

# Water Supply Projects Update

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Chief Operating Officer – Corpus Christi Water

April 28, 2026



# Discussion Topics

## Surface Water

- Western Reservoirs, Lake Texana

## Ground Water

- Evangeline Groundwater Program
- Nueces River Groundwater Project
  - Western Well Field
  - Eastern Well Field
- Brackish Groundwater Reverse Osmosis

## Wastewater Reuse

- Oso WWTP
- Greenwood WWTP
- Allison WWTP
- Broadway WWTP

## Seawater

- Inner Harbor Project
- Harbor Island Project
- Barney Davis Project
- CC Polymers/Aquatech Project



# Surface Water

# Western Surface Water Supply Lake Corpus Christi & Choke Canyon Reservoir

## Wesley Seal Dam



**Texas Water Development Board  
(Water Data for Texas) April 28, 2026**

- Lake Corpus Christi capacity is 8.7%
- Choke Canyon Reservoir capacity is 7.4%
- Combined Capacity is 7.7%

# Eastern Surface Water Supply

## Lake Texana



**April 28 Reservoir Capacity**

**66%**

# Groundwater

# Evangeline Groundwater Project Permit & Contractual Update

- Preliminary hearing date is on April 28
- Pape Dawson has completed the 60% design deliverables
- Approval of Amendment 2 for Garney allows Pape Dawson and Garney to transition the implementation plan to focus on pipe installation, MRP connection, ground storage tank, and pumphouse construction the start of the construction cycle
- A total of 35,406 linear feet of pipe has been delivered to the site
- Garney Construction has mobilized construction trailers to the site, with crews arriving on-site to begin pipeline installation beginning the first week of May
- Garney Construction Amendment 3 projected for Council consideration on May 19



## Design Effort

January 2026 through March 2026

- 6 Offices
- 61 Employees
- Over 15,000 project hours

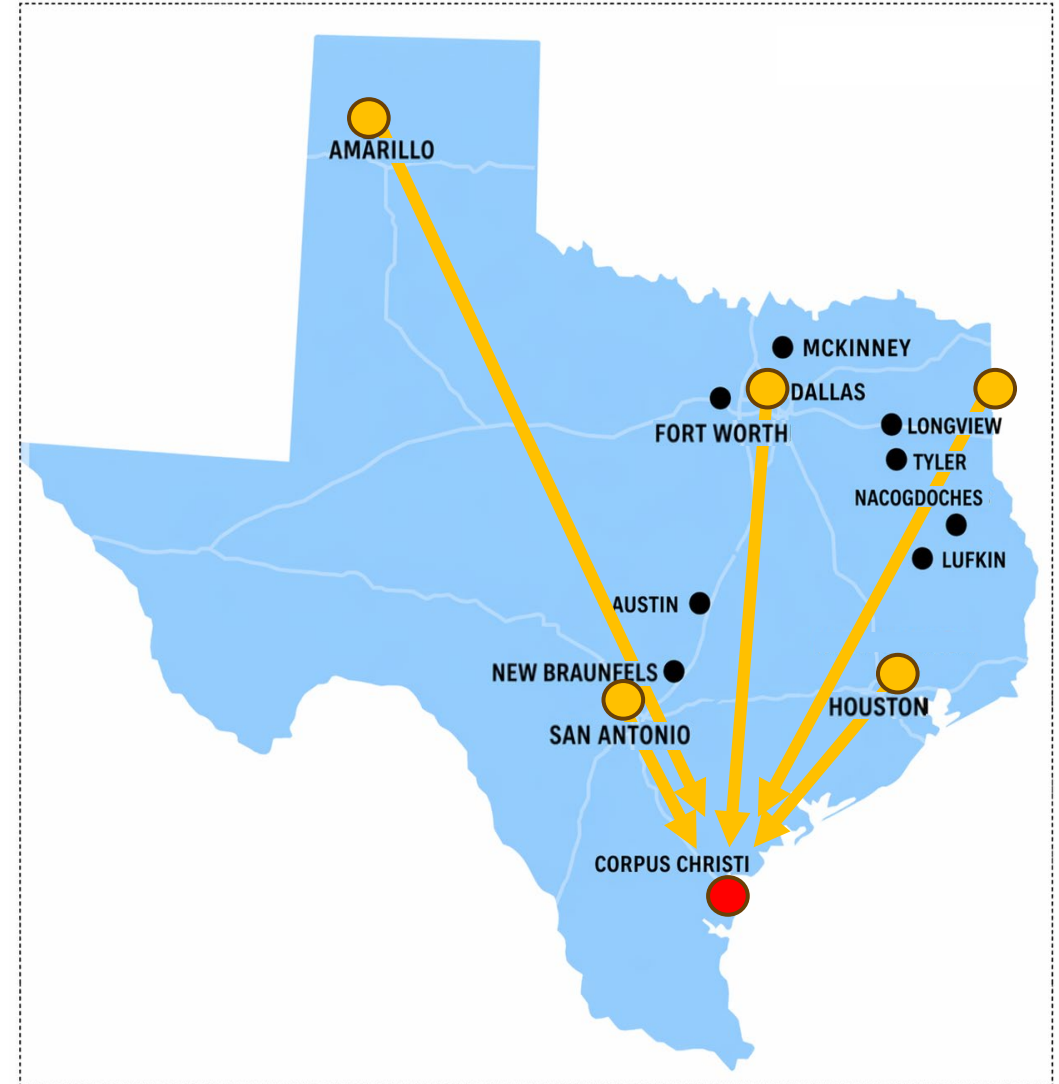
## Design Milestones

60% Plans & Specs

- Delivered on Schedule (March 27)

## TCEQ Well Permitting

- 22 of 24 wells have received approval ahead of schedule (April 24)





# Nueces Groundwater Program

## Eastern Well Field

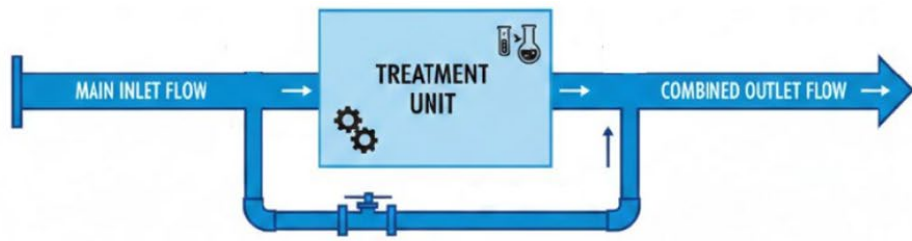
- Well field is substantially complete and operating per the conditions of the Bed and Banks Permit
- Last Seven Days Average is approximately 4.5 MGD

## Western Well Field

- Bed and Banks Permit – Temporary Issued March 18, 2026
- Seven wells online, with an additional well online within a week
- There are five wells powered by permanent electric sources and two wells powered by temporary generators.
- Average depth of cemented casing is 515'



# Brackish Ground Water Treatment Project Overview



Conceptual image

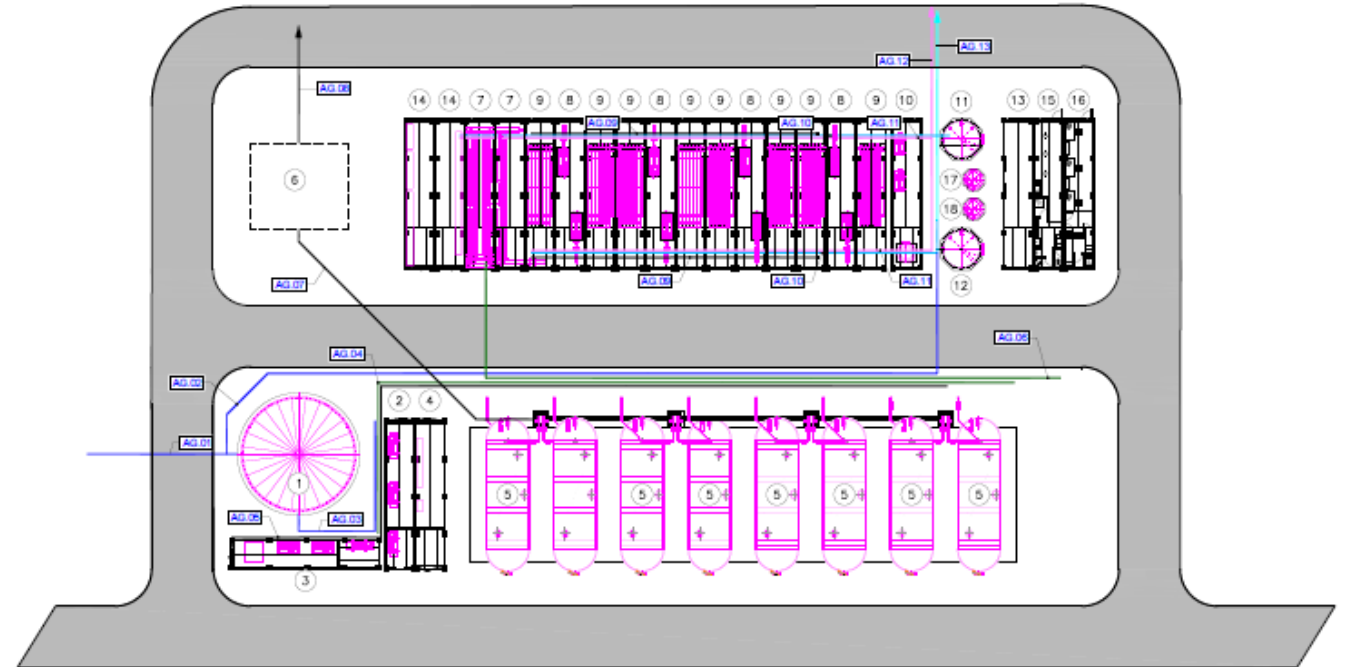
- Aquila was issued a notice to proceed on April 13
- Permitting Meetings with TCEQ
  - Reverse Osmosis Treatment
  - Discharge including evaporative ponds, injection well, and surface discharge
- Conveyance Line Design at 50%
- Ground Storage Tanks
  - Contracted
- Pump Station at Western Well Field
- ONS Civil, Piping, and Foundational
- Electrical

# Brackish Water Treatment Plant

## Project Scope - Groundwater Reverse Osmosis

### Treated Water Delivery Schedule

- 3.91 MGD in 11 Months
- 9.24 MGD in 14 Months
- 14.56 MGD in 18 Months
- 21.3 MGD in 24 Months



# Wastewater Reuse

# Wastewater Reuse Project Overview

- CCW continues to coordinate and work with Valero and FHR on the effluent project
- CCW continues to negotiate with additional entities to ensure project alignment, alongside ongoing work with Valero and FHR
- FHR expects Phase One at 1 MGD & Phase Two at 2-3 MGD
- Valero expects Phase One at 3 MGD and Phase Two at 8 MGD
- Ardurra has completed 60% design of Oso upgrades and 15 miles of 36" conveyance line, with full design expected to be complete in July
- The RFQ for CMAR was issued on April 6, and the Construction Contract expected to come to Council for consideration on May 12
- Potential for 16 MGD of Effluent Reuse



# Seawater Desalination

# Inner Harbor Seawater Desalination Project Overview



- **Path forward was reviewed at the February 24 Council meeting**
  - Staff is working to prepare a contract with CCDP for consideration during a June Council meeting
- **Farfield Modeling**
  - Committee meetings scheduled for May 7, 21, and 28
  - Data available from the modeler is available May 28 for review, with a report to follow
- **Owners Representative**
  - Qualifications received and under selection panel review
  - Owner's representative Contract would be presented for council consideration in June 2026
- **Operations and Maintenance Agreement**
  - Request for proposal to be developed
  - Request for proposals to be issued after June 2026

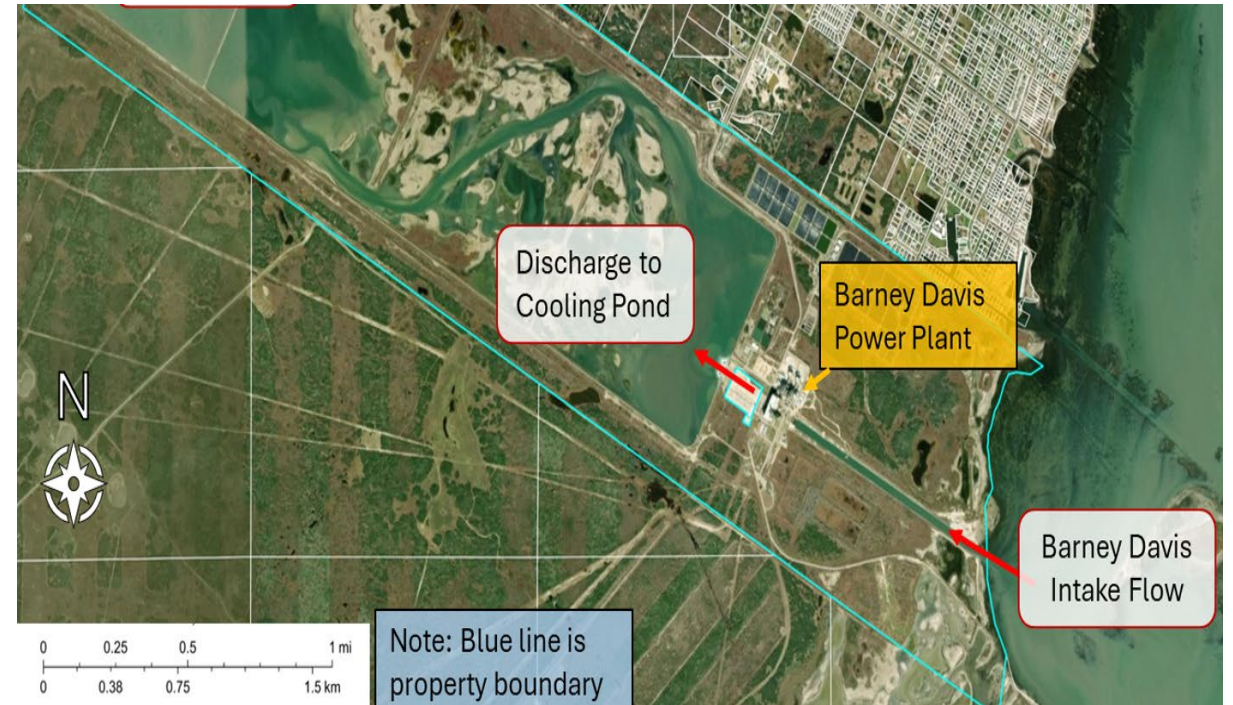
# Harbor Island Seawater Desalination Project Overview

- The Nueces River Authority (NRA) has issued a formal RFQ for the development partner and received four responses
  - NRA anticipates selecting this development partner by mid-June
- NRA approved a Master Service Agreement with Lockwood Andrews and Newman for services associated with the Harbor Island Conveyance System
- TCEQ Draft Intake Permit has been issued
- TCEQ Discharge Permit has been issued with a public meeting scheduled for May 27

# Barney Davis Seawater Desalination Project Overview

Motion to Authorize Staff to Collaborate with CPS Energy to Develop Option for Seawater Desalination at the Barney Davis Location was approved on March 17

- CPS Energy is willing to collaborate with the City on a potential project at the site
- CPS Energy to discuss with its board of directors and issue a reciprocal motion
- CPS has stated the preference would be for P3 to operate
- Power agreement would be with an electrical provider
- Long-term supply Agreement with a P3
- Possibility of creating a Public Utility Agency to develop the project
- New TCEQ Discharge Permit would be required




# CC Polymers/Aquatech Seawater Desalination Project Overview

- Existing Facility located on the Ship Channel
- Texas Commission for Environmental Quality (TCEQ) Permits:
  - Water Use Permit No. 12986 - 2014
  - Discharge No. 0005019000 – 2014 and renewed 2024
- Aquatech International, a US-based desalination company, has come to an agreement with CCP to sell potable water to the City.
- Aquatech will complete the existing facility, add a potable water system, and connect to the City's distribution system
- Previous discussion and investigation have been conducted by staff and its consultants



# Utility Water Bill

# Where can I find the water charges on my utility bill?



**CITY OF CORPUS CHRISTI**  
 Monthly Statement of Utility Services  
 City of Corpus Christi  
 P.O. Box 9257 • Corpus Christi, TX 78469-9257  
 Please dial 311 for questions • www.corpuschristitx.gov

Account Name: STAR CUSTOMER  
 Account Number: 20000000  
 Statement Date: 4/20/2026  
 Due Date: 5/11/2026  
 Page: Page 1 of 2

SERVICE INFORMATION	ACCOUNT SUMMARY
Account Name: STAR CUSTOMER	PREVIOUS BALANCE \$0.00
Account Number: 20000000	TOTAL PAID SINCE LAST BILL \$0.00
Service Address: 1234 OCEAN DR	NEW CHARGES
Account Type: SINGLE	WATER \$42.10
Invoice Number: 12345678	RWCA \$1.18/TGAL \$8.26
Cycle: 20	TOTAL WATER \$50.36
	WASTE WATER \$77.54
	TOTAL WASTEWATER \$77.54
	STORM WATER FEE \$10.32
	TOTAL STORMWATER FEES \$10.32
	GAS \$20.85
	PGA \$7.43/MCF \$22.29
	TAX \$0.65
	TOTAL GAS \$44.79
	SOLID WASTE (GARBAGE) \$25.73
	TAX \$2.12
	TOTAL SOLID WASTE \$27.85
	NEW CHARGES DUE BY 5/6/2026: \$210.86
	AMOUNT DUE \$210.86
	PLEASE ALLOW 5 BUSINESS DAYS BEFORE DUE DATE TO ENSURE PROPER CREDIT.


**QUESTIONS ABOUT YOUR BILL?**  
 Utility Billing Office Call Center  
 Monday - Friday:  
 8:00am - 5:00pm  
 (361)826-CITY(2489)  
 www.corpuschristitx.gov

**IMPORTANT MESSAGES**

- The City of Corpus Christi is under Stage 3 water restrictions
- For helpful resources about Drought Status: Stage 3, including reservoir levels, FAQs, and water-saving tips, visit [www.stage3.cctexas.com](http://www.stage3.cctexas.com)

Ensuring a safe and reliable water supply for the City of Corpus Christi builds a foundation for the community's growth and prosperity. The City is actively advancing multiple water supply projects that address both the community's immediate needs and long-term security. For information on water supply projects, visit [www.SecuringWater.CorpusChristiTx.gov](http://www.SecuringWater.CorpusChristiTx.gov)

KEEP TOP PORTION FOR YOUR RECORDS AND RETURN BOTTOM STUB WITH YOUR PAYMENT.

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Account Address: 1234 OCEAN DR  
 Cycle-Route #: 20-XX

Account Number	Due Date	Amount Due
20000000	5/13/2026	\$210.86


AMOUNT ENCLOSED \$

MAKE CHECKS PAYABLE TO: CITY OF CORPUS CHRISTI

STAR CUSTOMER  
 1234 OCEAN DR  
 CORPUS CHRISTI TX 78404-12345

CITY OF CORPUS CHRISTI  
 PO BOX 659880  
 SAN ANTONIO TX 78265-9143

20000000000000000000



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Ensuring a safe and reliable water supply for

# Current and Past Water Use Overview

- E-bill online and paper bill
  - Look for the Meter ID that starts with a **letter W**
- The number under the word **Consumption** represents the number of gallons consumed in the service period multiplied by 1,000
- In this example, the number 7 is multiplied by 1,000 gallons for a consumption of 7,000 gallons
- Bar graph on the right shows past water use for the last 6 months



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**METER INFORMATION**

SERVICE PERIOD: 3/15/2026 - 4/13/2026 30 days

Meter ID	Service Type	Current Read	Previous Read	Consumption 4/13/2026
GXXXXX1	GA	86	83	3

**CONSUMPTION HISTORY**

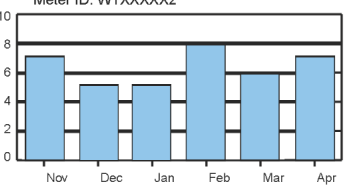
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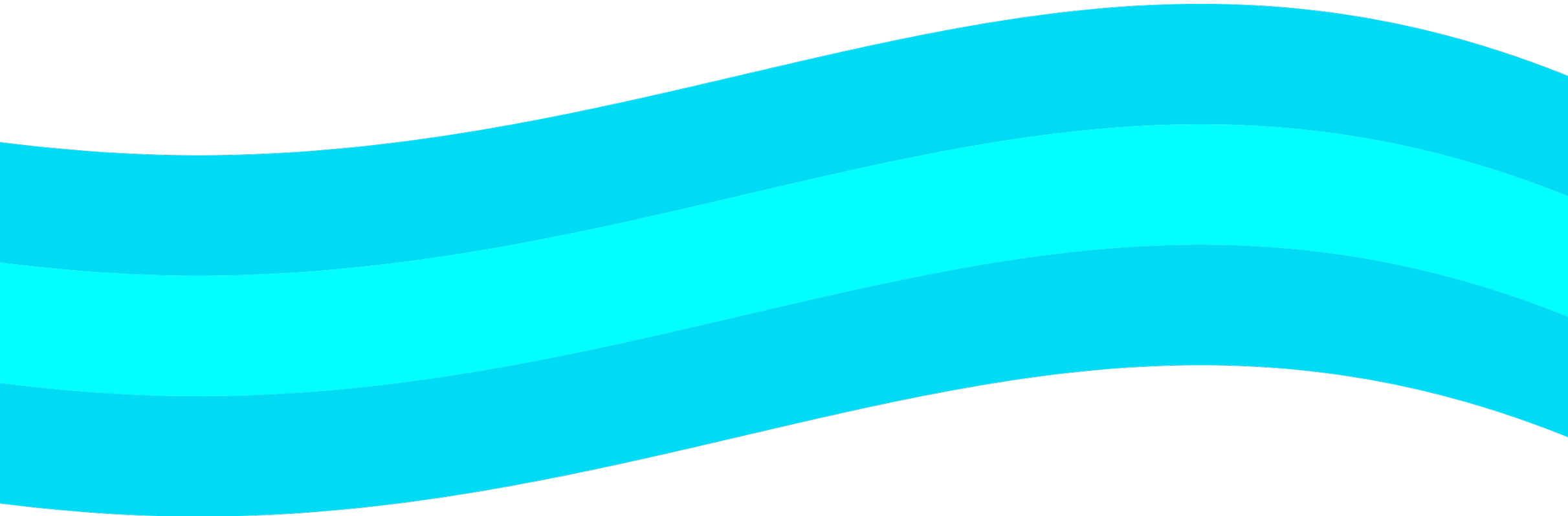


SERVICE PERIOD: 3/15/2026 - 4/13/2026 30 days

Meter ID	Service Type	Current Read	Previous Read	Consumption 4/13/2026
WTXXXXX2	WA	438	431	7

Meter ID: WTXXXXX2





CITY OF CORPUS CHRISTI  
**CORPUS CHRISTI  
WATER**