

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: December 5, 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 improve outward communication, CCW launched Securing Water webpages on the City's website, providing detailed information about the City's Water Supply Projects. These pages are available at securingwater.corpuschristitx.gov.

This week, the City Manager and City staff met with representatives from HEB and the United States Navy to provide updates and clarify the status of the new water supply projects.

Nueces River Groundwater Wells Project

As of today, the current expenditure for the Eastern Well Field Project is \$16,622,579, and for the Western Well Field Project, \$13,298,994. 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 second approval of the resolution formally requesting the grant will be at the Council Meeting on December 9, 2025.

The Eastern Well Field continues to operate in accordance with the approved monitoring plan and in compliance with all State laws.

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

- Well No. 9 – Drilling is complete, and the permanent pumping assembly is installed. The power transformer was also set this week. The next step will be to install the electrical controls and connect them 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

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- 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 complete, test pumping and water quality sampling scheduled to be complete this week.
- Well No. 13 – Drilling complete, well development ongoing
- Conductor casings have been installed, and drilling pads are complete for Well Nos. 14, 15, 16, and 17
- Well No. 14 – Drilling set to begin next week.
- 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 was delayed this week due to the wet conditions resulting from localized rainfall

City staff is working with our consultants to complete the Bed and Banks Permit and submit it to the Texas Commission on Environmental Quality (TCEQ) by January 2026.

Evangeline Groundwater Project

Evangeline Laguna LP and CCW continue to prepare permit applications for the San Patricio County Groundwater Control District. The design team, consisting of Pape Dawson, Hanson, Intera, and HDR, is progressing with due diligence and pre-design efforts. The progress to date includes the following:

- Well Field Modeling – Expected to be complete by December 11
- Well piping hydraulic modeling – Complete
- Electrical load modeling – Complete
- Electrical line sizing and routing – In progress with AEP
- Connection point location to the Mary Rhodes Pipeline – Confirmed
- Pump Station pre-design – Ongoing
- Opinion of Probable Construction Cost – Expected to be complete by December 11
- High-Level Construction Schedule – Expected to be complete by December 17

The City has engaged Garney Construction to provide pre-construction services and support. Progress has been made toward contract negotiations to finalize an agreement for Council consideration. Additionally, a professional services contract for Pape Dawson to continue its engineering work is expected to be presented to Council for approval on December 16.

Reclaimed Water Infrastructure Project

Ardurra Group Inc. has begun designing an effluent conveyance line to connect the Oso Wastewater Treatment Plant to the Greenwood Wastewater Treatment Plant. This week's meetings focused on determining the alignment for the conveyance line, taking into account time and cost factors. The project will be designed for expedited delivery, and a contractor will be brought on early to accelerate the process.

CCW continues discussions with multiple entities regarding the use of effluent water from the Allison, Greenwood, and Oso Wastewater Treatment Plants. This week, discussions and negotiations have been productive, and follow-up meetings are scheduled for next week.

NRA - Harbor Island Seawater Desalination Project

The Nueces River Authority (NRA) continues to negotiate with its five selected design firms to assist with water pumping and conveyance. NRA has received preliminary scoping documents from two firms and will continue to negotiate toward an agreement.

The formal Request for Qualifications (RFQ) for the public-private partnership is scheduled to be released on December 17, with a response due date of January 30, 2026.

Inner Harbor Seawater Desalination

The Memorandum of Understanding, approved by Council, was signed by Corpus Christi Desal Partners (Acciona and Mastec) and City Manager on December 4, 2025.

On December 8, the City Manager and City staff are scheduled to meet with the Executive Administrator of the Texas Water Development Board (TWDB) to discuss the City's request to defer the next tranche of SWIFT funding. TWDB will consider the funding deferment request at its December 16 meeting. CCW will provide updates on the project's next steps and the timing of deliverables for Council's consideration as the project progresses.

City staff is working to establish the organization and operating format of the Far Field Modeling Advisory Committee.

Corpus Christi Desal Partners continues their review of the work already completed. City staff attended several meetings this week to review existing data and provide additional design details and considerations. The technical review this week covered pre-treatment options, process improvements, and potential opportunities for value engineering. CCW expects Corpus Christi Desal Partners to present options for Council consideration in February 2026.

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South Texas Water Authority

An update about the Seven Seas Water Supply Project will be given on December 9 at the next South Texas Water Authority (STWA) Board Meeting. STWA representatives might also share an update on this project at the Council Meeting on December 16.

STWA and its engineering firm have requested a meeting with CCW staff next week to discuss potential engineering considerations for both water systems related to this project.

Lake Texana Reservoir Status

Lake Texana is currently 71.4% full. The Lavaca Navidad River Authority (LNRA) is committed to holding regular meetings with key stakeholders to discuss the declining lake levels and possible 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
STWA Board Meeting	December 9	5:30 PM	Courthouse Annex 1500 E. King Street Kingsville, TX