



**Monthly Mineral Analyses**  
Date of Sample: January 9, 2018

Parameter	Choke Canyon	Lake CC	Stevens Intake	Lake Texana
Aluminum	0.263	0.491	0.547	0.725
Sodium	101	61.1	170	7.89
Iron	0.158	0.351	0.412	0.587
Manganese	0.008	0.012	0.042	0.013
Copper	< 0.002	0.002	0.002	0.002
Lead	< 0.002	< 0.002	< 0.002	< 0.002
Bromide	0.83	0.43	1.5	0.06
Conductivity	1023	753	1497	209
Total Alkalinity	152	186	203	72
Calcium	83	80	101	24
Chloride	154	79	295	17
Fluoride	0.31	0.25	0.28	0.18
Total Hardness	184	208	320	116
pH	8.36	8.49	8.00	7.90
Silica, Dissolved*	25.7	27.8	32.1	13.7
Sulfate	66	37	100	6.0
Turbidity	9.2	16	15	26
Dissolved Solids	514	418	841	142
Suspended Solids	7	4	5	3
Nitrate	0.10	0.17	0.41	0.15
Nitrite	< 0.02	< 0.02	< 0.02	< 0.02
Ortho Phosphorous	< 0.03	0.29	0.26	0.15
Atrazine	< 0.6	< 0.6	< 0.6	< 0.6
Total Arsenic	8.81	8.65	9.95	2.80
Dissolved Arsenic	8.53	7.99	9.18	3.02
Barium	0.113	0.135	0.142	0.068
Cadmium	< 0.002	< 0.002	< 0.002	< 0.002
Mercury	< 0.0002	< 0.0002	< 0.0002	< 0.0002

Results expressed in mg/L, except as follows: Conductivity – umhos/cm, pH – SU, Turbidity – NTU, and Atrazine, Total Arsenic, Dissolved Arsenic – µg/L, Total Hardness/Total Alkalinity – mg/L as CaCO<sub>3</sub>

\* Calculation based on conversion from Silicon to Silica

Approved by: M. B. Jones Title: Laboratory Manager Date: 1/31/18

**UTILITIES**

**Maintenance  
of Lines**

**&  
Treatment**  
2726 Holly Road  
Corpus Christi  
Texas 78415  
Phone 361-826-1800  
Fax 361-826-1889

**Gas**

4225 S. Port Ave.  
Corpus Christi  
Texas 78415  
Phone 361-885-6900  
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Monthly Mineral Analyses  
Date of Sample January 9, 2018

Parameter	Stevens Treated (Plant #1)	Stevens Treated (Plant #2)	Distribution System Equivalent
Aluminum	0.148	0.135	0.109
Sodium	102	97.6	99.9
Iron	< 0.05	< 0.05	< 0.05
Manganese	< 0.005	< 0.005	< 0.005
Copper	< 0.002	< 0.002	< 0.002
Lead	< 0.002	< 0.002	< 0.002
Bromide	0.58	0.48	0.50
Conductivity	976	924	979
Total Alkalinity	134	129	149
Calcium	64	66	69
Chloride	147	144	145
Fluoride	0.38	0.37	0.39
Total Hardness	212	188	204
pH	7.98	8.00	7.99
Silica, Dissolved*	19.3	18.4	18.2
Sulfate	82	83	87
Turbidity	0.10	0.10	0.10
Dissolved Solids	505	495	507
Suspended Solids	< 2	< 2	< 2
Nitrate	0.30	0.34	0.61
Nitrite	< 0.02	< 0.02	< 0.02
Ortho Phosphorous	< 0.03	< 0.03	< 0.03

Results expressed in mg/L, except as follows: Conductivity – umhos/cm, pH – SU, and Turbidity – NTU.

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Approved by: MB Juarez Title: Laboratory Manager Date: 1/31/18