





Our Mission



General Manager/CEO

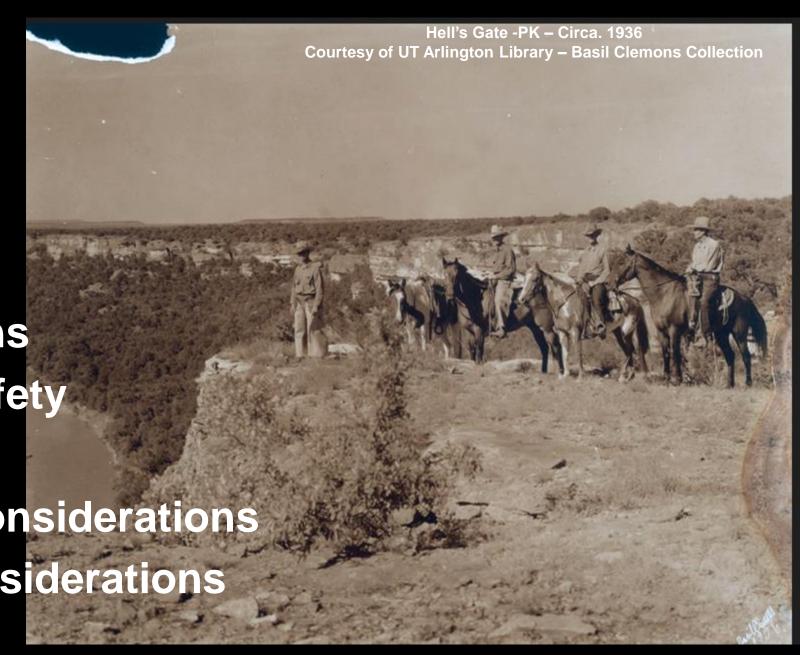
To develop, manage, and protect the water resources of the Brazos River basin





Today's Agenda

- Virtual Instructions
- A Word About Safety
- BRA Overview
- Environmental Considerations
- Procurement Considerations
- Q and A Period





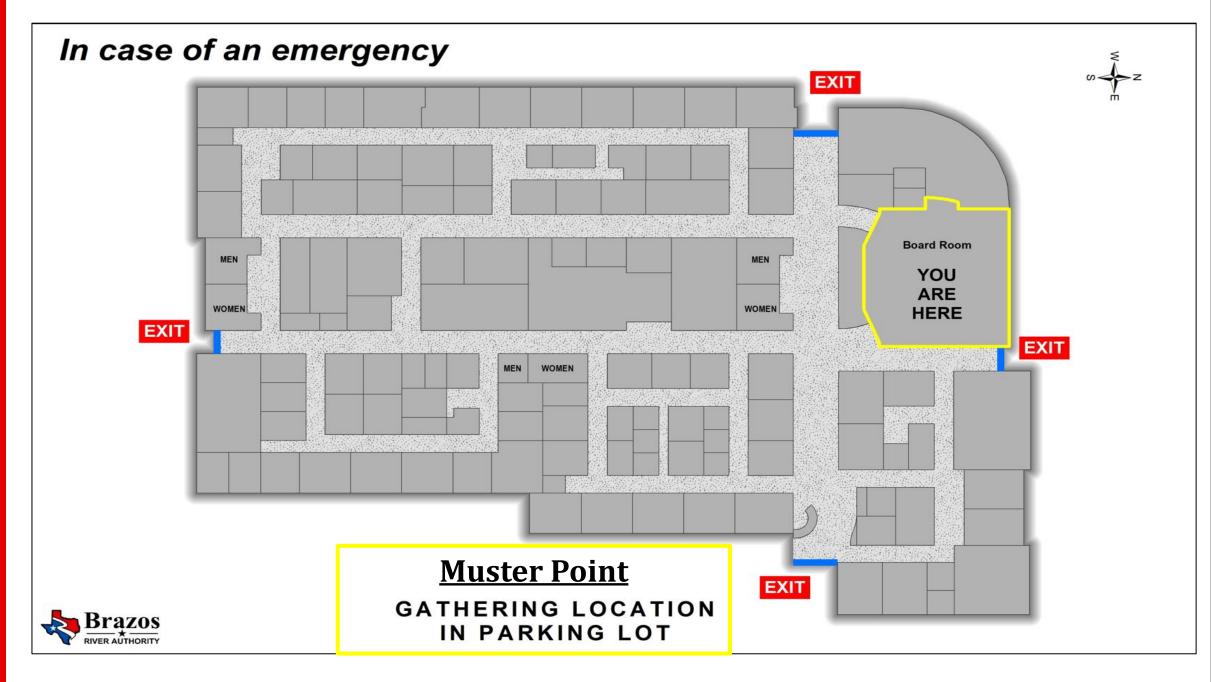
Virtual Instructions



Safety

Aaron Vaughan
Project Management Office
254-761-3243
Aaron. Vaughan @Brazos. Org







Health and Safety Moment

- Deep Frying a Turkey
 - Stay away from the house
 - Find flat ground
 - Use thawed and dry turkey
 - Be prepared

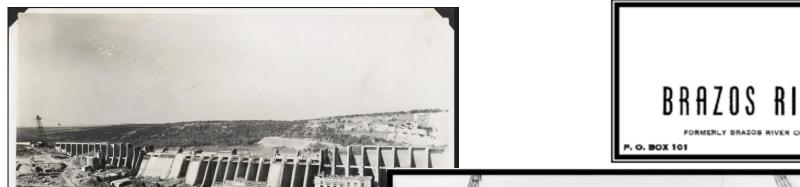




Overview of the Brazos River Authority

Steve Hamlin
Project Management Office
254-761-3172
Stephen.Hamlin@Brazos.org









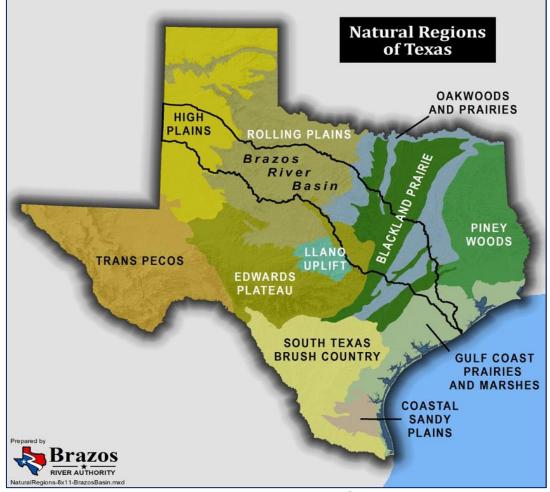
- Oldest river authority in Texas
- 1929 Texas Legislature created the Brazos River Conservation and Reclamation District
- First entity of its kind in the nation





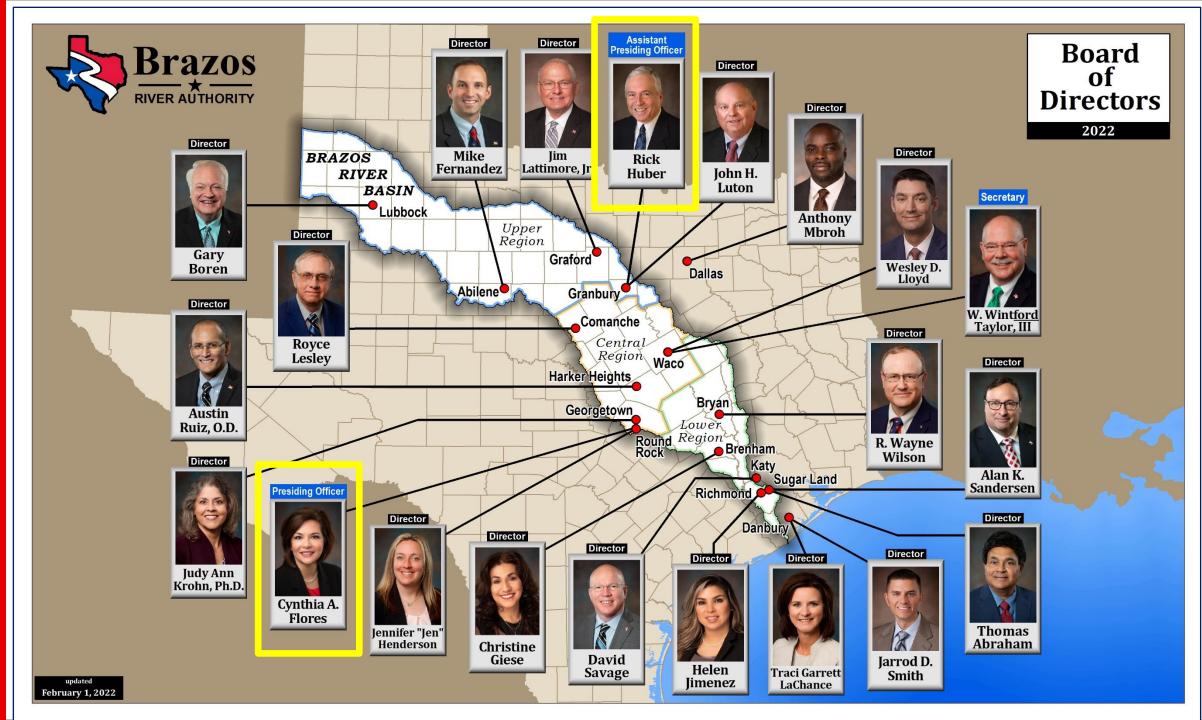


- Self-funded, No tax dollars
- Administrator for Region G RWPG
- Administrator for Lower Brazos Regional Flood Planning Group



- Touches 70 Texas Counties
- Very Diverse Geography
- Diverse water needs/customers
- Much of the growth in Texas occurring in our Basin







Leadership Management Team



Aaron Abel
Water Services Manager



Brad Brunett
Lower/Central Basin Region Manager



Luke Collins
Information Technology Manager



Blake Kettler
Technical Services Manager



Jon King Special Projects & Strategic Initiatives Manager



Tiffany Malzahn Environmental and Compliance Manager



Mike McClendon
Upper Basin Regional Manager



Matt Phillips
Legislative & Governmental Affairs
Manager



Robert Starnes
Facilities Security Manager



David Thompson
Chief Financial Officer



Lauralee Vallon



Monica Wheelis
Human Resources Manager



What does the BRA do?

Provide Water to Texans

- Drinking Water for thousands of citizens
- Water for Energy & Industry which drives Economic Development
- Recreation
- BRA has water rights granted by the State of Texas
 - Stored in 11 Reservoirs
 - 3 BRA-owned and operated reservoirs (for water supply)
 - 8 US Army Corps of Engineer reservoirs
 - System Operations Permit
- BRA provides water to Texans via water contracts



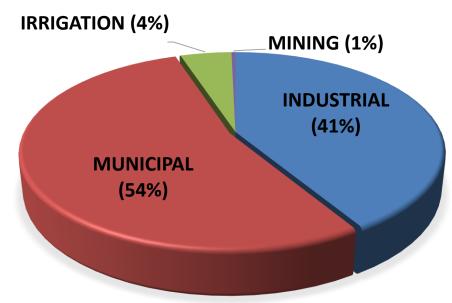


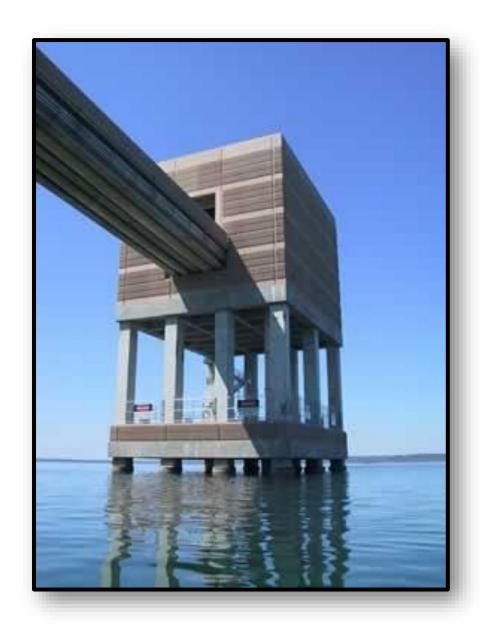
Water Contracts

Long Term Agreements

- About 160
- Contracts & commitments total about 753,000 acre-feet/yr
- Some lakeside
- Some downstream of reservoirs

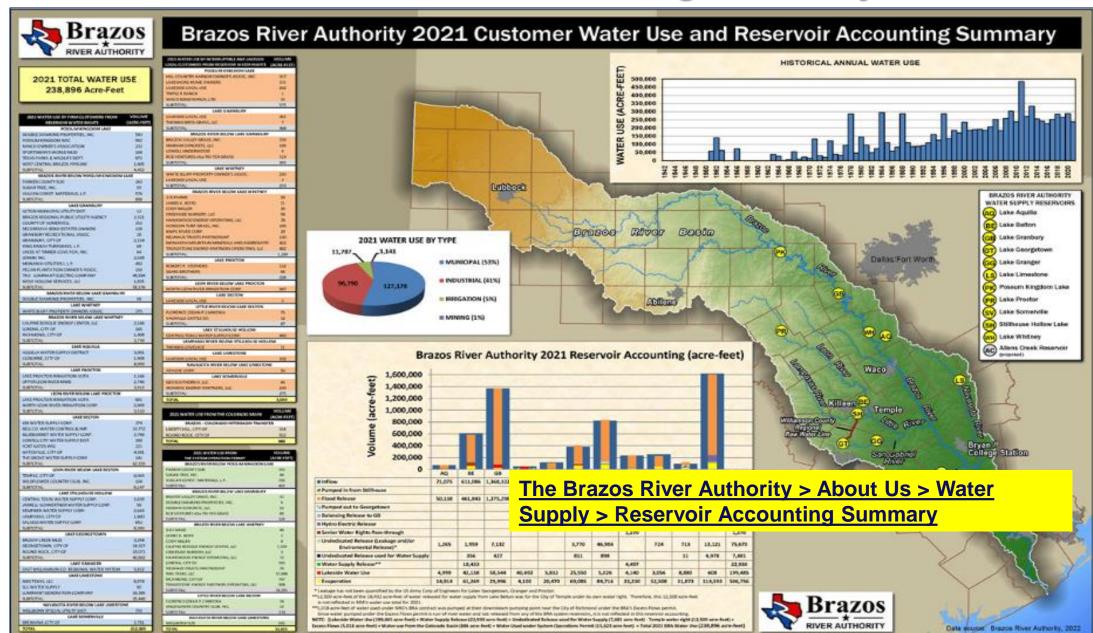
LONG-TERM CONTRACTS BY TYPE (MARCH 2022)



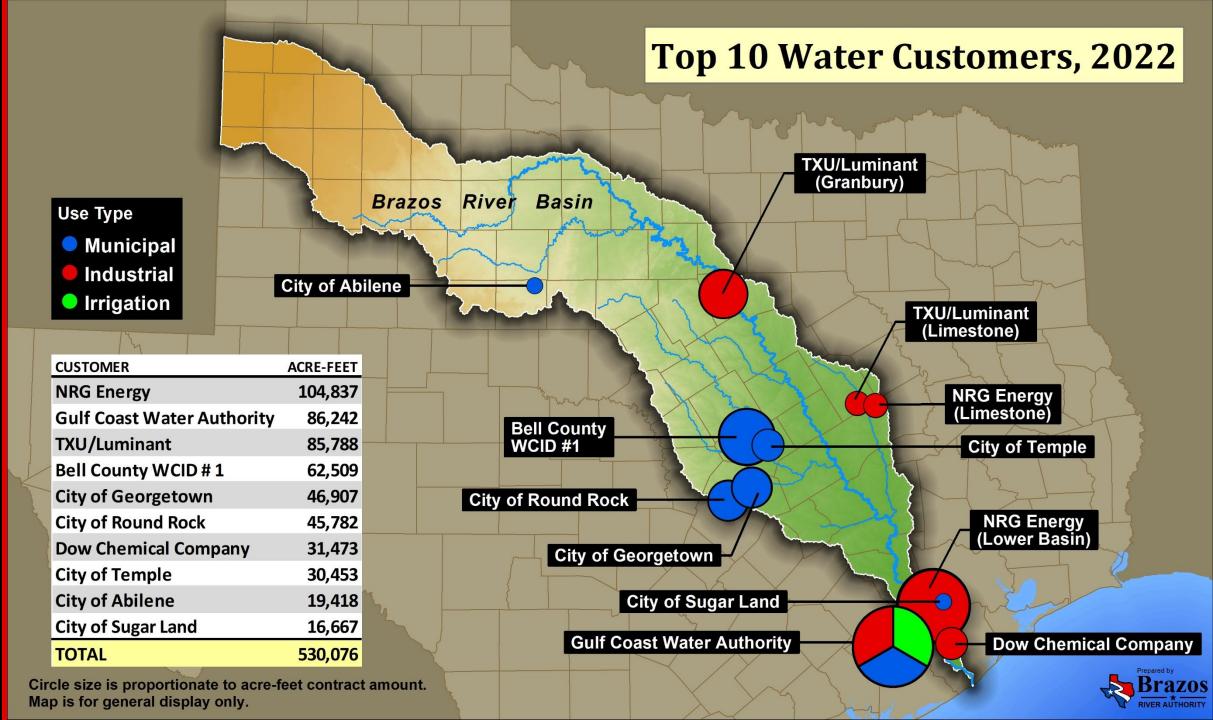




BRA Reservoir Accounting Summary









Water Supply Reservoirs

- Built, own, and operate:

 Possum Kingdom Lake,
 Lake Granbury, and
 Lake Limestone
- Contract with the US Army Corps of Engineers for storage at:

Lake Whitney,

Lake Belton,

Lake Proctor,

Lake Somerville,

Lake Stillhouse Hollow,

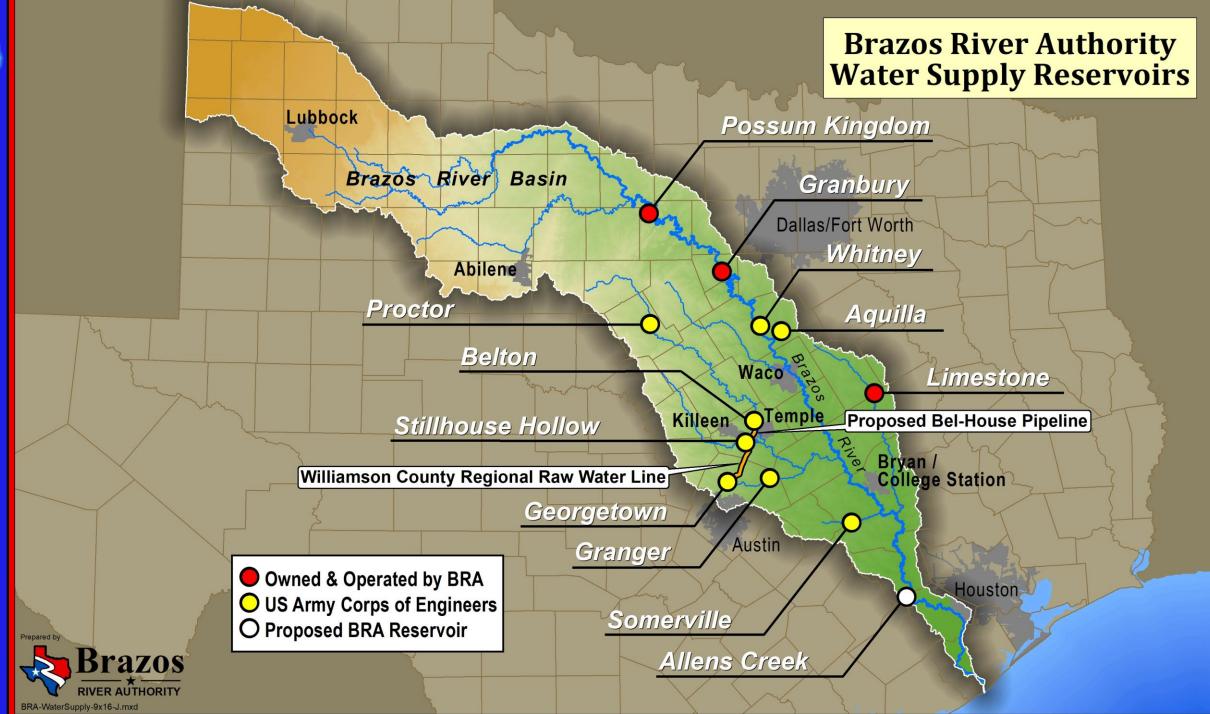
Lake Granger,

Lake Georgetown, &

Lake Aquilla

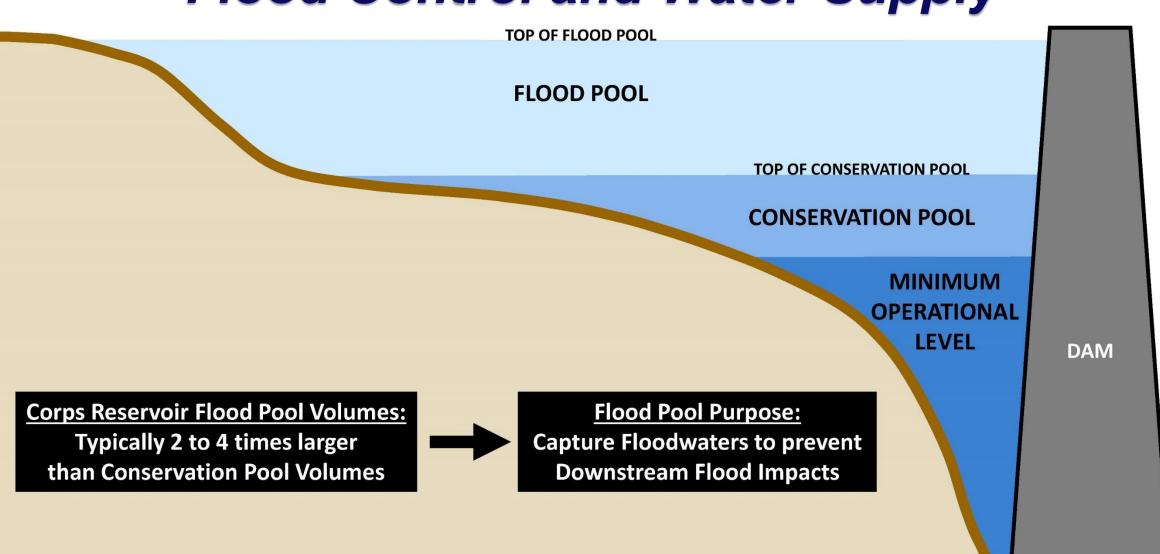






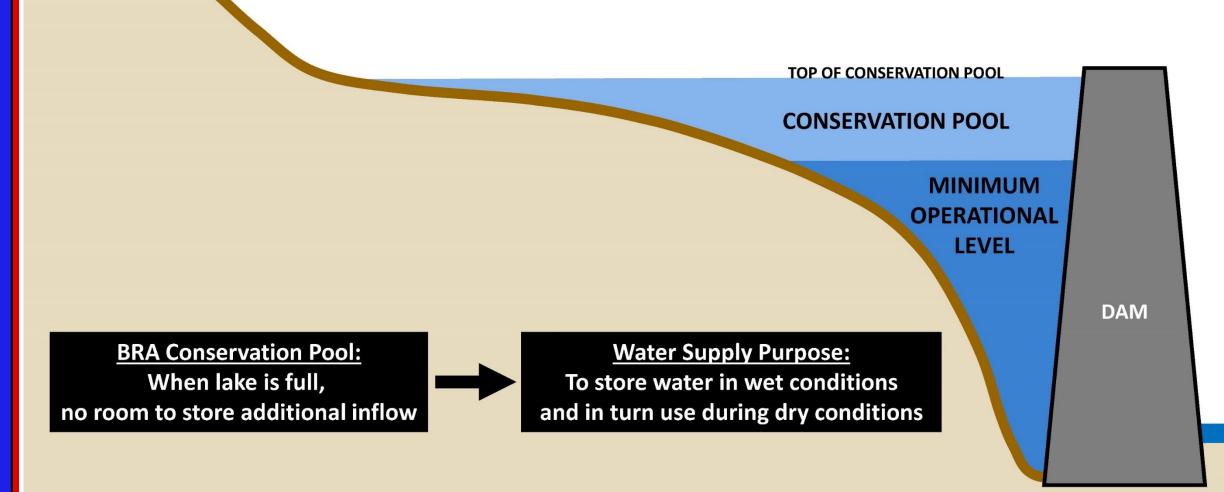


Typical Corps Reservoir Flood Control and Water Supply

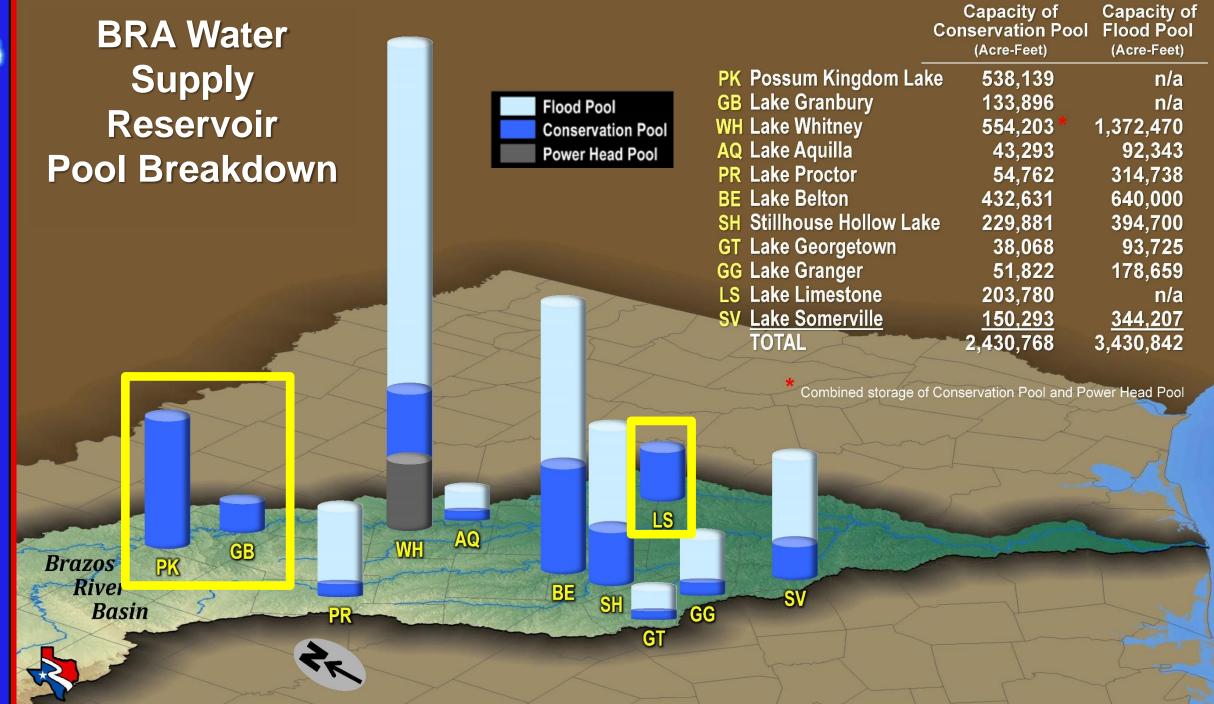




Typical BRA Reservoir Water Supply Only











Flood Operations

- BRA Reservoir
 - What comes in must go out (assuming lake is full)
 - Close coord between Water Services & Ops Staff
 - The BRA must be able pass inflows at all times

- USACE Reservoir
 - Flood Storage
 - Corps controls their flood releases

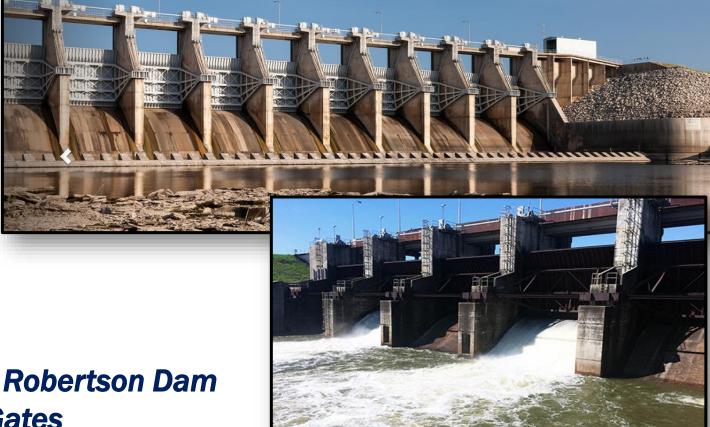


Gate Operations

Morris Sheppard Dam 9 Bear Trap Gates

DeCordova Bend Dam 16 Tainter Gates





Sterling C. Robertson Dam **5 Tainter Gates**





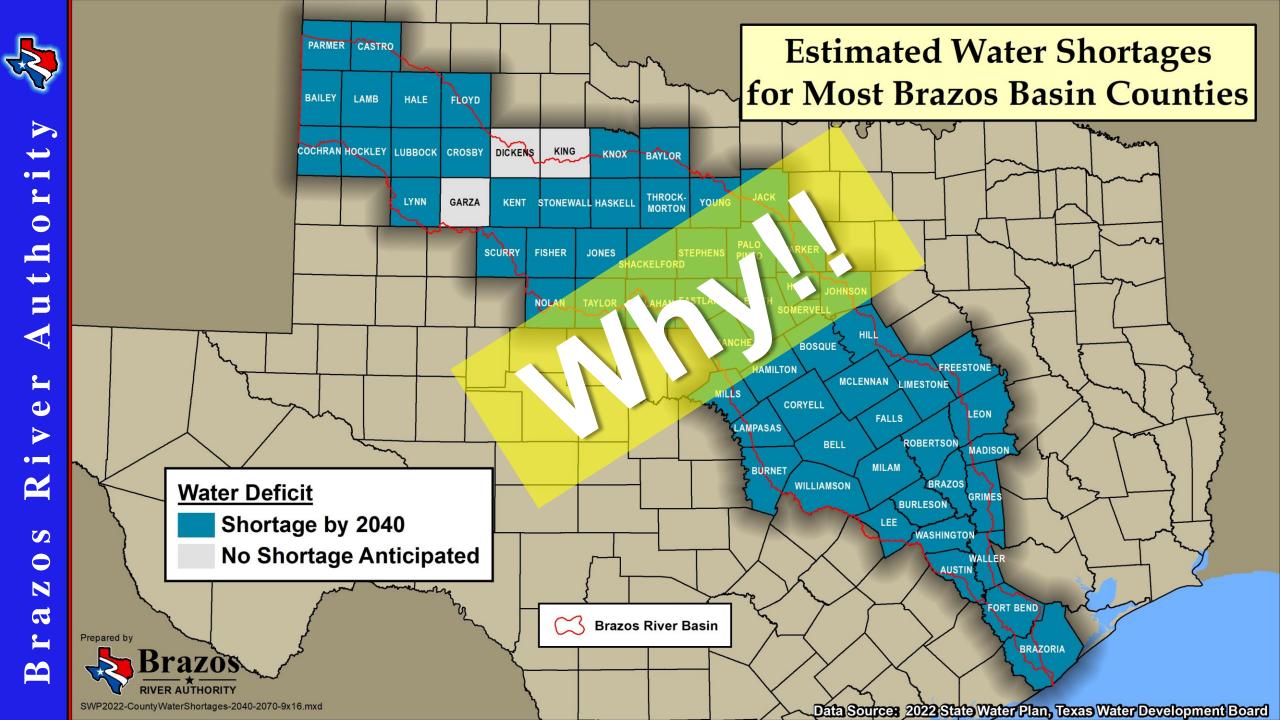


Where We're Headed and ...

 Aggressively pursuing opportunities to develop new water resources for Texas



- Dedicated to protecting and extending useful life of our existing assets
- Focused on improving our delivery of capital projects
 - Develop long-term business relationships with partners
 - Improve consistency in delivery processes
 - Drive projects to successful completion





What do we need? Relationships to Move us <u>Forward</u>

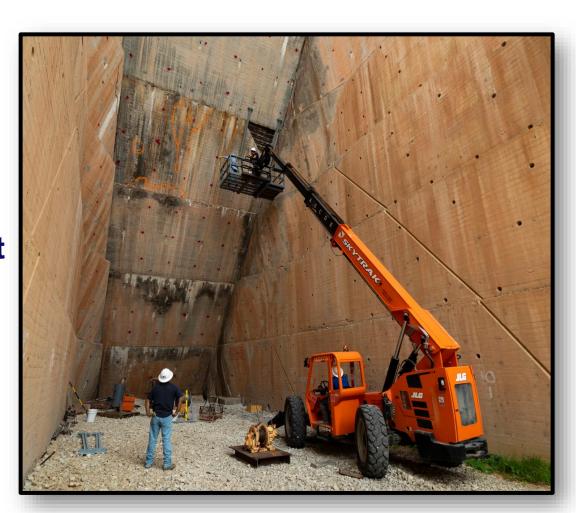
Make our mission...your mission!!

- We are looking for:
 - Technical experts to partner with our project delivery teams
 - Solutions that help our operations personnel accomplish the mission
- Successful Relationships
 - Partnerships drive success
 - Leverage your experience to bring innovative ideas to solve challenges
 - Collaboration and Communication are very important
 - Timely deliverables to stay on schedule
 - Proactive approach throughout the project to deliver results



Types of Consulting Support Needed

- Science in Support of Basin Protection Measures
- Science/Engineering in Support of Evaluations for:
 - New Water Source Opportunities
 - Existing Infrastructure Assessment
- Engineering for Design of:
 - Dam Facility Improvements
 - New Infrastructure
 - New Treatment Facilities
- Science/Engineering/Operations in Support of Operations





Indefinite Delivery / Indefinite Quantity

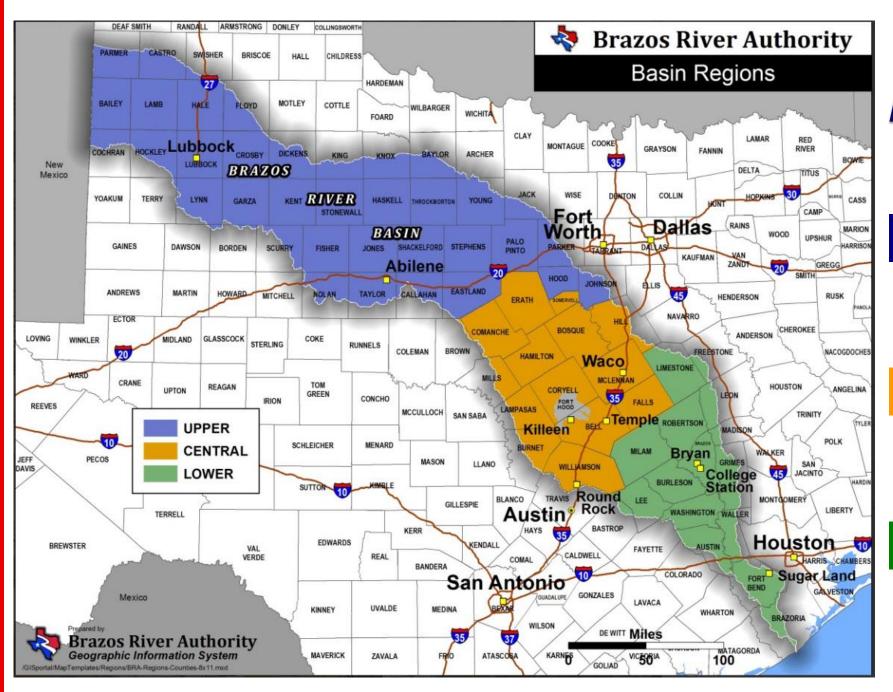
- IDIQ for structural engineering, electrical engineering, and mechanical engineering
- Engineering/Technical Evaluations
- Other professional service disciplines





10 MINUTE BREAK





BRA Regions

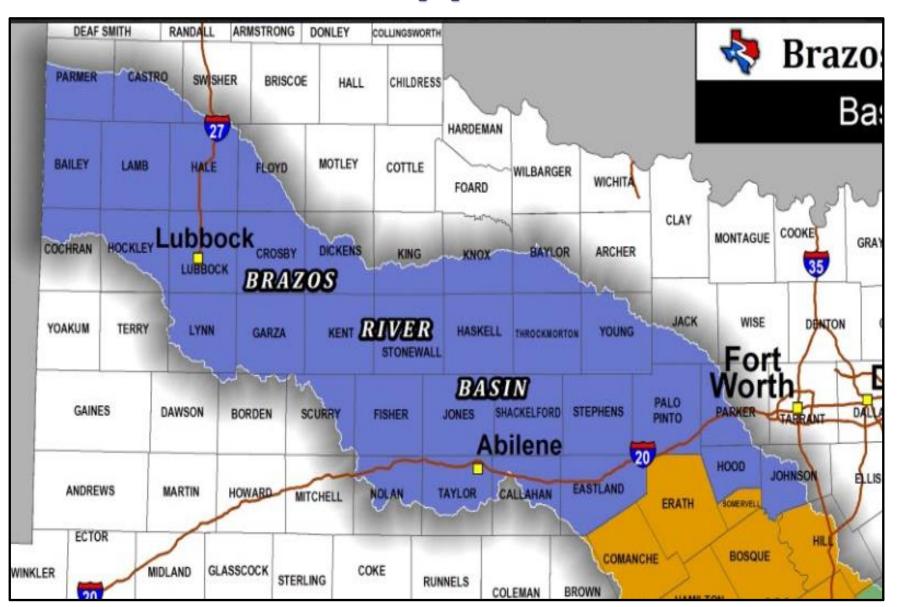
Upper Basin

Central Basin

Lower Basin



Upper Basin





Project Management
Jon Dulus
254-761-3274
Jeff Sammon
254-761-3132
Lacey Darr
254-761-3160

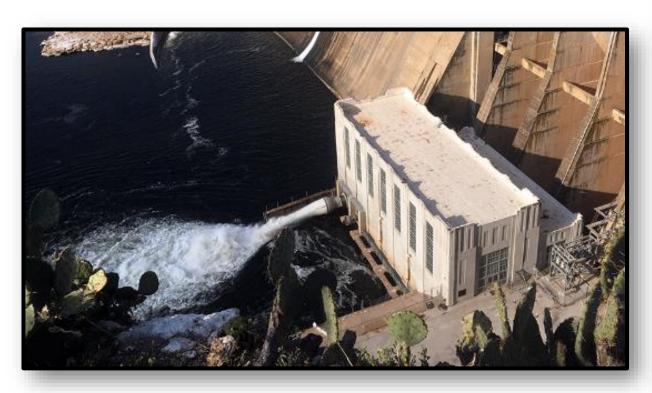




Identified Needs

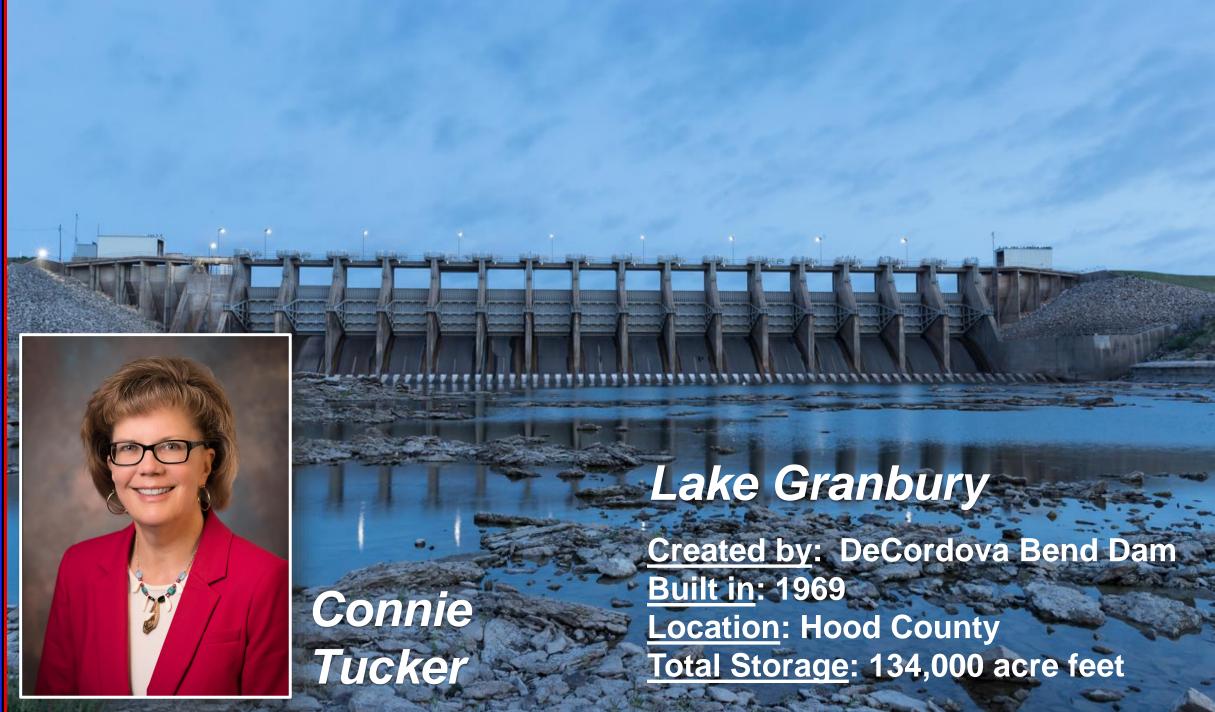
- FY 23/24
 - Bay 9 Wier Box/Transition Beam Assessment
 - Controlled Outlet Conduit Recoating

- FY 25 and Beyond
 - Bank Stabilization
 - Seismic Analysis
 - Hydrographic Sedimentation Survey











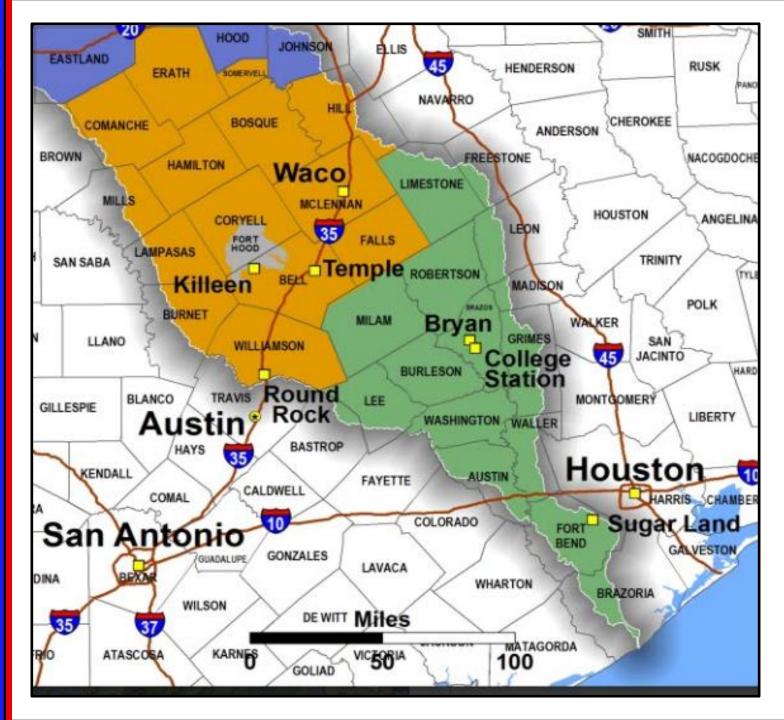
Identified Needs

- FY 23/24
 - Hearth Stability Analysis
 - Electrical Vulnerability
 Assessment
 - Tainter Gate Evaluation and Hoist System Modifications

- FY 25 and Beyond
 - Concrete Assessment
 - Low Flow Facility Access
 Walkway
 - Inspection Walkway Lighting Improvements









Project Management Mandy Cullar 254-761-3168 Amy Muttoni 254-761-3165 Jared Gallo 254-761-3268



Lake Limestone

Created by: Sterling C. Robertson Dam

Built in: 1978

Location: Limestone, Robertson and

Leon Counties

Total Storage: 204,000 acre feet







Identified Needs

FY 23/24

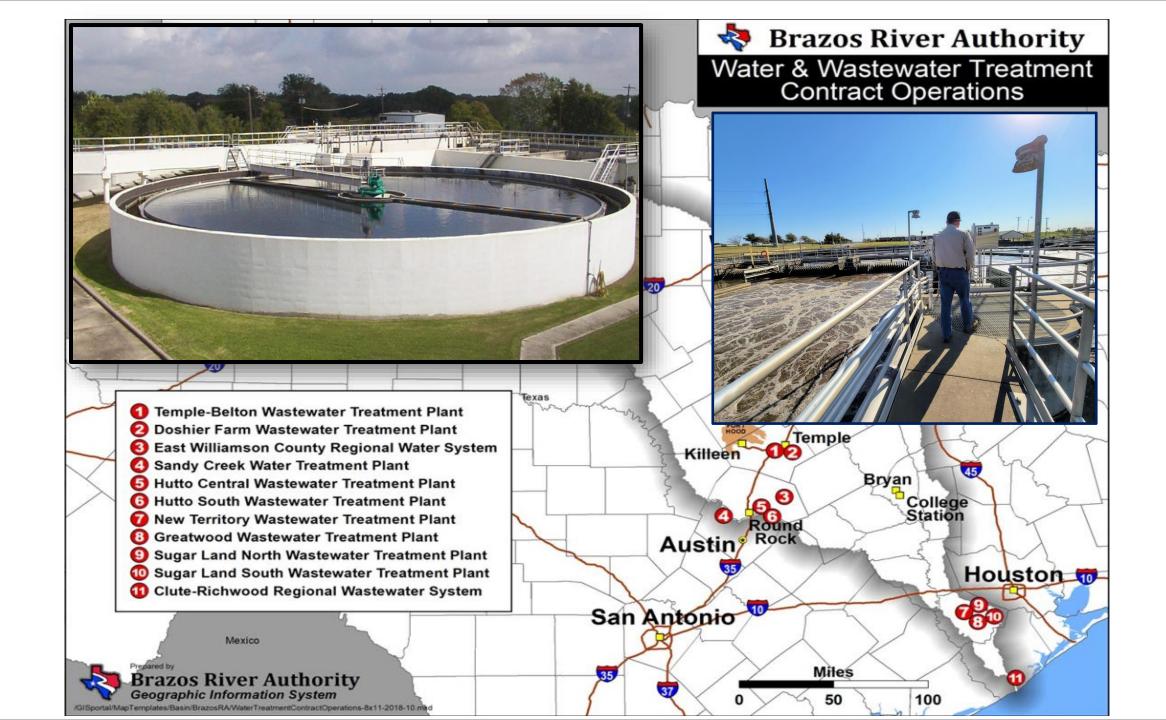
- Concrete Assessment
- Office complex assessment/design

FY 25 and Beyond

- Road Repairs
- Upstream Embankment Assessment









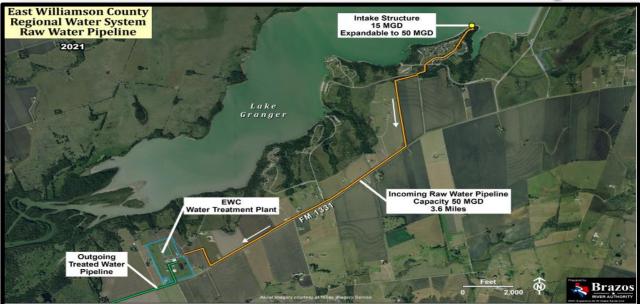








East Williamson County Regional Water System







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.



2004 - BRA purchased plant from City of Taylor to convert to a regional system

2006 - BRA expanded the facilities to increase output

2013 - BRA built new intake structure in a deeper part of the lake and installed 3 Vertical Turbine 200 HP pumps at 6 MGD each

Service – System served a population of *50,000* in *2020* and projected to serve *119,000* by *2030* and *219,000* by *2050*

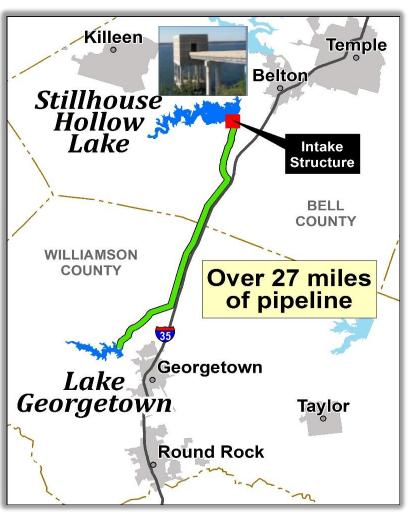
Expansion – Project in progress to expand capacity of the plant



Water Conveyance

- Own and operate the Williamson County Regional Raw Water Line
 - 48-inch waterline -roughly 28-miles long
 - From Stillhouse Hollow Lake to Lake Georgetown
 - Supplies City of Round Rock, City of Georgetown, and Brushy Creek Municipal Utility District

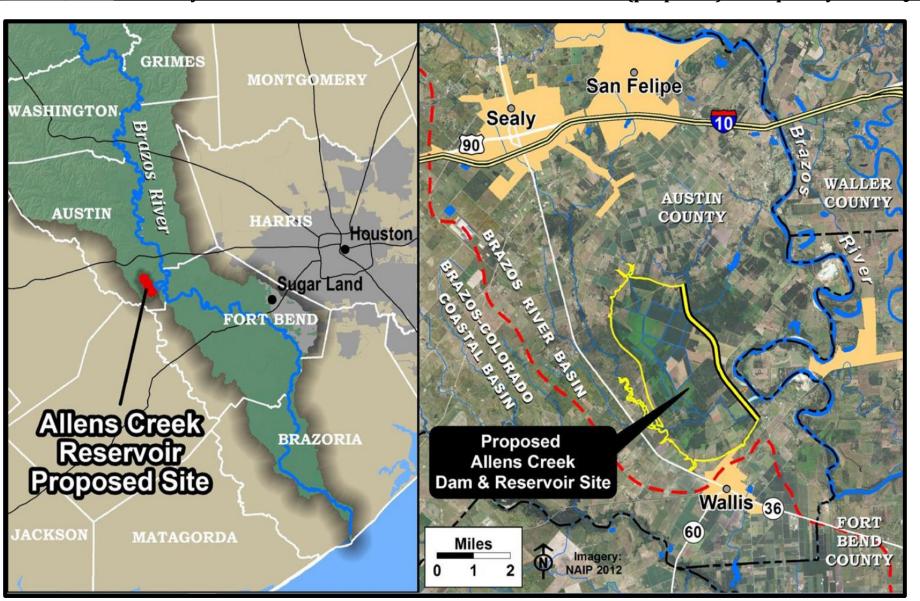






Proposed Allens Creek Reservoir

The Brazos River Authority > About Us > Reservoirs > Allens Creek Reservoir (proposed) > Frequently Asked Questions

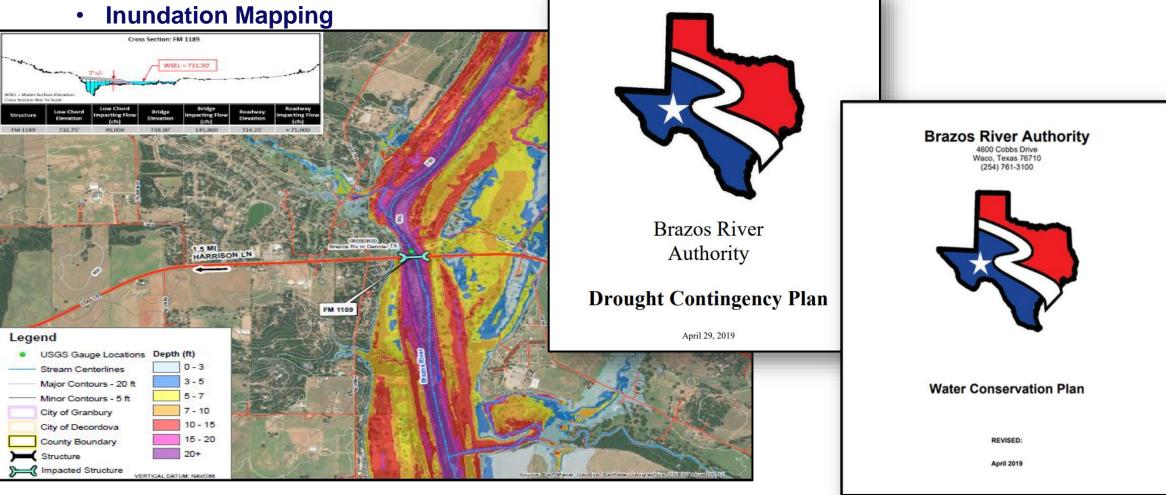




Water Resource Planning

- Water Services Department
 - Drought Contingency Planning and Water Conservation Planning







Environmental Considerations

Tiffany Malzahn
Environmental and Compliance Manager



Environmental Stewardship

- Lake and stream water quality and biological assessment
- NELAP accredited surface water laboratory
- Species-specific issues
- Environmental regulatory compliance and permitting
- Clean Rivers Program Surface Water Quality





Federal Regulations Applicable to BRA Projects

- Rivers and Harbors Act of 1899 USACE Section 10 Permits
 - Brazos River from Lake Whitney to confluence with Gulf of Mexico
- Clean Water Act USACE Section 404 Permits
 - Nationwide General Permits
 - Regional General Permits
 - Individual Permits
- USACE Section 408 Coordination
 - Lake Belton
 - Lake Georgetown
 - Lake Stillhouse Hollow
 - Lake Granger
- U.S. Fish and Wildlife
 - Endangered Species Act
 - Migratory Bird Treaty Act
- National Historic Preservation Act





State Regulations Applicable to BRA Projects

TCEQ

- Pesticide General Permit
- 401 Water Quality Certification Review
- Stormwater General Construction
- Permit

Texas Historical Commission

- Project Review Consultation under Antiquities Code of Texas
- Federal Section 106 Reviews

TPWD

- Sand, Gravel, Marl and Mud shell Permit
- Aquatic Resource Relocation Plan
- Permit to Introduce Fish, Shellfish, or
- Aquatic Plants into Public Waters
- Aquatic Vegetation Management



BRA Project Permitting

- Depending on magnitude of project, BRA can contract out or perform in-house permitting:
 - BRA Small scale projects involving USACE nationwide/regional permits, Texas Historical Commission consultations, TCEQ Aquatic Resource Relocation Plans, etc.
 - Granger Lake Slope Stabilization Project
 - Granbury Low Flow Outlets Works Project
- Contractor Large scale projects involving individual permits,
 Section 7 Endangered Species Act Consultations, etc.
 - Allen's Creek Reservoir Project
 - Belhouse Drought Preparedness Project



Permitting Coordination

Current Issues:

 Understaffed agencies and high turnover rates have led to longer review times, lack of historical knowledge, and a lack of communication

Solution:

- Build time into project schedule for:
 - Stakeholder coordination/meetings
 - Permits (surveys, application submittals, review times)
 - Unplanned changes to design/approach that can lead to additional permitting
- Our Goal: Avoid permitting becoming a roadblock to project progression

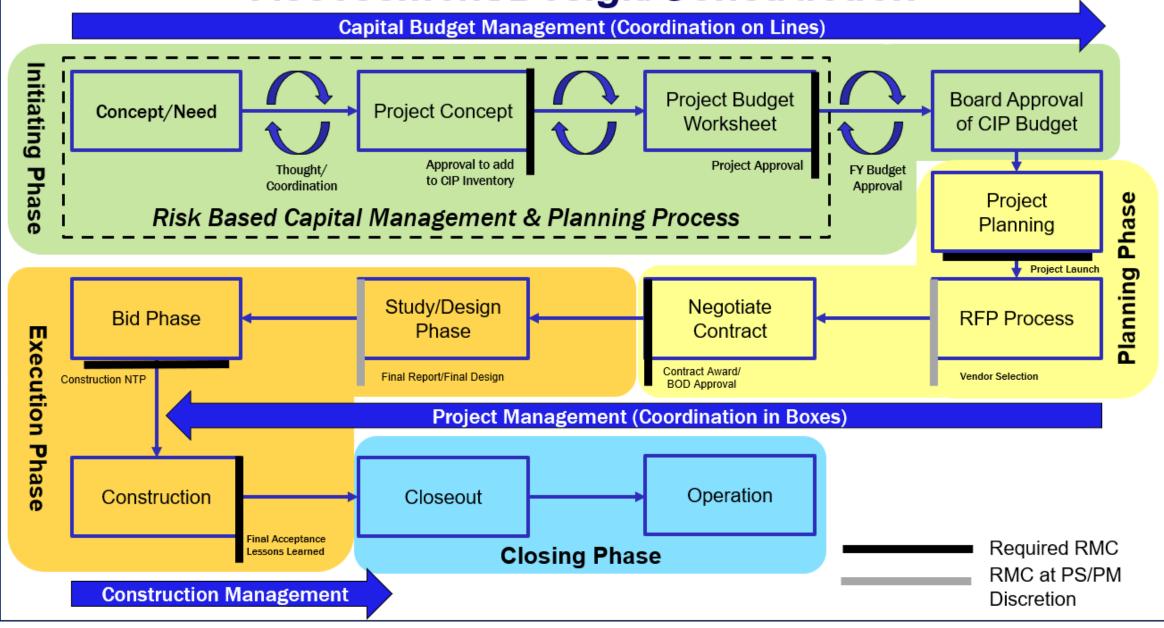


Project Information

Steve Hamlin
Project Management Office
254-761-3172
Stephen.Hamlin@Brazos.org

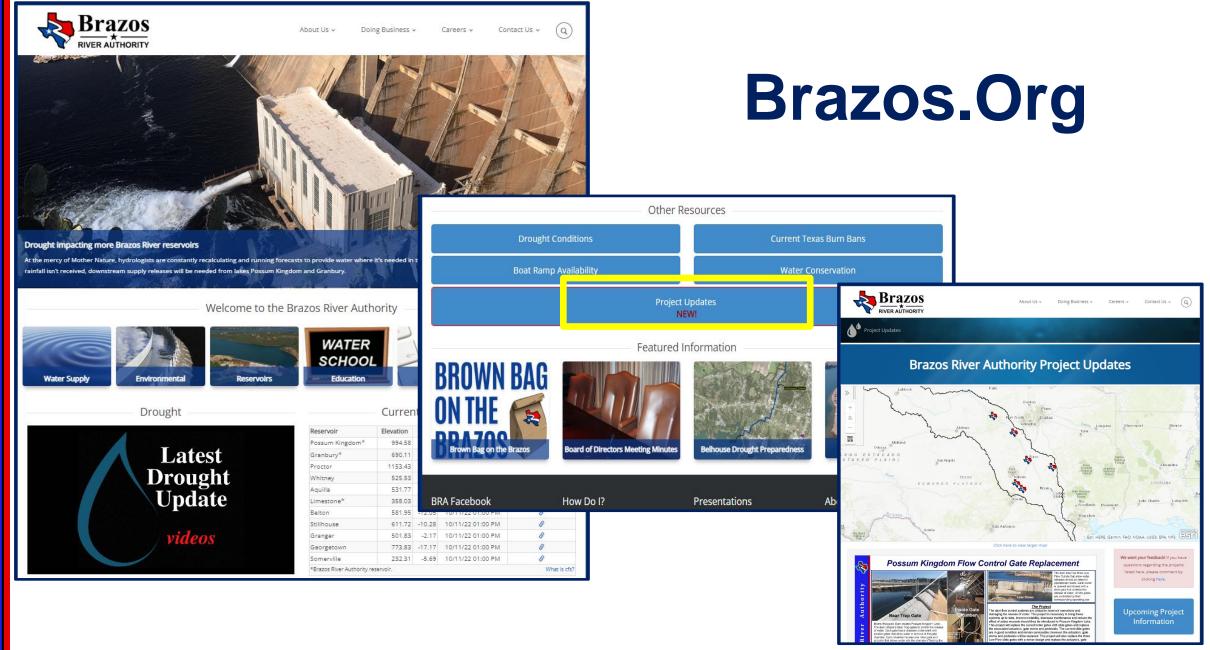


Project Delivery Assessment/Design/Construction Capital Budget Management (Coordination on Lines) Project Budget

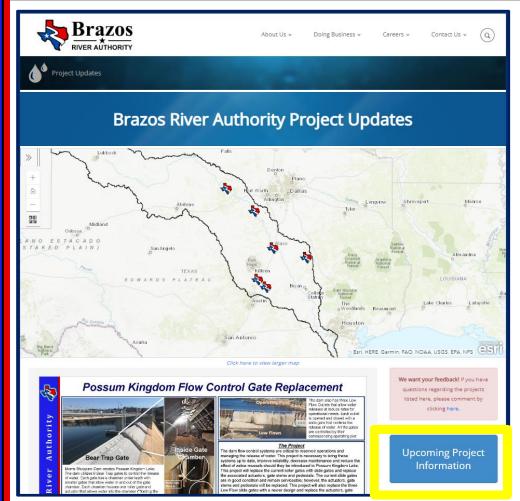




Where to Find Project Info

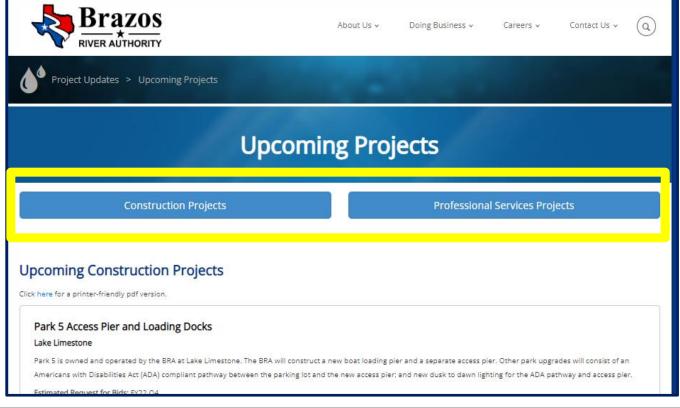






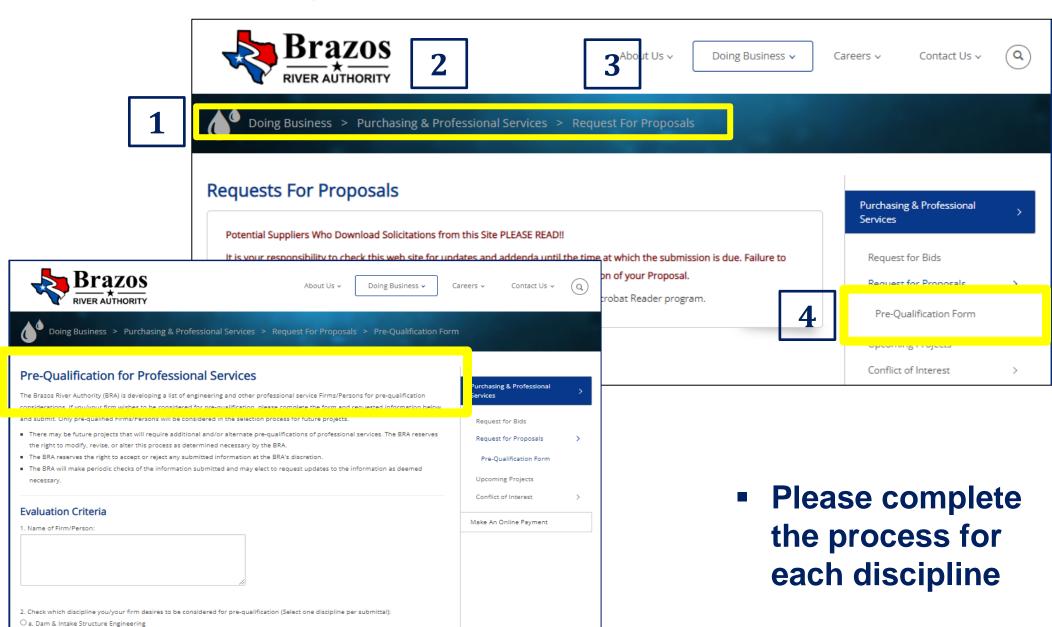
BRA Website: Brazos.Org

Project Forecast





Pre-Qualification Form





Where to Find BRA Info



www.brazos.org





information@brazos.org



Brazos Water



@BrazosWater

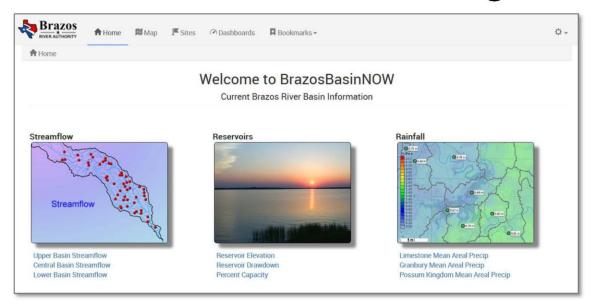


@BrazosWater



Brazos River Authority

Real-time Stream Flows/Reservoir Levels www.BrazosBasinNow.org





BRA Procurement

Bryan Gray Purchasing Manager 254-761-3123 Bryan.Gray@Brazos.Org





Request for Proposals

May 13, 2022 RFP No. 22-05-1260

Dear Prospective Respondent:

Statements of Qualifications hereafter referred to Request for Proposals (RFP or Proposals (NFP or Pro Historically Underutilized Businesses are encouraged to submit proposal

Proposals must be submitted and received no later than the due date at later than the specified time, shall not be considered. The BRA NOT responsible for ensuring the delivery of Proposals.

Refer to Section 16. Delivery of Proposal Submitta structions on submitting a response to this solicitation.

Proposal must be clearly identified as outside of the sealed physical submission or the electronic submission subject line. The I not be responsible for submissions that are not properly identified. Proper identification of d at's proposal is the sole responsibility of the Respondent and failure to do so may result not being included in the proposal opening:

RFP TITLE: ngineering Services

RFP NO:

RFP DUE DATE: 10:00 AM, June 27, 2022

The BRA shall have the right to accept or reject any or all Proposals, or any part thereof, and to waive any technicalities in the interest of the BRA.

BRA will evaluate all relevant COVID-19, health, safety and business factors on all solicitations to determine when to initiate a notice to proceed on all projects, delivery of goods and/or services or procurement of construction related services to best attempt to balance BRA needs and to protect the health and safety of BRA employees, the employees of respondents and the public at large.

Sincerely.

Maegan Nix

Maegan Nix Purchasing Agent



Procurement Process

- Types of Solicitations at the BRA:
 - Request for Bids Commodities and Services
 - Request for Proposals Professional Services
- Development of Solicitations:
 - BRA staff work in a team environment to develop solicitation specifications for each project







Procurement Process

- Solicitation Notices:
 - Newspaper Advertisement
 - BRA Website
 - State of Texas Electronic State Business Daily (ESBD)
 - Email to BRA Vendors Listed
 - Email to State of Texas Centralized Master Bidders List (CMBL)
 Vendors Commodity Codes
 - http://www.brazos.org/Doing-Business/Purchasing-Professional-Services







Questions & Answers







