

Water Supply Projects Update

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February 10, 2026



Discussion Topics

- National Weather Service Update
- Surface Water Supply Lake Texana
- Groundwater Supply Nueces Groundwater Program
- Wastewater Reuse
- Inner Harbor Seawater Desalination
- Harbor Island Seawater Desalination
- Securing Water Website



National Weather Service Update

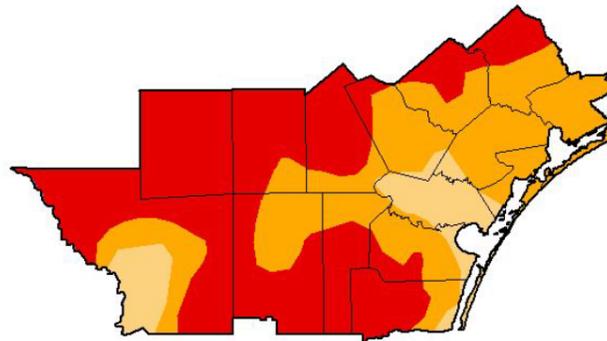


Texas Current Drought Conditions

February 9, 2026
9:08 AM

U.S. Drought Monitor Corpus Christi, TX WFO

- **Extreme Drought** - Most of the Brush Country and Coastal Plains
 - Includes Choke Canyon
- **Severe Drought** - Portions of the Coastal Plains and Coastal Bend
 - Includes Lake Corpus Christi and Lake Texana
- **Moderate Drought** - Portions of Webb county and San Patricio.
- **Abnormally Dry** - None.



February 3, 2026
(Released Thursday, Feb. 5, 2026)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	100.00	90.10	54.29	0.00
Last Week 01-27-2026	0.00	100.00	100.00	90.10	54.29	0.00
3 Months Ago 11-04-2025	0.00	100.00	89.37	33.57	0.00	0.00
Start of Calendar Year 01-06-2026	0.00	100.00	100.00	83.57	33.92	0.00
Start of Water Year 09-30-2025	3.40	96.60	46.88	11.50	1.10	0.00
One Year Ago 02-04-2025	0.00	100.00	84.57	9.99	0.00	0.00

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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National Drought Mitigation Center



droughtmonitor.unl.edu

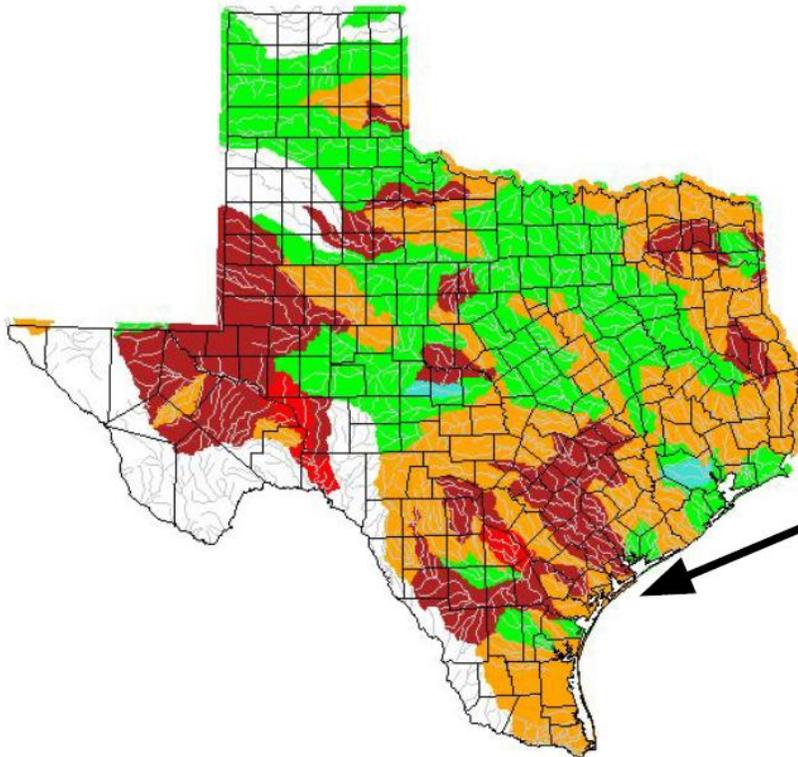
National Weather Service Update



7-Day Streamflow Anomaly

February 9, 2026
9:08 AM

Sunday, February 08, 2026



Below normal to much below normal streamflow anomalies across the watershed.

Explanation - Percentile classes								
Low	<10	10-24	25-75	76-90	>90	High	No Data	
	Much below normal	Below normal	Normal	Above normal	Much above normal			



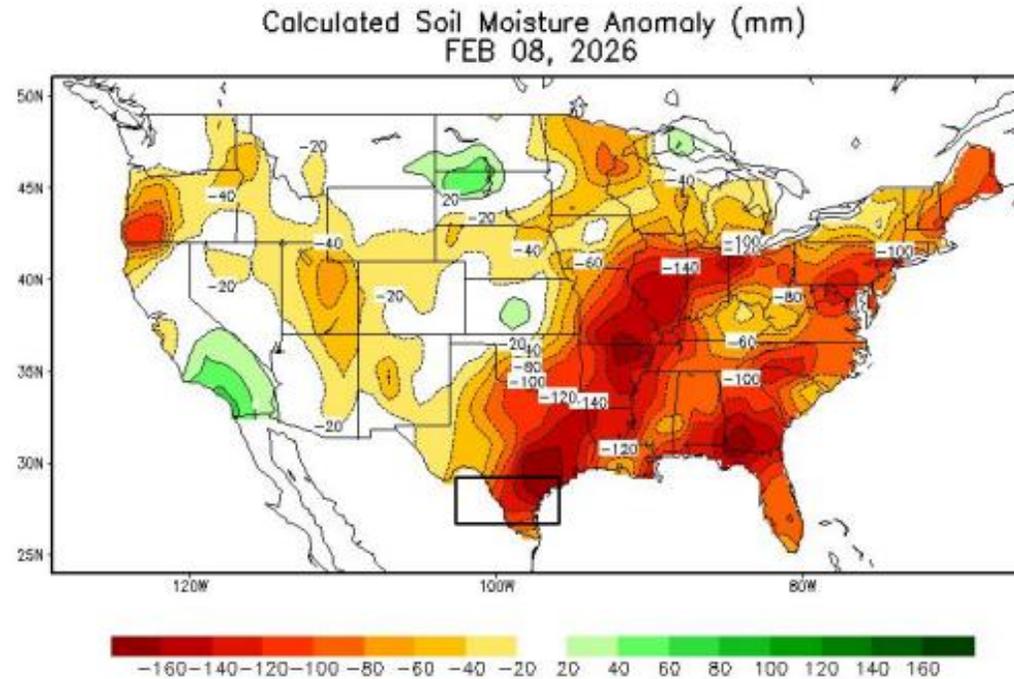
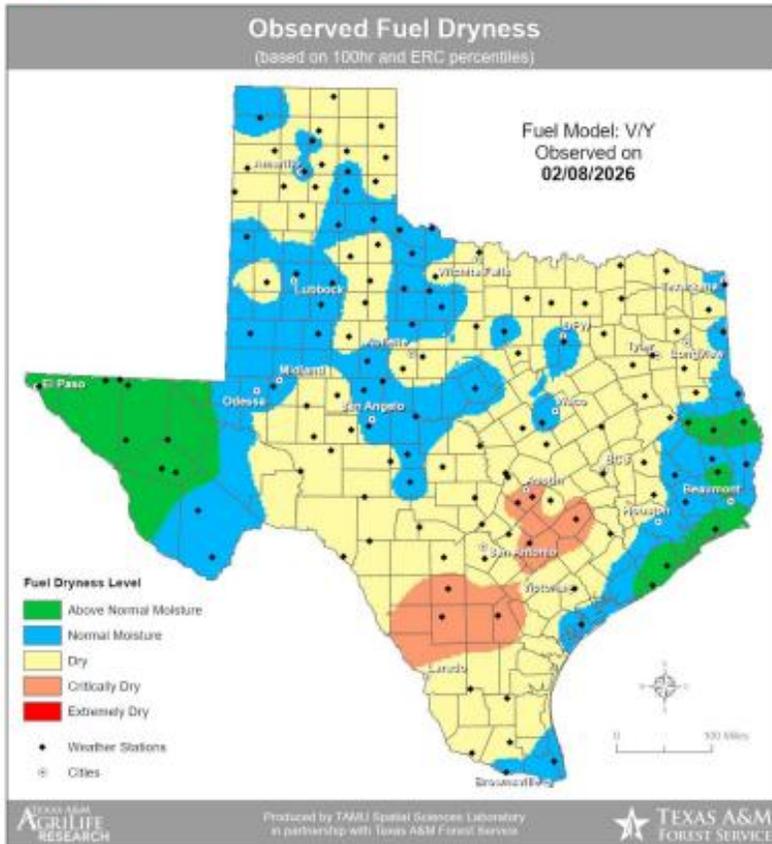
National Weather Service
Corpus Christi, TX

National Weather Service Update



Fuel Dryness & Soil Moisture

February 9, 2026
9:08 AM



National Weather Service Update

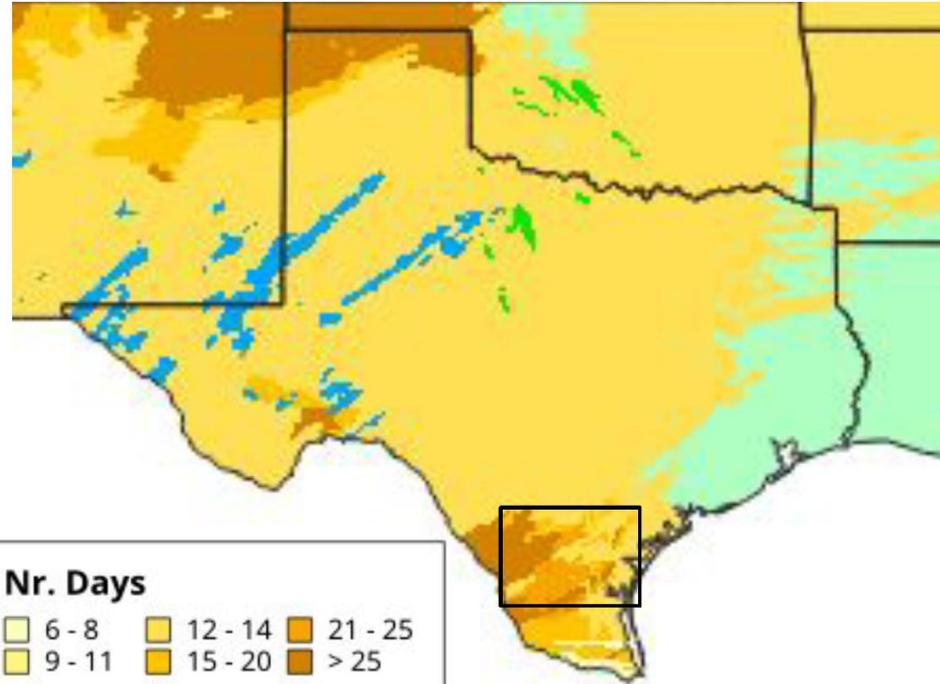


Number of Days Since Rain

February 9, 2026

9:08 AM

- Approaching > 25 Days for much of South Texas
- More than 25 days for portions of the watershed.



* Dry Day is rainfall < 0.04 in.

National Weather Service Update

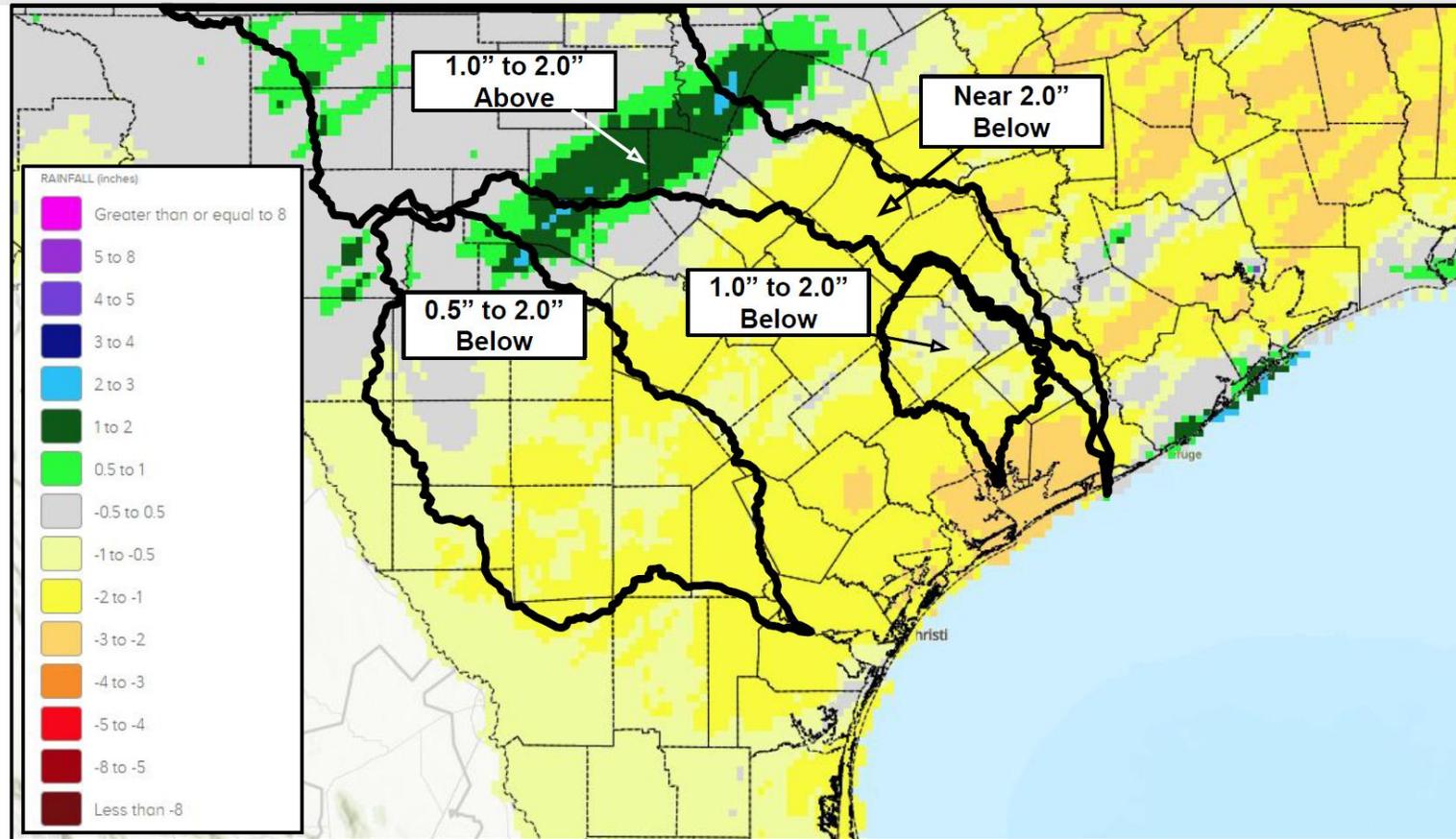


January Rainfall (Observed versus Normal)

February 2, 2026

9:10 AM

For the Nueces, Lavaca-Navidad, and Colorado River Basins



Surface Water Supply Lake Texana

- An extended dry period is forecasted
- Historically, rain typically occurs in March/April
- Reservoir capacity is projected to reach 50% by April 11 if no additional inflows occur, requiring a 10% reduction in water usage
- Weekly updates provided to CCW by the Lavaca-Navidad River Authority (LNRA)
- Monthly meetings scheduled with LNRA and Formosa

February 9, 2026

At 1000 hours this date	2025	2024
Elevation Lake Texana	36.66	39.04
Release (cubic feet per second)	0	0
Reservoir Capacity (acre-feet)	99, 875	118, 424
Reservoir Capacity (percent)	61	72

LAVACA-NAVIDAD RIVER AUTHORITY FORECASTING OF RESERVOIR WATER SUPPLY (FOR ESTIMATING ONLY)

ENTER START DATE OF FORECAST: 5-Feb-26
 ENTER CORRESPONDING LAKE ELEVATION: 36.78 MSL
 100,759 AF or 61.33% Reservoir Capacity

ENTER CURRENT RESERVOIR CONDITIONS DATA TO BE USED IN BOXES BELOW.

Avg Daily Inflow (AF)	Avg Daily Rainfall (INCHES)	Avg Daily Evaporation (INCHES)	Avg Daily B&E (AF)	Avg Daily East M&I (AF)	Avg Daily West M&I (AF)
3.19	0.000	0.174	0.00	88.43	137.98

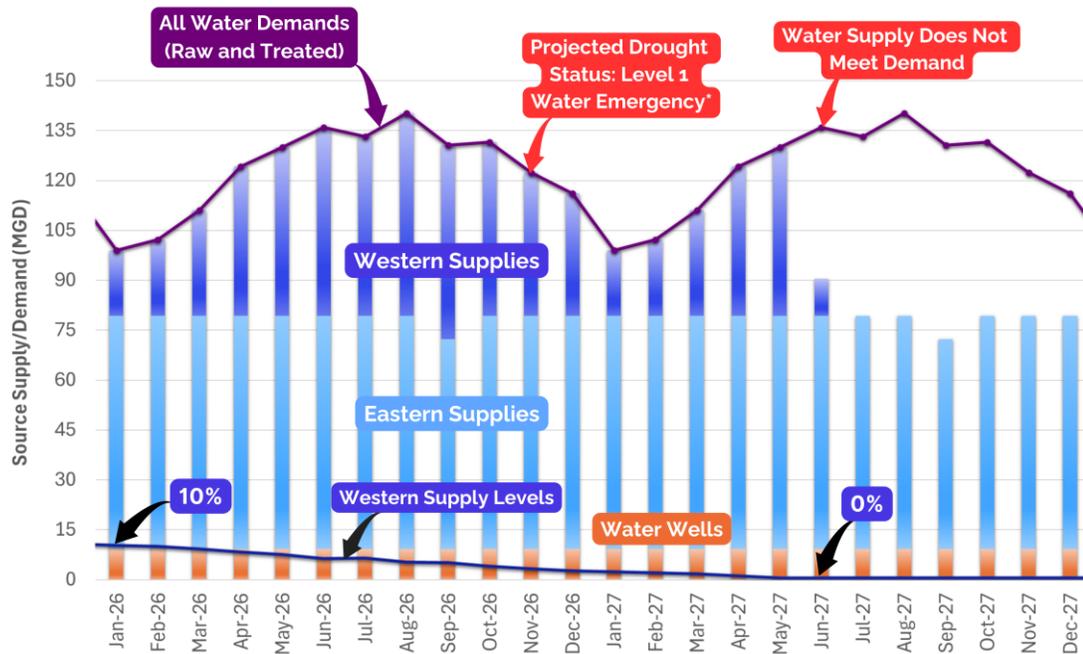
142.4 cfs Agreement rate maximum

- OR days Enter any trigger elevation here
- N/A OR N/A days ELV 43.00' MSL ~ End of Interruptible water delivery trigger
- N/A OR N/A days ELV 40.23' MSL ~ Begin using 5 cfs for the B&E daily agreement rate maximum
- 8-Apr-26 OR 62 days ELV 34.09' MSL ~ 50% capacity, begin drought contingency plan water restrictions
- 4-Jun-26 OR 119 days ELV 31.33' MSL ~ 40% capacity, next step in water restrictions
- 2-Aug-26 OR 178 days ELV 28.10' MSL ~ 30% capacity, next step in water restrictions
- 1-Oct-26 OR 238 days ELV 24.27' MSL ~ 20% capacity, next step in water restrictions

Surface Water Supply Lake Corpus Christi & Choke Canyon Reservoir

Daily Reservoir and Pass-Thru Status Report February 10, 2026

- Lake Corpus Christi capacity is 10.9%
- Choke Canyon Reservoir capacity is 8.8%
- Combined Capacity is 9.4%



Lake Corpus Christi



October 2021



October 2025

Nueces Groundwater Program

Eastern Well Field

- Well field is substantially complete and operating per the conditions of the Bed and Banks Permit
- Current expenditures: \$16,940,608*

Western Well Field

- Bed and Banks Permit – Application officially submitted to the Texas Commission on Environmental Quality (TCEQ) on January 30
- Well Nos. 9, 10, 11 – Complete and ready for operation once permanent power is available
- Well Nos. 12, 13 – Drilling, well development, test pumping, and water quality sampling are complete; awaiting permanent pumping assembly equipment
- Well No. 14 – Drilling is complete, and crews are test pumping the well
- Well No. 15 – Pilot hole completed to depth, casing installed and cemented, and crews are drilling
- Well No. 16 – Pilot hole and geophysical logging complete, production screens ordered
- Well No. 17 – Crews are currently drilling, and geophysical logging has been completed; well design to be finalized
- CCW Crews have installed 3.17 miles of PVC water line, and the water line river outfall is complete
- Full Well Field operation is expected in May 2026
- Current expenditures: \$20,521,348*

****\$30M in grant funding formally approved by the Texas Water Development Board on January 21.***



Water Quality Nueces Groundwater Project Overview Eastern Wellfield

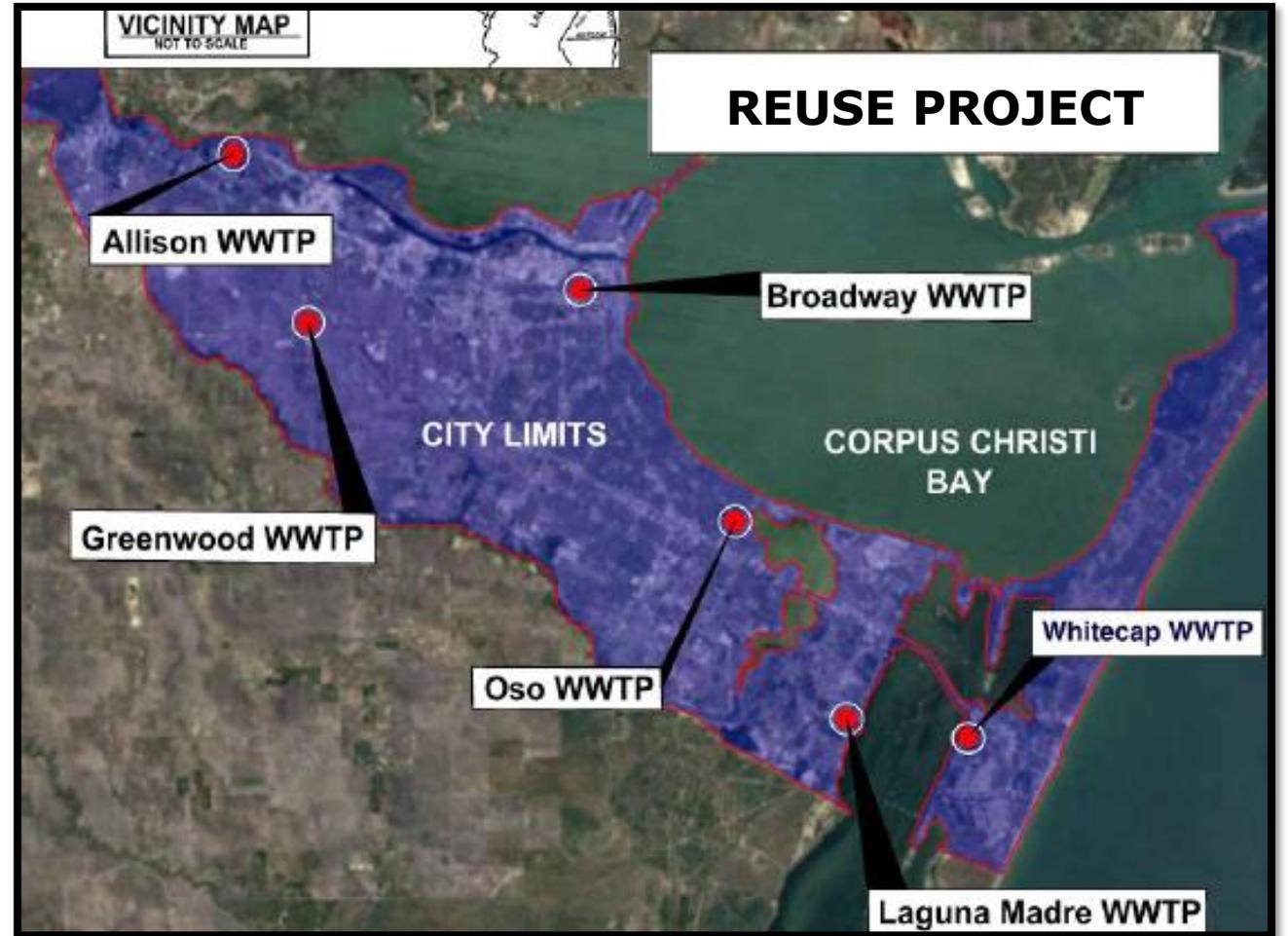


Eastern Wellfield		
Date	Location	Arsenic (mg/L)
2/3/2026	Well 6	0.0064
2/3/2026	Well 7	<0.00093
2/3/2026	Well 5	0.0047
2/3/2026	Well 2	0.0047
2/3/2026	Well 3	0.0046
2/3/2026	Well 4	0.011
2/3/2026	Well 1	0.0069
2/3/2026	Upstream of Well 1	0.015
2/3/2026	Hazel Bazemore	0.012
2/3/2026	Creek at Tuscan	0.021

The measured arsenic level in finished water from O.N. Stevens Water Treatment Plant is <0.00093, which is essentially a non-detect.

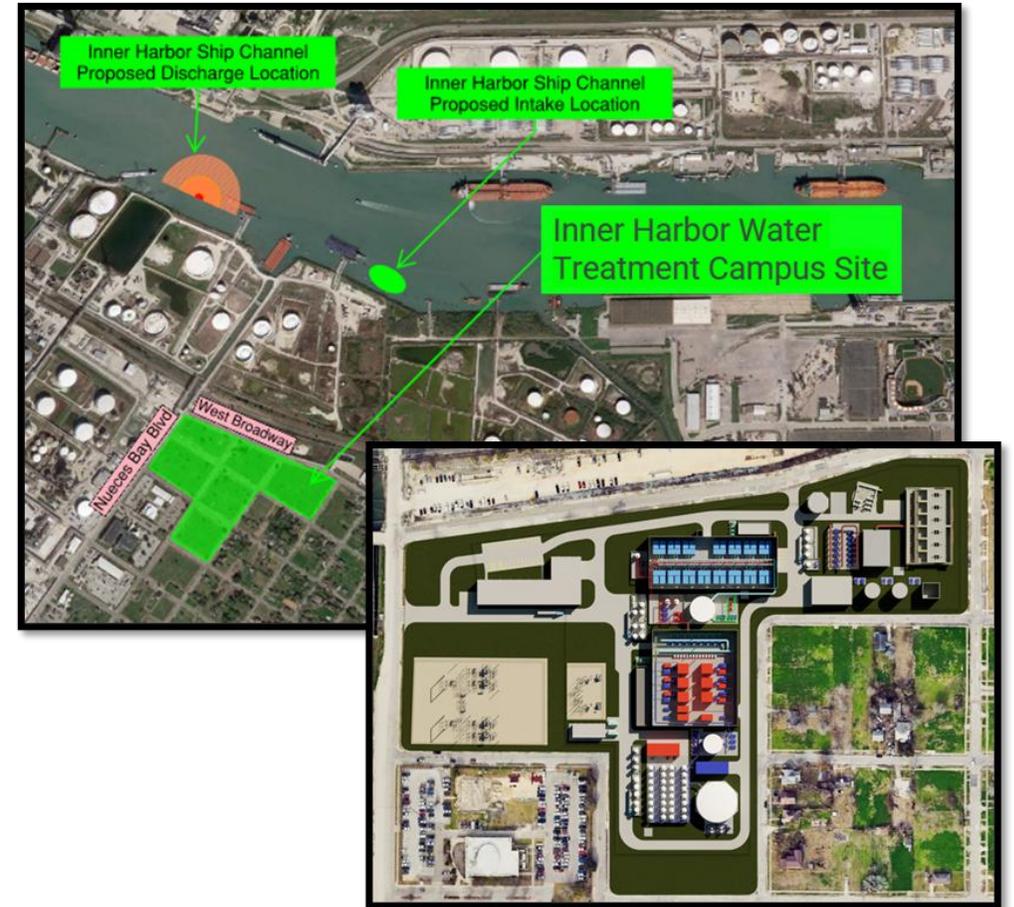
Wastewater Reuse Project Overview

- On January 13, Council approved a 30-year agreement to supply up to 8 MGD Type II recycled water from Greenwood Wastewater Treatment Plant (WWTP) to Valero Refining-Texas, L.P.
- On January 27, Council approved an agreement with Flint Hills Resources Corpus Christi, LLC, to provide treated wastewater from Allison WWTP
- CCW continues discussions with multiple entities regarding the use of effluent water from Allison, Greenwood, and Oso WWTPs
- Ardurra and CCW continue to design infrastructure to convey 10 MGD from Oso WWTP to Greenwood WWTP
 - Draft preliminary engineering report has been finalized
 - Project bidding is estimated to be advertised in July or August 2026
 - Primary part of the project involves installing 15 miles of a 36-inch line



Inner Harbor Seawater Desalination Project Overview

- Memorandum of Understanding signed and executed by Corpus Christi Desal Partners (CCDP) and City on December 4
- Cost certain options are expected to be reviewed at the February 24 Council meeting
 - If Council approves moving forward, staff will prepare a contract with CCDP for consideration during an April Council meeting
- Request for Qualifications (RFQ) for the City's agent/representative released with submittals due February 4
- Far Field Committee meeting held January 22; second meeting planned for March 5



Harbor Island Seawater Desalination Project Overview

- The Nueces River Authority (NRA) has issued a formal RFQ for the development partner, with responses due March 6
 - NRA anticipates selecting this development partner by mid-June
- TCEQ has issued a notice regarding an application for a water use permit for the Harbor Island Seawater Desalination Project
 - 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: <https://www.tceg.texas.gov/permitting/water-rights/wr-permitting/view-wrpend.apps>
 - The NRA expects TCEQ to issue the draft discharge permit by the end of February

Water Supply Project Website

securingwater.corpuschristitx.gov

Evangeline Groundwater Project

The City established a groundwater rights agreement with Evangeline/Laguna, LP, working in partnership with City of Sinton and the St Paul Water Supply Corporation. This project represents a significant step forward in transforming the region's water security.

This agreement provides access to substantial groundwater rights, helping secure a reliable water supply for Corpus Christi. The Evangeline Project involves securing necessary transportation and drilling permits before construction can begin. Engineering firms are working on the design and implementation of this water infrastructure project to ensure it meets all regulatory requirements.



Project Updates

**Evangeline
Groundwater Project**

**Nueces
Groundwater Wells**



CITY OF CORPUS CHRISTI
**CORPUS CHRISTI
WATER**