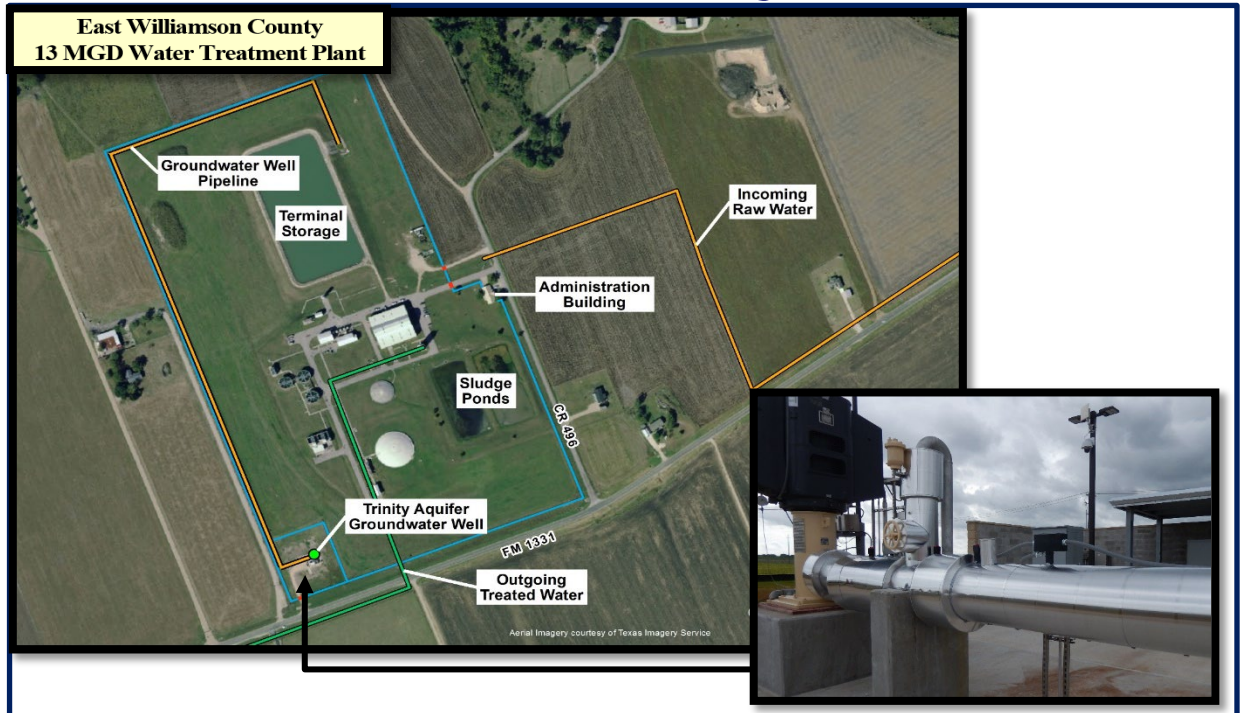
East Williamson County Regional Water System
Trinity Groundwater Infrastructure

Brazos River Authority



The East Williamson County Regional Water System provides treated water to the City of Taylor, the Jonah Water Special Utility District, and the Lone Star Regional Water Authority. An intake structure on Lake Granger pumps raw water 3.6 miles to the Water Treatment Plant. Treated water is pumped 3.7 miles to customer take points. Water demand projections show a near- and long-term need to increase the system's capacity to meet projected growth in the area.

The Project

The water treatment plant at the East Williamson County Regional Water System (EWCRWS) was expanded to 13 million gallons per day (MGD) in 2009. The current plant capacity is 14.5 MGD. Increasing water demands and growth projections indicate additional capacity will be needed in approximately 2 years. This system expansion project will be conducted in at least two phases. At a high level, the first phase will consist of a treatment plant expansion, a new treated water pipeline, intake pump expansion, and incorporation of groundwater. When needed, a second phase will provide additional treatment capacity with the potential of either additional groundwater wells or implementation of aquifer storage and recover.

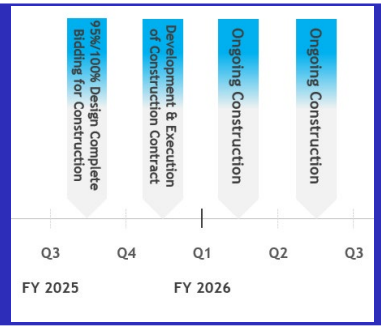
This component of the system expansion project will provide the infrastructure needed to incorporate groundwater from the existing Trinity Well and will add approximately 4 MGD of new water into the delivery system. Groundwater will be cooled, chemically treated, and blended with treated surface water prior to delivery.

Current Project Status 5/2/2025

- TCEQ provided comments on the 95% Design with nothing significant to report
- The 100% Design has been submitted to the BRA and internal reviews are in progress
- The Request for Bids is planned for FY 25 Q3
- Notice to Proceed for construction is anticipated in FY26 Q1

Planned Schedule

Note: BRA Fiscal Year Runs Sept to Aug



FY 2025 Project Budget
$6,034,000