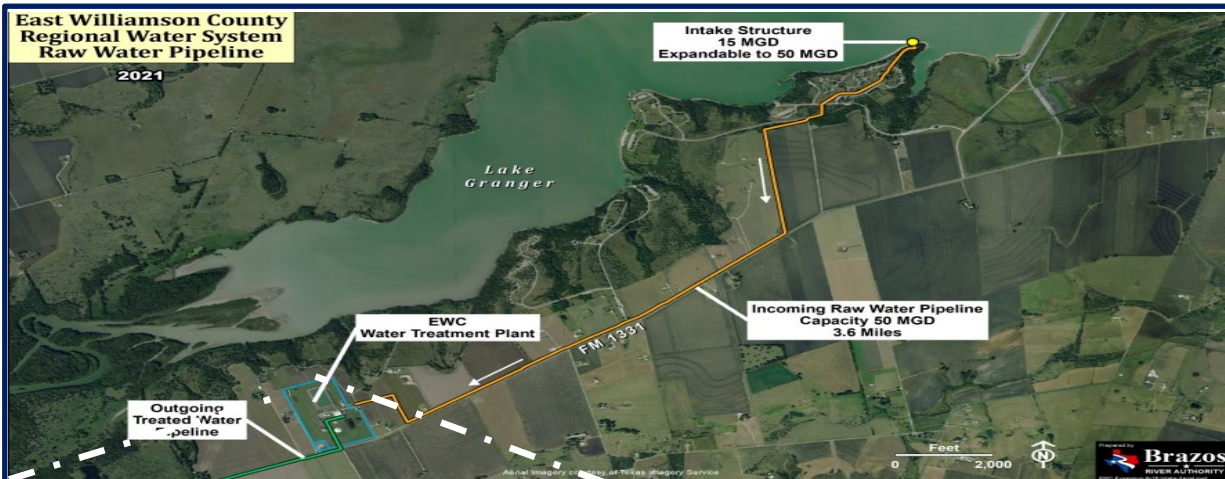




# East Williamson County Regional Water System Expansion

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

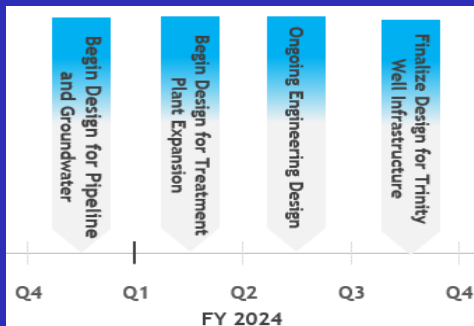
The water treatment plant at the East Williamson County Regional Water System (EWCRRS) was expanded to 13 million gallons per day (MGD) in 2009. Increasing water demands and growth projections indicate additional capacity will be needed in approximately 2 years. This expansion project will be conducted in at least two phases. At a high level, phase one will consist of a treatment plant expansion, a new treated water pipeline, intake pump expansion, and incorporation of groundwater. 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. Phase two will consist of an expansion and improvement plan that addresses long-term growth and recommendations for additional water treatment plant capacity and increased water storage.

## Current Project Status 7/14/2023

- Final Preliminary Engineering Report has been received
- The BRA Board has approved contracts for engineering design and construction oversight of the new treated water pipeline and infrastructure needed to incorporate groundwater
- Design work under these contracts will begin in August 2023
- Plant scale pilot testing to seek authorization from TCEQ to operate the treatment plant at up to 13.75 million gallons per day will begin this quarter; this would increase the plant's maximum output without major construction

## Planned Schedule

Note: BRA Fiscal Year Runs Sept to Aug



## Budget Summary

FY 2023 Project Budget	\$2,375,000
Project Expenses (As of 5/31/2023)	\$1,027,277