



City of
Corpus
Christi

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
Fax 361-853-3200

Monthly Mineral Analyses

Date of Sample: July 17, 2018

Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline
Aluminum	0.152	1.03	0.677	0.514
Sodium	123	61	128	13
Iron	0.088	0.682	0.388	0.338
Manganese	0.024	0.029	0.038	0.015
Copper	<0.002	<0.002	0.003	0.004
Lead	<0.002	<0.002	<0.002	<0.002
Bromide	0.97	0.33	1.01	0.08
Conductivity	1057	789	1271	247
Total Alkalinity	157	211	195	98
Calcium	58	78	104	34
Chloride	162	80	204	18
Fluoride	0.24	0.16	0.22	0.20
Total Hardness	224	236	296	112
pH	8.61	8.67	8.35	8.12
Silica, Dissolved*	27.4	32.5	33.2	12.8
Sulfate	69	37	69	5.3
Turbidity	8.1	22	15	16
Dissolved Solids	609	483	784	171
Suspended Solids	9	13	8	4
Nitrate	0.07	0.15	0.21	0.20
Nitrite	<0.02	<0.02	<0.02	<0.02
Ortho Phosphorous	<0.03	0.28	0.26	0.10
Atrazine	<0.05	<0.05	<0.05	0.089
Total Arsenic	11.4	9.71	10.4	2.62
Dissolved Arsenic	9.1	9.9	9.84	2.33
Barium	0.12	0.15	0.16	0.09
Cadmium	<0.001	<0.001	<0.001	<0.001
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 CaCO₃

Reviewed by: Valerie Aultman Title: Technical Manager Date: 8-9-18

Approved by: MRS Juarez Title: Laboratory Manager Date: 8/9/18



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Monthly Mineral Analyses

Date of Sample July 17, 2018

Parameter	Stevens Treated (Plant #1)	Stevens Treated (Plant #2)	Distribution System Equivalent
Aluminum	0.234	0.19	0.185
Sodium	114	114	117
Iron	<0.02	<0.02	0.072
Manganese	0.003	<0.002	0.002
Copper	0.003	<0.002	0.002
Lead	<0.002	<0.002	<0.002
Bromide	0.43	0.54	0.52
Conductivity	1081	1083	1097
Total Alkalinity	167	154	157
Calcium	80	72	78
Chloride	150	154	158
Fluoride	0.74	0.68	0.75
Total Hardness	240	228	216
pH	8.17	8.21	8.15
Silica, Dissolved*	20.9	20.8	20.0
Sulfate	87	92	93
Turbidity	0.15	0.10	0.10
Dissolved Solids	613	612	588
Suspended Solids	<2	<2	<2
Nitrate	0.21	0.21	0.23
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.

Reviewed by: Valerie Clifton Title: Technical Manager Date: 8-9-18

Approved by: M. Suarez Title: Laboratory Manager Date: 8/9/18