

CITY OF CORPUS CHRISTI

CORPUS CHRISTI WATER

TO: Peter Zanoni, City Manager

FROM: Nicholas Winkelmann, P.E., Interim Chief Operating Officer

COPY: Mayor & City Council

DATE: January 2, 2026

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.

Nueces River Groundwater Wells Project

As of today, the current expenditure for the Eastern Well Field Project is \$16,626,426, and for the Western Well Field Project, \$15,172,566. Staff have submitted all required documentation to the Texas Water Development Board (TWDB) for reimbursement of the \$30,000,000 grant funding from the State of Texas for this project.

The Eastern Well Field continues to operate in accordance with the approved monitoring plan and in compliance with all State laws. The warranty issue for the Well No. 8 motor has been resolved, and reinstallation will be coordinated once the manufacturer repairs the motor. A control issue for Well Pump No. 3 is also being addressed under warranty. It is expected that this will be replaced next week when the replacement arrives.

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

- Well No. 9 – Drilling is complete, and the permanent pumping assembly is installed.
- Well No. 10 – Drilling is complete, test pumping, and water quality sampling are complete. The expected installation of the permanent pumping assembly is to take place next week.
- Well No. 11 – Drilling is complete, test pumping, and water quality sampling are complete. The expected installation of the permanent pumping assembly is to take place next week.
- Well No. 12 – Drilling is complete, well development is complete, test pumping and water quality were completed this week. The permanent pumping assembly has been designed, and we are awaiting the delivery of materials.
- Well No. 13 – Drilling, well development, performance testing, and water quality sampling have been completed. The permanent pumping assembly is being designed.

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- Well No. 14 – The 20” casing has been installed and cemented. The pilot hole has been completed to depth, and geophysical logging has been conducted. The well screens have been ordered with delivery expected in the first week of January.
- Well No. 15 – The pilot hole has been completed, and geophysical logging was conducted today. The well screens have been ordered.
- Well No. 16 – Crews are rigging up the drilling rig and support equipment.
- CCW crews have to date installed the 10,215 linear feet of 24”, 16”, and 12” diameter PVC water line required for the operation of this well field.

Evangeline Groundwater Project

Evangeline Laguna LP and City staff met with the San Patricio County Groundwater Conservation District (SPGCD) on Monday, December 29, 2025, to discuss the status of the submitted drilling and transport permits. The submitted applications include twenty-two drilling permits and one transport permit. SPGCD stated that it could still be multiple weeks before we are notified if the permit applications are determined to be administratively complete.

SPGCD has already approved the production permit for the Evangeline project. This 24 MGD production permit was first approved in 2019 and was renewed in 2025.

The SPGCD will hold a public hearing on January 16 regarding its proposed draft rules.

The contract agreement between Evangeline Laguna LP and the City has not yet been executed. Evangeline Laguna is working to finalize the surface use agreements and has scheduled mediation with landowners for January 8.

Reclaimed Water Infrastructure Project

The location of the storage tank at the Oso Plant has been identified and confirmed by CCW staff and Ardurra. Ardurra has started surveying work for design purposes. It is possible that the plant site may need to be expanded to accommodate the additional infrastructure at the Oso WWTP. Pipeline alignment and routing continue to be developed and evaluated by Ardurra and CCW.

CCW has continued discussions with multiple entities regarding the use of effluent water from the Allison, Greenwood, and Oso Wastewater Treatment Plants. CCW plans to bring one contract to Council for consideration on January 13.

NRA - Harbor Island Seawater Desalination Project

The Nueces River Authority (NRA) continues to work with its selected design firms to formalize their scope of work for the water pumping and conveyance portion of the project. The focus of this work will initially be on the first segment of the conveyance line leading from the plant.

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The formal Request for Qualifications (RFQ) for the public-private partnership has been postponed for further review and is now scheduled for release by the end of January, with a response due thirty days later.

Inner Harbor Seawater Desalination

The Corpus Christi Desal Partners (CCDP) and CCW are working together to present cost certain options for consideration at the February 17 council meeting. If Council approves moving forward, City staff would prepare a contract with CCDP for consideration at a council meeting in April 2026.

A separate memo regarding the membership and formation of the Far Field Modeling Advisory Committee has also been issued today.

South Texas Water Authority

A South Texas Water Authority (STWA) board workshop with Seven Seas is scheduled for January 13. It is anticipated that a board meeting will follow the workshop, during which the contract amendment with Seven Seas will be reconsidered. STWA is tentatively scheduled to provide an update to the City of Corpus Christi at the council meeting on January 27.

The initial project would be for 3 MGD, with possibly 1.4 MGD available for sale to CCW. CCW Engineers met with STWA and their consultant on December 18. As a result of the meeting, STWA will provide additional information for review over the upcoming weeks.

Lake Texana Reservoir Status

On January 2, 2026, the reservoir capacity for Lake Texana was 66%, as reported by the Lavaca-Navidad River Authority (LNRA). On the same date in 2024, the reservoir was at 73% capacity for comparison. LNRA's current drought contingency plan mandates reductions in pumping when the lake level drops to 50% capacity.

CCW will meet with LNRA and Formosa on January 6 to discuss the forecasted conditions for Lake Texana and the potential for pumping restrictions.