



**TEXAS COMMISSION ON ENVIRONMENTAL QUALITY**  
 Water Availability Division - MC-160, P.O. Box 13087 Austin, Texas 78711-3087  
 Telephone (512) 239-4691, FAX (512) 239-2214

**WATER CONSERVATION IMPLEMENTATION REPORT  
 FORM AND SUMMARY OF UPDATES/REVISIONS TO  
 WATER CONSERVATION PLAN**

(Texas Water Code §11.1271(b) and Title 30 Texas Administrative Code §288.30(1) to (4))

Please note, this form replaces the following forms: TCEQ-20645 (Non-Public Water Suppliers) and TCEQ-20646 (Public Water Suppliers)

**This Form is applicable to the following entities:**

1. Water Right Holders of 1,000 acre-feet or more for municipal, industrial, and other non-irrigation uses.
2. Water Right Holders of 10,000 acre-feet or more for irrigation uses.

The above noted entities are required by rule to submit updates to their water conservation plan(s) and water conservation implementation report(s) every five years. The most current five-year submittal deadline is **May 1<sup>st</sup>, 2019**. See 30 Texas Administrative Code (TAC) §288.30(1) to (4). Entities must also submit any revisions to their water conservation plan within 90 days of adoption when the plans are revised in between the five-year submittal deadlines. This form may be used for the five-year submittal or when revisions are made to the water conservation plans in the interim periods between five-year submittals. Please complete the form as directed below.

1. Water Right Holder Name: Nueces County Water Control and Improvement District #3
2. Water Right Permit or Certificate Nos. 2466-200

3. Please Indicate by placing an 'X' next to all that Apply to your Entity:

Water Right Holder of 1,000 acre-feet or more for non-irrigation uses

- Municipal Water Use by Public Water Supplier
- Wholesale Public Water Supplier
- Industrial Use
- Mining Use
- Agriculture Non-Irrigation

Water Right Holder of 10,000 acre-feet or more for irrigation uses

- Individually-Operated Irrigation System
- Agricultural Water Suppliers Providing Water to More Than One User

**Water Conservation Implementation Reports/Annual Reports**

4. Water Conservation Annual Reports for the previous five years were submitted to the Texas Water Development Board (TWDB) for each of the uses indicated above as required by 30 TAC §288.30(10)(C)? Yes  No

TCEQ no longer requires submittal of the information contained in the detailed implementation report previously required in Forms TCEQ-20645 (Non-Public Water Suppliers) and TCEQ-20646 (Public Water Suppliers). However, the Entity must be up-to-date on its Annual Report Submittals to the TWDB.

**Water Conservation Plans**

5. For the five-year submittal (or for revisions between the five-year submittals), attach your updated or revised Water Conservation Plan for each of the uses indicated in Section 3, above. Every updated or revised water conservation plan submitted must contain each of the minimum requirements found in the TCEQ rules and must be duly adopted by the entity submitting the water conservation plan. Please include evidence that each water conservation plan submitted has been adopted.

- Rules on minimum requirements for Water Conservation Plans can be found in 30 TAC 288.  
[http://texreg.sos.state.tx.us/public/readtac%24ext.ViewTAC?tac\\_view=4&ti=30&pt=1&ch=288](http://texreg.sos.state.tx.us/public/readtac%24ext.ViewTAC?tac_view=4&ti=30&pt=1&ch=288)
- Forms which include the minimum requirements and other useful information are also available to assist you. Visit the TCEQ webpage for Water Conservation Plans and Reports. [https://www.tceq.texas.gov/permitting/water\\_rights/wr\\_technical-resources/conserve.html](https://www.tceq.texas.gov/permitting/water_rights/wr_technical-resources/conserve.html)

*Call 512-239-4691 or email to [wcp@tceq.texas.gov](mailto:wcp@tceq.texas.gov) for assistance with the requirements for your water conservation plan(s) and report(s).*

6. For each Water Conservation Plan submitted, state whether the five and ten-year targets for water savings and water loss were met in your *previous* water conservation plan.

Yes  No

If the targets were not met, please provide an explanation.

7. For each five-year submittal, does each water conservation plan submitted contain *updated* five and ten-year targets for water savings and water loss?

Yes  No

If yes, please identify where in the water conservation plan the updated targets are located (page, section).

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8. In the box below (or in an attachment titled "Summary of Updates or Revisions to Water Conservation Plans), please identify any other revisions/updates made to each water conservation plan that is being updated or revised. Please specify the water conservation plan being updated and the location within the plan of the newly adopted updates or revisions.

Pg.8 of 30-Raw water is now transferred via 24" PVC pipeline rather than open earthen canal

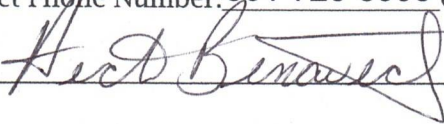
Pg.10 of 30 -Automated meter reading is about 25-30 percent complete. Most large meters and new subdivisions are now integrated into the AMR system. The program is ongoing on a monthly basis as available funds allow.

9. Form Completed by (Point of Contact): Hector Benavidez  
*(If different than name listed above, owner and contact may be different individual(s)/entities)*

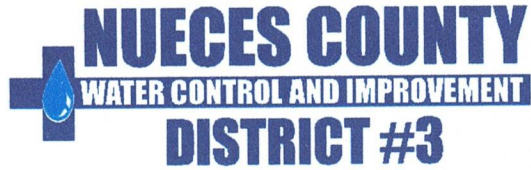
Contact Person Title/Position: Interim District Manager

Contact Address: P.O. Box 1147, Robstown, TX 78380

Contact Phone Number: 361-726-5995 Contact Email Address: hbenavidez@nueceswater3.com

Signature: 

Date: 10-10-19



# WATER CONSERVATION PLAN

**Retail:                   Section 1**  
**Wholesale:              Section 2**

**(Adopted on 10/08/2019 by the Nueces County WCID #3 Board of Directors)**

**Contact Information**

Name of Water Supplier: Nueces County WCID #3

Address: 501 E. Main Street

Telephone Number: 361-726-5995 Fax: (361) 387-4717

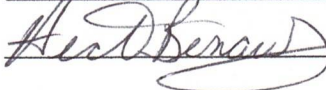
Water Right No.(s): 2466-200

Regional Water Planning Group: Region N

Water Conservation Coordinator (or person responsible for implementing conservation program): Hector Benavidez Phone: (361) 387-4549

Form Completed by: Philip J Richard

Title: Safewater Services/ Consultant

Signature:  Date: 09/20/2019

**A water conservation plan for municipal use by retail public water suppliers must include the following requirements (as detailed in 30 TAC Section 288.2). If the plan does not provide information for each requirement, you must include in the plan an explanation of why the requirement is not applicable.**

# Retail Utility Profile

## I. POPULATION AND CUSTOMER DATA

### A. *Population and Service Area Data*

1. Attach a copy of your service-area map and, if applicable, a copy of your Certificate of Convenience and Necessity (CCN).
2. Service area size (in square miles): 21  
(Please attach a copy of service-area map)
3. Current population of service area: 15800
4. Current population served for:
  - a. Water 15800
  - b. Wastewater 0

5. Population served for previous five years:

<u>Year</u>	<u>Population</u>
<u>2018</u>	<u>15600</u>
<u>2017</u>	<u>15385</u>
<u>2016</u>	<u>15050</u>
<u>2015</u>	<u>14650</u>
<u>2014</u>	<u>14100</u>

6. Projected population for service area in the following decades:

<u>Year</u>	<u>Population</u>
<u>2020</u>	<u>15890</u>
<u>2030</u>	<u>16890</u>
<u>2040</u>	<u>17200</u>
<u>2050</u>	<u>17500</u>
<u>2060</u>	<u>17800</u>

7. List source or method for the calculation of current and projected population size.  
US Census/US Hometown Locator/ US Gazetteer

### Customer Data

Quantified 5-year and 10-year goals for water savings:

	<i>Historic 5-year Average</i>	<i>Baseline</i>	<i>5-year goal for year 2023</i>	<i>10-year goal for year 2028</i>
Total GPCD	90.42	90.42	90.0	89.0
Residential GPCD	47.2	47.2	47.1	47.0
Water Loss GPCD	32.38	32.38	31.9	31.0
Water Loss Percentage	26%	26%	25%	24.8%

**Notes:**

Total GPCD = (Total Gallons in System ÷ Permanent Population) ÷ 365

Residential GPCD = (Gallons Used for Residential Use ÷ Residential Population) ÷ 365

Water Loss GPCD = (Total Water Loss ÷ Permanent Population) ÷ 365

Water Loss Percentage = (Total Water Loss ÷ Total Gallons in System) x 100; or (Water Loss GPCD ÷ Total GPCD) x 100

8. Current number of active connections. Check whether multi-family service is counted as  Residential or  Commercial?

<i>Treated Water Users</i>	<i>Metered</i>	<i>Non-Metered</i>	<i>Totals</i>
Residential	3793		3793
Single-Family	3642		3642
Multi-Family	151		151
Commercial	448		448
Industrial/Mining	1		1
Institutional	93		93
Agriculture	4		4
Other/Wholesale	1		1

9. List the number of new connections per year for most recent three years.



Year	2018	2017	2016
<i>Treated Water Users</i>			
Residential	5	5	5
Single-Family	5	5	5
Multi-Family			
Commercial	5	4	1
Industrial/Mining			
Institutional			
Agriculture			
Other/Wholesale			

10. List of annual water use for the five highest volume customers.

<i>Customer</i>	<i>Use (1,000 gal/year)</i>	<i>Treated or Raw Water</i>
Turfco	107676	Raw
Rancho de Luna Apts	5037	Treated
Figueroa Square Apts	4225	treated
Deere Robstown Hdwe	4142	Treated
Robstown Housing Authority	4134	treated

## II. WATER USE DATA FOR SERVICE AREA

### A. Water Accounting Data

1. List the amount of water use for the previous five years (in 1,000 gallons).

This is diverted water .

<i>Year</i>	2018	2017	2016	2015	2014
<i>Month</i>					
January	62370	65071	63315	62754	76764
February	56693	65101	69499	55959	62227
March	69823	65431	65231	57644	69490
April	87520	83411	59497	68821	78864
May	89978	89191	65114	65989	89787
June	80905	73530	70941	65558	107473
July	92472	95837	76056	88383	113918
August	82631	95893	83860	77415	101357
September	56510	66684	68134	79868	73630
October	66682	66156	68789	80976	74619
November	63040	64411	80550	65400	71146
December	64551	61808	71018	80295	71680
<b>Totals</b>	873175	892524	842004	899062	988013

Master meter @ point of diversion from Nueces River

2. Amount of water (in 1,000 gallons) delivered/sold as recorded by the following account types for the past five years.

<i>Year</i>	2018	2017	2016	2015	2014
<i>Account Types</i>					
Residential	264577	274787	289990	268865	275901
Single-Family					
Multi-Family					
Commercial	98897	117967	122943	110328	99790
Industrial/Mining	19465	35677	45700	35700	57400
Institutional	15699	17270	20058	13724	17115
Agriculture					
Other/Wholesale	87993	88207	87106	85518	101527

3. List the previous records for water loss for the past five years (the difference between water diverted or treated and water delivered or sold).

<i>Year</i>	<i>Amount (gallons)</i>	<i>Percent %</i>
2018	176776000	26%
2017	232981000	32%
2016	217381000	29%
2015	232981000	32%
2014	176776000	28%

## Projected Water Demands

Water supply demand should remain relatively constant over the next ten years. ( see RWPG Water Plan in Appendices)

The Water District has changed the method of diversion conveyance methods from an open unlined canal to an enclosed underground 24" PVC pipeline, which has reduced evaporation and water loss to zero.

The Water District is also exploring the possibility of an off river storage site. This project is ongoing at this time.

### III. WATER SUPPLY SYSTEM DATA

#### A. Water Supply Sources

1. List all current water supply sources and the amounts authorized (in acre feet) with each.

<i>Water Type</i>	<i>Source</i>	<i>Amount Authorized</i>
Surface Water	Nueces River	11546AcFt
Groundwater		
Other		

**B. Treatment and Distribution System (if providing treated water)**

1. Design daily capacity of system (MGD): 6.6MGD
2. Storage capacity (MGD):
  - a. Elevated 1M
  - b. Ground 1M
3. If surface water, do you recycle filter backwash to the head of the plant?  
 Yes     No If yes, approximate amount (MGD):

## Retail Water Conservation Plan

### Utility Profile

#### Utility Information

CCN#:

PWS#: 178005

RWPG: Region N Water Planning Group

COUNTY: Nueces

SERVICE AREA: 21.54 square miles, 75 miles of pipe

WATER SOURCE: Nueces River, diversion at Calallen Pool

STORAGE CAPACITY: Treated Water 2.0 MG TOTAL (2- .5M water towers = 1M elevated, 1M ground storage)

	<i>Historic 5-year Average</i>	<i>Baseline</i>	<i>5-year goal for year 2023</i>	<i>10-year goal for year 2028</i>
Total GPCD	90.42	90.42	90.0	89.0
Residential GPCD	47.2	47.2	47.1	47.0
Water Loss GPCD	32.38	32.38	31.9	31.0
Water Loss Percentage	26%	26%	25%	24.8%

## **Metering and Measuring Standards**

Nueces County WCID#3 meters 100% of water use in residential, industrial, commercial, and institutional accounts. . Nueces County WCID#3 has gone to Automated Meter Reading (AMR) system, and implementation is about 25%-30@ complete at this time. Meters are tested upon customer request. Master meters at the point of Raw Water Diversion, and at the Filter Plant are tested and calibrated annually.

Meter repair, testing, and replacement are as follows:

1. Master meters are tested and calibrated annually to within an accuracy of plus or minus 5%
2. Meters larger than 2" are tested and calibrated as necessary
3. Meters 1" or smaller are tested and calibrated or replaced in accordance with AWWA standards after 1 million gallons or every 15 years
4. Meters that may have abnormally high or low water usage are investigated and replaced if needed.

## **Water Loss**

The District maintains an ongoing program of leak detection and repair. Water lines found to have leaks are repaired in a timely manner. Visual inspection of water line easements are accomplished by the District's meter readers and service crews as well as sister utilities and citizens in the area. Major leaks are often discovered via SCADA at the Filter Plant. The Filter plant has an operator on duty and is manned on a 24/7 basis. Large meters in the District have mostly been replaced with AMR in the last 3 years.

## **Continuing Public Education & Information**

Nueces County WCID#3 conducts a program of ongoing public education that includes an annual summertime distribution of water conservation information at an annual Fun and Fish event for kids and adults in the District. The Water District's website lists many conservation tips and even categorizes different areas of the home and outdoor areas. Flyers, brochures, and verbal advice from District personnel are also available for customers.

## **Non-Promotional Water Rate Structure**

As a very effective conservation measure the District utilizes is a rate structure that deters water waste. As the requested meter size increases so does the minimum rate. Also in the rate structure is a surcharge per gallon on excess water use during triggers noted in the Drought Contingency Plan.

Nueces County WCID#3 standard rates and fees are displayed in the Appendices: RATES AND FEES SCHEDULE

# Standard Rates Schedule

Monthly Minimum                      Minimum Rate per size of meter - See below  
0 - 2,000 gallons

<b>Tier (gal.):</b>	<b>\$/ gal.:</b>
2001 - 6000 gallons	\$ 0.00400 per gallon
All over 6,000 gals	\$ 0.00525 per gallon
Up to 1 inch meter	\$ 44.00 minimum
2 inch meter	\$ 59.25 minimum
3 inch meter	\$ 90.50 minimum
4 inch meter	\$121.75 minimum
6 inch meter	\$ 163.00 minimum

## Deposits

- Residential Service Meter - \$200.00
- Fire Hydrant Meter - \$2,500.00
- Multi-Family - \$50 per unit (\$200 min.)
- Commercial/Industrial Meter - \$400.00

## Raw Water Rates

All Accounts                      \$0.00075 per gallon

***BILLING CYCLE IS FROM THE 15TH TO THE 15TH OF EACH MONTH***

**IMPORTANT DATES TO REMEMBER**

**15th - BILLS ARE DUE**

**22nd - Last day to pay without a delinquent fee**

**23rd - DELINQUENT FEE DUE**

**END OF MONTH - Last day to pay before suspension of service**

**1st or next business day if 1st falls on a weekend or holiday - SUSPENSION OF SERVICES**

**11th or next business day if 11th falls on a weekend or holiday - TERMINATION OF SERVICES**



## **Reservoir Systems Operations Plan**

Nueces County WCID#3 does not own or operate a reservoir at the diversion point on the Nueces River. The only reservoir is located at the Membrane Filtration Facility which is approximately 5 miles from the Nueces River. The reservoirs are level maintained on a daily basis for controlled draws from the river. The concept of a reservoir location between the plant reservoirs and the Nueces River has been in a study as of recent years. No firm action has been taken on this project to date.

## **Enforcement Procedure and Plan Adoption**

This Water Conservation will be read and adopted on the 8th day of October 2019 by the Board of Directors for Nueces County Water Control and Improvement District #3 at their regularly scheduled meeting. Enforcement of Water Conservation Plan and Drought Contingency Plans are carried out through the District Manager and his assignees as deemed necessary.

## **Coordination with the Regional Water Planning Group**

A copy of the adopted Water Conservation Plan and the Drought Contingency Plan will be delivered to Ms. Rocky Freund, Deputy Executive Director for the Nueces River Authority, and Administrative Agent for Texas Regional Water Planning Group N.

## **Plan Review and Update**

The Water Conservation will be reviewed on an ongoing basis and revised as needed with updates and changes submitted to the Texas Commission on Environmental Quality, Texas Water Development Board, and the Coastal Bend Regional Planning Group N.

## **Leak Detection and Repair**

The District maintains an ongoing program of leak detection and repair. Water lines found to have leaks are repaired in a timely manner. Visual inspection of water line easements are accomplished by the District's meter readers and service crews as well as sister utilities and citizens in the area. Major leaks are often discovered via SCADA at the Filter Plant. Filter plant has operator on duty and manned 24/7. Large meters in the District have mostly been replaced with AMR in the last 3 years.

Section 2

## Wholesale Contracts

Nueces County Water Control and Improvement District #3 has one wholesale contract customer. The District supplies treated water to River Acres Water Supply Corporation via a 6" metered connection immediately to the North and West of the District.

Any wholesale water supply contract entered into or renewed after official adoption of this plan and including any contract extension, that the wholesale customer develop and implement a water conservation plan or water conservation measures using the applicable elements in this chapter. Any District wholesale customer water will be required to implement water conservation measures in accordance with the provisions 30 TAC Chapter 288.

### Nueces County WCID#3

## Section 2

### Wholesale Water Conservation Plan

#### Contact Information

Name: Nueces County WCID #3

Address: 501 E Main St.

Telephone Number: (361)387-4549 Fax: (361) 387-4717

Water Right No.(s): 246-200

Regional Water Planning Group: N

Person responsible for implementing conservation program: Hector Benavidez Phone: (361) 387-4549

Form Completed By: Philip J Richard

Title: Safewater Services - Consultant

Signature: \_\_\_\_\_ Date: 09/20/2019

## Utility Profile

### IV. WHOLESALE SERVICE AREA POPULATION AND CUSTOMER DATA

*A. Population and Service Area Data:*

1. Service area size (in square miles): 21

(Please attach a copy of service-area map)

2. Current population of service area:

15800

3. Current population served for:

a. Water 15800

b. Wastewater

4. Population served for previous five years:

<i>Year</i>	<i>Population</i>
2018	15600
2017	155385
2016	15050
2015	14650
2014	14100

5. Projected population for service area in the following decades:

<i>Year</i>	<i>Population</i>
2020	15890
2030	16890
2040	17890
2050	18890
2060	19000

6. List source or method for the calculation of current and projected population size.

US Census, Past growth rates citydata.com, US Gazetteer

*B. Customer Data*

<i>Wholesale Customer</i>	<i>Contracted Amount (Acre-feet)</i>	<i>Previous Year Amount of Water Delivered (acre-feet)</i>
River Acres WSC	811 AcFt/year	270.04

C. *Water Delivery*

Indicate if the water provided under wholesale contracts is treated or raw water and the annual amounts for the previous five years (in acre feet):

<i>Year</i>	<i>Treated Water</i>	<i>Raw Water</i>
2018	270.04	
2017	270.70	
2016	267.32	
2015	262.45	
2014	311.58	
<b>Totals</b>	<b>1382.09</b>	

D. *Water Accounting Data*

1. Total amount of water diverted at the point of diversion(s) for the previous five years (in acre-feet) for all water uses:

<i>Year</i>	<i>2018</i>	<i>2017</i>	<i>2016</i>	<i>2015</i>	<i>2014</i>
<i>Month</i>					
January	191.41	199.69	204	192.59	226.4
February	173.98	199.79	213.2	171.73	191.0
March	214.27	200.80	200.0	176.90	213.0
April	288.59	255.98	183.0	211.0	242.0
May	276.13	273.62	199.8	203.0	275.6
June	248.29	225.66	217.7	201.0	329.9
July	283.78	294.11	233.4	271.0	350.0
August	253.58	294.28	257.0	238.0	311.0
September	173.42	204.65	209.0	245.0	226.0
October	204.64	203.02	244.4	249.0	228.99
November	193.46	197.97	247.1	201.0	218.0
December	198.09	189.68	217.9	246.0	220.0
<b>Totals</b>	<b>2626.8</b>	<b>2739.3</b>	<b>2689.6</b>	<b>3032.0</b>	<b>2606.2</b>

1. Wholesale population served and total amount of water diverted for **municipal use** for the previous five years (in acre-feet):

<i>Year</i>	<i>Total Population Served</i>	<i>Total Annual Water Diverted for Municipal Use</i>
2018	2500	270 AcFt
2017	2500	270 AcFt
2016	2500	245 AcFt
2015	2400	253 AcFt
2014	2400	311 AcFt

*E. Projected Water Demands*

If applicable, project and attach water supply demands for the next ten years using information such as population trends, historical water use, and economic growth in the service area over the next ten years and any additional water supply requirements from such growth.

**V. WATER SUPPLY SYSTEM DATA**

*A. Projected Water Demands*

List all current water supply sources and the amounts authorized (in acre feet) with each.

<i>Water Type</i>	<i>Source</i>	<i>Amount Authorized</i>
Surface Water	Nueces River	11546/Year
Groundwater		

*B. Treatment and Distribution System (if providing treated water)*

1. Design daily capacity of system (MGD):

6.6

2. Storage capacity (MGD):

- a. Elevated 1M

- b. Ground 1M

List all current water supply sources and the amounts authorized (in acre feet) with each.

<i>Water Type</i>	<i>Source</i>	<i>Amount Authorized</i>
Surface Water	Nueces River	11546/Year
Groundwater		
Other		

*C. Treatment and Distribution System (if providing treated water)*

1. Design daily capacity of system (MGD):

6.6

2. Storage capacity (MGD):

a. Elevated 1M and Ground 1M

**System Description:**

River Pump station located on Nueces River at north end of CR69. Raw is pumped via a 24" PVC pipeline to a 6.6 MGD membrane Filtration Facility. There is a 1million gallon concrete ground storage tank on the Filter Plant property. There are 2 elevated storage tanks at 500,000 gallons each. There is a 6" treated water line and meter serving River Acres Water Supply Corporation located on the North and west end of our system

## **Appendices**

- Appendix A: Standard and Drought Contingency Rate Tables**
- Appendix B: Certificate of Convenience and Necessity #10556**
- Appendix C: CCN Service Area map**
- Appendix D: Regional Water Planning Group N info**
- Appendix E: Public Utility Commission Info**
- Appendix F: Copy off Plan to RWPG**
- Appendix G: Plan adoption by Nueces County WCID#3 Board of Directors**

## APPENDIX A

### RATES AND FEES SCHEDULE

STANDARD MONTHLY WATER RATES				
<=1" Meter	0-2000 gallons	\$	44.00	Minimum
2" Meter	0-2000 gallons	\$	59.25	Minimum
3" Meter	0-2000 gallons	\$	90.50	Minimum
4" Meter	0-2000 gallons	\$	121.75	Minimum
6" Meter	0-2000 gallons	\$	163.00	Minimum
All Meters	2001-6000 gallons	\$	0.00400	per gallon
Standard	> 6000 gallons	\$	0.00525	per gallon
Stage 1 - DC	> 6000 gallons	\$	0.00525	per gallon
Stage 2 - DC	> 6000 gallons	\$	0.00625	per gallon
Stage 3 - DC	> 6000 gallons	\$	0.00725	per gallon
Stage 4 - DC	> 6000 gallons	\$	0.00825	per gallon
Stage 5 - DC	> 6000 gallons	\$	0.01025	per gallon
DC = Drought Contingency				

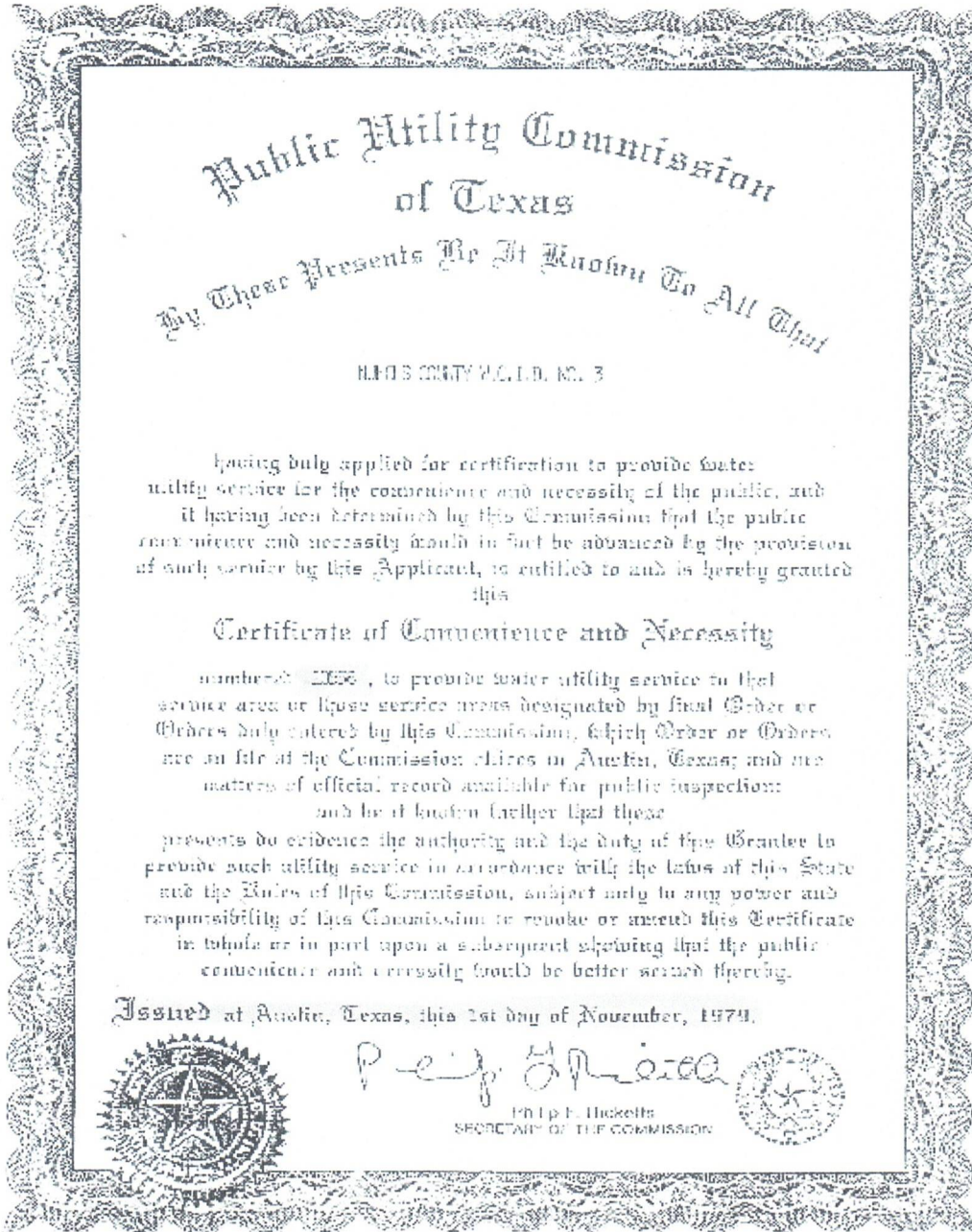
MONTHLY READINESS TO SERVE - PRIVATE FIRE LINE FEE	
< 6"	\$30.00
6"	\$45.00
8"	\$60.00
10"	\$75.00
12"	\$90.00

SERVICE FEES	
Delinquent Payment Fee	\$25.00
Wasting Water Fee	\$100.00
Tampering Fee	\$100.00
Returned Payment Fee	\$35.00
Service Trip Fee	\$25.00
Reconnection Fee	\$75.00
Obstruction of Meter Fee	\$25.00
Meter Testing Fee	\$50.00
Development Permit Application Fee	\$500.00
Illegal Hook Up Fee	\$500.00
Fire Hydrant Meter Installation Fee	\$50.00
Customer Service Inspection Fee	\$75.00

DEPOSITS	
Residential Service Meter	\$200.00



APPENDIX B



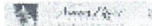


# APPENDIX D-1



Coastal Bend Regional Water Plan | December 2015  
 HDR-067003-173122-10, Population and Water Demand  
 Projections (31 TAC §357.31)

Coastal Bend Regional  
 Water Planning Council



2016  
 RISK 11  
 SPECIALS  
 UNEXPECTED  
 SUPPLY  
 2017  
 PAGE  
 520  
 2015

City/County	Historical		Projections <sup>1</sup>					
	2000	2010	2020	2030	2040	2050	2060	2070
Corpus Christi	55,829	67,323	64,018	60,931	71,270	72,800	74,064	75,056
Deliscol	97	105	105	110	113	114	115	118
Nueces WSC		143	333	355	308	376	383	386
Port Aransas	1,601	1,851	2,251	2,434	2,548	2,614	2,667	2,703
River Acres WSC <sup>2</sup>	311	357	426	450	463	470	479	486
Robstown <sup>3</sup>	2,153	2,919	2,857	2,897	2,148	2,043	2,036	2,036
County-Other	1,345	3,757	1,554	1,772	1,901	1,977	2,045	2,093
<b>Nueces County</b>	<b>61,725</b>	<b>77,024</b>	<b>73,171</b>	<b>77,719</b>	<b>80,363</b>	<b>81,562</b>	<b>83,417</b>	<b>84,520</b>
Aransas Pass (P)	1,210	949	1,131	1,148	1,149	1,155	1,167	1,176
Gregory	248	265	339	341	348	351	358	361
Ingliside	873	1,028	1,061	1,082	1,080	1,084	1,114	1,083
Ingliside On The Bay	74	69	77	78	78	78	79	79
Lake City	70	66	64	65	64	64	65	66
Mathis	871	968	870	878	872	879	885	891
Ocean	318	235	379	361	364	367	391	394
Portland	1,976	2,046	2,931	2,584	2,698	2,718	2,747	2,770
Rincon WSC		442	348	355	363	363	366	368
Sinton	1,336	1,416	1,409	1,448	1,463	1,473	1,495	1,507
Taft	536	434	464	472	463	473	480	484
County-Other	1,836	1,234	1,584	1,609	1,647	1,674	1,691	1,726
<b>San Patricio County</b>	<b>8,873</b>	<b>8,853</b>	<b>10,145</b>	<b>10,323</b>	<b>10,391</b>	<b>10,489</b>	<b>10,598</b>	<b>10,685</b>
<b>Total for Region</b>	<b>98,573</b>	<b>111,854</b>	<b>112,081</b>	<b>117,701</b>	<b>121,072</b>	<b>123,698</b>	<b>126,343</b>	<b>128,510</b>

APPENDIX D-2



Coastal Bend Regional Water Plan | December 2015  
 H-DR-007103-173-22-10 Potability and Water Demand  
 Requirement (S1 TAC 5367.31)

Coastal Bend Regional  
 Water Plan and Comp

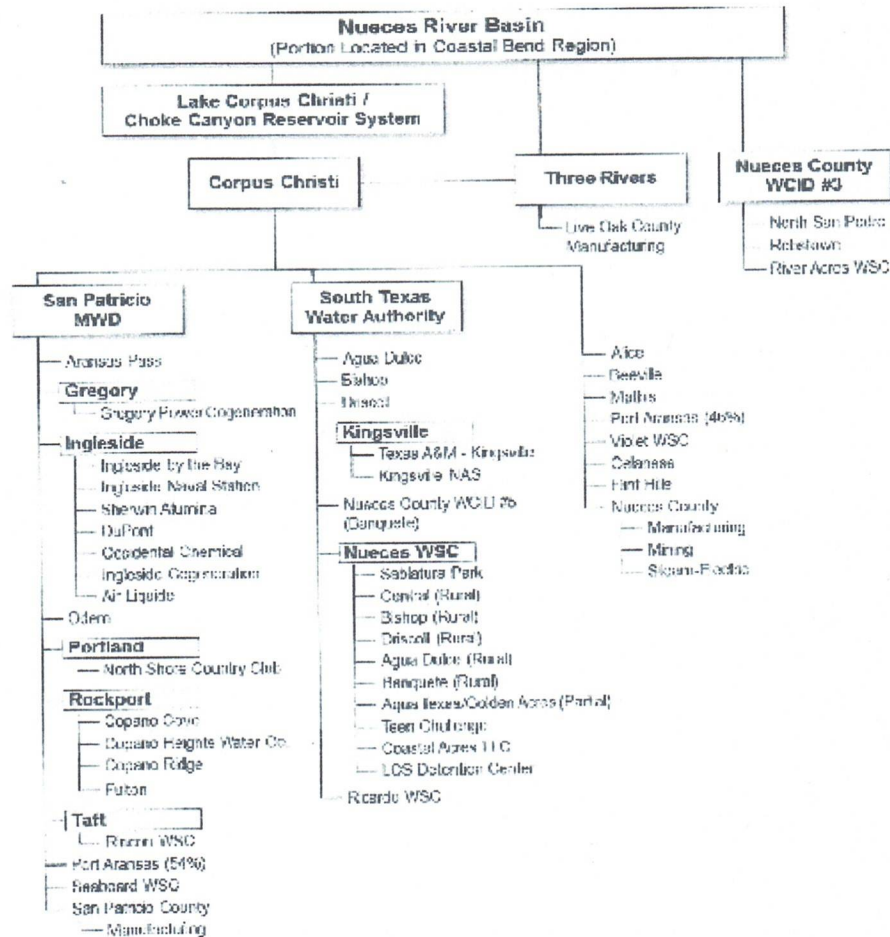


Table 2.2. (Continued)  
 Coastal Bend Region Population (by City/County)

City/County	Historical					Projections					Percent Growth 1980-17	Percent Growth 2010-17
	1990	2000	2010	2020	2030	2040	2050	2060	2070			
EL PASO (P)	877	1,030	552	681	681	681	681	681	681	681	0.02%	0.02%
GEORGE WEST	2,027	2,524	2,445	2,418	2,475	2,475	2,475	2,475	2,475	2,475	-0.28%	0.02%
MCCOY WSC (P)	102	443	187	172	172	172	172	172	172	172	-0.45%	0.03%
THREE RIVERS	1,824	1,875	1,873	1,873	1,874	1,874	1,874	1,874	1,874	1,874	-0.11%	0.02%
COUNTY-OTHER	4,084	6,464	8,417	6,490	6,504	6,504	6,504	6,504	6,504	6,504	2.25%	0.07%
<b>Live Oak County</b>	<b>9,356</b>	<b>12,369</b>	<b>13,533</b>	<b>11,683</b>	<b>11,680</b>	<b>11,680</b>	<b>11,680</b>	<b>11,680</b>	<b>11,680</b>	<b>11,680</b>	<b>0.94%</b>	<b>0.02%</b>
COUNTY-OTHER	817	801	707	734	734	734	734	734	734	734	0.07%	0.02%
<b>McMullen County</b>	<b>817</b>	<b>801</b>	<b>707</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>734</b>	<b>-0.72%</b>	<b>0.02%</b>
ACUA DULCE	794	737	812	892	972	1,002	1,052	1,073	1,088	1,088	0.11%	0.48%
ARKANSAS PASS (P)	22	70	14	15	16	17	18	18	18	18	-2.23%	0.42%
BISHOP	3,137	3,305	3,154	3,440	3,754	3,947	4,084	4,184	4,201	4,201	-0.31%	0.48%
CORPUS CHRISTI	257,453	277,456	305,211	335,657	365,590	384,420	395,440	403,035	409,129	409,129	0.65%	0.46%
DRESCOLL	458	935	735	617	585	530	527	527	527	527	0.39%	0.42%
MUEGES COUNTRY WSC	2,733	3,370	2,372	2,553	2,781	2,824	3,006	3,070	3,112	3,112	1.8%	0.45%
FORT ARKANSAS	2,130	2,750	2,471	2,552	2,898	3,049	3,136	3,201	3,245	3,245	3.24%	0.47%
MARSHALLS WSC	12,849	12,777	11,487	12,457	12,457	12,457	12,457	12,457	12,457	12,457	0.64%	0.46%
ROBSTOWN	11,655	12,411	10,896	11,295	13,920	15,754	16,161	16,745	17,142	17,142	-0.47%	0.07%
COUNTY-OTHER	297,345	313,646	310,220	317,157	327,573	340,757	349,595	358,635	368,635	368,635	0.79%	0.46%
<b>Wesaco County</b>	<b>6,246</b>	<b>7,281</b>	<b>7,466</b>	<b>7,922</b>	<b>8,206</b>	<b>8,571</b>	<b>8,693</b>	<b>8,933</b>	<b>9,171</b>	<b>9,171</b>	<b>0.90%</b>	<b>0.39%</b>
ARKANSAS PASS (P)	2,456	2,319	1,807	2,024	2,123	2,179	2,221	2,249	2,288	2,288	-1.29%	0.29%
GREYSBY	5,086	9,309	9,387	5,931	10,440	13,725	10,800	11,300	11,511	11,511	2.53%	3.29%
PAKESSEE	529	659	616	650	685	717	720	732	732	732	0.76%	0.29%
MOLESIDE ON THE BAY	465	526	509	541	587	587	630	601	606	606	0.45%	0.39%
LAKE CITY	5,023	5,034	4,942	5,254	5,902	6,647	6,750	6,827	6,868	6,868	-0.48%	0.29%
MATHIE	2,356	2,459	2,359	2,535	2,665	2,780	2,752	2,817	2,811	2,811	0.00%	0.39%
ODEM	12,224	14,027	15,059	16,027	16,803	17,252	17,569	17,822	17,953	17,953	1.00%	0.29%
PORTLAND	5,518	5,670	5,653	5,611	5,595	5,479	5,376	5,324	5,266	5,266	1.0%	0.28%
RETCOCH WSC	3,222	3,356	3,043	3,235	3,302	3,423	3,513	3,594	3,634	3,634	0.28%	0.45%
SHILOH	14,571	15,014	13,034	11,172	11,716	12,051	12,253	12,414	12,518	12,518	-1.61%	0.28%
COUNTY-OTHER	50,749	67,333	64,804	66,700	72,114	77,020	78,005	77,042	77,042	77,042	0.49%	0.22%
<b>Texas Pacific County</b>	<b>497,882</b>	<b>541,384</b>	<b>553,684</b>	<b>514,790</b>	<b>504,916</b>	<b>502,930</b>	<b>514,608</b>	<b>501,481</b>	<b>504,644</b>	<b>504,644</b>	<b>0.83%</b>	<b>0.46%</b>

Notes:  
 \* Projections from Texas Water Development Board  
 † Compound annual growth rate

# APPENDIX D-3



**Figure 3.3.**  
*Major Surface Water Supply Contract Relationships in the Coastal Bend Region*

# APPENDIX E

12/1/2019

Water Utility Detail

## Public Utility Commission of Texas

 Back  New Search (/WaterSearch/)

## Water Utility Details for NUECES COUNTY WCID 3

### Site Details

#### Properties

<b>Name</b>	NUECES COUNTY WCID 3
<b>CCN/Regnum</b>	10556
<b>Utility Type</b>	WATER UTILITY
<b>Ownership Type</b>	DISTRICT / AUTHORITY
<b>Primary County</b>	NUECES
<b>AIS Number</b>	

#### Official Address

PO BOX 1147  
ROBSTOWN TX 78380

#### Responsible Party

Organization Name  
NUECES COUNTY WCID 3  
Address  
PO BOX 1147  
ROBSTOWN TX 78380

[www.puc.texas.gov/WaterSearch/UtilityDetails.aspx?id=14491](http://www.puc.texas.gov/WaterSearch/UtilityDetails.aspx?id=14491)

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## **APPENDIX F**

## **APPENDIX G**



NUECES COUNTY WATER CONTROL  
& IMPROVEMENT DISTRICT #3

RESOLUTION 166

**A RESOLUTION AMENDING THE DISTRICT'S WATER CONSERVATION PLAN.**

WHEREAS, the general welfare of the DISTRICT depends on good stewardship of the water resources available to the DISTRICT; and

WHEREAS, it is the policy of the DISTRICT'S Board of Directors to promote conservation of such water resources.

NOW, THEREFORE, BE IT RESOLVED that the DISTRICT hereby amends its Water Conservation Plan in order to fully comply with the requirements of TAC30, Part 1, Chapter 288, Subchapter A, Rule 288.2.

Duly adopted this 8<sup>th</sup> day of October 2019.



\_\_\_\_\_  
Marcos Alaniz, President

ATTEST:



\_\_\_\_\_  
Rene Vela, Secretary