



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: May 10, 2016

Parameter	Choke Canyon	Lake CC	Stevens Intake	Lake Texana
Aluminum	0.310	0.840	0.839	3.53
Sodium	109	40.8	132	6.28
Iron	0.175	0.543	0.585	2.55
Manganese	0.0275	0.0423	0.0798	0.0419
Copper	<0.002	<0.002	0.0032	0.0053
Lead	<0.002	<0.002	<0.002	0.0021
Bromide	1.14	0.20	0.77	0.02
Conductivity	1003	656	1327	167.1
Total Alkalinity	162	207	215	55
Calcium	64	75	109	19
Chloride	166	61	259	9.7
Fluoride	0.20	0.14	0.19	0.08
Total Hardness	200	216	312	56
pH	8.35	8.39	8.02	7.32
Silica, Dissolved*	24.2	25.0	29.5	30.6
Sulfate	70	26	76	5.3
Turbidity	9.8	21	16	80
Dissolved Solids	556	391	789	188
Suspended Solids	9	13	7	7
Nitrate	0.07	0.13	0.27	0.78
Nitrite	< 0.02	0.06	< 0.02	<0.02
Ortho Phosphorous	< 0.03	0.15	0.16	0.10
Atrazine	<0.05	<0.05	<0.05	0.166
Total Arsenic	5.79	3.58	6.48	<2.0
Dissolved Arsenic	6.66	4.28	6.26	<2.0
Barium	0.122	0.138	0.158	0.086
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

* Calculation based on conversion from Silicon to Silica

Approved by: M. B. Juarez Title: Lab Manager Date: 6/13/16



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Monthly Mineral Analyses

Date of Sample May 10, 2016

Parameter	Stevens Treated (Plant #1)	Stevens Treated (Plant #2)	Distribution System Equivalent
Aluminum	0.124	0.106	0.129
Sodium	93.9	84.8	96.8
Iron	<0.02	<0.02	<0.02
Manganese	0.0184	0.0576	0.0113
Copper	<0.002	<0.002	<0.002
Lead	<0.002	<0.002	<0.002
Bromide	0.36	0.52	0.40
Conductivity	940	903	979
Total Alkalinity	128	120	139
Calcium	70	67	74
Chloride	159	155	168
Fluoride	0.74	0.69	0.85
Total Hardness	208	176	204
pH	7.83	7.69	7.87
Silica, Dissolved*	18.3	18.6	19.6
Sulfate	80	72	80
Turbidity	0.30	0.40	0.20
Dissolved Solids	527	493	548
Suspended Solids	< 2	< 2	< 2
Nitrate	0.51	0.50	0.49
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.

* Calculation based on conversion from Silicon to Silica

Approved by: M. B. Juarez Title: Lab Manager Date: 6/1/16

Bacteriological Analysis Summary For Website

Date of Collection	Location	Results		Date of Validation
		Total Coliform	E. Coli	
5/2/2016	14200 block Playa Del Rey	Absent	Absent	5/3/2016
5/2/2016	6100 block Parkway Dr.	Absent	Absent	5/3/2016
5/2/2016	5500 block Wooldridge Dr.	Absent	Absent	5/3/2016
5/2/2016	1600 block La Joya St.	Absent	Absent	5/3/2016
5/2/2016	200 block Junior Beck Dr.	Absent	Absent	5/3/2016
5/2/2016	14800 block Santa Gertrudis Dr.	Absent	Absent	5/3/2016
5/2/2016	8900 block McNorton Dr.	Absent	Absent	5/3/2016
5/2/2016	700 block Westchester Dr.	Absent	Absent	5/3/2016
5/2/2016	2300 block Summers St.	Absent	Absent	5/3/2016
5/2/2016	1500 block 6th St.	Absent	Absent	5/3/2016
5/3/2016	5200 block Northwest Trl.	Absent	Absent	5/4/2016
5/3/2016	9100 block Stock Dr.	Absent	Absent	5/4/2016
5/3/2016	200 block Saratoga Blvd.	Absent	Absent	5/4/2016
5/3/2016	1300 block Calle San Marcos	Absent	Absent	5/4/2016
5/3/2016	14900 block Windward Dr.	Absent	Absent	5/4/2016
5/3/2016	1100 block Cornerstone Dr.	Absent	Absent	5/4/2016
5/3/2016	5600 block King Trl.	Absent	Absent	5/4/2016
5/3/2016	4300 block Cedar St.	Absent	Absent	5/4/2016
5/3/2016	200 block Eastgate Dr.	Absent	Absent	5/4/2016
5/4/2016	13900 block Skysail St.	Absent	Absent	5/5/2016
5/4/2016	500 block Military Dr.	Absent	Absent	5/5/2016
5/4/2016	2300 block Rodd Field Rd.	Absent	Absent	5/5/2016
5/4/2016	5500 block Fox Run Dr.	Absent	Absent	5/5/2016
5/4/2016	300 block Glenmore	Absent	Absent	5/5/2016
5/4/2016	4200 block Wildcat Dr.	Absent	Absent	5/5/2016
5/4/2016	900 block Nueces Bay Blvd.	Absent	Absent	5/5/2016
5/4/2016	500 block Belden St.	Absent	Absent	5/5/2016
5/4/2016	500 block St. Charles St.	Absent	Absent	5/5/2016
5/5/2016	4200 block Western Dr.	Absent	Absent	5/6/2016
5/5/2016	5800 block Hampshire Rd.	Absent	Absent	5/6/2016
5/5/2016	4800 block Neptune St.	Absent	Absent	5/6/2016
5/5/2016	900 block Rosedale Dr.	Absent	Absent	5/6/2016
5/5/2016	15200 block Caravel Dr.	Absent	Absent	5/6/2016
5/5/2016	9500 block Quetzal St.	Absent	Absent	5/6/2016
5/5/2016	1300 block Sandstone Dr.	Absent	Absent	5/6/2016
5/5/2016	3600 block Capri Dr.	Absent	Absent	5/6/2016

5/6/2016	100 block Commerce St.	Absent	Absent	5/7/2016
5/6/2016	1000 block International Dr.	Absent	Absent	5/7/2016
5/6/2016	1700 block Bois d'Arc Pl.	Absent	Absent	5/7/2016
5/6/2016	4900 block Hakel Dr.	Absent	Absent	5/7/2016
5/6/2016	900 block Lum St.	Absent	Absent	5/7/2016
5/6/2016	15200 block Cruiser St.	Absent	Absent	5/7/2016
5/6/2016	1600 block Amber Dr.	Absent	Absent	5/7/2016
5/6/2016	700 block Orleans Dr.	Absent	Absent	5/7/2016
5/6/2016	900 block Egyptian Dr.	Present	Absent	5/7/2016
5/7/2016	900 block Egyptian Dr.	Absent	Absent	5/8/2016
5/7/2016	900 block Egyptian Dr. (Upstream)	Absent	Absent	5/8/2016
5/7/2016	800 block Egyptian Dr. (Downstream)	Absent	Absent	5/8/2016
5/9/2016	11000 block Annville Rd.	Absent	Absent	5/10/2016
5/9/2016	200 block Gibson Ln.	Absent	Absent	5/10/2016
5/9/2016	4800 block French Dr.	Absent	Absent	5/10/2016
5/9/2016	5000 block Cape Ann Dr.	Absent	Absent	5/10/2016
5/9/2016	15200 block Cruiser St.	Absent	Absent	5/10/2016
5/9/2016	4100 block Summit Dr.	Absent	Absent	5/10/2016
5/9/2016	7500 block Annemasse	Absent	Absent	5/10/2016
5/9/2016	7700 block Starnberg Lake	Absent	Absent	5/10/2016
5/10/2016	11700 block Haven Dr.	Absent	Absent	5/11/2016
5/10/2016	500 block S.Carancahua St.	Absent	Absent	5/11/2016
5/10/2016	3900 block Ocean Dr.	Absent	Absent	5/11/2016
5/10/2016	300 block Glenmore St.	Absent	Absent	5/11/2016
5/10/2016	15800 block El Socorro Loop	Absent	Absent	5/11/2016
5/10/2016	1100 block Harbor Lights Dr.	Absent	Absent	5/11/2016
5/10/2016	6600 block Meadowheights Dr.	Absent	Absent	5/11/2016
5/10/2016	5300 block Alejandro St.	Absent	Absent	5/11/2016
5/11/2016	2700 block Windrock Dr.	Absent	Absent	5/12/2016
5/11/2016	4100 block Bascule Dr.	Absent	Absent	5/12/2016
5/11/2016	4000 block Hidalgo St.	Absent	Absent	5/12/2016
5/11/2016	600 block Southern St.	Absent	Absent	5/12/2016
5/11/2016	15800 block Almeria Ave.	Absent	Absent	5/12/2016
5/11/2016	7900 block Impala Dr.	Absent	Absent	5/12/2016
5/11/2016	7600 block Timber Crest Dr.	Absent	Absent	5/12/2016
5/11/2016	4000 block Donaho Dr.	Absent	Absent	5/12/2016
5/12/2016	14200 block Playa Del Rey	Absent	Absent	5/13/2016
5/12/2016	3600 block Flour Bluff Dr.	Absent	Absent	5/13/2016
5/12/2016	3900 block Elvis Dr.	Present	Absent	5/13/2016

5/12/2016	6700 block Weber Rd.	Absent	Absent	5/13/2016
5/12/2016	3800 block Castle Ridge Dr.	Absent	Absent	5/13/2016
5/12/2016	2800 block S.Port Ave.	Absent	Absent	5/13/2016
5/12/2016	1200 block 10th St.	Absent	Absent	5/13/2016
5/12/2016	3900 block Cott St.	Absent	Absent	5/13/2016
5/12/2016	4100 block Summit Dr.	Absent	Absent	5/13/2016
5/12/2016	9500 block Quetzal St.	Absent	Absent	5/13/2016
5/12/2016	1100 block Harbor Lights Dr.	Absent	Absent	5/13/2016
5/12/2016	300 block Glenmore	Unsuitable	---	5/13/2016
5/12/2016	500 block Carancahua	Absent	Absent	5/13/2016
5/12/2016	500 block St. Charles St.	Absent	Absent	5/13/2016
5/13/2016	9500 block Quetzal St.	Absent	Absent	5/14/2016
5/13/2016	300 block Glenmore (Replacement)	Absent	Absent	5/14/2016
5/13/2016	15200 block Caravel Dr.	Absent	Absent	5/14/2016
5/13/2016	2900 block Oso Pkwy.	Absent	Absent	5/14/2016
5/13/2016	5900 block Long Creek Dr.	Absent	Absent	5/14/2016
5/13/2016	1600 block E. Manor Dr.	Absent	Absent	5/14/2016
5/13/2016	3900 block Elvis Dr.	Absent	Absent	5/14/2016
5/13/2016	3900 block Priscilla (Upstream)	Absent	Absent	5/14/2016
5/13/2016	3900 block Elvis Dr. (DownStream)	Absent	Absent	5/14/2016
5/15/2016	1100 block Harbor Lights Dr.	Absent	Absent	5/16/2016
5/15/2016	5000 block Cape Ann Dr.	Absent	Absent	5/16/2016
5/15/2016	2900 block Oso Pkwy.	Absent	Absent	5/16/2016
5/15/2016	7500 block Annemasse	Absent	Absent	5/16/2016
5/15/2016	6100 block Parkway Dr.	Absent	Absent	5/16/2016
5/16/2016	1100 block Harbor Lights Dr.	Absent	Absent	5/17/2016
5/16/2016	5000 block Cape Ann Dr.	Absent	Absent	5/17/2016
5/16/2016	2900 block Oso Pkwy.	Absent	Absent	5/17/2016
5/16/2016	7500 block Annemasse	Absent	Absent	5/17/2016
5/16/2016	6100 block Parkway Dr.	Absent	Absent	5/17/2016
5/16/2016	14900 block Windward Dr.	Absent	Absent	5/17/2016
5/16/2016	2100 block Whispering Oak Dr.	Absent	Absent	5/17/2016
5/16/2016	7000 block Arapahoe St.	Absent	Absent	5/17/2016
5/16/2016	4700 block Congressional Dr.	Absent	Absent	5/17/2016
5/16/2016	5800 block St. Andrews Dr.	Absent	Absent	5/17/2016
5/16/2016	300 block Wildwood Dr.	Absent	Absent	5/17/2016
5/16/2016	1300 block Horne Rd.	Absent	Absent	5/17/2016
5/16/2016	2200 block Buford St.	Absent	Absent	5/17/2016
5/16/2016	200 block Amistad	Absent	Absent	5/17/2016

5/17/2016	13900 block Skysail St.	Absent	Absent	5/18/2016
5/17/2016	200 block Caribbean Dr.	Absent	Absent	5/18/2016
5/17/2016	3000 block So. Fork Dr.	Absent	Absent	5/18/2016
5/17/2016	6500 block Brockhampton St.	Absent	Absent	5/18/2016
5/17/2016	3100 block Saratoga Blvd.	Absent	Absent	5/18/2016
5/17/2016	9600 block Wilkins Dr.	Absent	Absent	5/18/2016
5/17/2016	5500 block IH 37 Access Rd.	Absent	Absent	5/18/2016
5/17/2016	1400 block Arlington	Absent	Absent	5/18/2016
5/17/2016	4300 block Harry St.	Absent	Absent	5/18/2016
5/18/2016	14200 block Playa Del Rey	Absent	Absent	5/19/2016
5/18/2016	6100 block Parkway Dr.	Absent	Absent	5/19/2016
5/18/2016	5500 block Wooldridge Dr.	Absent	Absent	5/19/2016
5/18/2016	1600 block La Joya St.	Absent	Absent	5/19/2016
5/18/2016	200 block Junior Beck Dr.	Absent	Absent	5/19/2016
5/18/2016	15200 block Caravel Dr.	Absent	Absent	5/19/2016
5/18/2016	2900 block Oso Pkwy.	Absent	Absent	5/19/2016
5/18/2016	5900 block Long Creek Dr.	Absent	Absent	5/19/2016
5/18/2016	1600 block E.Manor Dr.	Absent	Absent	5/19/2016
5/18/2016	15200 block Cruiser St.	Absent	Absent	5/19/2016
5/18/2016	1600 block Amber Dr.	Absent	Absent	5/19/2016
5/18/2016	700 block Orleans Dr.	Absent	Absent	5/19/2016
5/18/2016	900 block Egyptian Dr.	Absent	Absent	5/19/2016
5/18/2016	100 block Commerce St.	Absent	Absent	5/19/2016
5/18/2016	1000 block International Dr.	Absent	Absent	5/19/2016
5/18/2016	1700 block Bois d'Arc Pl.	Absent	Absent	5/19/2016
5/18/2016	4900 block Hakel Dr.	Absent	Absent	5/19/2016
5/18/2016	900 block Lum St.	Absent	Absent	5/19/2016
5/18/2016	14800 block Santa Gertrudis Dr.	Absent	Absent	5/19/2016
5/18/2016	8900 block McNorton Dr.	Absent	Absent	5/19/2016
5/18/2016	700 block Westchester Dr.	Absent	Absent	5/19/2016
5/18/2016	2300 block Summers St.	Absent	Absent	5/19/2016
5/18/2016	1500 block 6th St.	Absent	Absent	5/19/2016
5/18/2016	8100 block Barrogate Dr.	Absent	Absent	5/19/2016
5/18/2016	1200 block Southern Minerals Rd.	Absent	Absent	5/19/2016
5/18/2016	4600 block Evelyn St.	Absent	Absent	5/19/2016
5/18/2016	3100 block Brawner Pkwy.	Absent	Absent	5/19/2016
5/18/2016	300 block Wildwood Dr.	Absent	Absent	5/19/2016
5/18/2016	1300 block Horne Rd.	Absent	Absent	5/19/2016
5/18/2016	2200 block Buford St.	Absent	Absent	5/19/2016

5/18/2016	200 block Amistad	Absent	Absent	5/19/2016
5/18/2016	600 block Carmel	Absent	Absent	5/19/2016
5/19/2016	15800 block Almeria Ave.	Unsuitable	---	5/20/2016
5/19/2016	7900 block Impala Dr.	Absent	Absent	5/20/2016
5/19/2016	7600 block Timber Crest Dr.	Absent	Absent	5/20/2016
5/19/2016	4000 block Donaho Dr.	Absent	Absent	5/20/2016
5/19/2016	13900 block Skysail St.	Absent	Absent	5/20/2016
5/19/2016	500 block Military Dr.	Absent	Absent	5/20/2016
5/19/2016	2300 block Rodd Field Rd.	Absent	Absent	5/20/2016
5/19/2016	5500 block Fox Run Dr.	Absent	Absent	5/20/2016
5/19/2016	900 block Nueces Bay Blvd.	Absent	Absent	5/20/2016
5/19/2016	500 block Belden St.	Absent	Absent	5/20/2016
5/19/2016	500 block St. Charles St.	Absent	Absent	5/20/2016
5/19/2016	14900 block Windward Dr.	Absent	Absent	5/20/2016
5/19/2016	1100 block Cornerstone Dr.	Absent	Absent	5/20/2016
5/19/2016	5600 block King Trl.	Absent	Absent	5/20/2016
5/19/2016	4300 block Cedar St.	Absent	Absent	5/20/2016
5/19/2016	200 block Eastgate Dr.	Absent	Absent	5/20/2016
5/19/2016	15200 block Caravel Dr.	Absent	Absent	5/20/2016
5/19/2016	9500 block Quetzal St.	Absent	Absent	5/20/2016
5/19/2016	1300 block Sandstone Dr.	Absent	Absent	5/20/2016
5/19/2016	3600 block Capri Dr.	Absent	Absent	5/20/2016
5/19/2016	5200 block Northwest Trl.	Absent	Absent	5/20/2016
5/19/2016	9100 block Stock Dr.	Absent	Absent	5/20/2016
5/19/2016	200 block Saratoga Blvd.	Absent	Absent	5/20/2016
5/19/2016	1300 block Calle San Marcos	Unsuitable	---	5/20/2016
5/19/2016	4200 block Western Dr.	Absent	Absent	5/20/2016
5/19/2016	5800 block Hampshire Rd.	Absent	Absent	5/20/2016
5/19/2016	4800 block Neptune St.	Absent	Absent	5/20/2016
5/19/2016	900 block Rosedale Dr.	Absent	Absent	5/20/2016
5/19/2016	2700 block Windrock Dr.	Absent	Absent	5/20/2016
5/19/2016	4100 block Bascule Dr.	Absent	Absent	5/20/2016
5/19/2016	4000 block Hidalgo St.	Absent	Absent	5/20/2016
5/19/2016	600 block Southern St.	Absent	Absent	5/20/2016
5/19/2016	7700 block Starnberg Lake	Absent	Absent	5/20/2016
5/19/2016	7500 block Annemasse	Absent	Absent	5/20/2016
5/19/2016	5800 block St. Andrews Dr.	Absent	Absent	5/20/2016
5/19/2016	11000 block Annaville Rd.	Absent	Absent	5/20/2016
5/19/2016	200 block Gibson Ln.	Absent	Absent	5/20/2016

5/19/2016	4800 block French Dr.	Absent	Absent	5/20/2016
5/19/2016	5000 block Cape Ann Dr.	Unsuitable	---	5/20/2016
5/19/2016	15200 block Cruiser St.	Absent	Absent	5/20/2016
5/19/2016	4100 block Summit Dr.	Absent	Absent	5/20/2016
5/19/2016	14900 block Windward Dr.	Absent	Absent	5/20/2016
5/19/2016	2100 block Whispering Oak Dr.	Absent	Absent	5/20/2016
5/19/2016	7000 block Arapahoe St.	Unsuitable	---	5/20/2016
5/19/2016	4700 block Congressional Dr.	Absent	Absent	5/20/2016
5/20/2016	15800 block Almeria Ave.	Absent	Absent	5/21/2016
5/20/2016	1300 block Calle San Marcos	Absent	Absent	5/21/2016
5/20/2016	5000 block Cape Ann Dr.	Absent	Absent	5/21/2016
5/20/2016	7000 block Arapahoe St.	Absent	Absent	5/21/2016