


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: January 9, 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.

Evangeline Groundwater Project

Evangeline Laguna LP (Evangeline) and City staff have continued to meet with the San Patricio County Groundwater Conservation District (SPGCD), with multiple meetings occurring this week. SPGCD is reviewing the 22 drilling permits and a transport permit submitted by Evangeline on December 12, 2025. Based on the discussion with SPGCD, a decision on the administrative completeness of these permits will be provided during the week of January 12, 2026.

To meet the construction deadlines to deliver water by November 2026, the City's contractors must start construction activities including well drilling as soon as possible. It is critical that SPGCD issues the permits by February 6, 2026, to ensure the City's construction schedule can proceed.

On May 16, 2019, SPGCD issued a production permit for 24 MGD to Evangeline, which was renewed on January 21, 2025.

On January 16, SPGCD will conduct a Public Hearing and Board Meeting. The agenda has been published, see attached, and includes:

- Approving or amending the proposed amendments to the District Rules
- Update on the Evangeline Project

Pape Dawson Engineers and Garney Construction continue to advance with design and pre-construction services. Contract amendments for construction services and equipment purchase are expected to be presented to the Council for consideration on February 10.

Water Supply Update

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This week, Evangeline attended mediation with the landowners regarding surface use agreements for the project. City staff will provide an update to Council in Executive Session on January 13.

Lake Texana Reservoir Status

On January 6, the City Manager and CCW met with Lavaca-Navidad River Authority (LNRA) and Formosa to discuss the forecasted conditions for Lake Texana and the potential for pumping restrictions. During this discussion, LNRA informed the group that the reservoir level is expected to fall below 50% on April 3, 2026, if no additional inflow occurs. This would then necessitate a 10% reduction in total pumping compared to the previous year. LNRA has committed to providing the City with weekly updates regarding this status.

On January 9, LNRA reported that Lake Texana's reservoir capacity was at 65%. In comparison, the reservoir was at 71% capacity on January 9, 2025. LNRA's current drought contingency plan mandates reductions in pumping when the lake level falls to 50% capacity.

LNRA's drought contingency plan states that pro-rata water use reductions would be as follows:

Reservoir Storage Capacity	Pro-Rata Water Use Reduction
50%	10%
40%	20%
30%	35%
20%	50%
10%	- %

Nueces River Groundwater Wells Project

As part of the Bed and Banks permit issued by the Texas Commission on Environmental Quality (TCEQ), an aquatic life use assessment was conducted. The work performed was to assess habitat quality and water chemistry, relative to their ability to support aquatic life. In the executive summary, the report stated, "There is no indication that the discharge of groundwater to the river affected its aquatic life use." The full report will be posted next week on the City's Water Supply Webpage at securingswater.corpuschristitx.gov.

CCW met with Nueces Electric Cooperative (NEC) this week to discuss the permanent power supply to the Western Well Field. Work is underway to ensure permanent power is available for the first seven wells by the end of February. The permanent power to the full Western Well Field is targeted for availability in April 2026.

As of today, the current expenditure for the Eastern Well Field Project is \$16,636,718, and for the Western Well Field Project, \$16,720,235.

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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. The control panel issue for Well Pump No. 3 has been corrected, and the well pump is now operational.

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, and the permanent pumping assembly will be installed 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 scheduled for the end of 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.
- 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 within the next week.
- Well No. 15 – The pilot hole has been completed, and geophysical logging was conducted today. The 20" casing has been installed and cemented.
- Well No. 16 – The pilot hole is in the process of being drilled.
- CCW crews have to date installed the 11,815 linear feet of 24", 16", and 12" diameter PVC water line required for the operation of this well field.

Reclaimed Water Infrastructure Project

Ardurra and CCW continue to design the infrastructure required to convey approximately 10 MGD from the Oso Wastewater Treatment Plant (WWTP) to Greenwood WWTP. The preliminary alignments for the conveyance pipeline and the locations of the ground storage tank and pump station at the Oso WWTP have been identified. Additional property adjacent to the plant will be needed to accommodate the installation of the additional infrastructure. An upcoming meeting will be scheduled with AEP to discuss the additional power requirements needed to operate the proposed effluent pump station.

CCW has continued discussions with multiple entities regarding the use of effluent water from the Allison, Greenwood, and Oso Wastewater Treatment Plants. The agreement with Valero to purchase effluent will be presented to Council for consideration on January 13.

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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 24 council meeting. If Council approves moving forward, City staff would prepare a contract with CCDP for consideration at a council meeting in April 2026.

CCDP and CCW are reviewing the pre-treatment processes, which have different cost benefits for capital and operational expenses. CCDP has also concluded that the location of the intake pumping station proposed by the previous designer is the correct placement for effective operation. Additionally, the team is reviewing the previous alignment of the product water line from the Inner Harbor plan to the existing Navigation pump station.

The request for qualifications (RFQ) for the City's agent/representative was also released with submittals due February 4, 2026.

On January 3, the Far Field Advisory Committee memo was sent to the Mayor and Council. City staff distributed information to committee members today. The first meeting is scheduled for January 22, 2026.

NRA - Harbor Island Seawater Desalination Project

The Texas Commission on Environmental Quality has issued a notice regarding an application for a water use permit for the Harbor Island Seawater Desalination Project. The permit would authorize the diversion and use of 350,000 acre-feet of water per year from a point in the Gulf for municipal and industrial purposes in Aransas, Nueces, and San Patricio Counties. The application, technical data, and the Executive Director's draft permit are available on the TCEQ web page at https://www.tceq.texas.gov/permitting/water_rights/wr-permitting/view-wr-pend.apps.

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.

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.

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 at the council meeting on January 27.

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

Water Conservation Advisory Committee

On January 3, the Water Conservation Advisory Committee memo was sent to the Mayor and Council. City staff distributed information to committee members today. The first meeting is scheduled for January 23, 2026.

San Patricio County
Groundwater Conservation District

Notice of Meeting

Notice is hereby given that in accordance with the Open Meetings Act, Chapter 551, Government Code, and Section 36.064 of the Texas Water Code, a Regular Meeting of the Board of Directors of the San Patricio County Groundwater Conservation District will be held on **January 16, 2026 at 8:05 AM** at the Emergency Management Dome behind the Exhibition Center, 219 West 5th Street, Sinton, Texas 78387

Charles Ring
Charles Ring, President

Public Hearing

The Board will conduct a public hearing to accept comments on the proposed amendments to the District rules. Written comments may be provided by mail or email until 5:00 pm on Thursday, January 15, 2026. Oral comments at the hearing will be limited to 3 minutes per person.

Regular Meeting Agenda

1. Declaration of Quorum and Call to Order
2. Public Comments (3 minutes per person limit)

Consider and Possible Action On:

- 1) Approving Minutes of previous meetings
- 2) Approving Quarterly Financial Report
- 3) Approving the District Expenses
- 4) Approving or amending the proposed amendments to the District Rules
- 5) Update on the Evangeline Project
- 6) Appoint a committee to meet with the Chief Appraiser and Tax/Collector
- 7) Future agenda items and schedule next meeting date
- 8) Adjourn

**The State of Texas San Patricio County P.O. Box 531, Sinton,
TX 78387-0531**

The Board of Directors of the San Patricio County Groundwater Conservation District reserves the right to adjourn into Executive (Closed) Session at any time during the course of this meeting to discuss items listed on this agenda, as authorized by the Texas Government Code, Sections 551.071 (Consultations with Attorney), 551.072 (Deliberations about Real Property), 551.073 (Deliberations about Gifts and Donations), 551.074 (Personnel Matters), 551.076 (Deliberations about Security Devices) and 551.086 (Economic Development). No final action will be taken in Executive Session.

The San Patricio County Groundwater Conservation District is committed to compliance with the Americans with Disabilities Act. Reasonable accommodations and equal opportunity for effective communications will be provided upon request. Please contact the District office at least 24 hours in advance if accommodation is needed.