: Laboratory Manager Date: 2/04/2022