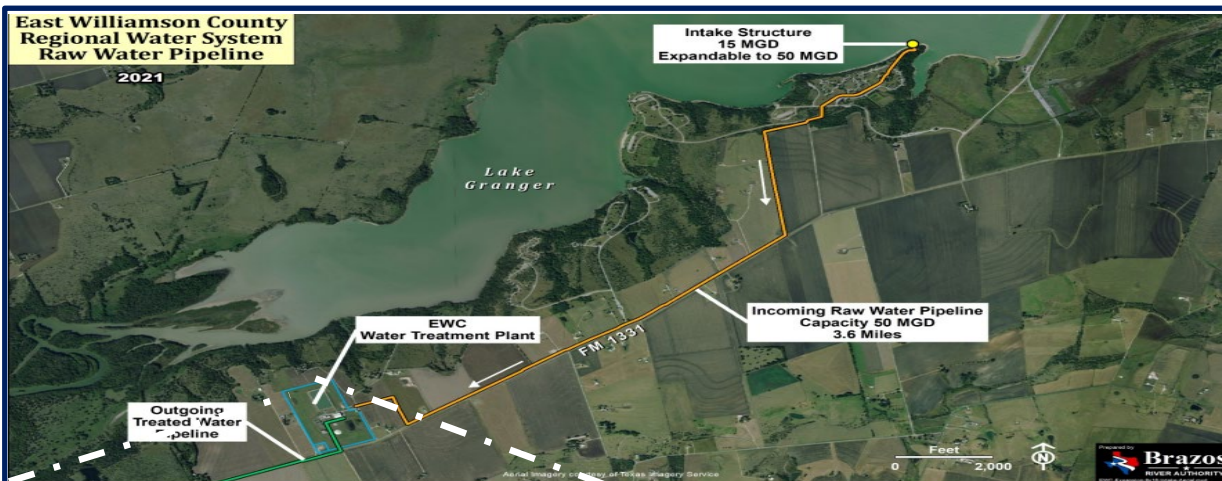




East Williamson County Regional Water System Expansion

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

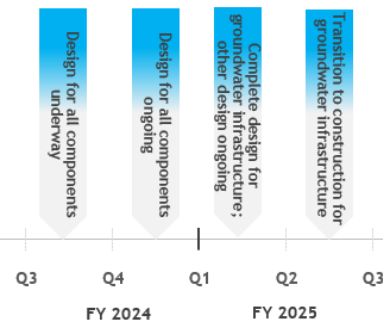
The water treatment plant at the East Williamson County Regional Water System (EWCRRWS) was expanded to 13 million gallons per day (MGD) in 2009. Increasing water demands and growth projections indicate additional capacity will be needed in the next two years. This expansion project will be conducted 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 utilization of the existing Trinity aquifer groundwater well. Infrastructure needed for the incorporation of groundwater can also be utilized to support aquifer storage and recovery should that become a recommended and feasible strategy. The next phase will consist of an additional system expansion that addresses long-term growth with recommendations for additional water treatment plant capacity and increased water storage.

Current Project Status 1/12/2024

- Engineering design work is underway for the groundwater infrastructure component
- Project kickoff for engineering design of the pipeline component is imminent
- Plant scale pilot testing to seek authorization from TCEQ to operate the existing treatment plant at up to 14 MGD is wrapping up; this should increase the plant's treatment capacity later this year without major construction
- Engineering design and construction oversight contract development for the treatment plant expansion is nearing completion

Planned Schedule

Note: BRA Fiscal Year Runs Sept to Aug



Budget Summary

FY 2024 Project Budget

\$6,612,000

Project Expenses
(As of 11/30/2023)

\$0