

Petition to the Corpus Christi Aquifer Storage and Recovery Conservation District to include City properties within the District boundaries

Esteban Ramos

Water Resource Manager

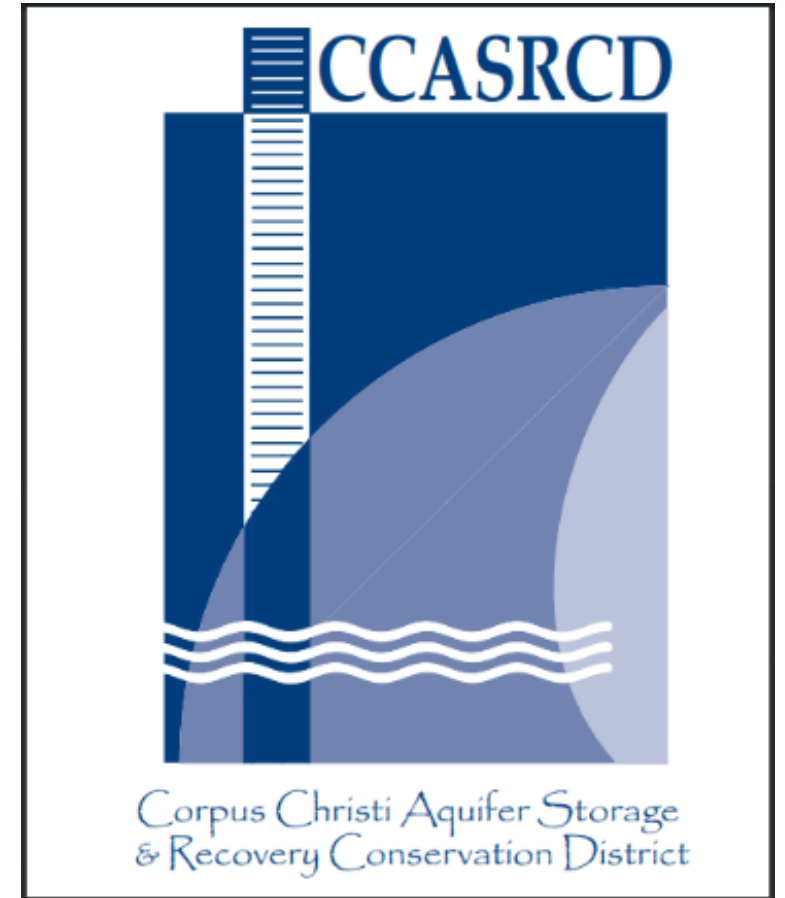
October 21, 2025



Corpus Christi Aquifer Storage and Recovery Conservation District

The Corpus Christi Aquifer Storage and Recovery Conservation District (District) is a regional water management entity dedicated to the sustainable use, protection, and enhancement of groundwater resources in the Corpus Christi area and surrounding communities.

The District focuses on Groundwater Conservation and Aquifer Storage and Recovery (ASR)—a method of storing excess surface water in underground aquifers during times of surplus for later recovery and use during periods of drought or high demand.



Corpus Christi Aquifer Storage and Recovery Conservation District

What is CCASRCD:

The CCASRCD or District, is a groundwater conservation district (GCD) created in 2005 in Senate Bill No. 1831 and in accordance with Texas Water Code (TWC) Chapter 36.

Boundaries:

The boundaries of the District are described in Senate Bill No. 1831 to be coextensive with the City of Corpus Christi city limits. Also include areas outside of the City limits.

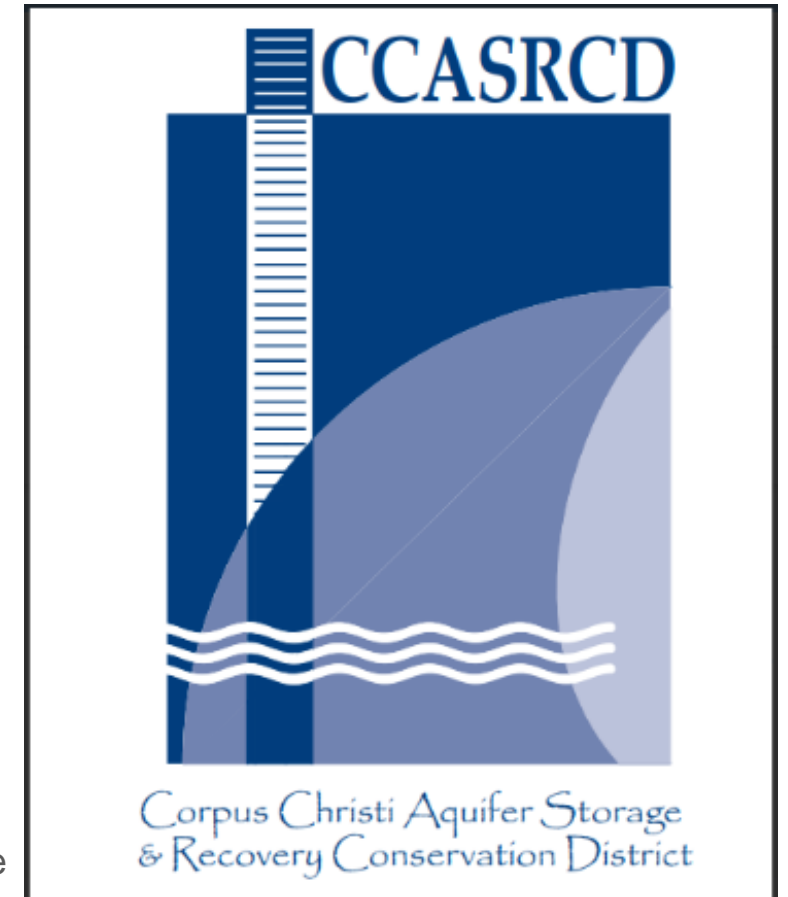
Management:

Through an interlocal agreement, the City and District cooperatively manage, operate, and administer activities of the District.

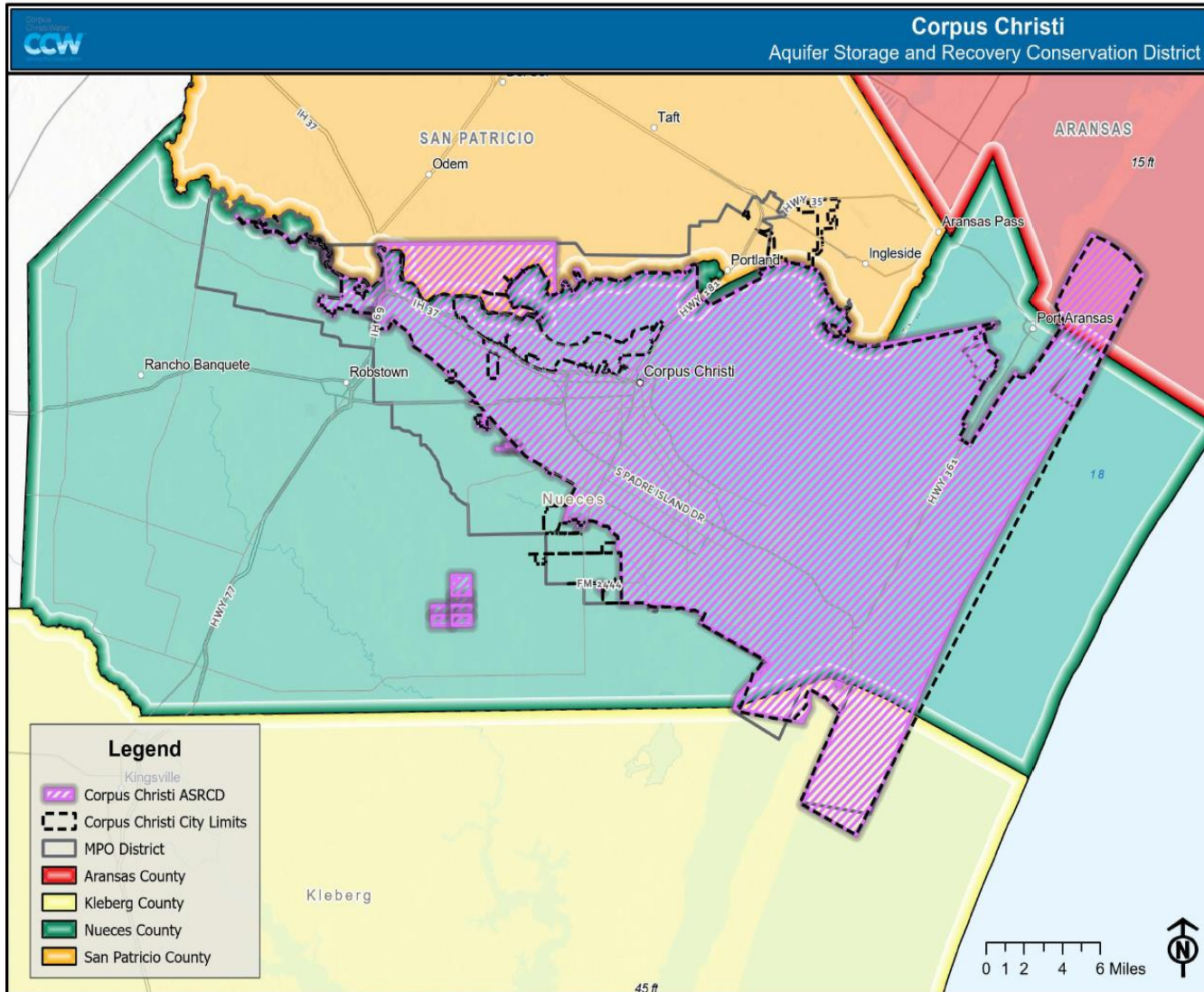
Board Members:

The District is governed by a Board of Directors (Board), comprised of 5 members elected to 4-year terms.

The Board elects officers annually and the officers must be confirmed by the Corpus Christi City Council. If a vacancy occurs, then the Board may appoint a Director to serve the remainder of the term.



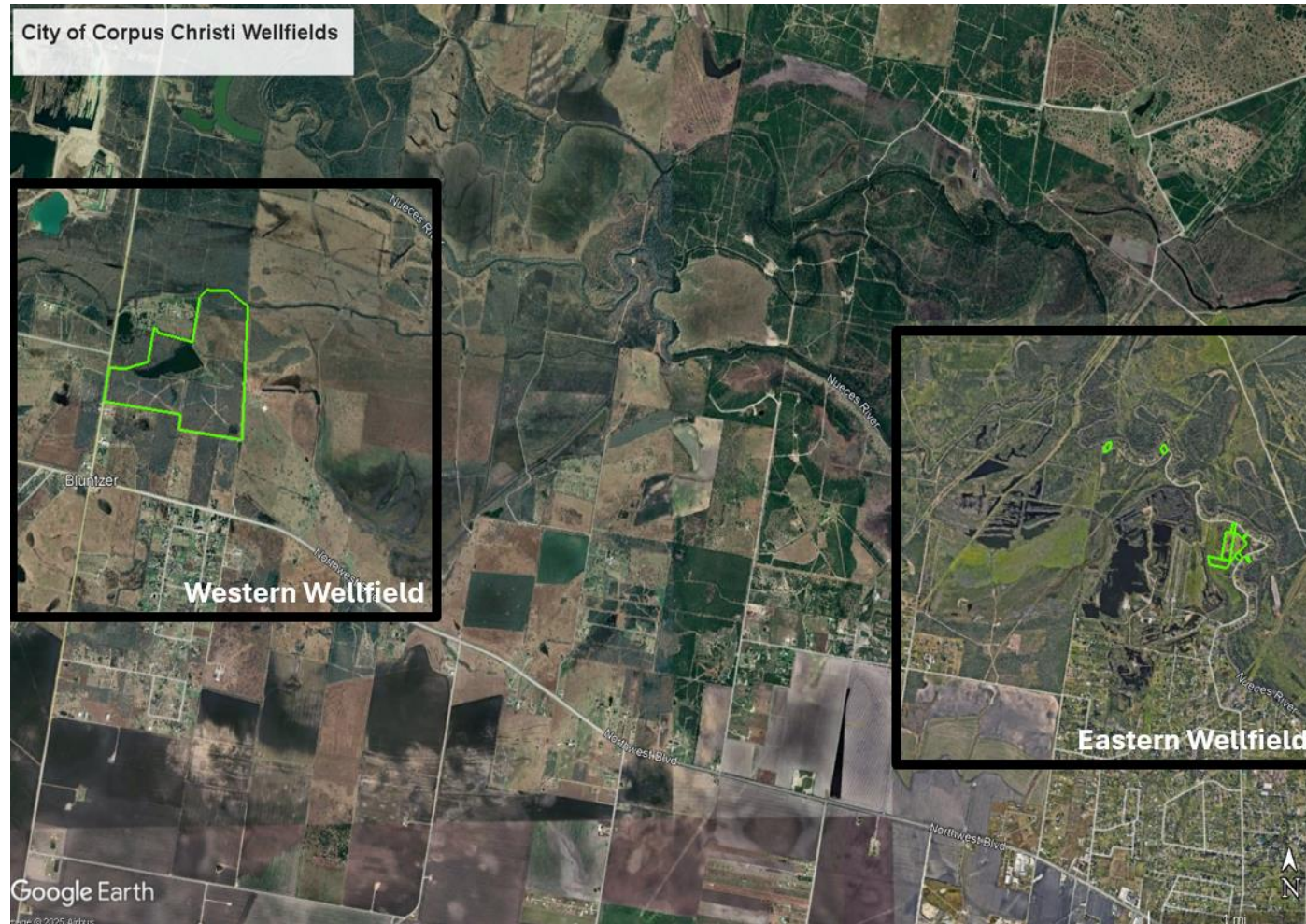
CCASRCD



Core Objectives

- **Protect Groundwater Quality:** Monitor and manage recharge and recovery to maintain aquifer health.
- **Support Regional Planning:** Collaborate with municipalities, utilities, and stakeholders to align with regional water plans.
- **Enhance Water Supply Reliability:** Utilize ASR to balance seasonal and long-term water availability.
- **Promote Public Awareness:** Educate the public and decision-makers on the benefits and science of ASR.
- **Ensure Regulatory Compliance:** Operate within state and federal guidelines to maintain environmental and legal integrity.

Nueces River Groundwater Wells



Proposal:

City proposal to petition requesting inclusion of certain City-owned property into the Corpus Christi Aquifer Storage and Recovery Conservation District.

The property included in the petition is the City owned property which encompasses the Eastern and Western Well Fields (**outlined in green**)

Nueces River Groundwater Wells

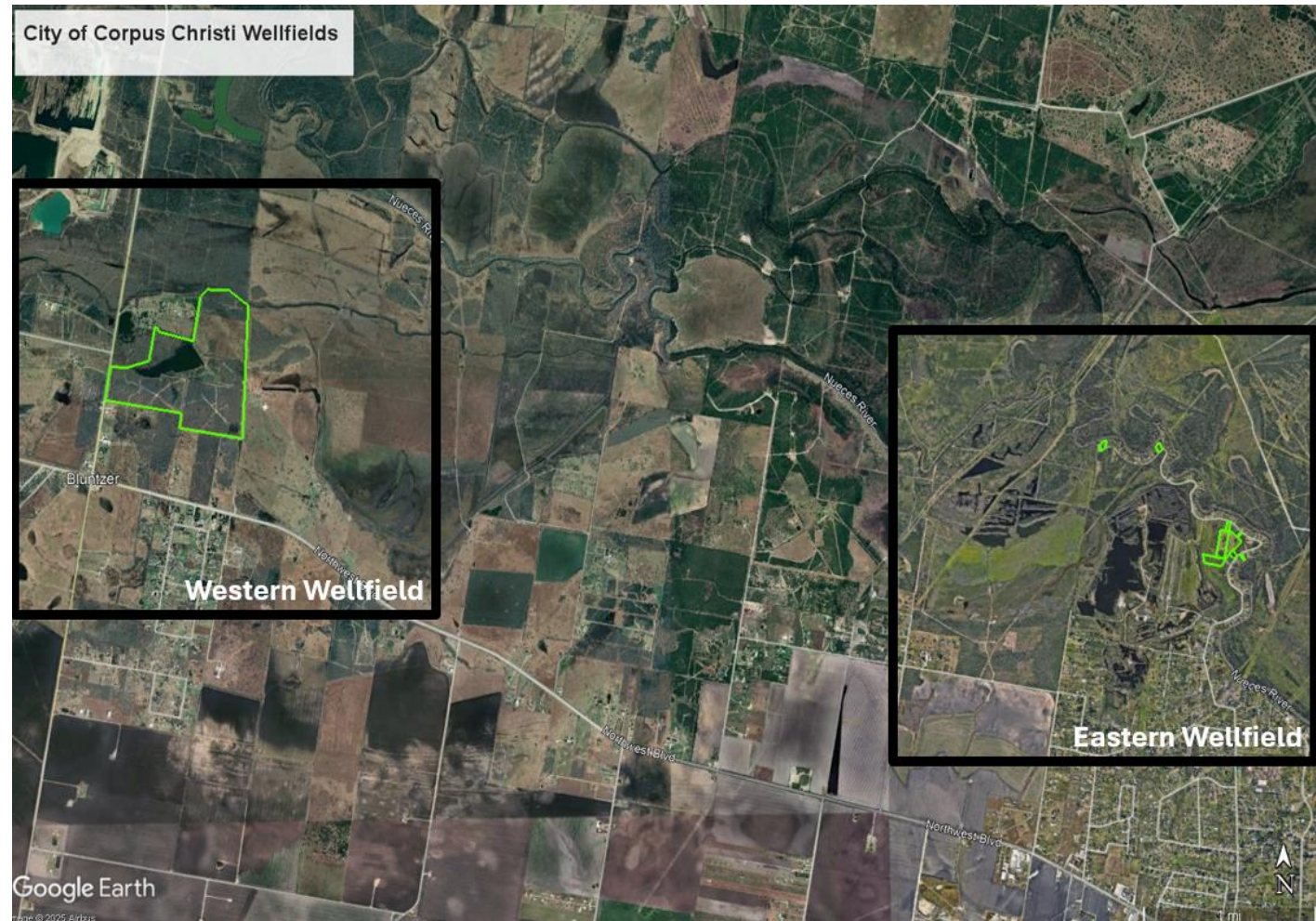
Advantage of the Inclusion:

The City and the District each benefit by including the property into the District.

The initial District territory was intended to include, among other territory, all property in Nueces County that is owned by the City.

Inclusion of the property into the District gives the District the ability to manage the City's groundwater resources and assets uniformly and in the same manner as the other groundwater resources within its jurisdiction.

The City benefits by having its Nueces County groundwater resources subject to a single regulatory body, bringing consistency and predictability to the City's management of its groundwater resources.



Nueces River Groundwater Wells Water Supply Projects

Eastern Well Field

- Permits – Bed & Bank Permit secured on August 7, 2025
- Wells No. 1-8 drilled, discharging up to 8 MGD
- Well No. 1 Modifications Complete
- Long-term sustainable pumping is approx. 11 MGD

Western Well Field

- Bed and Banks Permit – Ongoing analysis and Nueces River Investigation
- Well No. 9 permanent pump has been designed, Well No. 10 pump testing complete, and pump is being designed, Well No. 11 drilling complete, Well No. 12 drilling on-going
- Interior Well Field Piping in progress
- Long-term sustainable pumping is approx. 17 MGD

\$30M grant funding secured from the State of Texas



Staff Recommendation

Resolution to authorize petitions and other appropriate information and documents to be submitted to the Corpus Christi Aquifer Storage and Recovery Conservation District to include city-owned properties in the district under Texas Water Code section 36.321.

