CITY OF CORPUS CHRISTI
CORPUS CHRISTI WATER

TO: Peter Zanoni, City Manager

FROM: Drew Molly, P.E., Chief Operating Officer 8/29/25

COPY: Mayor & City Council

DATE: August 29, 2025

SUBJECT: **Water Supply Projects Update**

Corpus Christi Water (CCW) continues to evaluate a number of supplemental water supply projects in addition to the Inner Harbor Water Treatment project.

These projects are in addition to the Inner Harbor Water Treatment Campus (IHWTC), which was suspended at the request of City Council on July 29, 2025, until more information could be provided by the Texas Water Development Board (TWDB) to determine if current project funding can be transferred to supplemental projects. The suspension of work directs Kiewit to pause design services and completion of the demonstration plant.

It also directs Freese and Nichols (FNI), the owner's agent, to stop work on all owner representative services. The suspension of work was effective August 1, 2025, and ends August 28, 2025, or until further Council action.

Kiewit acknowledged receipt of the project suspension and has communicated how this suspension will potentially impact project costs and schedule in a letter dated August 1 to the Program Management Office.

Inner Harbor Water Treatment Campus (IHWTC)

Two agenda items related to the IHWTC will be considered by City Council on September 2.

The first item is consideration of a contract amendment for continued design up to the 60% milestone and development of the Guaranteed Maximum Price (GMP). The council was first presented this item at the July 29 City Council meeting and voted to postpone a decision for at least 30 days or until guidance was received by TWDB.

The second item is consideration of a financial agreement with the TWDB to accept the second receipt of the third tranche of IHWTC funding from the State Water Implementation Fund for Texas (SWIFT) low-interest loan program. The first receipt of these loan funds was approved in November 2024 ($211,050,000), and the deadline to approve the next round of funding is September 5 ($210,045,000).

On August 29, the City received a second letter from the Texas Water Development Board (TWDB) that provided greater clarification to questions related to SWIFT funding. A copy of the letter is attached to this memo.

Lastly, industry partners have committed project management resources, at no cost to the city, to perform advisory support by peer reviewing and evaluating project scope and costs associated with advancing the design to 60% or the guaranteed maximum price. City staff will use this partnership to help strengthen the project team and ensure the guaranteed maximum price is competitive. If City Council approves continuing the IHWTC project design development, staff will immediately integrate the industry partners into the project management process.

Attached to this memo is an overview of the project costs incurred to-date by Freese and Nichols, Kiewit and others, in addition to the total remaining encumbrances to date.

Nueces River Groundwater Wells Project

Phase 1 – Groundwater Well Implementation for Diversions to Nueces River
Phase 1A consists of utilizing groundwater from a newly developed wellfield (referred to as the Eastern Well Field) as a source of water for conveyance into the Nueces River. The groundwater is blended with the existing river and conveyed downstream as a source of supply for permitted water users. The Texas Commission on Environmental Quality (TCEQ) granted a Bed and Banks permit on August 7, 2025, to discharge and convey 17,920 acre-feet per year (approximately 16 MGD) of groundwater into the Nueces River.

As of today, the current expenditure for this project is $16,081,858. The City is currently discharging approximately 5-7 MGD into the Nueces River in accordance with the approved monitoring plan and in compliance with all State laws

A summary of the wellfield activities is included below:

- Well Field 1 (Eastern Well Field)
  - Well No. 1 – Operational
  - Well No. 2 – Operational
  - Well No. 3 – Operational
  - Well No. 4 – Operational
  - Well No. 5 – Operational
  - Well No. 6 – Operational
  - Well No. 7 – Operational
  - Well No. 8 – Test pumping and additional development will continue the week of 9/1/25

A second well field, referred to as Phase 1B is being developed on a 251-acre site in Bluntzer, as a source of groundwater for conveyance to the Nueces River. The city is developing the necessary data and information for a second permit application to TCEQ. A summary of the wellfield activities at the western well field is provided below.

- Well Field 2 (Western Well Field)
  - Well No. 9 – Pump Testing and water sampling completed
  - Well No. 10 – Drilling
  - Well field site work continues

The existing Carollo model currently utilized by the CCW team shows that the current projection of a Level 1 Water Emergency occurring in December 2026, which is when the City is within 180 days of not being able to meet water demands. A copy of the Carroll model is attached to this memo

The current model shows that in May 2027, no water will be available from Lake Corpus Christi or Choke Canyon. By continuing to develop the groundwater supplies along the Nueces River, the City would be able to push the May 2027 date further out, essentially delaying the need to issue a Level 1 Water Emergency to May 2029. If a total of 27 MGD of groundwater could be developed along the Nueces River, in addition to the 11 MGD of groundwater already developed from the Eastern Well Field, the projected date of a Level 1 Water Emergency would be pushed out to December 2028. Assuming the City is able to complete the Inner Harbor project by the original anticipated completion date of June 2028, which may be difficult due to the recent pause of the project, the City would avoid a Level 1 Water Emergency.

Phase 2A & 2B – Proposed Future Brackish Reverse Osmosis (RO) Treatment Plant

Phase 2A of the Nueces River Groundwater Project will utilize groundwater from the eight new wells (Eastern Well Field) as a source of water for a future brackish groundwater plant. Preliminary and conceptual design work has commenced for the development of this future plant and has been included in the Region N Water Plan.

Phase 2B of the Nueces River Groundwater Project will utilize groundwater from the 251-acre Sutherland tract (Western Well Field) purchased by the city. City staff are in the process of developing additional groundwater wells at this location as illustrated above.

The City has hired Interra, which is a third-party hydrogeologist, to develop a groundwater model to predict impacts from the production of brackish groundwater from the proposed eastern and western well fields. The August 18 memo (see attachment) concludes that a safe yield from the western and eastern well fields is approximately 11 MGD and 17 MGD, respectively.

A project timeline developed by Garver has been attached to this memorandum. The timeline assumes a design/bid/build approach with an aggressive timeline option and a more likely timeline option, which is estimated to be October 2028, and December 2029, respectively.

Evangeline Groundwater Project

On August 12, the Council made a motion to direct City staff to prepare a termsheet for water rights on approximately 22,788 acres of property in San Patricio County and water source project involving 28,486 acre-feet per year of water rights. City staff will work on deliverables, such as the land title, transfer permits, and drilling permits, before bringing a formal proposal back to council.

Garver and a third-party engineer have both reviewed the project timeline for developing 12 MGD of groundwater from the Evangeline aquifer. Garver's assessment of the timeline based on a design/bid/build approach with an aggressive timeline and a more likely timeline is January 2029, and March 2030, respectively. The bottom line is that this project will NOT be completed within 6 – 8 months as has been suggested by the project developer. A copy of the project timeline is attached to this memo.

On August 27, CCW, City legal staff, outside City legal counsel, City Council project sponsor Carolyn Vaughn, and Mayor Paulette M. Guajardo met with Evangeline Laguna to discuss the details of the term sheet. An appraiser has been retained to provide the property's land value and is expected to have this information by the end of September. The goal is to have the agreed-upon-term sheet and the appraisal information available for the first council meeting in October.

CCW will retain an independent hydrogeologist to review the existing reports on the property as part of our due diligence. Further pre-engineering work will also be ongoing to investigate the availability and timeline for power, as well as evaluating the connection point and piping needed for the MRP. HDR is completing a MRP hydraulic analysis with the estimated inputs from Evangeline.

On August 25, 2025, the San Patricio County Commissioner Court passed a resolution with a vote of 4 to 1 in favor, to support Sinton and San Patricio County residents' water rights and oppose the transfer of groundwater out of the district. The resolution states that San Patricio County officially joins the City of Sinton to express concerns about the transfer of 25.4 MGD out of the district. A copy of the resolution is attached to the memo.

South Texas Water Authority

The South Texas Water Authority (STWA) board voted on Tuesday, August 19, not to discharge brine into Petronila Creek and announced its plans to explore deep well injection. City staff are planning to provide updates to the City Council at the September 23 Council Meeting.

EV Ranch Groundwater Project

There is no update to add regarding the EV Ranch Groundwater Project.

CC Polymers Seawater Desalination Treatment Plant

On August 27, CCW, City legal staff, the City's consultant, and City Council project sponsor Gil Hernandez met with leadership from CC Polymers to review a recent proposal provided through Councilman Gil Hernandez. The proposal identifies opportunities for the city to purchase the CC Polymers facility.

CC Polymers confirmed that their board has been briefed on the proposal from Councilman Hernandez but would need a draft term sheet to further advance the project. City staff will bring this item to Council for consideration in an Executive Session in October.

Harbor Island Seawater Desalination Project

City staff met with John Byrum, Executive Director of Nueces River Authority (NRA) on August 29. The NRA is working to acquire the five following permits prior to initiating the construction of the project.

1. TCEQ Intake Permit
2. TCEQ Discharge Permit
3. US Army Corps of Engineers (USACE) Permit to construct on Harbor Island
4. USACE Permit to bore under Harbor Island

5. USACE Right of Way Permit for diversion and discharge lines into the Gulf of Mexico

Mr. Byrum estimated that construction would begin in March 2027, with a goal of producing water in December 2029. The NRA is scheduled to present the reservation fee concept at the September 23 City Council Meeting.

Reclaimed Water Infrastructure Project

Garver
On April 8, 2025, the City Council approved a professional services contract with Garver to provide preliminary design services for this project. Garver received the executed contract on June 20, which includes evaluating supplemental water reclamation and reuse applications that would add a new water supply for the City.

The main tasks associated with this project include:

- TCEQ permitting to allow conveyance of effluent to the Nueces River and/or conveyance to Industrial Users to the Nueces River
- Aquifer Storage and Recovery
- Direct potable reuse

Gulf Coast Authority and Ardurra
Ardurra recently engaged Councilman Cantu and Councilwoman Vaugn on an opportunity to partner with the Gulf Coast Authority (GCA) to develop reclaimed water from several of the City's wastewater treatment plants. The project would potentially consider conveying wastewater effluent from Oso and Greenwood to the Nueces River, or to some industrial users on the ship channel. City staff, GCA and Arudurra will provide a presentation to City Council at the September 9 City Council Meeting.

Attachment: Letter from TWDB Bryan McMath's Office
Attachment: IHWTC Total Cost One-pager
Attachment: Carollo Water Supply Dashboard with IHWTC
Attachment: INTERA Groundwater Assessment for NR Groundwater Project
Attachment: Resolution for Sinton and SPC Citizens' Water Rights
Attachment: Garver's Timeline for Evangeline & NR Groundwater Projects

Attachment: Letter from TWDB Bryan McMath's Office

TEXAS WATER DEVELOPMENT BOARD

P.O. Box 13231, 1700 N. Congress Ave.
Austin, TX 78711-3231, www.twdb.texas.gov
Phone (512) 463-7847, Fax (512) 475-2053

August 29, 2025

Mr. Peter Zanoni
City Manager
City of Corpus Christi
1201 Leopard Street
Corpus Christi, TX 78401

Dear Mr. Zanoni:

Thank you for your letter, dated August 18, 2025, with additional questions regarding the Corpus Christi Inner Harbor Ship Channel seawater desalination project ("Inner Harbor"). Your specific questions are addressed below.

1. *Would the same "change in project scope" procedures apply to: (1) the $235,225,000 in bonds that the City of Corpus Christi has already issued, and (2) the $525,110,000 in commitments received from the Texas Water Development Board, but not yet issued by the City of Corpus Christi? Specifically, would the TWDB approve a change in the scope of the project using the principal outstanding of the $235 million bonds already issued for a new project, if the new project is included in the 2022 adopted regional and state water plan?*

Only projects recommended in the 2026 Coastal Bend Regional Water Plan and the 2027 State Water Plan are eligible for funding. The same procedures for a change in the scope of a project would apply to both the bonds already issued and the commitments the City received but have not been issued.

However, the TWDB Executive Administrator would not recommend a change to the Board. Not only would a change in scope be unprecedented, but the TWDB's SWIFT commitments to the City substantially relied on the City's representations in its application and supporting documents. The TWDB used those documents to prioritize the City's application and inform the Executive Administrator's recommendations for the financing, which culminated in the TWDB's purchase of the City's bonds for the Inner Harbor project.

Additionally, the TWDB Executive Administrator is authorized by 31 TAC §363.12(2)(G) to collect and evaluate any information needed for financial and legal review of any future applications for financial assistance made by the City. Failure by the City to complete the Inner Harbor project in a manner that conforms substantially to the initial design introduces high uncertainty into our existing SWIFT funding process which could lead to an unacceptable level of risk in the future. This lack of certainty and commitment will be

included in any assessment by the Executive Administrator for future state funding for projects in Corpus Christi.

2. *If the current desalination project does not move forward, will TWDB allow the City to withdraw escrowed bond proceeds to pay costs incurred by the City, including costs associated with any contract cancellations for the project?*

The bond proceeds currently in escrow may be used to reimburse eligible expenses incurred by the City on the Inner Harbor project. Under the terms of the SWIFT Intended Use Plan, eligible expenses include any costs related to a final accounting of the Inner Harbor project, including costs incurred under the terms of a contract in the termination of that contract. Financial assistance may not be used to pay liquidated damages or litigation costs.

3. *The August 8 letter describes the process of defeasance for the $235 million in bonds issued should the City Council choose to cancel the Inner Harbor project. Would this cost of defeasance cover the City's $235 million bond issuance in its entirety or only the amount of bond proceeds which are held in escrow at the time of prepayment (to date the City has withdrawn approximately $40 million, though additional costs have been incurred and additional withdrawals are contemplated by the City)? In either scenario, how would the prepayment amount be calculated? Could any of the prepayment amount be invested to help offset the estimated $74 million interest payable prior to the first bond call date? Would the prepayment amount (and any potential investment earnings) be dependent upon TWDB's use of those funds (e.g. defeasance to the first optional call date of TWDB bonds or TWDB relending of the funds to another local government? Does TWDB have a preference between those two options?*

These questions should be directed to the City's financial advisor and bond counsel, as the TWDB cannot offer financial or legal advice. However, we can provide your advisors with key data such as outstanding principal amounts, information about interest payments, and applicable call dates.

In addition to costs the City is required to pay, such as principal and interest due through the call date, defeasance costs may also include fees for financial advisory services, bond and disclosure counsel, and escrow arrangements. These expenses vary by entity and are typically governed by contractual agreements.

Please note that the amounts required to defease bonds can exceed the amount of unspent project proceeds. Your financial advisor should be able to provide a comprehensive estimate of the total cost of defeasance based on these factors.

4. *If the City of Corpus Christi is interested in pursuing a "change in project scope" and redirecting its SWIFT funds (the $235m issued plus the $525m remaining commitment) toward another project in the 2022 adopted regional and state water plan, must the City of Corpus Christi be the sponsoring entity of that alternative project in the state and regional water plan? In other words, can the City of Corpus Christi pursue a "change in project scope" and redirect its SWIFT*

funds toward an alternative project in the state and regional water plan under a different sponsoring entity?

The City must remain the sponsoring entity for any project that has received TWDB funding, and only current projects in the State Water Plan may be considered for SWIFT funding. The financial commitment was made to the City for the Inner Harbor project; therefore, these funds cannot be redirected to a different sponsoring entity.

5. *If the City of Corpus Christi decides to pursue financial assistance for either the Inner Harbor seawater desalination project or for an alternative project in the 2022 adopted state and regional water plan through a "change in project scope" from the Texas Water Development Board pursuant to the Texas Water Fund or the New Water Supply Fund, is there an opportunity to change the remaining $525m commitment under the SWIFT program to these new programs?*

The SWIFT financing commitments cannot be moved to a different program. If the City wants to request financing for a project through a different program, it will need to start over and apply for funds under specific rules developed for that program when there is an open solicitation.

6. *The August 8 letter identified "four desalination projects that are eligible for SWIFT funding." Can you verify which projects are referred to in that statement?*

The 2022 State Water Plan identified four projects at two locations: The City of Corpus Christi Inner Harbor 10 mgd and 30 mgd projects and the City of Corpus Christi La Quinta 20 mgd and 40 mgd projects. Details on these projects can be found in Chapter 5D10, Section 5D.10.5 of the 2021 Coastal Bend Regional Water Plan.

7. *Can the City's SWIFT funding be used for groundwater development including the purchase of groundwater water rights in addition to the infrastructure related to groundwater such as drilling, transmission, and treatment?*

As discussed earlier, the City's SWIFT commitment can only be used for the Inner Harbor project as described in the City's application and TWDB's financial assistance commitments. To date, the Board has never considered a change to a project's scope in the SWIFT program that is completely different than described in the original application and supporting documents. The type of "change" discussed in the City's letter would be completely unprecedented. Therefore, the Executive Administrator would not recommend a change to the Board.

8. *We understand that SWIFT financing is limited to political subdivisions of the state. What are the restrictions regarding a political subdivision using the SWIFT financing to partner with a private organization under a P3 structure to deliver a water supply project? What are the restrictions for utilizing SWIFT financing under a Public Utility Agency (PUA)?*

When a political subdivision partners with a private organization, the political subdivision is responsible for submitting the application and issuing the bonds for any financing provided

by the TWDB. The parts of the project paid for by the SWIFT financing would be determined by the way the partnership agreement is structured.

A PUA, structured under Texas Local Government Code, Chapter 572, subchapter C, consists of two or more public entities and is able to issue bonds.

9. *The Inner Harbor Desalination plant in the Region N plan does not identify a specific location within the Inner Harbor. Can the issued $235 million in SWIFT funds that were already borrowed for seawater desalination be redirected to another desalination plant site if it is in an alternate location within the Inner Harbor?*

The factual circumstances of the alternate location will determine whether the $235 million can be redirected. The documents submitted to the Board when the commitments for the $235 million were made included a specific description of the proposed plant site. The City has already acquired at least some of the necessary permits and approvals for the current location within the Inner Harbor.

Please feel free to contact Jessica Pena, Deputy Executive Administrator, Water Supply and Infrastructure, at (512) 475-3734 or at jessica.pena@twdb.texas.gov if you have any questions.

Respectfully,

Kathleen Ligon

Bryan McMath
Executive Administrator

Cc: The Honorable Juan "Chuy" Hinojosa, State Senator, Texas Senate
The Honorable Lois Kolkhorst, State Senator, Texas Senate
The Honorable Adam Hinojosa, State Senator, Texas Senate
The Honorable Todd A. Hunter, State Representative, Texas House of Representatives
The Honorable J. M. Lozano, State Representative, Texas House of Representatives
The Honorable Denise Villalobos, State Representative. Texas House of Representatives
The Honorable Paulette M. Guajardo, Mayor, City of Corpus Christi
The Honorable Roland Barrera, Council Member, City of Corpus Christi
The Honorable Mark Scott, Council Member, City of Corpus Christi
The Honorable Carolyn Vaughn, Council Member, City of Corpus Christi
The Honorable Everett Roy, Council Member, City of Corpus Christi
The Honorable Sylvia Campos, Council Member, City of Corpus Christi
The Honorable Eric Cantu, Council Member, City of Corpus Christi
The Honorable Kaylynn Paxson, Council Member, City of Corpus Christi
The Honorable Gil Hernandez, Council Member, City of Corpus Christi

Attachment: IHWTC Total Cost One-pager

Total Spent to Date

Company	Total Spent to Date
Freese and Nichols	$13,219,776
Kiewit	$16,663,441
Other Contracts	$3,990,138
Total	$33,873,355

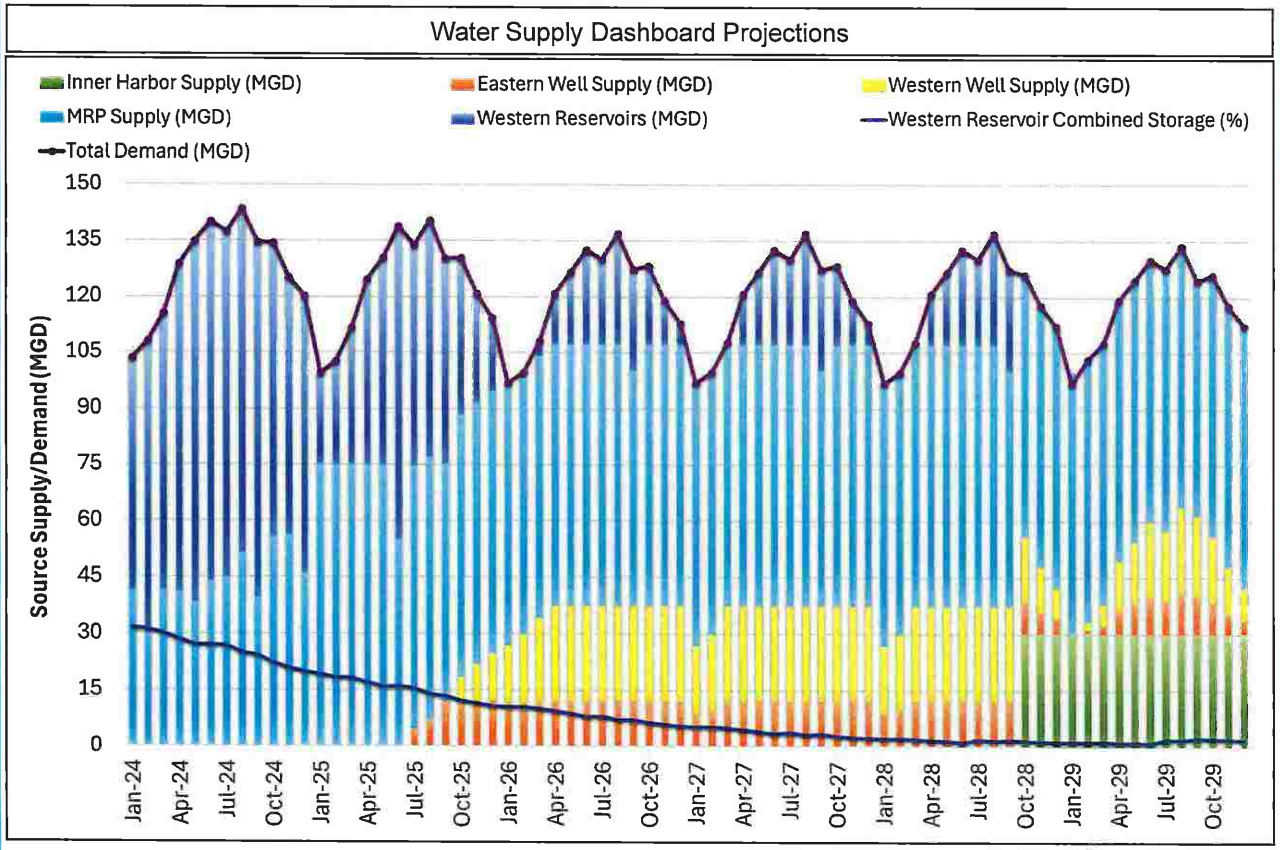
Total Spent to Date w/ Total Remaining Encumbrances

Company	Spent to Date	Total Remaining Encumbrance	Combined Total
Freese and Nichols	$13,219,776	$8,161,963	$21,381,739
Kiewit	$16,663,441	$30,971,737	$47,635,178
Other Contracts	$3,990,138	$62,659	$4,052,797
Total	$33,873,355	$39,196,359	$73,069,714

Figures based on initial contracts approved in 2015 through June 30, 2025

Attachment: Carollo Water Supply Dashboard with IHWTC

Reservoir Capacity Projections



	Eastern Wellfield	Western Wellfield	Inner Harbor
Anticipated Volume (MGD)	Near Term: **11** Long Term: **11**	Near Term: **27** Long Term: **17**	Long Term: **30**
Date online	August 2025	April 2026	October 2028
Projected Date of ZERO water in LCC and CCR	May 2027	May 2029	Never

CCW

Attachment: INTERA Groundwater Assessment for NR Groundwater Project

INTERA Incorporated
9600 Great Hills Trail, Suite 300W
Austin, TX 78759
+1 (512) 425 2000
INTERA.com

August 18, 2025

Nicholas Winkelmann, P.E.
City of Corpus Christi
2726 Holly Road
Corpus Christi, TX 78415

RE: City of Corpus Christi Nueces Groundwater Program

Development and Application of a Groundwater Model to Predict Impacts Caused by the the Production of Brackish Groundwater from the Proposed Eastern and Western Well Fields in Nueces County

Dear Mr. Winkelmann,

Attachment A provides a high-level summary of the development and application of INTERA's groundwater model to predict impacts caused by the production of brackish groundwater from the proposed Eastern and Western well fields in Nueces County.

If the City of Corpus Christi has any questions or comments, please contact me. My contact information is: syoung@intera.com and (512)-635-0059.

Sincerely,

INTERA Incorporated

Steven C Young

Steven Young
Project Manger

ATTACHMENT A

Development and Application of a Groundwater Model to Predict Impacts Caused by the Production of Brackish Groundwater from the Proposed Eastern and Western Well Fields in Nueces County

Development of Groundwater Model

INTERA Inc. is developing a groundwater model ("INTERA model") to help manage pumping impacts associated with future production of brackish groundwater from the City's Eastern and Western well fields in Nueces County. Figures 1 and 2 show the model domain, the model grid cells, and the proposed well locations associated with the two well fields. The INTERA model uses ten layers to represent the Chicot and Evangeline aquifers. Figure 3 shows an example of the discretization associated with the ten model layers. The Texas Water Development Board (TWDB) groundwater availability model (GAM) uses only two aquifer layers to represent the two aquifers.

The INTERA model will have more than ten times the number of grid cells in the modeled area than the GAM, which is used by state agencies to predict groundwater drawdowns in Nueces County. Refinement in the model grid cell sizes improves a model's capability to accurately represent the spatial differences in the site hydrogeology and the locations of wells. For instance, whereas the INTERA model will be able to predict water levels at up to seven different elevations in the Evangeline Aquifer, the GAM can predict only a single value of water level for the entire Evangeline Aquifer. So whereas the GAM can only predict an "average" water level value for the Evangeline Aquifer, the INTERA model can predict the variation in water levels that occur across the thickness of the Evangeline Aquifer. The vertical refinement in the INTERA model translates into a capability to provide credible predictions of water level change in a well screened across a different a portion of an aquifer than where the aquifer is being pumped. This capability is important because the City's production wells are typically screened at depths between 400 to 800 ft below ground surface (bgs) whereas the majority of the existing wells, which are for domestic and livestock use, are screened between 100 and 250 ft bgs.

All groundwater models must be properly calibrated before they can provide useful predictions. Model calibration involves adjusting aquifer properties in the model based on field-measured values until the model predictions provide acceptable matches to measured water levels. The INTERA model has been developed using a workflow that supports recalibrations as new information becomes available. Among the field data being used to calibrate the model are measured water levels and results from aquifer pumping tests performed at the City's production wells. The Eastern well field pumping tests have been completed, and the data is included in the model. The next model calibration will include water levels and estimates of aquifer hydraulic properties from the first aquifer pumping test performed on a production wells located in the Western well field.

Application of Groundwater Model

As the calibration of the INTERA model proceeds, interim versions of the model are being used to predict drawdowns caused by production from the City's well fields. The INTERA model is not anticipated to be completed until its calibration includes data from at least seven aquifer pumping tests performed on wells in the Western well field. The current version of the INTERA model has been used to make several predictions of drawdowns caused by production from the City's well fields.

One of the model applications was to simulate the impacts of pumping 15 MGD from the Eastern well field for three years. Preliminary model results show that pumping water levels are suitable for production andt the drawdowns caused by the Eastern wellfield would not impair the production capability of existing residential, livestock, and agricultural wells.

Another of the model applications was to evaluate the sustainability of continuously pumping both the Western and Eastern well fields for 30 years. The simulation indicates that the safe yield is approximately 11 MGD and about 17 MGD for the Eastern well field and Western well field, respectively.

On-going Activities with Groundwater Model

Over the next several months, on-going activities with the INTERA model will include developing tools to visualize the model properties and simulated water levels, recalibrations of the model using data from the Western well field, and predictions of the impacts caused by production from the City's two well fields. Currently, well log and geophysical data has been provided from the Western well field. Additionally, INTERA anticipates receiving results of aquifer testing the first western production well in one to two weeks. All well information and pumping data obtained will be utilized to continually update and further calibrate the model. Following a recalibration of the INTERA model, INTERA will reassess the safe yields with considerations to potential impacts to existing wells.

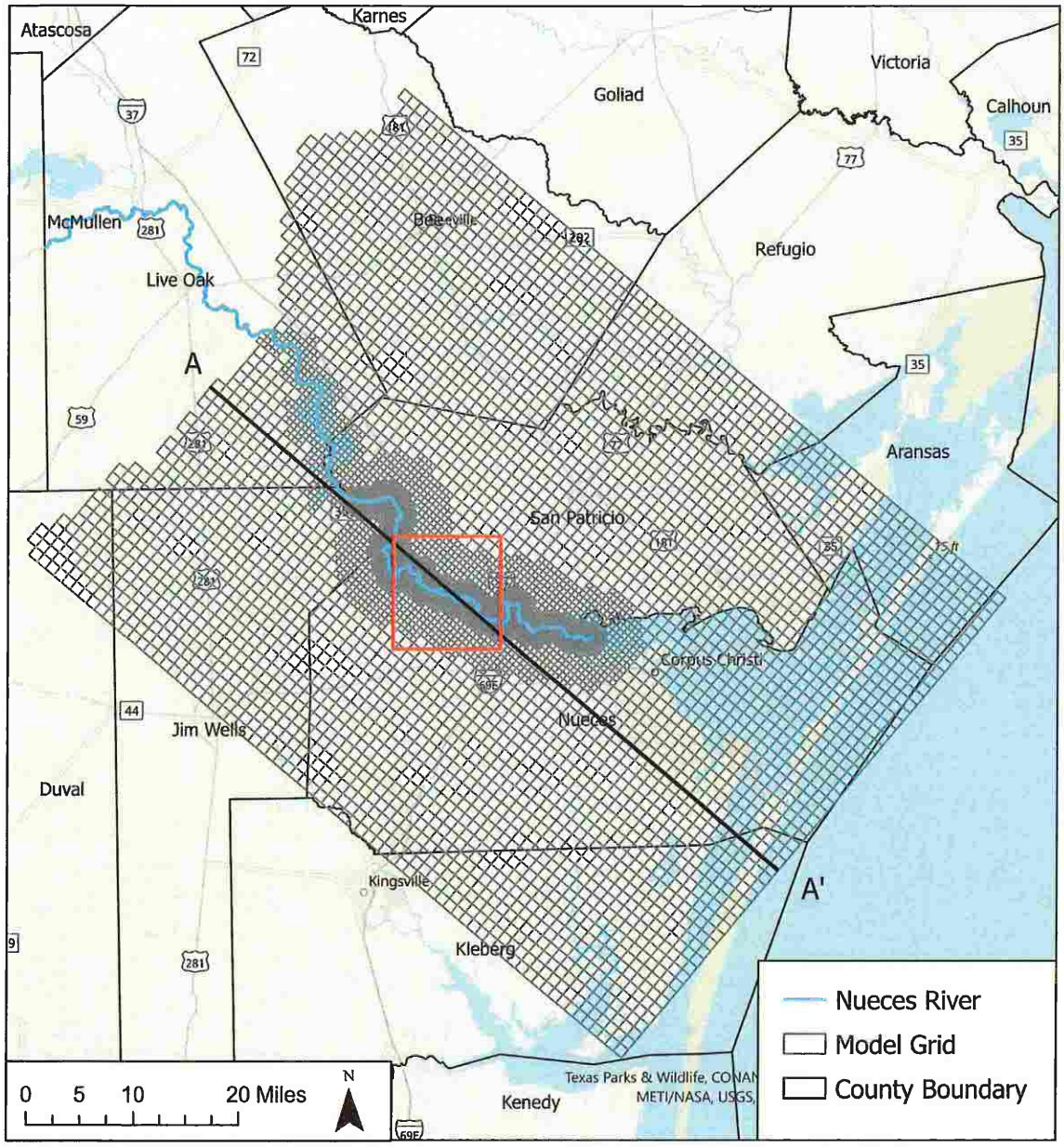


Figure 1. The area covered by the INTERA model.

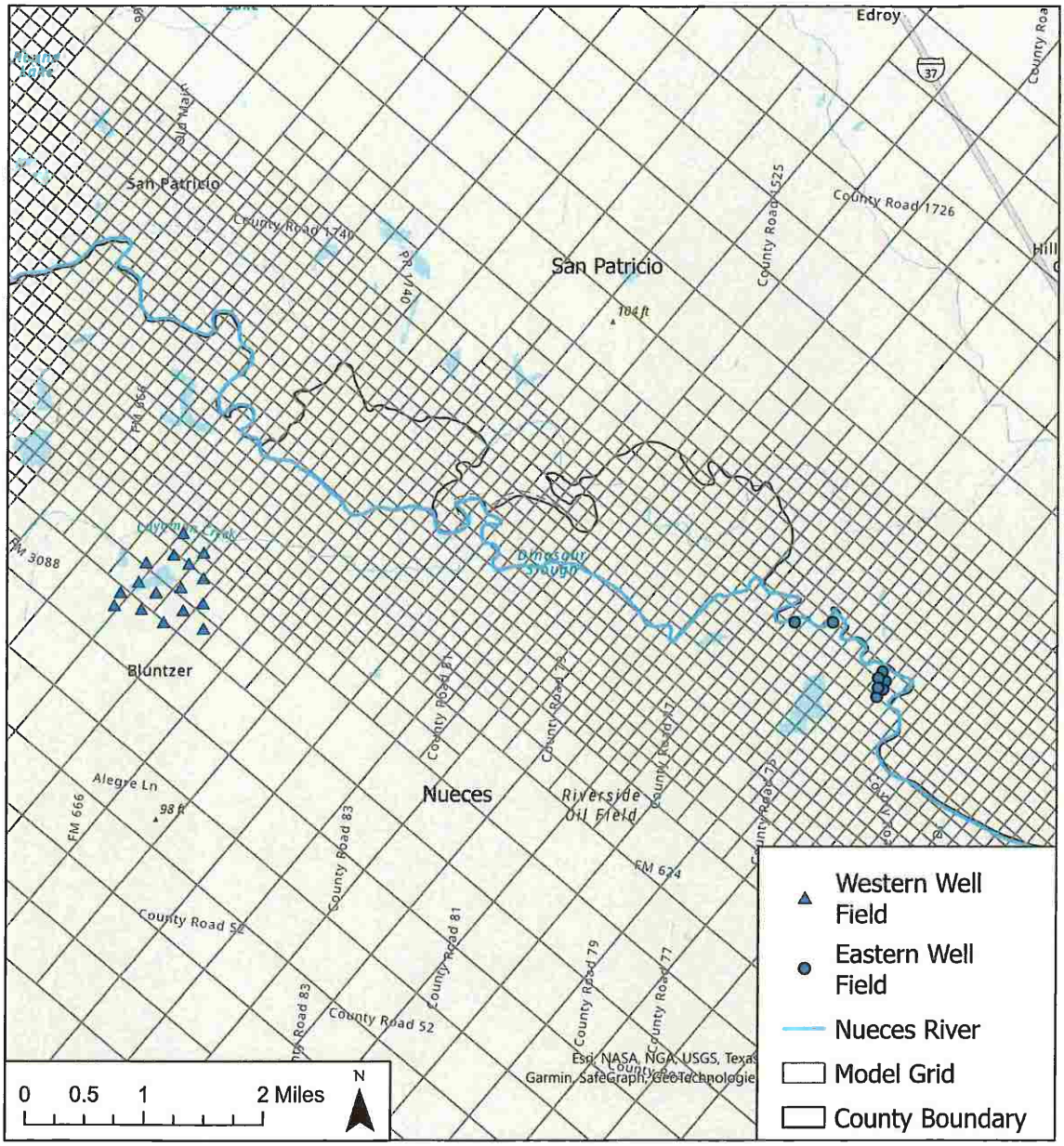


Figure 2. The INTERA model grid for the red rectangle in Figure 1 and the location of existing producton wells in the Eastern well field and estimated locations for the production wells in the Western well field

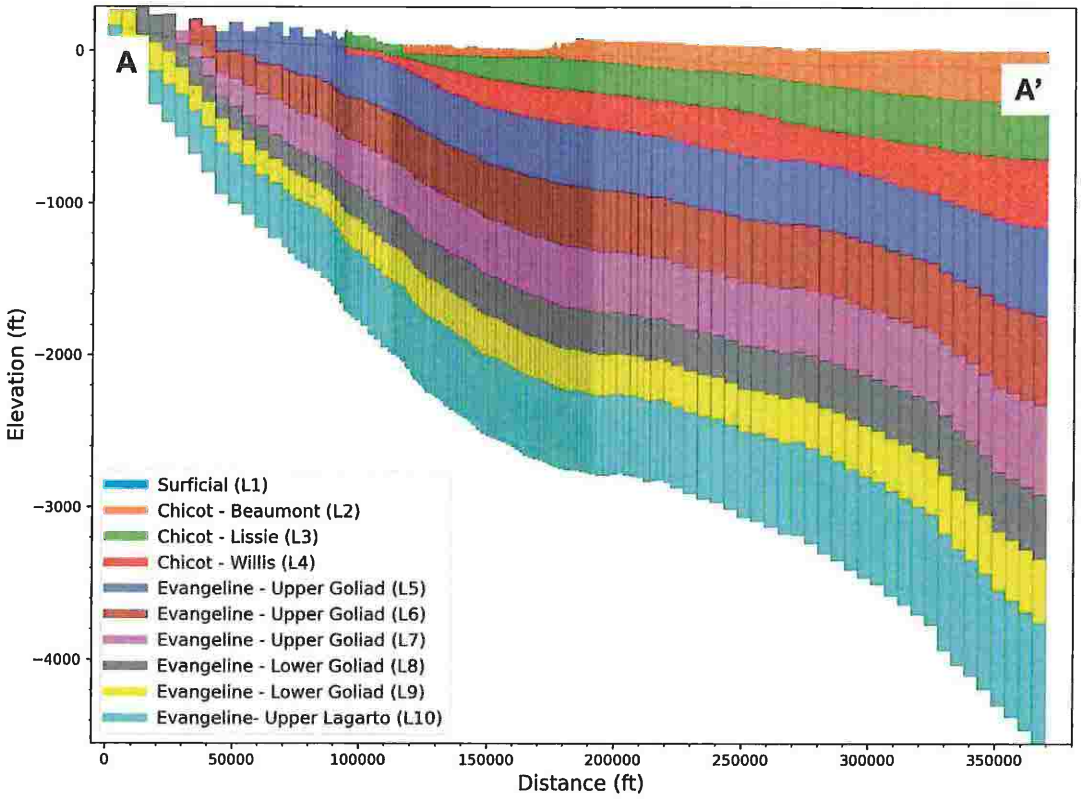


Figure 3. Vertical cross-section of the INTERA model along transect A-A' in Figure 1.

Attachment: Resolution for Sinton and SPC Citizens' Water Rights

Resolution to Support Sinton and San Patricio County Residents' Water Rights

A Resolution Declaring Commitment to the City of Sinton and San Patricio County Residents' Water Rights

WHEREAS, the Coastal Bend region is experiencing severe drought conditions, with water levels critically low and future water supply projects still years from completion; and

WHEREAS, access to reliable water supplies is essential for the economic stability, industrial growth, public health, and overall prosperity of the Coastal Bend region; and

WHEREAS, cities, counties, industries, and economic leaders throughout the Coastal Bend have historically pursued individual water solutions, which has resulted in fragmentation and a failure to secure the level of state and federal funding necessary to meet the region's growing water needs; and

WHEREAS, the City of Corpus Christi on August 12, 2025 approved a plan to buy water rights from the Evangeline Groundwater Project in San Patricio County in the amount of 25.4 million gallons per day ("MGD"); and

WHEREAS, the City of Corpus Christi's decision to tap into groundwater resources in San Patricio County poses significant risks to local farmers and residents of Sinton by threatening the local water supply.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. San Patricio County formally joins the City of Sinton to express concerns that the 25.4 MGD project poses significant risks to local farmers and residents of Sinton by threatening the local water supply.

2. San Patricio County is formally opposed to any misuse of the water out of the Evangeline Groundwater Project that would result in the loss of the local water supply, including the use of 25.4 MGD of water out of the Evangeline Aquifer.

3. San Patricio County publicly supports a unified strategy to identify, advocate for, and implement long-term water supply solutions, including desalination, groundwater development, aquifer development, inter-basin water transfers, and infrastructure investment.

PASSED AND APPROVED THIS 25th DAY OF AUGUST, 2025.

_____
David Krebs, County Judge

_____
William Zagorski Sr, Commissioner, Pct 1

_____
Tom Yardley, Commissioner, Pct 2

_____
Ruben Gonzales, Commissioner, Pct 3

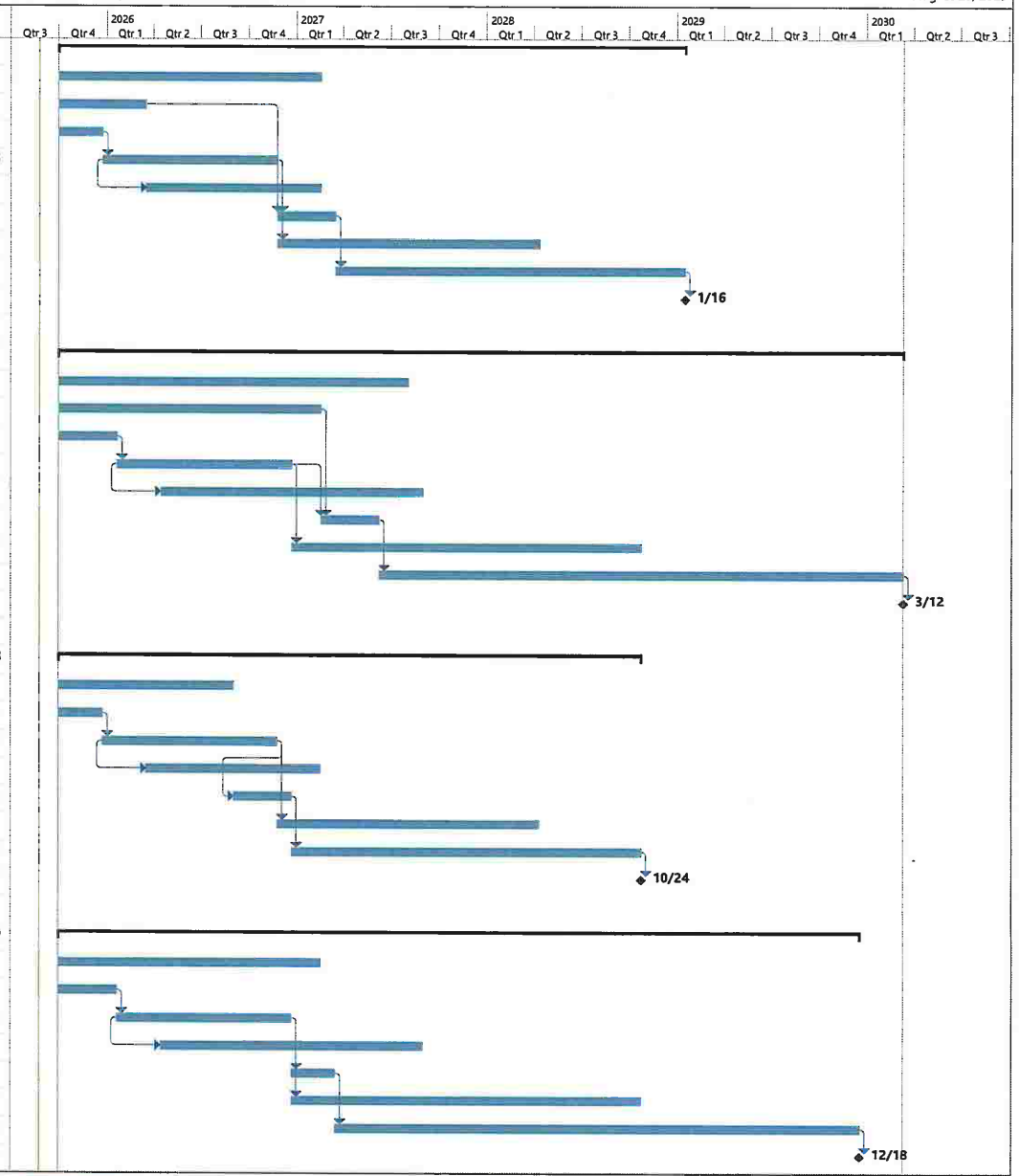
_____
Howard Gillespie, Commissioner, Pct 4

ATTESTED BY:

_____
Gracie Alaniz-Gonzales, County Clerk

Attachment: Garver's Timeline for Evangeline & NR Groundwater Projects

ID	Task Name	Duration	Start	Finish
1	**Approach 1: Evangeline - 12 MGD (Best Possible Timeline)**	**860 days**	**Wed 10/1/25**	**Tue 1/16/29**
2	Task 1 - Electrical Service to Sites	18 mons	Wed 10/1/25	Tue 2/16/27
3	Task 2 - Groundwater conservation district permitting	6 mons	Wed 10/1/25	Tue 3/17/26
4	Task 3 - Selection and approval of engineer	3 mons	Wed 10/1/25	Tue 12/23/25
5	Task 4 - Engineering	12 mons	Wed 12/24/25	Tue 11/24/26
6	Task 5 - Boundary Surveys and Easement Acquisition	12 mons	Wed 3/18/26	Tue 2/16/27
7	Task 6 - Bid Phase	4 mons	Wed 11/25/26	Tue 3/16/27
8	Task 7 - Pre procurement of long lead equipment	18 mons	Wed 11/25/26	Tue 4/11/28
9	Task 8 - Construction	24 mons	Wed 3/17/27	Tue 1/16/29
10	Project complete	0 days	Tue 1/16/29	Tue 1/16/29
11				
12	**Approach 2: Evangeline - 12 MGD (More Likely Timeline)**	**1160 days**	**Wed 10/1/25**	**Tue 3/12/30**
13	Task 1 - Electrical Service to Sites	24 mons	Wed 10/1/25	Tue 8/3/27
14	Task 2 - Groundwater conservation district permitting	18 mons	Wed 10/1/25	Tue 2/16/27
15	Task 3 - Selection and approval of engineer	4 mons	Wed 10/1/25	Tue 1/20/26
16	Task 4 - Engineering	12 mons	Wed 1/21/26	Tue 12/22/26
17	Task 5 - Boundary Surveys and Easement Acquisition	18 mons	Wed 4/15/26	Tue 8/31/27
18	Task 6 - Bid Phase	4 mons	Wed 2/17/27	Tue 6/8/27
19	Task 7 - Pre procurement of long lead equipment	24 mons	Wed 12/23/26	Tue 10/24/28
20	Task 8 - Construction	36 mons	Wed 6/9/27	Tue 3/12/30
21	Project complete	0 days	Tue 3/12/30	Tue 3/12/30
22				
23	**Approach 3: Nueces River BWRO - 12 MGD (Best Possible Timeline)**	**800 days**	**Wed 10/1/25**	**Tue 10/24/28**
24	Task 1 - Electrical Service to Sites	12 mons	Wed 10/1/25	Tue 9/1/26
25	Task 2 - Selection and approval of engineer	3 mons	Wed 10/1/25	Tue 12/23/25
26	Task 3 - Engineering	12 mons	Wed 12/24/25	Tue 11/24/26
27	Task 4 - Boundary Surveys and Easement Acquisition	12 mons	Wed 3/18/26	Tue 2/16/27
28	Task 5 - Bid Phase	4 mons	Wed 9/2/26	Tue 12/22/26
29	Task 6 - Pre procurement of long lead equipment	18 mons	Wed 11/25/26	Tue 4/11/28
30	Task 7 - Construction	24 mons	Wed 12/23/26	Tue 10/24/28
31	Project complete	0 days	Tue 10/24/28	Tue 10/24/28
32				
33	**Approach 4: Nueces River BWRO - 12 MGD (More Likely Timeline)**	**1100 days**	**Wed 10/1/25**	**Tue 12/18/29**
34	Task 1 - Electrical Service to Sites	18 mons	Wed 10/1/25	Tue 2/16/27
35	Task 2 - Selection and approval of engineer	4 mons	Wed 10/1/25	Tue 1/20/26
36	Task 3 - Engineering	12 mons	Wed 1/21/26	Tue 12/22/26
37	Task 4 - Boundary Surveys and Easement Acquisition	18 mons	Wed 4/15/26	Tue 8/31/27
38	Task 5 - Bid Phase	3 mons	Wed 12/23/26	Tue 3/16/27
39	Task 6 - Pre procurement of long lead equipment	24 mons	Wed 12/23/26	Tue 10/24/28
40	Task 7 - Construction	36 mons	Wed 3/17/27	Tue 12/18/29
41	Project complete	0 days	Tue 12/18/29	Tue 12/18/29



Project: Corpus Christi Schedule
Date: Mon 8/25/25

Task	Project Summary	Manual Task	Start-only	Deadline
Split	Inactive Task	Duration-only	Finish-only	Progress
Milestone	Inactive Milestone	Manual Summary Rollup	External Tasks	Manual Progress
Summary	Inactive Summary	Manual Summary	External Milestone	