



# Monthly Mineral Analyses

Date of Sample: April 13, 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	0.24	1.3	0.57	3.0	0.08	0.20	0.20
Sodium	107	69.5	147	34.1	58.4	109	96.1
Iron	0.15	0.79	0.38	2.0	0.11	0.02	0.01
Manganese	0.022	0.022	0.018	0.046	0.170	0.001	0.002
Copper	<0.002	<0.002	<0.002	0.003	0.003	<0.002	<0.002
Lead	<0.0005	0.0006	<0.0005	0.0015	<0.005	<0.0005	<0.0005
Bromide	0.68	0.48	0.88	0.20	0.66	0.39	0.35
Conductivity	936	867	1324	520	777	956	939
Total Alkalinity	170	207	216	148	207	164	161
Calcium	53	79	111	51	59	69	69
Chloride	139	110	248	44	83	146	132
Fluoride	0.23	0.17	0.23	0.31	0.41	0.49	0.49
Total Hardness	188	240	312	160	239	228	216
pH	8.28	8.49	8.21	8.12	7.97	8.11	8.04
Silica, Dissolved	17.2	25.1	27.1	27.6	5.6	13.4	12.1
Sulfate	70	55	90	37	67	90	86
Turbidity	10	28	14	75	14	0.10	0.10
Dissolved Solids	484	436	696	260	410	508	400
Suspended Solids	15	14	4	13	15	<2	<2
Nitrate	0.16	0.16	0.18	1.27	0.66	0.62	0.52
Nitrite	<0.02	<0.02	<0.02	<0.02	0.09	<0.02	<0.02
Ortho-Phosphate	0.14	0.19	0.19	0.30	0.31	<0.03	<0.03
Atrazine	<2.5	<2.5	<2.5	<2.5	<0.1		
Total Arsenic	6.4	7.0	8.4	3.0	7.9		
Dissolved Arsenic	6.4	6.6	12.1	2.6	6.7		
Barium	0.11	0.16	0.17	0.13	0.12		
Cadmium	<0.001	<0.001	<0.001	<0.001	<0.002		
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 CaCO<sub>3</sub>, and Atrazine, Total Arsenic, Dissolved Arsenic—µg/L.

As of January 2021, Stevens Treated (Plant #1) and Stevens Treated (Plant #2) have been combined into a single sample location and entry point. Monthly Mineral Reports will now only show sample results for the combined 'Stevens Treated'.

Reviewed by: J. D. Bin Title: QA Officer Date: 4-30-21

Approved by: M. B. Juarez Title: Laboratory Manager Date: 4/30/21