


CITY OF CORPUS CHRISTI CORPUS CHRISTI WATER

TO: Peter Zandoni, City Manager
FROM: Nicholas Winkelmann, P.E., Interim Chief Operating Officer 
COPY: Mayor & City Council
DATE: November 14, 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 consisted of:

- Presentation at the Flour Bluff Business Association Meeting on November 12
- Rockport City Council Meeting on November 12

City staff is also developing website project pages for our water supply projects that will include reports, data, information, and schedules. It is expected that this webpage will go live next week.

Nueces River Groundwater Wells Project

As of today, the current expenditure for the Eastern Well Field Project is \$16,229,276, and \$9,458,041 for the Western Well Field Project. 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. The resolution to request the grant money will be presented to Council 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 and one generator, which our suppliers are addressing. A temporary diesel generator is being utilized in place of the natural gas generators until they can be brought back online.

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

- Well No. 9 – Drilling complete, installation of the permanent pumping equipment and the electrical transformer is scheduled for next week.

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- Well No. 10 – Drilling complete, test pumping and water quality sampling complete. The design of the permanent pumping equipment was approved today.
- Well No. 11 – Drilling complete, test pumping and water quality sampling complete. The permanent pumping equipment is currently being designed
- Well No. 12 – Drilling complete, further development will take place next week.
- Well No. 13 – The 20" casing has been installed and cemented. The production well screen is scheduled to be delivered next week, enabling well completion.
- Water line and river outfall have been designed with construction ongoing with 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

Staff and our consultants are working towards completion of the TCEQ Bed and Banks permit application for the Western Well Field. When the application is prepared it will be submitted to TCEQ for review.

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:

- The initial layout of the well field is 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. The survey contractor is working toward a final, signed, and sealed boundary survey
- Coordination with AEP continues, and 20% of the electrical demand design has been completed
- 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, 2025
- The detailed delivery schedule is anticipated to be available for review by December 16, 2025

A workshop took place today with City staff and consultants to further review the distribution of Evangeline water, its integration into the MRP, and the coordinated operation of the Evangeline Well Field and the MRP.

The City has also 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

CCW has worked with Ardurra to finalize a proposal for effluent conveyance from the Oso Wastewater Treatment Plant to the Greenwood Wastewater Treatment Plant. A Master Services Agreement (MSA) will be presented to Council on November 18 for consideration, advancing this phase of the reclaimed water plan. The MSA would specifically cover design and associated professional services for this project. The project will be designed for expediency and would involve bringing on a contractor early in the process to expedite delivery.

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

NRA - Harbor Island Seawater Desalination Project

The Nueces River Authority (NRA) held its Board Meeting on Friday, November 14. 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

We have not received any further updates regarding the project's permit status.

South Texas Water Authority

On September 23, South Texas Water Authority (STWA) Executive Director John Marez provided an update to Council and provided the following information:

- The STWA Board of Directors approved the offering of water to the City on September 9, 2025
- Raw water quality results from their test well were provided to the City as requested
- The water purchased by the City will be treated/finished water and meet or exceed all TCEQ primary and secondary drinking water standards
- The final target of Phase 1 of the project is 13 MGD, with 3 MGD for STWA and 10 MGD available for sale to the City
- There could be an option to add additional water in 10 MGD increments
- STWA has drafted a potential contract to prepare for potential future negotiations

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STWA has requested that current discussions initially focus on extending its existing water purchase contract with the City, which expires on December 31, 2025. The STWA contract extension agreement will be presented for consideration at the November 18 Council Meeting.

CC Polymers Seawater Desalination Treatment Plant

CC Polymers has stated that it would be open to continuing discussions regarding alternative forms of collaboration.

Inner Harbor Water Treatment Campus

The City Manager is recommending a path forward regarding the Inner Harbor Seawater Desalination Project. At the November 18 Council Meeting, a motion authorizing a Memorandum of Understanding (MOU) with Corpus Christi Desal Partners (CCDP), a joint venture of Acciona Agua Corporation and MasTec Industrial Corporation, will be presented for consideration. If approved, the City will provide CCDP with all existing design documents developed so far, and CCDP will prepare a proposal with price certainty for design and construction options for this project.

The timeline for these next steps would be as follows:

- November 18: Council to consider approval of MOU with CCDP
- 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

Next Week's Community Engagement and Outreach

| Event | Date | Time | Location |
|--|-------------|-------------|---|
| City of Aransas Pass Council Meeting | November 17 | 6:00 PM | 2751 S.H. 35 Bypass Rockport, TX 78382 |
| Lavaca Navidad River Authority Board Meeting | November 19 | 7:30 AM | 4631 FM 3131 Edna, TX 77957 |
| San Patricio County Information Session for the Evangeline Project | November 24 | 630 PM | San Patricio County Fairgrounds Civic Center |