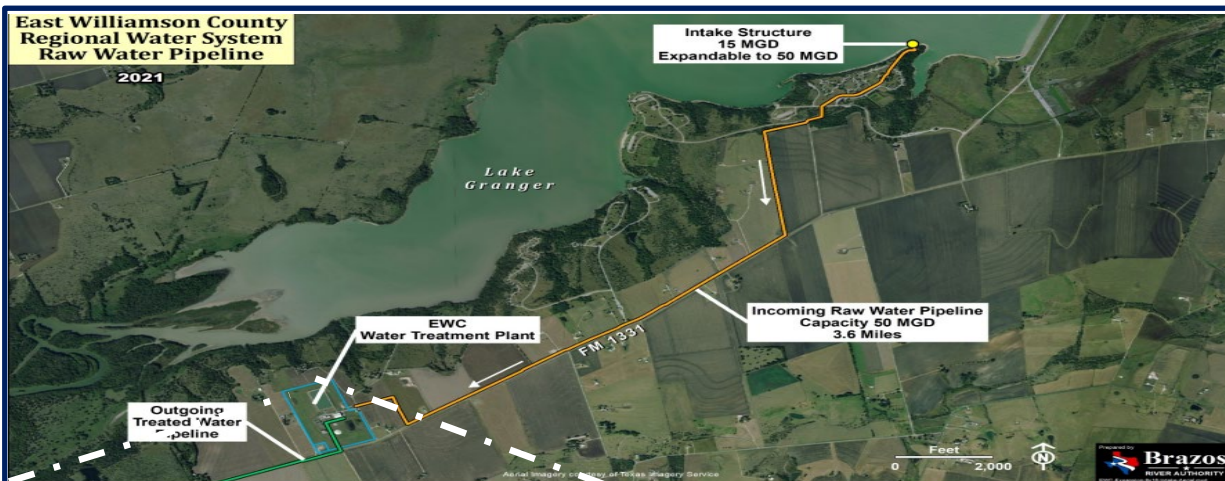




East Williamson County Regional Water System Expansion

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

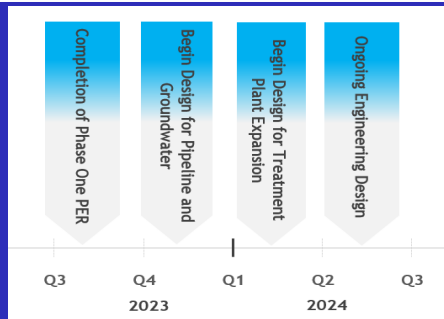
The water treatment plant at the East Williamson County Regional Water System (EWCRWS) was expanded to 12.3 million gallons per day (MGD) in 2009. Increasing water demands and growth projections indicate additional capacity will be needed in the next 2-3 years. This expansion project will be conducted in at least two phases. At a high level, phase one will consist of a treatment plant expansion, a new treated water pipeline, and incorporation of groundwater. Phase two will consist of an expansion and improvement plan that addresses long-term growth and recommendations for additional water treatment plant capacity, raw water intake expansion, and increased water storage, as well as possible aquifer storage and recovery.

Current Project Status 4/21/2023

- The draft of the phase one Preliminary Engineering Report is currently being reviewed by BRA staff
- Scope and fee negotiations are underway for engineering design of the treated water pipeline and infrastructure needed to incorporate groundwater
- Planning and implementation is underway for a plant scale pilot test to seek authorization from TCEQ for the water treatment plant to operate at a higher flow rate, which can potentially 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 2/28/2023)	\$543,529