



Monthly Mineral Analyses
Date of Sample: December 15, 2020

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.
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Parameter	Choke Canyon	Lake CC	Stevens Intake	Mary Rhodes Pipeline
Aluminum	0.35	1.4	0.31	2.4
Sodium	85.6	57.2	147	30.5
Iron	0.19	0.82	0.18	1.3
Manganese	0.015	0.026	0.009	0.044
Copper	<0.002	<0.002	<0.002	0.002
Lead	<0.0005	0.0006	<0.0005	0.0009
Bromide	0.70	0.40	0.83	0.16
Conductivity	808	750	1314	490
Total Alkalinity	143	193	210	152
Calcium	50	88	144	48
Chloride	112	84	237	31
Fluoride	0.21	0.26	0.30	0.32
Total Hardness	160	224	312	160
pH	8.32	8.42	7.97	8.07
Silica, Dissolved	20.5	28.3	27.6	15.4
Sulfate	57	42	80	30
Turbidity	10	26	7.6	40
Dissolved Solids	496	518	766	322
Suspended Solids	11	28	3	17
Nitrate	0.11	0.15	0.29	1.98
Nitrite	<0.02	<0.02	<0.02	<0.02
Ortho Phosphorous	<0.02	0.16	0.15	0.29
Atrazine	<2.4	<2.5	<2.5	<2.5
Total Arsenic	6.7	8.1	8.7	3.6
Dissolved Arsenic	16.5	14.8	15.2	<10.0
Barium	0.10	0.16	0.16	0.14
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: Morissa Sautter Title: Laboratory Tech III Date: 12-30-2020

Approved by: [Signature] Title: Laboratory Manager Date: 12/30/2020



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Parameter	Stevens Treated (Plant #1)	Stevens Treated (Plant #2)	Distribution System Equivalent
Aluminum	0.16	0.14	0.17
Sodium	85.3	82.8	74.0
Iron	<0.007	<0.007	0.13
Manganese	0.0006	0.001	0.010
Copper	<0.002	<0.002	<0.002
Lead	<0.0005	<0.0005	<0.0005
Bromide	0.31	0.31	0.28
Conductivity	878	863	765
Total Alkalinity	166	154	124
Calcium	90	82	67
Chloride	111	108	99
Fluoride	0.61	0.47	0.53
Total Hardness	212	212	172
pH	8.10	8.06	8.06
Silica, Dissolved	16.6	16.3	16.3
Sulfate	75	74	64
Turbidity	1.1	1.2	0.40
Dissolved Solids	524	516	448
Suspended Solids	<2	<2	<2
Nitrate	0.88	0.83	0.40
Nitrite	<0.02	<0.02	<0.02
Ortho Phosphorous	0.12	0.07	0.02

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

Reviewed by: Maria Jauton Title: Laboratory Tech III Date: 12-30-2020

Approved by: [Signature] Title: Laboratory Manager Date: 12/30/2020