



Risk Based Capital Planning and Management Support



**Morris Sheppard Dam
Possum Kingdom Lake**

The Risk-Based Asset Management and Capital Planning Program formalizes the process to define the relative risk posed to operations from any single asset, as well as assess the BRA's risk profile presented by all assets. The program will leverage data collected from operations, financial software system and other various sources to integrate into an enterprise resource planning system. This will help improve decision making on asset renewal through improved prioritization of assets across BRA and also improve long-term capital forecasting efforts through improved assessment of renewal needs.



**East Williamson County
Water System**

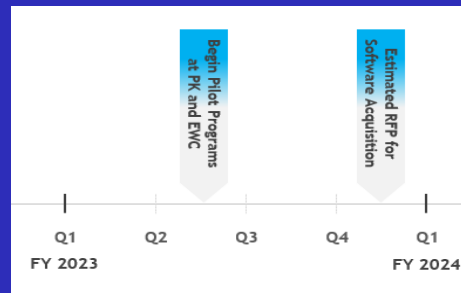
The Project

This project includes: a) developing and coordinating the fundamental framework of the BRA Asset Management Program (AMP) aligned to industry best practices; b) facilitating the selection, procurement and implementation of an asset management/capital planning software system to support the AMP; c) implementing and applying the pilot programs and risk scoring criteria on the assets at two BRA owned facilities...Morris Sheppard Dam and East Williamson County Water Supply System; d) developing and implementing a long range and capital improvement planning program; e) coordinating with staff and providing training and education necessary to facilitate successful project implementation; and f) optionally, implementing the project at all of the remaining BRA owned facilities and/or the facilities that the BRA manages.

Current Project Status 6/30/2023

- Finalizing Risk-Based AMP framework
- EWC Pilot program field work - Feb 21-22
- EWC Pilot Program Condition Assessment & Likelihood of Failure Scoring Workshop – April 14
- PK Pilot program dam assets field work – April 26-27
- RFP for AMP software selection advertised June 9 and proposals due Aug 17
- PK Pilot program non-dam assets field work – June 27-28

Planned Schedule



Note: BRA Fiscal Year Runs Sept to Aug

Budget Summary

FY 2023 Budget	\$450,000
FY 2023 Project Expenses (As of 4/30/2023)	\$205,524