

**CITY OF CORPUS CHRISTI
CORPUS CHRISTI WATER**

TO: Peter Zaroni, City Manager
FROM: Nicholas Winkelmann, P.E., Interim Chief Operating Officer
COPY: Mayor & City Council
DATE: November 21, 2025
SUBJECT: Water Supply Update



Corpus Christi Water (CCW) continues to progress forward on multiple water projects to add new sources and diversify the water supply portfolio.

To provide increased communication and share of information, community outreach and engagement this past week included attending the following events:

- City of Aransas Pass Council Meeting on November 17, 2025
- Lavaca Navidad River Authority (LNRA) Board Meeting on November 19, 2025

Today, CCW launched Securing Water, Together webpages on the City's website, providing detailed information about the City's Water Supply Projects. These pages are available at securingwater.corpuschristitx.gov.

Nueces River Groundwater Wells Project

As of today, the current expenditure for the Eastern Well Field Project is \$16,240,873, and for the Western Well Field Project, \$9,458,041. The State has committed to providing a \$30,000,000 grant for this project. City staff have been working with the Texas Water Development Board (TWDB) on the appropriation of funds. Council approved the resolution to request the grant at the Council Meeting on November 18, 2025.

In the Eastern Well Field, Well Nos. 1 to 8 are complete. The City is currently discharging into the Nueces River in accordance with the approved monitoring plan and in compliance with all State laws. There is a warranty issue with well pump No. 8, which our contractor is addressing.

Water Supply Update

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In the Western Well Field, the status is as follows:

- Well No. 9 – Drilling is complete, and the permanent pumping assembly was installed this past week. The next steps will be installing the transformer, installing the electrical controls, and connecting to permanent power.
- Well No. 10 – Drilling complete, test pumping, and water quality sampling are complete. The permanent pumping assembly has been designed, and we are awaiting equipment delivery
- Well No. 11 – Drilling complete, test pumping, and water quality sampling are complete. The permanent pumping assembly has been designed, and we are awaiting equipment delivery
- Well No. 12 – Drilling complete, well development is ongoing with test pumping and water quality scheduled for early December
- Well No. 13 – Production well screen and casing have been installed, with development to follow
- The water line and river outfall have been designed alongside the ongoing construction of 2,728 linear feet (LF) of 24" diameter PVC water line, 1,640 LF of 16" diameter PVC water line, and 1,360 LF of 12" diameter PVC water line installed by CCW crews
- CCW crews are working to prepare the alignment for the water line leading to the river. Construction on this portion of the infrastructure will begin next week.

Evangeline Groundwater Project

The design team, consisting of Pape Dawson, Hanson, Interra, and HDR, is moving forward on due diligence and pre-design efforts. Following is a status of some of the primary efforts:

- Well field preliminary design is complete
- Hydraulic modeling for the site is complete
- Permanent power preliminary layout is complete, and full design is 20% complete
- Completion of an independent hydrogeologic review of groundwater availability, which concurs with the previous investigative work and has provided some design considerations for the well field
- The preliminary boundary survey has been received and provided to Evangeline Laguna LP for review. Additional information was provided to Evangeline Laguna this week, and the survey contractor is working toward a final, signed, and sealed boundary survey
- The Mary Rhodes Pipeline (MRP) connection point has been identified, with coordination and modeling work continuing to support design operating scenarios
- The detailed opinion of probable construction cost (OPCC) is anticipated to be available for review by December 3
- The detailed delivery schedule is anticipated to be available for review by December 16

The City has engaged Garney Construction to provide pre-construction services and assistance. Progress has been made toward contract negotiations to finalize an emergency contract by the end of November.

Reclaimed Water Infrastructure Project

City Council approved a Master Services Agreement (MSA) on November 18, 2025, with Ardurra Group Inc., to provide professional services for the design of an effluent conveyance line from the Oso Wastewater Treatment Plant to the Greenwood Wastewater Treatment Plant. The project will be designed for expediency and would involve bringing on a contractor early in the process to expedite delivery.

CCW continues discussions with multiple entities regarding the use of effluent water from our Wastewater Treatment Plants. Discussions and negotiations continue, with multiple meetings scheduled for next week. City staff are working diligently to bring two of the contracts to Council for consideration in December.

NRA - Harbor Island Seawater Desalination Project

The Nueces River Authority (NRA) held its Board Meeting on Friday, November 14, 2025. The following action items regarding the Harbor Island project were approved:

- Professional services agreement with CleanEnergy Capital for assistance in selecting and engaging a private partner for the Harbor Island Seawater Desalination project
- Professional services agreement with Civitas Engineering Group, Inc. to include permitting support, pilot test plan development, and P3 RFQ development
- Authorization to negotiate engineering design services with Lockwood, Andrews & Newman, Inc., Ardurra Group, Inc., HDR Engineering, Inc., Black & Veatch, Inc., and Aurora Technical Services, LLC for program management and design services related to the conveyance system for the Harbor Island Seawater Desalination Project

The City has not received any further updates regarding the project's permit status.

NRA plans to advertise its Request for Qualifications (RFQ) by mid-December.

South Texas Water Authority

Updates regarding the Seven Seas Water Supply Project will be provided at the next South Texas Water Authority Board Meeting on December 9. STWA representatives may provide an update on this project at the Council Meeting on December 16. City staff will continue to coordinate with representees from STWA regarding this project and continue working per the conditions outlined in the Memorandum of Understanding (MOU).

Inner Harbor Water Treatment Campus

At the Council Meeting on November 18, 2025, Council approved an MOU with Corpus Christi Desal Partners (CCDP), a joint venture of Acciona Agua Corporation and MasTec Industrial Corporation, to outline the steps for the Inner Harbor Seawater Desalination Project. The motion authorized an MOU directing City staff to provide CCDP with all existing design documents developed to date, and for CCDP to prepare a proposal with price certainty for design and construction options for this project.

The MOU is currently being routed for signature and is expected to be fully executed by next week.

The timeline for these next steps would be as follows:

- November 2025: City to provide CCDP existing design documents
- December 2025 to February 2026: CCDP works to prepare a proposal with price certainty for design and construction options to be reviewed by Council
- January to February 2026: Council considers approval of the CCDP proposal and directs City staff to develop a design-build contract
- March to April 2026: Council considers for approval the design-build contract with CCDP

Lake Texana Reservoir Status

Lake Texana is currently 70.1% full. LNRA is committed to holding regular meetings with key stakeholders to discuss the declining lake levels and potential actions. LNRA's current drought contingency plan mandates reductions in pumping when the lake level drops to 50% capacity.

Upcoming Community Engagement and Outreach

Event	Date	Time	Location
San Patricio County Information Session for the Evangeline Project	November 24	6:30 PM	San Patricio County Fairgrounds Civic Center
City of Sinton Council Meeting	December 16	6:00 PM	City of Sinton City Hall