

**REGULAR MEETING MINUTES OF THE
Corpus Christi Aquifer Storage & Recovery Conservation District
(CCASRCD)**



Friday, June 26, 2026

City Hall, 6th Fl Conf Rm

The Board of Directors of the Corpus Christi Aquifer Storage and Recovery Conservation District met in regular session at City of Corpus Christi City Hall, 1201 Leopard St, Corpus Christi, Texas, with the following in attendance:

Board Members:

Dan McGinn, President
Bill Mahaffey, Vice President
Jeff Edmonds, Secretary
John Michael, At-Large

Staff:

Lisa Aguilar, City Attorney's Office
Esteban (Steve) Ramos, General Manager
Belinda Balderas
Morgan Andrade

(1) Call Meeting to Order: The meeting was called to order by President Dan McGinn at 2:02 p.m. The roll was called. A quorum was present to conduct the meeting.

(2) Public Comment

(3) Review and Approval of Minutes of March 26, 2026 Regular Meeting:

ACTION: A motion was made by Jeff Edmonds to approve the minutes of the March 26, 2026, meeting. Bill Mahaffey seconded the motion.

The Vote: All in Favor. The Minutes were Approved

(4) Eastern and Western Well Field Permit Update from CCW:

DISCUSSION: Chief Operating Officer of CCW, Nick Winkelmann, presented an update to the Board.

(5) Desired Future Conditions (DFC):

DISCUSSION: The General Manager, Esteban Ramos, gave a presentation of the DFC to the Board.

(6) Discussion and Action for Corpus Christi Independent School District's Well Applications:

DISCUSSION: Esteban Ramos informed the Board that a Public Hearing was held on the applications on June 24, 2026. There were no protests against the application, and one in favor was received. John Michael states that these were small amounts used primarily for watering sports fields and would not affect our water supply.

ACTION: A motion to approve CCISD's applications was made by Bill Mahaffey. Jeff Edmonds seconded the motion.

The Vote: All in Favor. The applications were Approved.

(7) Discussion and Action for City of Corpus Christi's Western Well Field Extension Well Applications:

DISCUSSION: The Board entered Executive Session to discuss this item. President Dan McGinn filed an Affidavit to abstain from voting on Item #7 (Affidavit is attached as Exhibit A of the meeting minutes). Board Member, John Michael, made a statement (*Statement is attached as Exhibit B of the meeting minutes*).

ACTION: A motion to form a Subcommittee to meet with Steve Young and the Intera Staff was made by John Michael, who also volunteered to serve on the committee. The motion was seconded by Jeff Edmonds, who also volunteered to serve on the subcommittee.

The Vote: All in Favor. The Motion Passed.

DISCUSSION: Lisa Aguilar informed the Board that several protests were received within the 5 Calendar Days prior to the Public Hearing Rule. Therefore, the Board will have to schedule a Preliminary Hearing to hear a case to contest the permits.

ACTION: Jeff Edmonds made a Motion of Direction (General Manager, Esteban Ramos) to the Director to hire outside Council to support the Board with a Preliminary Hearing on the request for a contested case. The motion was seconded by John Michael.

The Vote: All in Favor. The motion passed.

DISCUSSION: Bill Mahaffey asked the Attorney if items #7 and #8 were covered under John Michael's motion. She advised that they are separate but that the Board cannot act on item #8, and that the motion modifies item #7.

ACTION: John Michael made a motion to authorize the approval of a temporary drilling permit only (not production) for a period not to exceed 4 months. Bill Mahaffey seconded the motion.

The Vote: All in Favor. The motion passed.

(8) Discussion and Action on the City of Corpus Christi Request for Operating Permit Amendment Pursuant to Rule 8.8 for the Western Well Field Production Permits:

DISCUSSION: The Board entered Executive Session to discuss this item. Jeff Edmonds asked the attorney whether the prior motions also covered this item. She informed the Board that Item #8 was subject to the completion of the Preliminary Hearing and Contested Case Process.

ACTION: A Motion was made by Jeff Edmonds to table Item #8. The motion was seconded by Bill Mahaffey.

The Vote: All in Favor. The motion passed.

(9) Adjournment:

There being no further business to discuss, Vice President Bill Mahaffey adjourned the meeting at 3:56 pm.

AFFIDAVIT DISCLOSING SUBSTANTIAL INTEREST IN A BUSINESS ENTITY
OR REAL PROPERTY

STATE OF TEXAS
COUNTY OF NUECES

I, Daniel McGinn (*name*), as a local public official of CORPUS CHRISTI AQUIFER STORAGE AND RECOVERY CONSERVATION DISTRICT, make this affidavit and on my oath state the following:

1. I, or a person(s) related to me in the first degree, have a substantial interest in:
- ☒ a business entity, as those terms are defined in Local Government Code Sections 171.001-.002, that would experience a special economic effect distinguishable from its effect on the public by a vote or decision of the Board.
- or
- ☐ real property for which it is reasonably foreseeable that the Board's action or my action will have a special economic effect on the value of the property distinguishable from its effect on the public.
2. The business entity or real property is _____ HDR Engineering 555 North Carancahua , Suite 1600
(name/address of business or description of property).
- ___ I _____ ("I" or name of relative and relationship) (have)(has) a substantial interest in this business entity or real property as follows:
(check all that apply)
- ☐ Ownership of ten percent or more of the voting stock or shares of the business entity.
- ☐ Ownership of ten percent or more of the fair market value of the business entity.
- ☐ Ownership of \$15,000 or more of the fair market value of the business entity.
- ☒ Funds received from the business entity exceed ten percent of _____ (my, her, his) gross income for the previous year.
- ☐ Real Property is involved and _____ (I, she, he) (have) (has) an equitable or legal ownership with a fair market value of at least \$2,500.
3. The statements in this affidavit are based on my personal knowledge and are true and correct.

4. Upon the filing of this affidavit with the Board's official record keeper, I affirm that I shall abstain from participation in any decision involving this business entity or real property, unless permitted according to Local Government Code 171.004(c).

Signed Daniel McGinn (date)

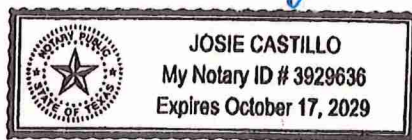
Signature of official

Title President CCASC

STATE OF TEXAS
COUNTY OF NUECES

Sworn to and subscribed before me on this 26th day of June (month),
2026 (year).

Josie Castillo, Notary



Date: 6/26/2026

To: CCASRCD

From: John Michael, P.E.

Project Name: CCASRCD- INTERA INTERIM Modeling

Recent drilling of water wells along the Nueces River started as an emergency use only water supply starting in the Fall of 2024. The project started with a call from Drew Molly who wanted to run a "wild idea" by me as the drought continued to set in. He asked if it was feasible to drill wells along the Nueces River and discharge the well water directly in the to Nueces River as a transport mechanism. I explained to Drew that the City did just that in 1984-86 drought and that I was involved in the securing of land leases and drilling of the eight new wells until the drought ended. Steve Reed w/ Reed & Assoc. was the groundwater hydrologist that evaluated well field options for the City. The eight emergency groundwater wells (along with other City wells located in and around Lake Corpus Christi) were maintained by the City until the mid-1990's when the MRP Pipeline was built. The land leases and wells were abandoned after completion of the MRP Pipeline. Hanson and James Dodson provided CCW staff with historic records from the 1980's Emergency Well Program.

While I believed that resurrecting and developing an emergency water well program was a viable option to supplement water resources during the current drought. I never envisioned that the wells would be used for anything other than emergency supply (primarily due to water quality concerns). Somewhere along the way the emergency supply became a permanent water supply that would help diversify the overall CCW water portfolio. It is certainly understandable that CCW would want to capitalize on this financial investment and incorporate some amount of this groundwater resource as a permanent supply to meet CCW Regional Water demand. The real question is how much can be developed in a sustainable manner to minimize offsite impacts to draw down and potential for subsidence.

Attached is the final conclusion and recommendation from 1987 Reed & Associates, Inc. Finite Difference Ground Water Model Supplemental Water Supply for the City of Corpus Christi. The conclusion was that 20 mgd (approx. 22,400 ac-ft/yr) of water well pumping along the Nueces River for a two-year period would not result in land subsidence in and around Wesley Seale Dam. The report concluded that "greater draw downs on pumping could create the potential for land subsidence."

Unlike the Evangeline Groundwater Project (which I have advocated for 40+ years) that has been studied for decades and has been included in State and Regional water planning documents for over 30 years. The Eastern and Western Wellfields have been developed aggressively in the past two years by CCW, out of necessity, but there has been little information provided to the board regarding the long-term impacts from sustained pumping to water quality within the aquifer and the discharge into the Nueces River, the effects of drawdown on other wells utilizing the aquifer and subsidence issue. CCW staff has had to develop these water well supplies to help manage the Regional Water Supply through the ongoing drought. I want to make it perfectly clear as a ASRGCD Board member that I am not advocating to stop drilling emergency wells while in this drought to meet "today's needs" but rather put necessary checks and balances into a water well program that is sustainable as a permanent water supply and provide for emergency water supply when needed.

Last week CCW staff provided the CCASRCD Board with a supporting document from INTERA for a previously approved production rate of 26,900 ACFT/year (maximum combined authorization of 29,028 ACFT/year). This supporting document accompanied a separate application package for 15 new wells to be located within the Western Well Field. I have known Steve Young with INTERA for several decades and have great trust in his Hydraulic Modeling and wellfield development capabilities. In reading the June 16, 2026, final report titled "Development and Application of a Groundwater Model for simulating Drawdown and Land Subsidence in Nueces County Texas, I found numerous conclusions to be concerning. I have several questions that I would like to explore directly with Steve Young so that I and the CCASRCD Board can better understand the short- and long-term impacts, both on site and off site for the Western Well Field.

While it is clearly understood that we are currently in a historic drought that requires emergency supply of water to augment Surface Water supplies, and I am not advocating stopping drilling of wells, however, what I am advocating for is to better understand how much water can be produced sustainably without offsite impacts to draw down and subsidence. Addition of monitoring wells and subsidence monuments will certainly help to manage the wellfield production. The monitoring program for draw down and subsidence needs to be developed and implemented ASAP. With regard to the ground water modelling effort, it must be pointed out that the conceptual and numerical ground water model is Interim and needs to be populated with actual data from ongoing development of production wells.

I would like to recommend that the CCASRCD Board set up a subcommittee (Rule 2.4 Committees) to meet directly with Steve Young and staff at INTERA to discuss details of the Interim Modeling effort. Additionally, I would recommend that term permits be issued for the proposed wells. The terms would require after one year from June 2026 that INTERA provide updated modeling to the CCASRCD based on actual production data including monitor wells and subsidence monitoring. After two years from June 2026 that INTERA provides updated models and recommendations of how much water can produced from the Western Well Field on a sustainable basis outside of the emergency conditions. A detailed Well Field Operations Plan shall be recommended by INTERA based on updated modeling and monitoring. CCW shall present to the CCASRCD an overall strategy to manage Nueces River groundwater wells for both emergency use conditions and as a strategy to manage the overall Regional Water Supply System (i.e. Establish trigger conditions so that when Western Reservoirs are in good shape from a water supply standpoint, that use of the Western Well Field can be diminished).

FINITE DIFFERENCE
GROUND WATER MODEL
SUPPLEMENTAL WATER SUPPLY
CORPUS CHRISTI, TEXAS

Prepared For
City of Corpus Christi

By

REED & ASSOCIATES, INC.
Hydrologists & Environmental Consultants
Midland - Corpus Christi - Austin, Texas

April 21, 1987

CONCLUSIONS AND RECOMMENDATIONS

- . Current active leases along Nueces River are not capable of providing 40.5 mgd without dewatering the Goliad aquifer.
- . The 40.5 mgd volume can be produced by pumping 20.5 mgd along the Nueces River and 20 mgd in the area north of Sinton. No significant dewatering of the aquifer would occur with this distribution of wells.
- . The current surface water usage from the San Patricio Municipal Water District is approximately 20 mgd. Thus, the ground water produced north of Sinton could be piped to the San Patricio pipelines that pass through Sinton, and be used to replace the surface water demands.
- . Drawdown of the water table after two years in the area of the Wesley Seale Dam is predicted to be approximately 100 feet. No land subsidence is expected to result and the dam structure would remain stable for a two-year pumping period. Greater drawdowns or pumping durations could create the potential for land subsidence.

Respectfully submitted,
REED & ASSOCIATES, INC.

Thomas M. Wilson
Thomas M. Wilson
V. Steve Reed
V. Steve Reed

