



Brazos
— ★ —
River Authority

Annual Operating Plan

FY 2025

September 1, 2024 –
August 31, 2025

2025
BRAZOS RIVER AUTHORITY
ANNUAL OPERATING PLAN



Brazos River Authority

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Brazos River Authority FY 2025 Annual Operating Plan

Table of Contents

Tab 1	OVERVIEW & STRATEGIC INITIATIVES	
	Board of Directors.....	1-2
	Management Team.....	1-4
	Distinguished Budget Presentation Award.....	1-5
	Organizational Chart.....	1-6
	Strategic Plan.....	1-7
	Executive Summary.....	1-13
Tab 2	USER INFORMATION	
	2023 Water Use and Reservoir Accounting Summary	2-2
	Brazos River Basin Map	2-4
	Demographic & Economic Information	2-5
	Budget Calendar.....	2-12
	Brazos River Authority Chronology.....	2-14
	FY25 Performance Measures.....	2-29
Tab 3	FINANCIAL SUMMARY	
	Financial Structure.....	3-2
	Financial Overview and Budget Process	3-3
	Fund Schedules for FY 2025	
	FY 2025 – Operating Revenues & Operating Expenses	3-8
	FY 2025 – All Lines of Business Working Capital Summary	3-9
	FY 2023 – FY 2025 Water Supply System Summary	3-10
	FY 2023 – FY 2025 Cost Reimbursable Summary.....	3-11
	FY 2023 – FY 2025 Operating Expenses by Category.....	3-13
	Revenue Detail	
	Water Sales Detail by Type of Contract.....	3-16
	System Water Rate Calculation	3-17
	Raw Water Billing Units by Contract Type & Water Sales Revenue	
	Assumptions	3-18
	Management Fees.....	3-20
	Grants & Local Funding Summary.....	3-21
	Five Year Financial Forecast Assumptions & Overview	3-24
Tab 4	UPPER BASIN	
	Upper Basin Management.....	4-2
	Possum Kingdom Lake.....	4-4
	Lake Granbury.....	4-6

Document Navigation - There are Bookmarks in the PDF document to assist in section navigation. The Table of Contents contains links to each page. There is a "Return to Top" button at the bottom of each page that will return to the Table of Contents.

Tab 5	CENTRAL BASIN	
	Central/Lower Basin Management	5-2
	Williamson County Regional Raw Water Line (WCRRWL)	5-6
	Temple-Belton Wastewater Treatment Plant (T-B WWTP)	5-8
	Doshier Farm Wastewater Treatment Plant	5-10
	Hutto Wastewater System	5-12
	Sandy Creek Regional Water Treatment Plant (SCRWTP)	5-14
	East Williamson County Regional Water System (EWCRWS)	5-16
Tab 6	LOWER BASIN	
	Lake Limestone	6-2
	Allens Creek Reservoir	6-4
	Sugar Land Wastewater	6-6
	Clute-Richwood Regional Wastewater System	6-8
Tab 7	TECHNICAL SERVICES	
	Technical Services Management.....	7-2
	Engineering	7-4
Tab 8	OFFICE OF SECURITY	
	Office of Security	8-2
Tab 9	SPECIAL PROJECTS AND STRATEGIC INITIATIVES	
	Special Projects and Strategic Initiatives	9-2
Tab 10	WATER SERVICES	
	Water Services	10-2
	Federal Reservoirs and Purchased Water.....	10-4
Tab 11	ENVIRONMENTAL SERVICES	
	Environmental Services	11-2
Tab 12	CENTRAL SERVICES	
	Board of Directors.....	12-2
	General Administration	12-4
	Legal Services	12-6
	Government & Customer Relations	12-8
	Human Resources	12-10
	Finance & Administration.....	12-12
	Information Technology Services	12-14
	Central Office Common	12-16
Tab 13	CAPITAL IMPROVEMENT PROJECTS	
	Capital Projects and Long-Range Planning.....	13-3
	Capital Improvement Budget Process	13-4
	Project Classifications and Types.....	13-6
	Capital Improvement Plan Funding	13-8
	Project Index – Alphabetical by Project Name.....	13-9
	Project Index – by Basin Location	13-10

Project Index – by Project Type.....	13-11
Project Summaries by Type.....	13-13
FY 2024 CIP Budgets vs. Estimated Actual	13-14
50-Year Forecast – All Capital Improvement Projects	13-15
FY 2025 CIP Budget – Five Year Detail	13-16
Impact on Future Operating Budgets.....	13-19
Capital Improvement Projects – Detail Sheets	13-21

Tab 14 OPERATING PROJECTS

Operating Projects.....	14-3
Project Classifications.....	14-5
Operating Project Funding.....	14-7
Project Index – Alphabetical by Project Name.....	14-8
Project Index – by Basin Location	14-9
Project Index – by Project Type.....	14-10
Operating Projects by Type	14-11
FY 2024 Budget vs. Estimated Actual	14-12
50-Year Forecast – All Operating Projects	14-13
FY 2025 Operating Project Budget.....	14-14
Impact on Future Operating Budgets.....	14-17
Operating Projects – Detail Sheets.....	14-19

Tab 15 DEBT SERVICE

Debt.....	15-3
Outstanding Debt Summary - By Type as of August 31, 2024	15-4
Detail of Outstanding Debt	15-6
Coverage and Proposed Debt	15-8

Tab 16 PERSONNEL & STAFFING

Changes in Budgeted Positions – FY 2025	16-3
List of Authorized Positions by Department.....	16-4
Pay Group Schedules FY 2025.....	16-12

Tab 17 EXPENDITURE DETAIL

Outside Services.....	17-2
Capital Outlay Requests	17-6
Technology Items	17-9

Tab 18 FINANCIAL POLICIES

Financial Policies.....	18-3
Fiscal Year 2025 Budget Resolution.....	18-13

Tab 19 GLOSSARY & Acronyms

Glossary	19-2
Acronyms, Agencies, & Organizations	19-7
Flooding Definitions	19-12

Document Navigation - There are Bookmarks in the PDF document to assist in section navigation. The Table of Contents contains links to each page. There is a "Return to Top" button at the bottom of each page that will return to the Table of Contents.



Brazos River Authority

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OVERVIEW AND STRATEGIC INITIATIVES



Brazos
RIVER AUTHORITY

Board of Directors

Director



Gary Boren

Director



Austin Ruiz, O.D.

Director



Judy Ann Krohn, Ph.D.

Director



Catherine "Cat" Parks

Presiding Officer



Cynthia A. Flores

Director



Jennifer "Jen" Henderson

Director



Christine Giese

Director



Mike Fernandez

Director



Jim Lattimore, Jr.

BRAZOS RIVER BASIN

Lubbock

Graford
Upper Region

Abilene

Hamilton



Assistant Presiding Officer



Rick Huber

Director



Appointment Pending

Director



Anthony Mbroh

Secretary



Wesley D. Lloyd

Director



W. Wintford Taylor, III

Director



R. Wayne Wilson

Director



Thomas Abraham

Director



Moid "Mike" Khan

Director



David Savage

Director



Helen Jimenez

Director



Traci Garrett LaChance

Director



Jarrod D. Smith

Dallas

Granbury

Central Region

Waco

Harker Heights

Georgetown

Round Rock

Lower Region

Bryan

Brenham

Katy

Sugar Land

Richmond

Danbury

BRAZOS RIVER AUTHORITY



Management Team



Michele Giroir
Chief Financial Officer



David Collinworth
General Manager/CEO



Lauralee Vallon
General Counsel



Jon King
Special Projects &
Strategic Initiatives
Manager



Matt Phillips
Legislative &
Governmental
Affairs Manager



Luke Collins
Chief Technology
Officer



Monica Wheelis
Human Resources
Manager



Blake Kettler
Technical
Services Manager



Brad Brunett
Regional Manager,
Central/Lower Basin



Michael McClendon
Regional Manager,
Upper Basin



Robert Starnes
Security
Manager



Tiffany Malzahn
Environmental &
Compliance
Manager



Aaron Abel
Water Services
Manager



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

**Brazos River Authority
Texas**

For the Fiscal Year Beginning

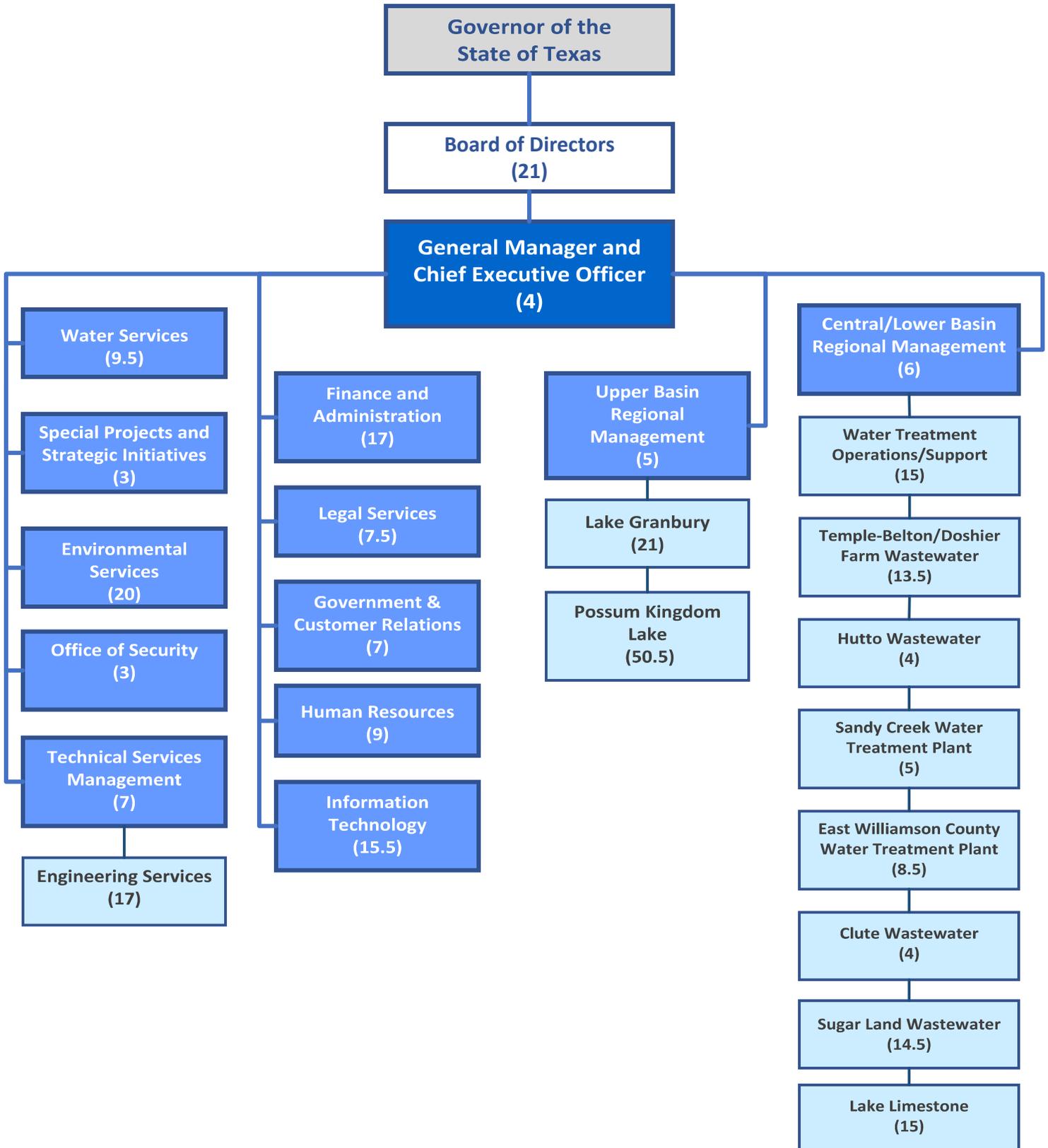
September 01, 2023

Christopher P. Morrill

Executive Director

Brazos River Authority Organizational Chart

(Including Position Counts)



CONSTITUENCY/CUSTOMERS OF THE BRA:

Advisory Boards, Water Customers, Elected Officials, Bond Rating Companies, and the Citizens of the Brazos River Basin.



Brazos River Authority Strategic Plan FY2024 – FY2029

Mission Statement

The Brazos River Authority (BRA) exists to develop, manage, and protect the water resources of the Brazos River Basin.

Vision Statement

To be a trusted leader in water resource quality, availability, and resiliency for current and future generations of the Brazos River Basin.

Guiding Principles

- Quality People – The right people for the right job
- Integrity and Respect
- Ownership and Accountability
- Commitment to Service and Stewardship
- Innovation and Continuous Improvement

Goals, Objectives, and Strategies

I. Develop water resources to support the needs of the basin.

- a. Continue the development of surface and groundwater projects with consideration of customer needs, environmental sensitivity, and economic feasibility.
 1. Delivery of the Allens Creek Reservoir project.
 2. Complete Lake Whitney Reallocation study.
 3. Develop additional groundwater supplies for conjunctive use with surface water supplies.
 4. Participate in groundwater/surface water interface studies that advance the understanding of the water transfer between groundwater and surface water systems.
- b. Support the development of innovative water projects with consideration of customer needs, environmental sensitivity, and economic feasibility.
 1. Explore aquifer storage and recovery options for use in the basin.
- c. Research and develop infrastructure needed for the conveyance/transportation of water to areas of need.
 1. Delivery of the Lake Belton-Stillhouse Hollow Pipeline project.

II. Manage water resources for the benefit of the basin.

- a. Manage water resources as a system.
 1. Operate and manage our existing water supply system in an efficient manner in consideration of our customer needs, water rights, the environment, and contracts.
 2. Update the Water Management Plan.

Goals, Objectives, and Strategies

- b. Ensure the operation and maintenance of BRA water supplies and associated infrastructure in a safe, responsible manner in compliance with all applicable requirements.
 - 1. Complete Williamson County Regional Raw Water Line maintenance and improvements.
 - 2. Expand East Williamson County Regional Water System and complete maintenance and improvements.
 - 3. Complete Lake Limestone Dam maintenance and improvements.
 - 4. Complete Morris Sheppard Dam maintenance and improvements.
 - 5. Complete DeCordova Bend Dam maintenance and improvements.
- c. Provide for contract operation and maintenance of water and wastewater treatment facilities in situations where there is a benefit or desire by the customer entity, a benefit to the BRA, and alignment with BRA capabilities.
 - 1. Continue water and wastewater treatment operations.
 - 2. Explore treatment operations opportunities.

III. Protect the water resources we are entrusted with.

- a. Environmental leadership through monitoring programs and studies to support the development, management, and protection of the water resources of our basin.
 - 1. Enhance data collection efforts.
 - 2. Improve process related to water quality sampling.
 - 3. Expand programs to further our knowledge base.

Goals, Objectives, and Strategies

- b. Ensure environmental stewardship and resource protection through strategic partnerships and engagement in policy development.
 - 1. Implement species conservation strategies through collaborative processes.
 - 2. Conduct environmental studies to support science-based decision making.
 - 3. Continued engagement in policy discussions.
- c. Promote responsible water resource management now and in the future.
 - 1. Support and engage in current infrastructure maintenance and operation projects.
 - 2. Serve as a resource to inform future project development.
 - 3. Identify opportunities for water resource management improvements.

IV. Advance operational efficiency.

- a. Active engagement in planning processes to ensure readiness for future basin needs.
 - 1. Participate in state water planning.
 - 2. Engage in strategic planning.
 - 3. Participate in state flood planning.
- b. Proactive process improvements to support stewardship of resources.
 - 1. Complete Risk Based Capital Asset Management project.
 - 2. Improve long range financial forecasting ability.
 - 3. Implement internal operational process improvements.
- c. Systematic management of organizational risk.
 - 1. Develop and implement strategic risk management framework.

Goals, Objectives, and Strategies

2. Continue Emergency Management program development.
3. Develop and implement Business Continuity program.

V. Ensure a robust connection with our stakeholders.

- a. Ensure transparency through proactive public information efforts to support the BRA's mission and goals.
 1. Promote BRA educational efforts.
 2. Maintain outreach efforts.
- b. Develop positive working relationships with all stakeholders to strategically position BRA to accomplish its goals.
 1. Continued engagement of Customers and Stakeholders.
- c. Actively monitor and engage on legislative and regulatory initiatives to support the BRA's mission and goals.
 1. Sustain strategic partnerships.
 2. Connection with local elected officials.
 3. Identify and manage key issues.

VI. Cultivate a culture of employee excellence.

- a. Recruit, develop and retain the right people for the right job.
 1. Enhance recruiting efforts.
 2. Invest in employee training and development programs.
- b. Promote an organizational culture that values employee contributions, embraces collaboration, supports diversity, recognizes achievements and encourages a healthy workforce through programs and initiatives.
 1. Foster positive employee relations.

Goals, Objectives, and Strategies

2. Provide holistic wellness benefits and initiatives that promote overall employee well-being.
- c. Ensure a safe working environment, promote a safety conscious attitude in all employees and facilitate the implementation of proactive steps to reduce accidents and incidents.
 1. Deploy a comprehensive safety program.
 2. Effectively respond to accident/incidents.

Brazos River Authority FY 2025 Annual Operating Plan

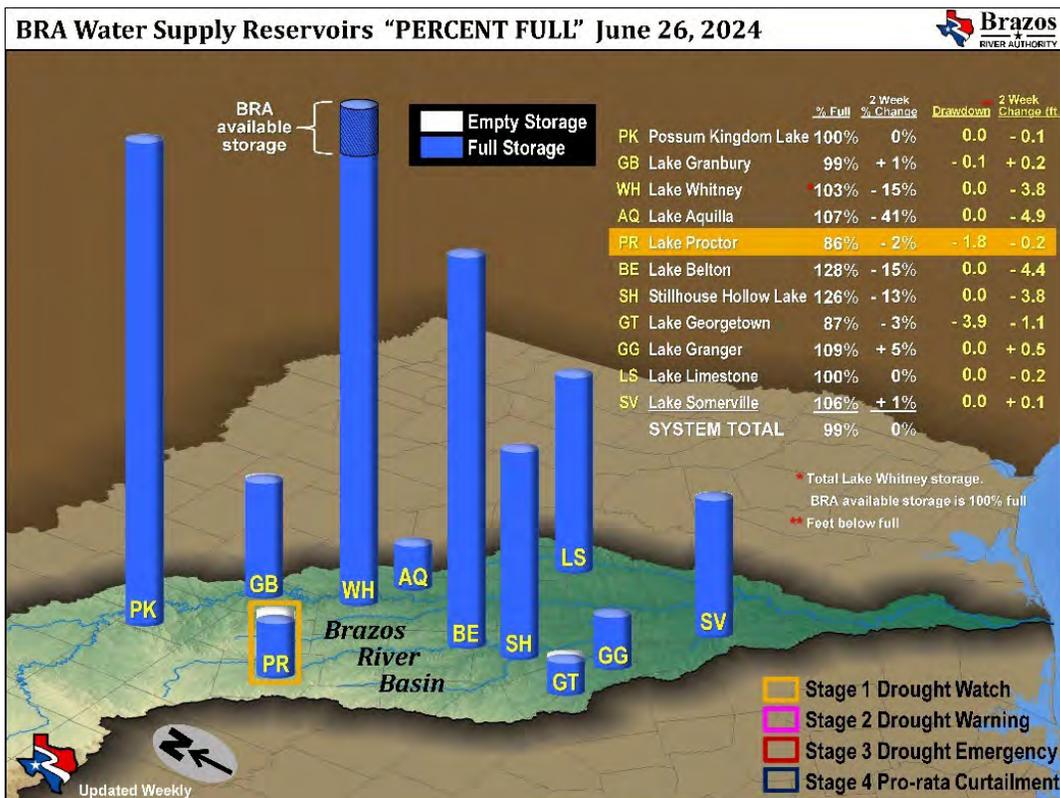
Executive Summary

To the Board of Directors of the Brazos River Authority:

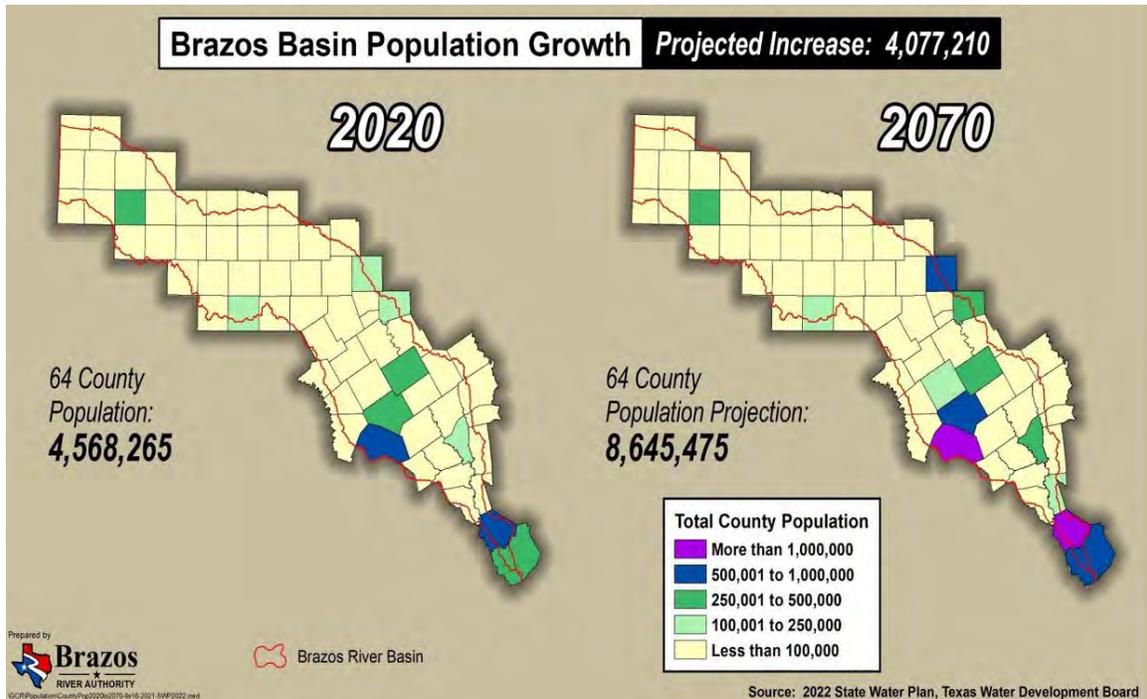
I am honored to present to the Board of Directors the proposed FY 2025 Annual Operating Plan for the Brazos River Authority (BRA). This document represents the culmination of hundreds of hours of work from our dedicated staff throughout the basin.

The State of the Brazos River Authority

As we prepare to begin a new fiscal year, our reservoir system is near full for the first time in nearly three years. The drought that began in the fall of 2021 ended with near record rainfall totals in the spring of 2024. This most recent drought was the second major drought in our basin in less than 15 years. We are reminded once again of how quickly conditions can change, both for the good and for the bad, and what a precious resource our water is.



Weather conditions are just one of the challenges the BRA faces in fulfilling our mission. We continue to see high population growth in many areas of our basin, driven by a Texas economy that is expanding faster than the national average. With this growth comes increased water demands and pressure to develop new water supplies in a much shorter timeframe.



In the face of these challenges our organization continues to focus on developing new water supplies, maintaining our aging infrastructure, and being good stewards of the water supply we already have to ensure its continued availability for future generations. As further detailed below, the BRA continues to make progress in each of these critical areas.

Economic Outlook and Impacts

The U.S. Economy continues to excel, both in growth and inflation. Gross domestic product continues to increase on resilient consumer spending, despite persistent inflation. Interest rates remain relatively high, as compared to the years since the Great Recession of 2008, but are on par with interest rates in the decade prior to that.

The labor market continues to outpace forecasts, with unemployment remaining at or below 4% and an average of 300,000 new jobs being added each month for the last two years. After initially lagging behind the rate of inflation, wage gains have been helping consumers recover some of their lost buying power. While this is good news for workers, it is also an indicator that the Federal Reserve may postpone any action to cut interest rates until later in calendar year 2024, although the Federal Reserve has stated that a strong job market is not a primary cause for

concern around inflation. Indicators point to a “soft landing” as opposed to the small recession that was previously forecast.

The specific impacts of these factors on the BRA are multi-faceted. Stubborn inflation continues to affect the prices of products such as chemicals, equipment, and consumables that are vital to BRA’s operations. With the strong job market, it is challenging and more expensive to attract and retain qualified and quality employees. Our investments are seeing better returns due to higher interest rates, but as we anticipate heading to the debt market in the next few years, the higher rates on borrowing will make it more expensive to implement the capital projects that are needed to not only maintain our existing water supplies, but to also create new water supplies to support our growing population.

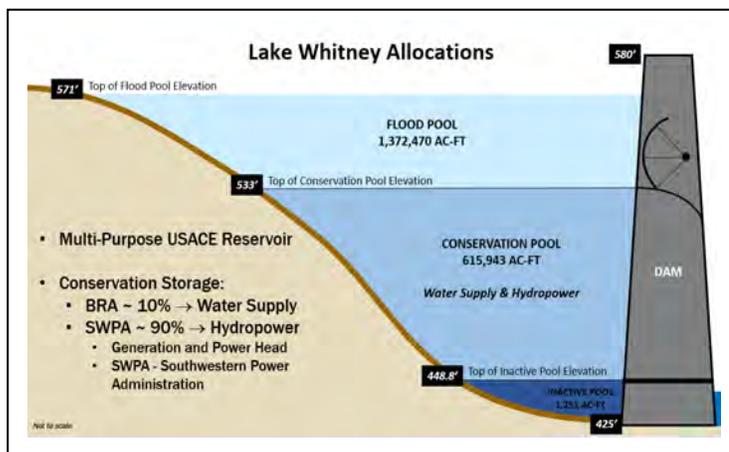
Investment in Strategic Priorities

In keeping with the Board’s direction and in consideration of the future needs of the Brazos basin, the following projects and programs will be the focus of the BRA for FY 2025, consistent with the BRA’s Strategic Plan:

Develop water resources to support the needs of the basin

Lake Whitney Storage Reallocation

Lake Whitney is the largest reservoir in the Brazos River basin by volume and is unique among others due to its utilization for hydropower generation, with most of its conservation storage unpermitted by the State. Due to its large size and location on the main stem of the Brazos River, Lake Whitney has the potential to provide greater water supply benefits to the basin than BRA is currently authorized.



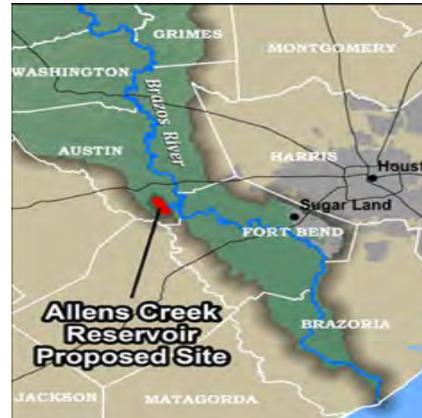
After many years of BRA effort to secure authorization and federal funding, the 2023 United States President’s budget included funding to study the feasibility of a reallocation at Lake Whitney, potentially enabling the BRA to secure additional water supply for the basin.

The federal cost share agreement between U.S. Army Corps of Engineers (USACE) and BRA for the three-year reallocation study was executed in the third quarter of FY 2023. This study is the first step in the process of any major pool reallocation at a USACE reservoir and is anticipated to conclude in FY 2026. Topics that will be evaluated by this study include: options for reallocating existing storage within the reservoir; the amount of increased water

supply potentially available; potential impacts to hydroelectric generation and impact mitigation options; effects on structural, environmental, recreational, and cultural resource impacts; the ability of the reservoir to continue to serve its flood control purpose; reallocation costs; and water supply alternatives to reallocation.

Allens Creek Reservoir

Allens Creek Reservoir is a proposed new off-channel reservoir in the lower Brazos River basin that was originally structured as a joint project between the BRA and the City of Houston. Due to the increasing need for water supply in the Brazos River basin, the Brazos River Authority purchased full rights to the reservoir from the City of Houston and the Texas Water Development Board (TWDB). The sale was completed in early May 2022 and now the BRA is the sole developer/owner of the reservoir. In FY 2024, the BRA continued preliminary studies and activities to support permitting and initial design of the reservoir. Throughout FY 2025, staff will continue to engage in activities to further the development of the project. Reservoir projects are complex and multifaceted in nature, requiring a lengthy timeframe for completion. The permitting, design, and construction activities for the Allens Creek Reservoir project will likely take a decade or more to complete; however, once the project is complete, it is anticipated to provide a substantial new water supply for the lower Brazos River basin.



Belhouse Drought Preparedness

The Belhouse Drought Preparedness project, which is a proposed pipeline from Lake Belton to Lake Stillhouse Hollow, will help meet the growing demand for water at Lake Stillhouse Hollow with existing water supply from Lake Belton. Preliminary engineering work on this project is completed, and engineering design and permitting work are expected to be underway in FY 2025.

Other New Water Supply Strategies

With regard to other new water supply development, the BRA is actively evaluating groundwater projects with other innovative options to help meet future needs along the I-35 corridor in Bell and Williamson Counties. We are also partnering in a study with the Gulf Coast Water Authority and the Harris-Galveston Subsidence District to evaluate seawater desalination on the Gulf coast.

Manage water resources for the benefit of the basin

System Operation Permit and Water Management Plan

The System Operation Permit (Permit) and Water Management Plan (WMP) maximize the availability of water currently accessible to BRA customers throughout the Brazos River basin. Over the last several years, we have utilized the authorizations and conditions of the Permit and WMP to deliver water to our customers. One condition within the Permit is a requirement to revisit the Permit and WMP every ten years and to submit a formal application for reconsideration or amendment of the WMP to the Texas Commission on Environmental Quality (TECQ). The first submission is due in November 2026, with preparation and planning for this process currently underway.

Williamson County Regional Raw Waterline Expansion

The expansion of pumping capacity for the Williamson County Regional Raw Water Line (WCRRWL) is needed to meet growing demands of BRA customers at Lake Georgetown. Preliminary engineering work for this effort began in FY 2022, and detailed engineering will begin in FY 2025. A comprehensive condition assessment of the entire WCRRWL system including the pump station, pipeline, and discharge structure was completed in FY 2023, and recommendations from this study have been incorporated into the expansion project. In order to enhance the reliability of the WCRRWL, construction work to install a Copper Ion Generator at the WCRRWL Lake Stillhouse Hollow intake structure was completed in FY 2024. This project will help control invasive zebra mussels within the pump station and pipeline.

East Williamson County Regional Water System Expansion

Engineering work for the next expansion of the East Williamson County Regional Water System (EWCRRWS) is underway and will continue in FY 2025. Detailed engineering design work will be performed for a new treated water delivery line, infrastructure required to begin blending groundwater from the Trinity aquifer, and a 10 million gallons per day (MGD) expansion of the surface water treatment plant. These projects are required for the BRA to meet the growing treated water needs of its east Williamson County customers. This project will also further assess potential implementation of Aquifer Storage and Recovery (ASR).

Dam Maintenance

Maintenance of existing dam infrastructure is essential for safety and continuing to meet the water supply demands of the Brazos River basin and our customers. This includes BRA dams and USACE dams that are, in part, funded by the BRA. As the dam infrastructure ages, additional maintenance and the need for replacement and rehabilitation of various components to extend the service life of these facilities is increasing. The BRA's approach to maintenance is multifaceted, relying on the expertise of multi-disciplined engineers, consultants, and contractors, as well as the equally skilled and knowledgeable on-site BRA maintenance staff.

The most significant assessment and maintenance project at Morris Sheppard Dam (Possum Kingdom Lake) is the Concrete Assessment and Service Life Extension (CAASLE) project. The project will guide and focus maintenance activities associated with the concrete elements of the structure for several years. Two other significant maintenance projects at Morris Sheppard Dam (Flow Control Gate Replacement & Pier Plate Wall Replacement) are underway and being performed through BRA's in-house Reservoir System Maintenance Unit (RSMU).

At DeCordova Bend Dam (Lake Granbury), our Low Flow Facilities project has been a principal area of emphasis providing the ability to more accurately moderate or regulate downstream flows. Construction began in FY 2022 and was expected to be complete in the late Spring FY 2023. Unfortunately, gate manufacturer issues arose just prior to substantial completion and the project has been temporarily delayed.

At the Sterling C. Robertson Dam (Lake Limestone), a major construction project is underway to replace the five Tainter gates which are utilized to pass flood flows through the reservoir. Replacement of the gates began in FY 2023 and should conclude in FY 2025. Additional components of this project include replacement of the gate power transmission systems, providing cathodic protection, and new coatings. Work will begin in the coming years on the dam's low flow gates and its hydrostatic relief system.



Significant enhancements and maintenance to our infrastructure is required to continue the level of service these critical assets provide. The various BRA departments, along with our consultants and engineers, are committed to improving and extending the service life of these facilities.

Protect the water resources we are entrusted with

Water Conservation

As a wholesale water provider, BRA actively promotes water conservation and education on its website and in direct communications with its customers.

BRA's website has a section dedicated to water conservation, including articles on conservation inside the home, with a focus on saving consumers' money and utilizing native Texas plants to reduce the amount of required outside watering. Permanent web articles also focus on the process of rainwater harvesting and the overall need for conservation as a means of prolonging this limited natural resource.

The BRA also utilizes its website to highlight articles on water conservation on the home page, focusing on how water conservation applies to current weather and seasonal conditions. These articles are cross marketed on the BRA's social media accounts to draw attention to this pertinent information.

An additional benefit of increased water conservation is that it can delay expensive capital investments to upgrade or expand water and wastewater infrastructure, conserve energy, and protect water quality. The BRA maintains a water conservation plan and assists its customers, where appropriate, by publishing water conservation news and success stories on the BRA website.

We will continue to investigate and evaluate the BRA's role in water conservation strategies and how we can be of better service to our entire customer base in promoting the wise use of water.

Environmental Laboratory Complex

The BRA's existing environmental laboratory was designed over 20 years ago and did not include room for boat storage or workshop space for BRA's aquatic scientists. Over time, the demands from internal projects and the analyses required by TCEQ have grown to a existing laboratory space is insufficient to support current workloads, does not allow for expansion of additional analyses, and limits BRA's ability to adapt to future regulatory requirements.

In January FY 2024, the Board of Directors authorized the construction of a new Environmental Laboratory Complex consisting of a new laboratory building and a boat storage/workshop building. The design of the new facilities anticipates the need to meet not only current workload and analytical capability needs, but also future needs, as it includes space for expansion of analytical capabilities and volumes. Construction of these facilities began in the Spring of FY 2024 and is anticipated to be complete in the Summer of FY 2025.



Upon completion of the project, BRA's Environmental Services Department will be able to increase its analytical volume and expand its analytical capabilities to not only support the BRA's mission of protecting natural resources of the Brazos River basin, but also to support other BRA departments on a variety of projects, including: new water supply development, infrastructure maintenance, and new infrastructure projects.

Advance Operational Efficiency

State And Regional Water Planning

In support of the State Water Plan (SWP), the BRA actively participates in three regional water planning groups – Region G (Brazos G), Region O, and Region H. The BRA continues to assist Brazos G as its administrative agent and designated political subdivision for managing the contracts with the TWDB for grant funding and the professional services contract with the technical consultants selected by the planning group. The BRA has a staff representative that serves as a voting member on each of the three planning groups. The

sixth cycle of regional water planning was initiated in FY 2022. Work to date has focused on evaluation of population projections, water demand projections, existing water supplies, and water needs. The development of water management strategies to meet the needs of each region is occurring in FY 2024. The final regional water plans for the sixth cycle of planning are due to be submitted to the TWDB in October 2025, and the compilation of the approved regional water plans will culminate with the 2027 SWP.

State And Regional Flood Planning

The 2019 Texas Legislature expanded the Texas Water Development Board's role in flood planning through its administration of a regional and state flood planning process, similar to the Regional Water Planning Process. The initial flood planning groups were formed in October 2020.

The Brazos River basin was divided into two regional flood planning groups. The Upper Region is known as Region 7, while the Lower Brazos Regional Flood Planning Group is designated as Region 8. The BRA has staff serving as voting-members on both regional flood planning groups. The Lower Brazos Regional Flood Planning Group designated the BRA to be its sponsor and manage its administrative responsibilities.

The regional flood planning groups submitted the first ever regional flood plans in January 2023, which identified and evaluated potential flood management strategies, additional data needs, and projects to mitigate flooding throughout the State. The 2023 regional flood plans will be the basis of the first State Flood Plan, which is expected to be adopted in September 2024. The second cycle of regional and state flood planning began in the second quarter of FY 2024. Regional flood plans for the second cycle of flood planning are anticipated to be adopted and submitted to the TWDB in January 2028. The approved regional flood plans will be compiled into the second state flood plan in 2029.

Risk-Based Asset Management & Capital Planning

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 operation and maintenance activities at our facilities, financial software system and other various sources to integrate into an enterprise resource planning system. This program is not intended to increase operating revenue or expense but improve planning of operating and capital expenses by developing an accurate long range capital improvement plan to support the Long-Range Financial Plan (LRFP).

This initiative will help improve decision making on asset renewal through improved prioritization of assets across BRA and improve long-term capital forecasting efforts through better assessment of renewal needs. An additional benefit of this initiative is providing enhanced business continuity and operational resiliency efforts.

Efforts towards this multi-year implementation of the program began in Fiscal Year 2021 and is ongoing. Over the past two years, BRA has selected to follow the Institute of Asset Management (IAM) framework, performed the gap assessment, and developed levels of services and key performance indicators for evaluating risk of BRA's assets. The condition assessment and risk evaluation has been performed for the pilot programs at East Williamson County Water Treatment Plant and Morris Sheppard Dam (Possum Kingdom Lake), and this methodology will be expanded across all BRA assets in Fiscal Year 2025. With respect to the selection of a new asset management software system, BRA has solicited a Request for Proposals (RFP) pursuing the acquisition of a system to support the efforts of the program. The implementation of the software system will begin in FY 2024 and conclude in FY 2025. BRA has begun to see the benefits from this initiative and should continue to further develop our asset management and capital planning functions in the next couple of years.

Strategic Plan

BRA's Strategic Plan has historically been approved annually in conjunction with the development of the Annual Budget. For the FY 2024 Strategic Plan, we have transitioned to a five-year term approval in order to better represent the long-term intent of strategic planning. The process for approval will remain consistent with previous years, however, it will only require approval at the end of the five-year term. The approval process includes presentation to the Board to gather comments within a Strategic Planning workshop, posting on our external website for public comment prior to finalization, and presentation to the Board for review and adoption prior to the start of the fiscal year. In addition to the Board approval, BRA staff engage in periodic reviews each year to discuss performance of each identified strategy or initiative. Through active management of the Strategic Plan, BRA staff are better informed and afforded the opportunity to proactively adjust priorities throughout the fiscal year if conditions change.

Integrated Water Resources Plan

The initiation of the Little River Watershed integrated water resources plan (IWRP) began in Fiscal Year 2022 and was completed in FY 2024. The project focused on the Little River Watershed to help guide water supply management and development in support of the significant growth in the Central Region of our basin. Integrated water resources planning leverages advanced planning, modeling, and decision-making techniques to build an adaptive plan that considers potential future demands and operational scenarios of a water supply system. The information from the IWRP can be integrated into the regional and state water planning process.

Long Range Financial Planning

The BRA coordinated development of a Long-Range Financial Planning (LRFP) tool almost twenty years ago. The tool illustrates how current decisions and project planning impact the future financial position of the BRA and

provides our customers with forecasted System Water Rates for their budget planning and ratemaking purposes. The model has the capability of modeling alternative projects and serves as a financial risk management tool relating to cash flow, bond covenants and Board policies. It is the basis for credit agency reviews in order to achieve a favorable rating, resulting in economical financing terms and cost savings for our customers. With the new emphasis on pursuing projects to both shore up our existing infrastructure and to also bring new water supplies to our customers, the LRF process will take on a greater role in guiding our financial decision-making process.

Ensure a robust connection with our stakeholders

Transparency and proactive communication with the public, stakeholders, elected officials, consultants, and customers is paramount to the success of the BRA in carrying out its mission. The development and continued enhancement of these relationships strategically positions BRA to accomplish its goals.

The BRA has developed and seeks to enhance the multiple avenues of engagement it has created to receive and disseminate information. Communication efforts include annual water customer meetings which provide an overview and opportunity to comment on the forthcoming budget, planned projects, status of water supplies and general information.

BRA live streams its Board of Director meetings providing greater access and convenience to interested parties. Afterward, the Board meeting video, Board minutes and Board actions are all placed on BRA's website for review.

Additionally, BRA operates and maintains a robust social media platform allowing real time interaction with all to include information on flood events, water releases, park information or any topics of interests. BRA also continues to provide educational outreach attending and speaking at numerous events, venues, and organizations across the Brazos River basin.

Cultivate a culture of employee excellence

Recruitment and Retention

Finding the right people for the right job is critical to the continued success of the BRA. Human Resources (HR) continues their outreach efforts by attending career fairs and various community recruiting events at local high schools, colleges, universities, and the Texas Workforce Commission. The applicant tracking system in place is user friendly and provides candidates the option to apply from any device, in their language of preference. This versatile technology allows the BRA to attract a diverse pool of candidates for consideration. To retain the best employees, HR is continuing to build a comprehensive training and development program aimed at providing employees with training, mentoring, coaching, and development opportunities that will enable and encourage them to grow in their careers with the BRA.

Employee Relations

The BRA values employee contributions, recognizes achievements, and encourages a healthy workforce. Various teambuilding activities done throughout the year help to foster positive employee relationships and more cohesive teams. Each year Human Resources conducts a health and wellness fair at several locations to promote overall employee well-being. These events are holistic and include topics on financial, mental, and physical wellness. To further our efforts to be competitive with the market, and show employees we value their contributions, we will be contracting with a consultant to conduct a compensation study in FY 2025.

Safety Initiatives

The BRA continues to promote a proactive safety culture throughout the basin by empowering employees to think safety before starting any task, stop work if they have safety concerns, actively find ways to perform their jobs more safely, and regularly meet to develop site-specific safety strategies and protocols to ensure their work environment is safe. The safety group will continue to conduct relevant safety trainings each month, at every location, ensuring that safety teams at all locations hold monthly safety team meetings. Regular safety inspections at every location, proper care and maintenance of safety equipment, and PPE replacement are critical to ensuring the safety of BRA employees. Safety will also continue to respond to accidents/incidents and implement proactive steps to reduce future incidents.

Financial Review

The overall financial goal of the BRA is to provide adequate resources to meet both current and future needs of the BRA, while adhering to high standards of stewardship and accountability.

In preparing the FY 2025 Annual Operating Plan, the following assumptions were incorporated:

- The FY 2025 proposed Budget assumes that the recommended System Water Rate will increase by 6.4% to \$99.50 per acre-foot. See Tab 3 for additional water sales revenue assumptions.
- The FY 2025 Budget includes \$92.7 million for operating expenditures and \$43.1 million for capital improvement projects.
- The proposed FY 2025 Budget also assumes that the BRA will invest \$38.1 million of Water Supply System Rate Stabilization Reserves in capital improvement projects. The projected FY 2025 ending working capital balance for Water Supply System reserves is \$72.1 million.

Revenue Discussion

Total operating revenue for FY 2025 is projected to be \$102.3 million, resulting in a FY 2025 Water Supply operating surplus of \$4.6 million, which is \$1.6 million higher than the FY 2024 budgeted surplus.

Raw Water Sales Revenue

Raw water sales are the largest source of funding for the BRA, making up more than half of all revenues. The BRA sells raw water to customers throughout the basin for municipal, industrial, and agricultural use under several different contract types. Raw water sales are expected to increase revenue by \$4.0 million in FY 25. Revenue from water sold under our System Water Rate contracts is expected to increase by \$3.3 million due to a 6.4% increase in the System Water Rate and also an increase in the amount of water sold under this category of contract. The rate for water sold under our Agriculture contracts is tied to the System Water Rate which will result in an increase of \$300K in Agriculture water sales. Water sold under our Lower Colorado River Authority (LCRA) contracts will increase revenue by \$500K due to an increase in LCRA's water rate which will be passed through to the contract holders.

Cost Reimbursable Operations Revenue

The BRA operates several water and wastewater treatment facilities and a raw water transmission line under cost-reimbursable contracts with local government entities. This means that all operating, capital and debt costs are recovered from participants on an annual basis. Any excess funds at the end of the fiscal year are returned to the participants. In addition to the high-quality, low-cost service provided to regional participants, the BRA benefits from these contracts through the collection of management fees and overhead allocations. Cost Reimbursable Operations revenues are projected to stay fairly level with FY 24, with an increase of only \$300K, mainly due to increases in the cost of treatment chemicals and sludge handling.

East Williamson County Regional Water System

The BRA owns and operates the East Williamson County Regional Water System (EWCRWS) in Taylor, Texas, and sells treated water from that facility to three customers. Revenues from EWCRWS are expected to increase by \$2.5 million due to increased demand from the three customers as well as rate adjustments per our contracts with those customers.

Sugar Land Wastewater

The BRA has performed wastewater treatment operations for City of Sugar Land since 1975. Over the years, this relationship has expanded to include four separate wastewater treatment plants. Revenue from this operation will increase by \$227K in FY 25, mainly due to increases in the cost of treatment chemicals and sludge handling.

Interest Income

Interest income is expected to increase by \$1.8 million due to the increase in interest rates and higher than expected reserve balances.

Other Revenue Sources

Other minor revenue sources are expected to increase by \$367K in FY 2025.

Revenues (000's)	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Raw Water Sales	\$49,855	\$52,421	\$53,646	\$56,436
Cost Reimbursable Operations	16,824	22,958	21,013	23,227
Lake Operations	602	541	567	555
East Williamson County RWS	6,353	7,079	7,410	9,532
Sugar Land WW	3,991	4,907	4,502	5,134
Grant/Stakeholder Funding	1,471	1,378	1,168	1,835
Management Fees	524	597	613	642
Interest Income	3,995	3,149	6,360	4,936
Miscellaneous	68	51	68	51
Totals	\$83,683	\$93,081	\$95,347	\$102,348

Expenditure Discussion

Salaries and Benefits

As a service based organization, Salaries and Benefits are the BRA's largest expenditure categories. The FY 2025 Salaries budget includes a 2.5% Employment Cost Index (ECI) adjustment and a 3% merit raise pool. ECI adjustments are made at the beginning of the fiscal year, while merit adjustments are made in December after the employee evaluation process. Five full-time positions are being added to the authorized positions list for FY 25, details are included in the Personnel and Staffing section of this document.

After several years of fairly level health insurance rates, we are anticipating a significant increase in premiums for FY 25. All other benefit costs are expected to remain fairly level with FY 24.

Outside Services

We are expecting an increase in the budget for line items included in the Outside Services expense category of \$2.8M (23%). BRA's share of expenses related to our storage space in Federal Reservoirs is increasing by \$1M based on estimates from the U.S. Army Corps of Engineers. Costs related to required inspections and surveys of our dam infrastructure (\$500K), the update of our System Operation Water Management Plan (\$700K), and engineering services for a water right evaluation (\$400K) round out the total.

Operating Projects

Operating Projects are multi-year endeavours of a non-recurring nature. They differ from Capital Improvement Projects in that they do not create a capital asset. Operating Projects include tasks such as studies and assessments,

technology upgrades, and infrastructure repairs. These activities are funded with current revenues. Most of the Operating Projects budgeted for FY 25 are continuations of tasks initiated in prior years. Several new projects are being initiated in FY 25, including the development of a Comprehensive Water Quality Modeling Tool for the Possum Kingdom watershed (\$1.5M) and the replacement of several out-of-date elevators at Possum Kingdom (\$800K). Details of all planned Operating Projects are included in Tab 14.

Other Expenditures

Increases among all other expenditure categories are increasing by 0.50% in the aggregate. Detail of all expenditure categories is included on page 3-13.

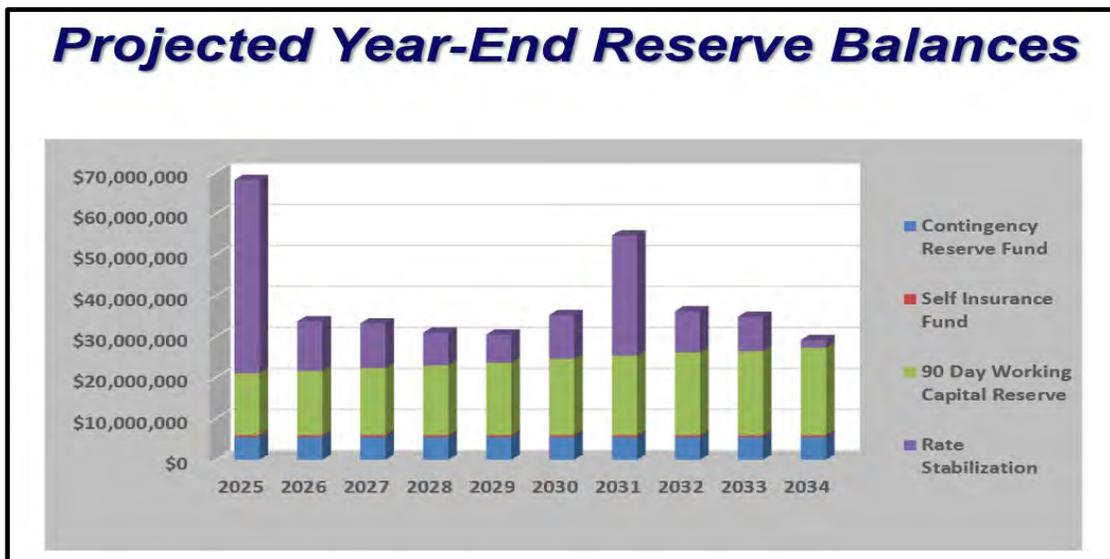
O&M Expenses (000's)	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed	% increase
Salaries	\$19,328	\$21,791	\$20,672	\$23,566	8.15%
Benefits	7,615	8,877	8,211	9,957	12.17%
Outside Services	8,634	12,172	10,002	14,998	23.22%
Operating Projects	2,277	5,442	3,730	7,075	30.01%
Other Expenditures	27,836	36,928	34,993	37,113	0.50%
Totals	\$65,690	\$85,210	\$77,608	\$92,709	8.8%

Water Supply System Working Capital

Working Capital Reserves on August 31, 2024, for the Water Supply System, are projected to increase \$38.5 million, from a projected \$67.1 million per the FY 2024 Budget, to \$105.6 million. The changes during FY 2024 are summarized below:

- FY 2024 beginning reserves higher than forecast \$ 5,568,000
- FY 2024 operating expense reductions \$ 7,687,000
- FY 2024 capital improvement project reductions \$ 22,831,000

The FY 2025 Budget assumes that \$38.1 million in working capital is expended on capital projects (see Tab 13) resulting in projected \$72.1 million estimated working capital reserves on hand on August 31, 2025.



The total Working Capital Reserve supports several financial goals of the BRA. Prudent financial planning requires adequate reserve funds for contingencies. Below are highlights of the intended uses for BRA's Working Capital Reserves.

Name	Description	FY 2025
90 Day Working Capital	90 days of budgeted O&M expenditures	\$15.2 million
Contingency Fund	For unexpected expenditures. Due to the expansive nature of some of BRA's assets, an unexpected failure could be very expensive.	\$5.5 million
Self-Insurance Fund	BRA is self-insured, so this contingency is set up in case of bad claims experience	\$0.5 million
Rate Stabilization Fund	This fund will be used in order to minimize large fluctuations to the System Water Rate due to capital projects.	\$50.9 million

Conclusion

Progress in our business rarely comes quickly. It's not often measured in days or weeks, but instead in years or even decades. We continue to make progress despite the many challenges facing our organization. With dedication and focus on our core mission, the BRA is well positioned to meet the growing needs of our basin, now and in the future.



David Collinsworth
General Manager/CEO



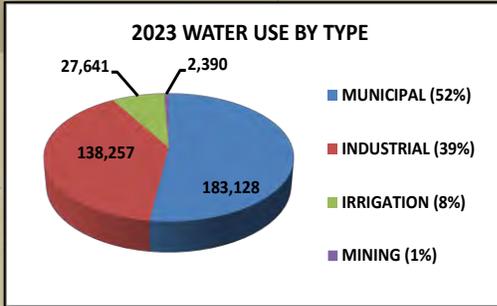
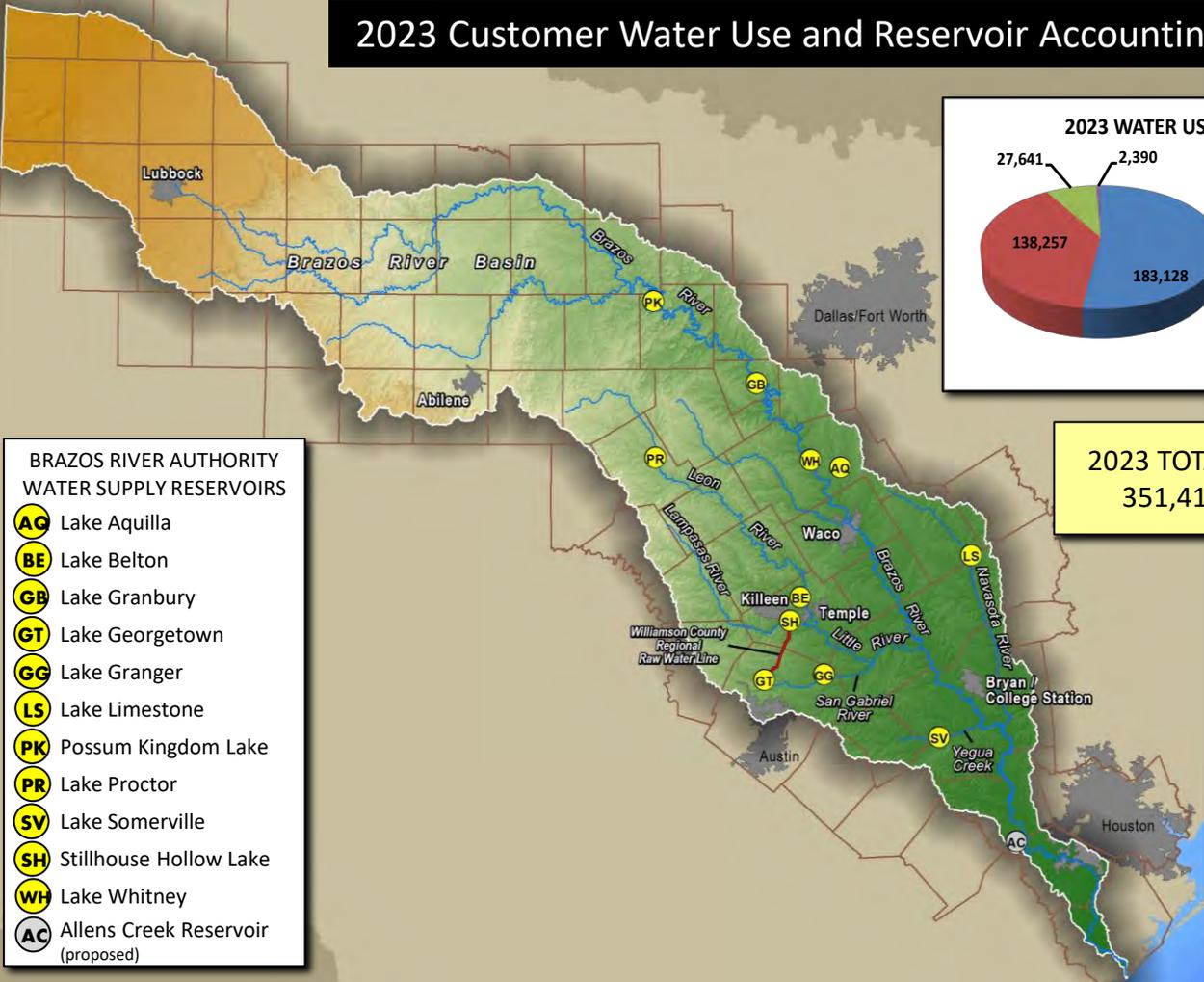
Brazos River Authority

Quality • Conservation • Service

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USER INFORMATION

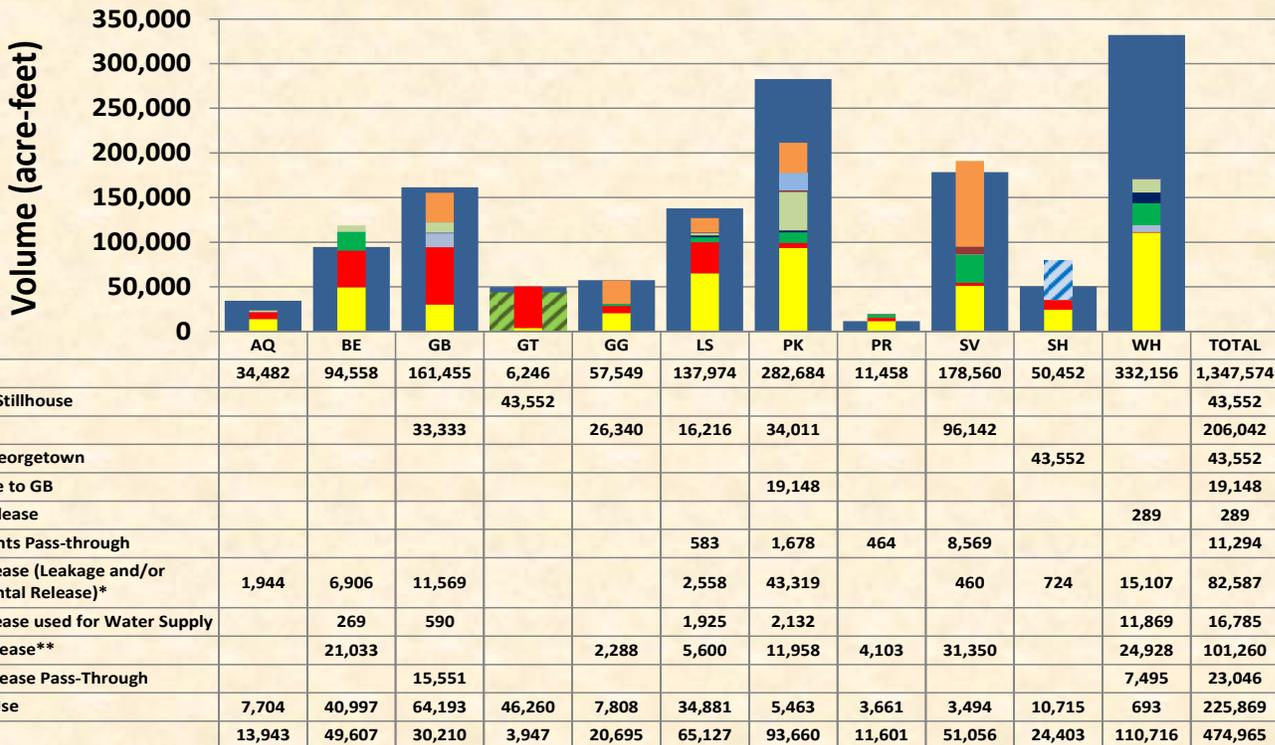
2023 Customer Water Use and Reservoir Accounting Summary



- ### BRAZOS RIVER AUTHORITY WATER SUPPLY RESERVOIRS
- AC** Lake Aquilla
 - BE** Lake Belton
 - GB** Lake Granbury
 - GT** Lake Georgetown
 - GG** Lake Granger
 - LS** Lake Limestone
 - PK** Possum Kingdom Lake
 - PR** Lake Proctor
 - SV** Lake Somerville
 - SH** Stillhouse Hollow Lake
 - WH** Lake Whitney
 - AC** Allens Creek Reservoir (proposed)

2023 TOTAL WATER USE
351,417 Acre-Feet

Brazos River Lakes Authority 2023 Reservoir Accounting (acre-feet)



* Leakage has not been quantified by the US Army Corp of Engineers for Lakes Georgetown, Granger and Proctor.

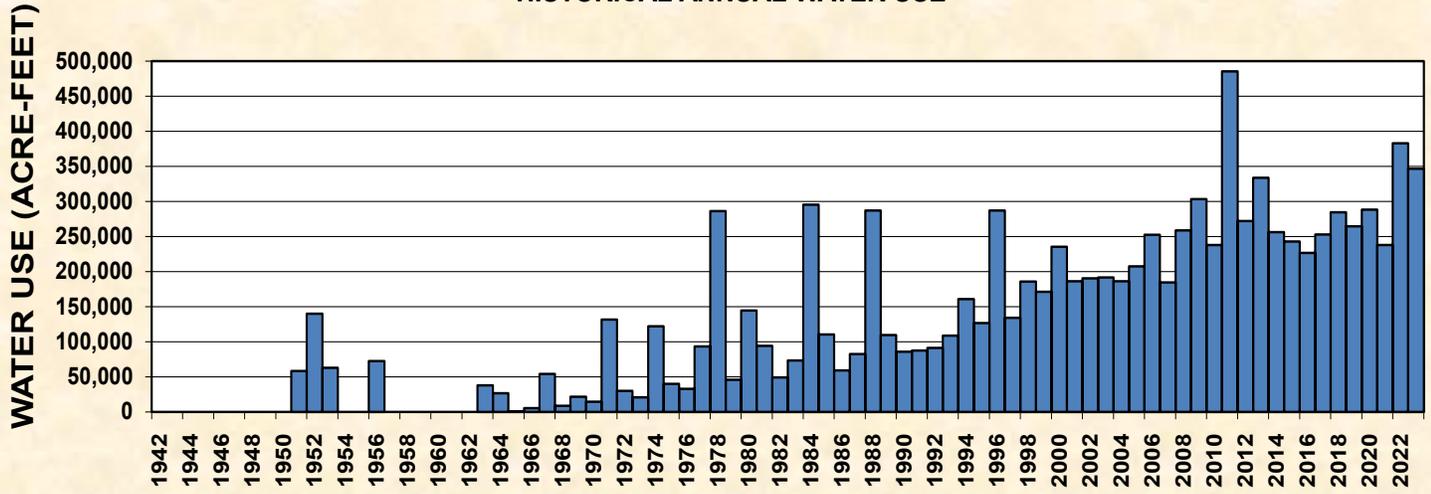
**12,405 acre-feet of the 21,033 acre-feet of water released for water supply from Lake Belton was for the City of Temple under its own water right. Therefore, this 12,405 acre-feet is not reflected in BRA's water use total for 2023.

**6,440 acre-feet of water used under NRG's BRA contract was pumped at their downstream pumping point near the City of Richmond under the BRA's Excess Flows permit.

Since water pumped under the Excess Flows permit is run-of-river water and not released from any of the BRA system reservoirs, it is not reflected in this reservoir accounting.

NOTE: [Lakeside Water Use (225,869 acre-feet) + Water Supply Release (101,260 acre-feet) + Undedicated Release used for Water Supply (16,785 acre-feet) - Temple water right (12,405 acre-feet) + Excess Flows (6,440 acre-feet) + Water use from the Colorado Basin (4,743 acre-feet) + Run-of-River water use under System Operation Permit (8,725) = Total 2023 BRA Water Use (351,417 acre-feet)

HISTORICAL ANNUAL WATER USE



2023 WATER USE BY FIRM CUSTOMERS AND LAKESIDE LOCAL FROM RESERVOIR WATER RIGHTS		VOLUME (ACRE-FEET)
POSSUM KINGDOM LAKE		
DOUBLE DIAMOND PROPERTIES, INC.	465	
HILL COUNTRY HARBOR, L.P.	259	
LAKESIDE LOCAL USE	257	
POSSUM KINGDOM WSC	1,156	
RANCH OWNER'S ASSOCIATION	254	
SPORTSMAN'S WORLD MUD	233	
TEXAS PARKS & WILDLIFE DEPT.	1,051	
WACO BEND RANCH, LTD	36	
WEST CENTRAL BRAZOS PIPELINE	1,752	
SUBTOTAL:	5,463	
BRAZOS RIVER BELOW POSSUM KINGDOM LAKE		
PALO PINTO COUNTY MWD NO. 1	500	
PARKER COUNTY SUD	460	
ROCKER B LAND & CATTLE COMPANY, LLC	36	
SUGAR TREE, INC.	177	
VULCAN CONST. MATERIALS, L.P.	959	
SUBTOTAL:	2,132	
LAKE GRANBURY		
ACTON MUNICIPAL UTILITY DIST.	24	
BRAZOS REGIONAL PUBLIC UTILITY AGENCY	4,340	
COUNTY OF SOMERVELL	298	
DECORDOVA BEND ESTATES OWNERS	232	
GRANBURY RECREATIONAL ASSOC.	48	
GRANBURY, CITY OF	3,566	
KING RANCH TURFGRASS, L.P.	915	
LAKESIDE LOCAL USE	381	
LAKES AT TIMBER COVE POA, INC.	78	
LENMO INC.	2,413	
LOWELL UNDERWOOD	51	
PECAN PLANTATION OWNER'S ASSOC.	230	
TEXAS WATER UTILITIES, L.P.	466	
LUMINANT ELECTRIC COMPANY	48,669	
WOLF HOLLOW SERVICES, LLC	2,482	
SUBTOTAL:	64,193	
BRAZOS RIVER BELOW LAKE GRANBURY		
DOUBLE DIAMOND PROPERTIES, INC.	417	
RCB VENTURES dba TRI-TEX GRASS	173	
SUBTOTAL:	590	
LAKE WHITNEY		
LAKESIDE LOCAL USE	3	
WHITE BLUFF PROPERTY OWNERS ASSOC.	690	
SUBTOTAL:	693	
BRAZOS RIVER BELOW LAKE WHITNEY		
ALL SEASONS TURF GRASS	63	
CALPINE BOSQUE ENERGY CENTER, LLC	3,784	
CREEKSIDE NURSERY, LLC	146	
DIAMOND S LAND & CATTLE, LLC	122	
DOW CHEMICAL COMPANY	22,015	
GULF COAST WATER AUTH.	42,695	
HORIZON TURF GRASS, INC.	2,314	
JAMES K. BOYD	6	
KING RANCH TURFGRASS, L.P.	583	
LORENA, CITY OF	604	
MARECEK LAND & CATTLE, LLC	1,244	
MARLIN, CITY OF	550	
NEUHAUS TRUSTS PARTNERSHIP	571	
NRG TEXAS, LLC	9,687	
RICHMOND, CITY OF	1,866	
TULLOS FARMS, LLC	15	
SUBTOTAL:	86,265	

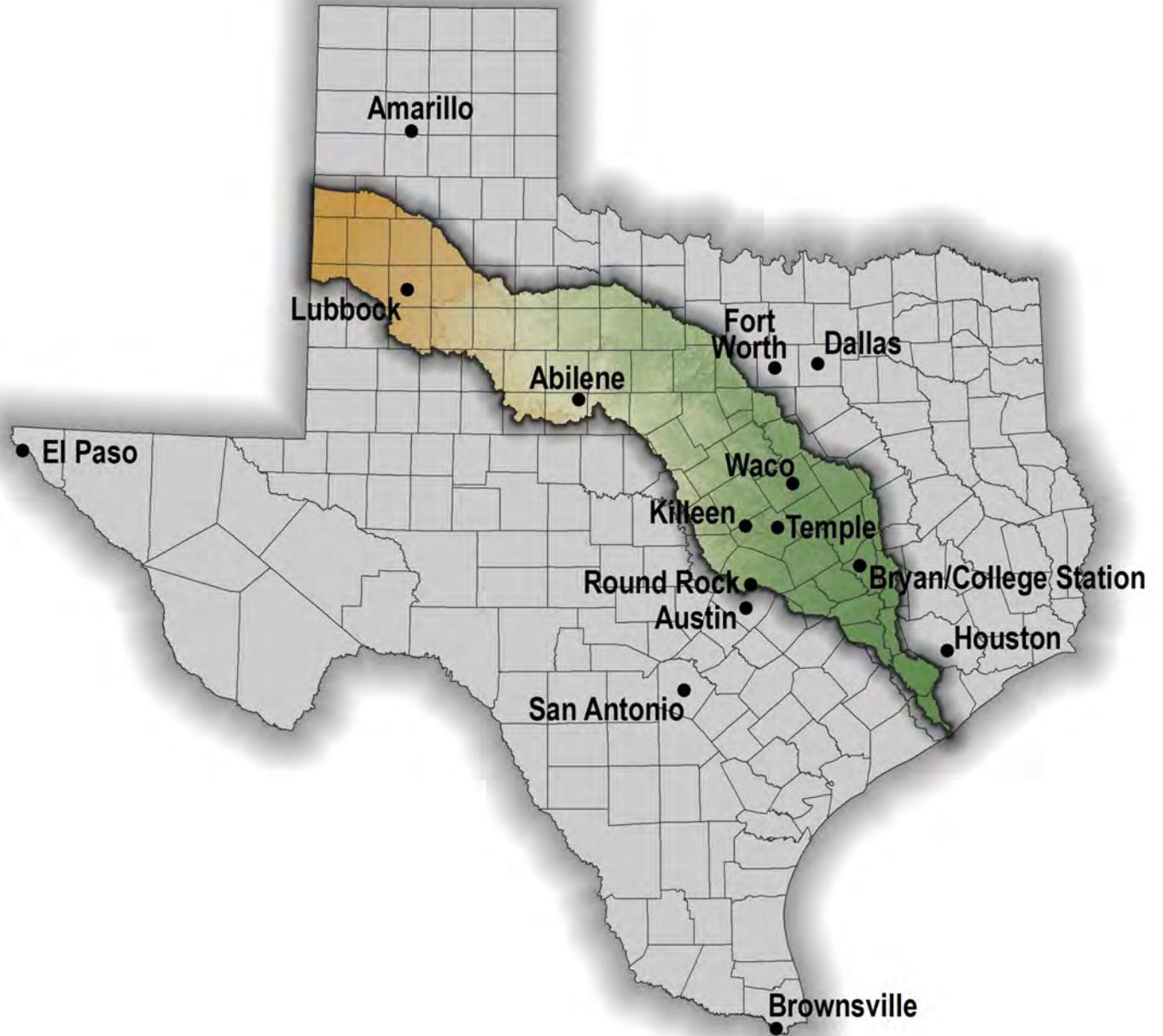
LAKE AQUILLA		VOLUME (ACRE-FEET)
AQUILLA WATER SUPPLY DISTRICT	3,550	
CLEBURNE, CITY OF	4,154	
SUBTOTAL:	7,704	
LAKE PROCTOR		
LAKE PROCTOR IRRIGATION AUTH.	736	
SEARS BROTHERS	35	
UPPER LEON RIVER MWD	2,890	
SUBTOTAL:	3,661	
LEON RIVER BELOW LAKE PROCTOR		
AREA 1 WATER COMPANY LLC	928	
NORTH LEON RIVER IRRIGATION CORP.	3,175	
SUBTOTAL:	4,103	
LAKE BELTON		
439 WATER SUPPLY CORP.	792	
BELL CO. WATER CONTROL & IMP.	31,369	
BLUEBONNET WATER SUPPLY CORP.	3,644	
CORYELL CITY WATER SUPPLY DIST.	300	
FORT GATES WSC	200	
GATESVILLE, CITY OF	4,218	
HARKER HEIGHTS, CITY OF	295	
LAKESIDE LOCAL USE	3	
THE GROVE WATER SUPPLY CORP.	176	
SUBTOTAL:	40,997	
LEON RIVER BELOW LAKE BELTON		
TEMPLE, CITY OF	8,372	
SLR PROPERTY I, LP	1,984	
WILDFLOWER COUNTRY CLUB, INC.	269	
SUBTOTAL:	10,625	
LAKE STILLHOUSE HOLLOW		
BELL CO. WATER CONTROL & IMP.	1,929	
CENTRAL TEXAS WATER SUPPLY CORP.	4,013	
JARRELL-SCHWERTNER WATER SUPPLY CORP.	64	
KEMPNER WATER SUPPLY CORP.	2,246	
LAMPASAS, CITY OF	1,745	
SALADO WATER SUPPLY CORP.	718	
SUBTOTAL:	10,715	
LAKE GEORGETOWN		
BRUSHY CREEK MUD	3,277	
GEORGETOWN, CITY OF	22,190	
ROUND ROCK, CITY OF	20,793	
SUBTOTAL:	46,260	
LAKE GRANGER		
EAST WILLIAMSON CO. REGIONAL WATER SYSTEM	7,808	
LAKE LIMESTONE		
LAKESIDE LOCAL USE	103	
NRG TEXAS, LLC	12,439	
SLC WATER SUPPLY CORP.	142	
LUMINANT GENERATION COMPANY	22,197	
SUBTOTAL:	34,881	
NAVASOTA RIVER BELOW LAKE LIMESTONE		
VESS OIL CORPORATION	290	
WELLBORN SPECIAL UTILITY DIST.	1,359	
WILDFIRE ENERGY LLC	276	
SUBTOTAL:	1,925	
LAKE SOMERVILLE		
BRENHAM, CITY OF	3,494	
TOTAL	331,509	

2023 WATER USE FROM THE SYSTEM OPERATION PERMIT		VOLUME (ACRE- FEET)
BRAZOS RIVER BELOW POSSUM KINGDOM LAKE		
PALO PINTO COUNTY MWD NO. 1	133	
PARKER COUNTY SUD	181	
ROCKER B LAND & CATTLE COMPANY, LLC	4	
SUGAR TREE, INC.	20	
VULCAN CONST. MATERIALS, L.P.	10	
SUBTOTAL:	348	
BRAZOS RIVER BELOW LAKE GRANBURY		
DOUBLE DIAMOND PROPERTIES, INC.	24	
HORIZON TURF GRASS, INC.	17	
RCB VENTURES dba TRI-TEX GRASS	3	
SUBTOTAL:	44	
BRAZOS RIVER BELOW LAKE WHITNEY		
CALPINE BOSQUE ENERGY CENTER, LLC	218	
MARLIN, CITY OF	90	
NRG TEXAS, LLC	7,280	
RICHMOND, CITY OF	444	
SUBTOTAL:	8,032	
LITTLE RIVER BELOW LAKE BELTON		
WILDFLOWER COUNTRY CLUB, INC.	2	
NAVASOTA RIVER BELOW LAKE LIMESTONE		
WELLBORN SUD	233	
WILDFIRE ENERGY LLC	66	
SUBTOTAL:	299	
TOTAL	8,725	

2023 WATER USE FROM THE COLORADO BASIN		VOLUME (ACRE- FEET)
BRAZOS - COLORADO INTERBASIN TRANSFER		
GEORGETOWN, CITY OF	152	
LIBERTY HILL, CITY OF	723	
ROUND ROCK, CITY OF	3,868	
TOTAL	4,743	



Brazos River Authority Basin Map



Brazos River Authority Demographic and Economic Information

The Brazos River Authority was created by the Texas Legislature in 1929 as the first agency in the United States specifically created for the purpose of developing and managing the water resources of an entire river basin.

Domicile: Waco, Texas

Last revision of Enabling Act: 2001

Last revision of Bylaws: September 27, 2021

Population of Brazos River Basin: 4,568,265 (Texas Water Development Board 2020)

Area: 42,865 square miles

Brazos River

Total River Miles 840 miles
Average Annual Discharge 6,074,000 acre-feet

Average annual rainfall in the Basin ranges from:

West	26 inches
Southeast	32 inches

Number of employees: 273 Full-time, 17 Part-time

Offices:	Central Office	- Waco, Texas
	Regional Office	- Georgetown, Texas
	Operations Office	- Belton, Texas
	Operations Office	- Clute, Texas
	Operations Office	- Lake Granbury, Texas
	Operations Office	- Lake Limestone, Texas
	Operations Office	- Waco, Texas
	Operations Office	- Leander, Texas
	Operations Office	- Possum Kingdom Lake, Texas
	Operations Office	- Sugar Land, Texas
	Operations Office	- Taylor, Texas
	Operations Office	- Temple, Texas
	Operations Office	- Hutto, Texas

Brazos River Authority Operating Statistics			Years Ended August 31	
(water/wastewater treated in millions of gallons)	2024	2023		
	Estimated	Actual		
Temple-Belton Wastewater Treatment Plant	2,900	2,849		
Sugar Land Wastewater Facilities	3,577	3,806		
Hutto Central Wastewater Plant	275	259		
Hutto South Wastewater Plant	515	547		
Clute/Richwood Regional Sewerage System	950	862		
Sandy Creek Regional Water Treatment Plant	1,840	1,682		
East Williamson County Regional Water System	2,400	2,545		
Doshier Farm Wastewater Treatment Plant	950	862		

Brazos River Authority Dams and Reservoirs:	
Possum Kingdom	Conservation Pool
Capacity	556,340 acre-feet
Surface Area	18,568 acres
Elevation	1,000.0 ft-msl
Permitted Yield	230,750 acre-feet
	TWDB Survey December 2016
Limestone	Conservation Pool
Capacity	203,780 acre-feet
Surface Area	12,486 acres
Elevation	363.0 ft-msl
Permitted Yield	65,074 acre-feet
	TWDB Survey June 2014
Granbury	Conservation Pool
Capacity	136,326 acre-feet
Surface Area	8,282 acres
Elevation	693.0 ft-msl
Permitted Yield	64,712 acre-feet
	TWDB Survey July 2016

U. S. Army Corps of Engineers Dams and Reservoirs With Storage Space Allocated to Brazos River Authority

	Conservation Pool	Flood Control Pool
Aquilla		
Capacity	43,293 acre-feet	135,636 acre-feet
Surface Area	3,085 acres	6,999 acres
Elevation	537.5 ft-msl	556.0 ft-msl
Permitted Yield	13,896 acre-feet	TWDB Survey July 2014
Belton	Conservation Pool	Flood Control Pool
Capacity	432,631 acre-feet	1,072,631 acre-feet
Surface Area	12,445 acres	23,605 acres
Elevation	594.0 ft-msl	631.0 ft-msl
Permitted Yield	100,257 acre-feet	TWDB Survey October 2015
Granger	Conservation Pool	Flood Control Pool
Capacity	51,822 acre-feet	230,481 acre-feet
Surface Area	4,159 acres	11,040 acres
Elevation	504.0 ft-msl	528.0 ft-msl
Permitted Yield	19,840 acre-feet	TWDB Survey March 2013
Georgetown	Conservation Pool	Flood Control Pool
Capacity	38,068 acre-feet	131,793 acre-feet
Surface Area	1,307 acres	3,220 acres
Elevation	791.0 ft-msl	834.0 ft-msl
Permitted Yield	13,610 acre-feet	TWDB Survey January 2016
Proctor	Conservation Pool	Flood Control Pool
Capacity	54,762 acre-feet	369,500 acre-feet
Surface Area	4,615 acres	14,010 acres
Elevation	1,162.0 ft-msl	1,197.0 ft-msl
Permitted Yield	19,658 acre-feet	TWDB Survey February 2012
Somerville	Conservation Pool	Flood Control Pool
Capacity	150,293 acre-feet	494,500 acre-feet
Surface Area	11,395 acres	24,400 acres
Elevation	238.0 ft-msl	258.0 ft-msl
Permitted Yield	48,000 acre-feet	TWDB Survey April 2012
Stillhouse Hollow	Conservation Pool	Flood Control Pool
Capacity	229,881 acre-feet	624,581 acre-feet
Surface Area	6,429 acres	11,830 acres
Elevation	622.0 ft-msl	666.0 ft-msl
Permitted Yield	67,768 acre-feet	TWDB Survey December 2015
Waco	Conservation Pool	Flood Control Pool
Capacity	189,773 acre-feet	518,895 acre-feet
Surface Area	8,190 acres	19,440 acres
Elevation	462.0 ft-msl	500.0 ft-msl
Permitted Yield	104,100 acre-feet	TWDB Survey May 2011
Whitney	Conservation Pool	Flood Control Pool
Capacity	617,194 acre-feet	1,989,664 acre-feet
Surface Area	23,215 acres	49,820 acres
Elevation	533.0 ft-msl	571.0 ft-msl
Permitted Yield	18,336 acre-feet	Volumetric Survey March 2019

Source: Brazos River Authority Water Services Department



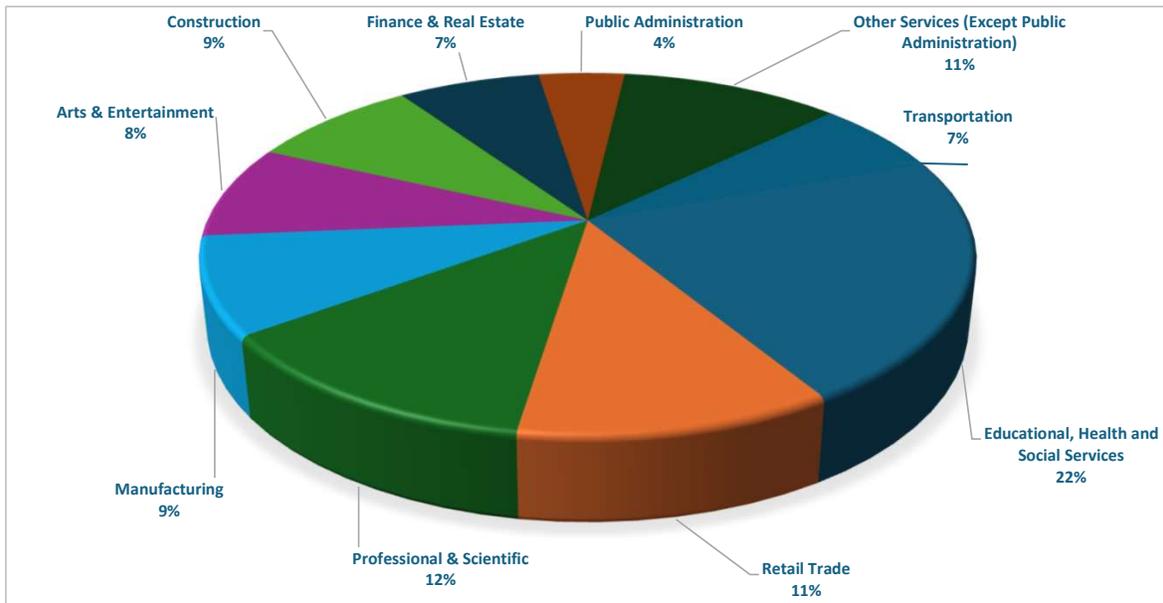
Brazos River Authority

Quality • Conservation • Service

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Brazos Basin Geographic Area Ten Largest Industries

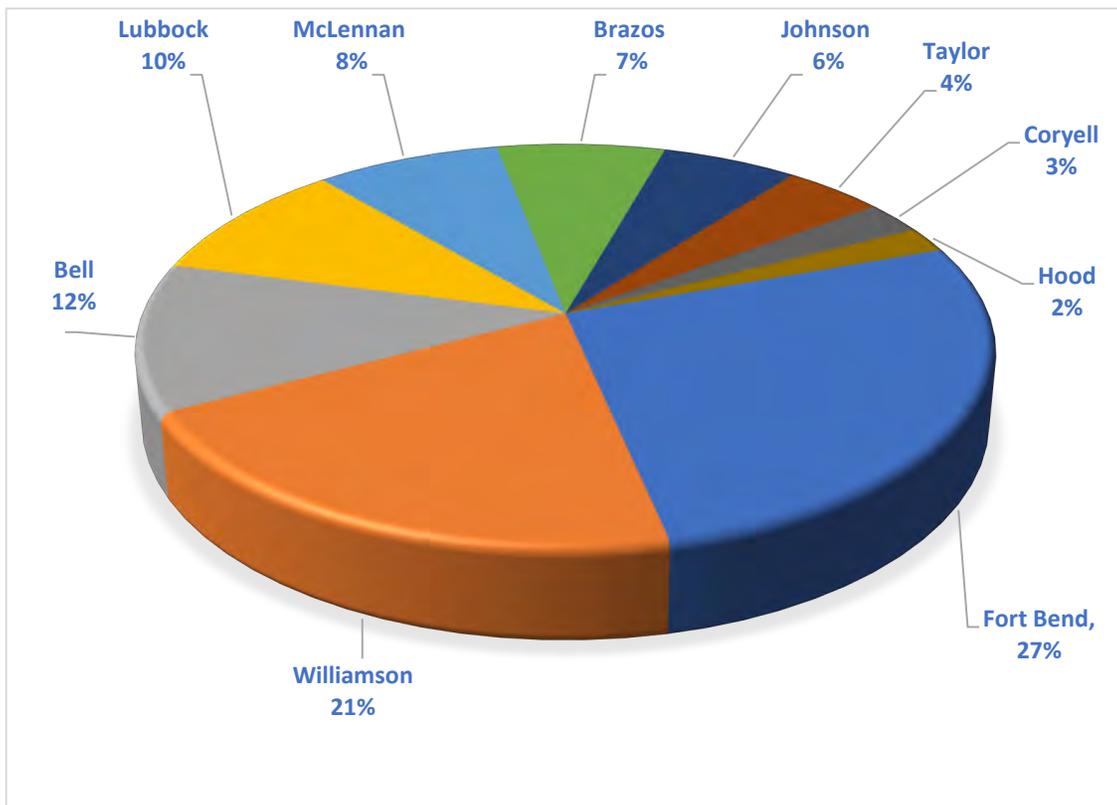
Industry	Percentage of Entities in Category
Educational, Health and Social Services	21.80%
Retail Trade	11.20%
Professional & Scientific	12.50%
Manufacturing	8.70%
Arts & Entertainment	8.30%
Construction	8.50%
Finance & Real Estate	7.10%
Public Administration	4.30%
Other Services (Except Public Administration)	11.00%
Transportation	6.60%



Source: U.S. Census Bureau, 2021 American Community Survey 1-Year Estimates

Brazos River Basin Population by County (Largest)

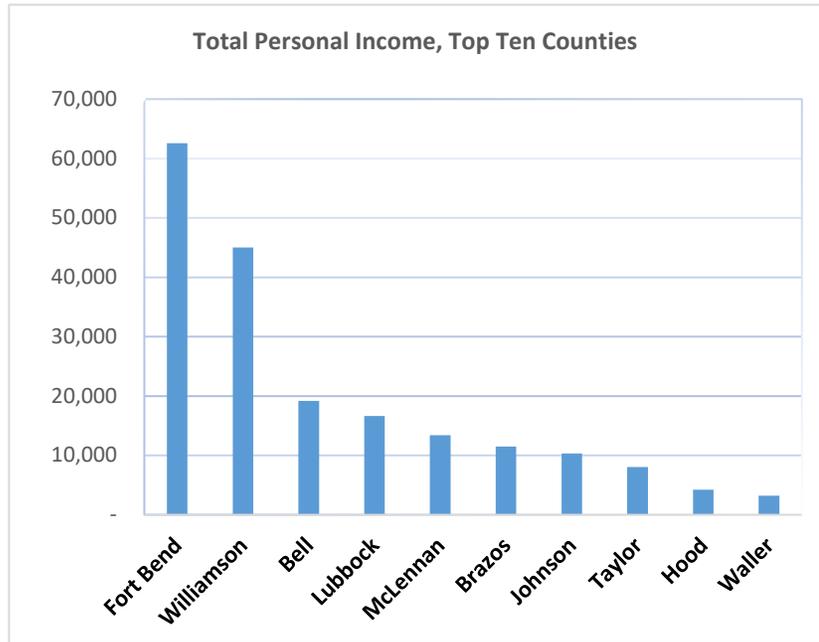
County	Population
Fort Bend	889,146
Williamson	671,418
Bell	388,386
Lubbock	317,561
McLennan	266,836
Brazos	242,014
Johnson	195,506
Taylor	145,163
Coryell	85,057
Hood	66,373



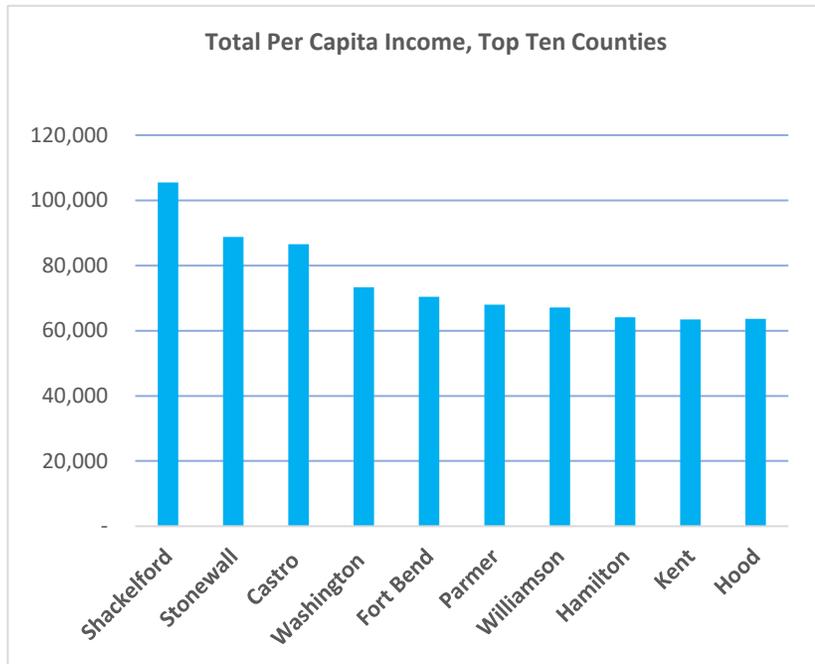
Source: 2022 Bureau of Economic Analysis CAINC1 Population November 16, 2023 release

Brazos River Basin Personal Income Information

County (Top Ten)	Total Personal Income (in thousands)
Fort Bend	62,587
Williamson	45,040
Bell	19,192
Lubbock	16,652
McLennan	13,417
Brazos	11,514
Johnson	10,330
Taylor	8,067
Hood	4,224
Waller	3,198



County (Top Ten)	Total Per Capita Income (in dollars)
Shackelford	105,536
Stonewall	88,796
Castro	86,577
Washington	73,301
Fort Bend	70,390
Parmer	67,989
Williamson	67,083
Hamilton	64,110
Kent	63,419
Hood	63,641



Source: 2022 Bureau of Economic Analysis CAINC5N Population November 16, 2023 release

O&M Budget Calendar

December 2023						
Sun	Mon	Tues	Wed	Thur	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30 31

December 2023	
• December 1	Set up SharePoint Site for FY 2025 budget
• December 1-31	F&A to begin migrating and updating budget worksheets for each department
• December 4-8	F&A to create Direct Labor Matrix for FY 2025 based on FY 2023 actuals
• December 4	Send out Budget Administrator List to Management Team for verification
• December 15	Budget Administrator List due back to F&A
• December 18	Update Budget Team e-mail group
• December 19	Budget Team e-mail

January 2024						
Sun	Mon	Tues	Wed	Thur	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

January 2024	
• January 2	Request salary & benefit information from Human Resources
• January 2 - February 9	Budget Worksheets available on SharePoint for editing
• January 2 - February 16	Direct Labor Matrix available on SharePoint for editing
• January 2 - January 26	F&A to work on Water Supply Revenue Projections
• January 2	Request IT, SCADA, Safety, Security, CO Common, ArcView Maintenance Costs, Stream Gauging and other supporting information for FY 25
• January 8	Request updated Debt Schedule
• January 19	IT, SCADA, Safety, Security, CO Common, ArcView Maintenance Costs, Stream Gauging and other supporting information for FY 25 due to F&A
• January 22-February 2	F&A to update Utilities section of budget worksheets

February 2024						
Sun	Mon	Tues	Wed	Thur	Fri	Sat
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25	26	27	28	29		

February 2024	
• February 2	Salary & Benefits worksheet due back to F&A
• February 5-9	F&A to review Salary & Benefits worksheet
• February 9	O&M Budget Worksheets complete
• February 12	Distribute Personnel Request Forms to Mgmt. Team and locations
• February 12-16	F&A to review budget worksheets
• February 16	Direct Labor revisions due
• February 19-23	F&A to cost out Direct Labor Matrix
• February 23	Personnel Request Forms due to HR
• February 26-March 6	HR to complete review of Personnel Request Forms

March 2024						
Sun	Mon	Tues	Wed	Thur	Fri	Sat
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March 2024	
• March 4-April 5	Begin preparation of Allocation of Charges & Contract Customer budget presentations
• March 7-8	Management Team Review of Personnel Requests
• March 11	HR Manager to provide final personnel recommendation

O&M Budget Calendar

April 2024						
Sun	Mon	Tues	Wed	Thur	Fri	Sat
	1	2	3	4	5	6
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April 2024	
• April 1	FY 2025 Budget due to City of Sugar Land for wastewater operations
• April 1	Regional Staff to begin scheduling contract customer meetings
• April 1-12	F&A to update Budget Narratives format
• April 2-5	F&A to complete first draft of FY 24 System Rate calculation and budgetary financial statements
• April 15	Temple-Belton budget due to customers
• April 17	First FY 2024 Budget presentation to Management Team
• April 26	Budget narratives available on SharePoint for editing

May 2024						
Sun	Mon	Tues	Wed	Thur	Fri	Sat
			1	2	3	4
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May 2024	
• May 1	Finalize flow data
• May 1-31	Prepare other supporting schedules for budget document
• May 15- June 16	Contract Customer budget meetings
• May 20	Board meeting
• May 28	Budget Narratives completed

June 2024						
Sun	Mon	Tues	Wed	Thur	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
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23	24	25	26	27	28	29 30

June 2024	
• June 3	Contract Customer budget presentations due
• June 3-7	Management Team Final Budget review
• June 18	Annual Water Customer Meetings in Central/Lower Basin
• June 20	Annual Water Customer Meetings in Upper Basin
• June 24-28	F&A Final Review of AOP

July 2024						
Sun	Mon	Tues	Wed	Thur	Fri	Sat
	1	2	3	4	5	6
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21	22	23	24	25	26	27
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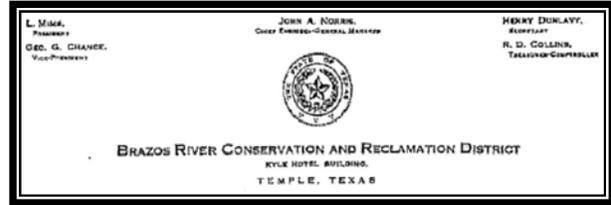
July 2024	
• July 8-12	Print and assemble FY 2024 AOP
• July 15	AOP due to Board members
• July 29	Regular Board Meeting

September 2024						
Sun	Mon	Tues	Wed	Thur	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14

September 2024	
• September 3	Implement FY 2025 AOP-Budget

BRAZOS RIVER AUTHORITY CHRONOLOGY

The Texas Legislature created the organization now known as the Brazos River Authority (BRA) in 1929 as a result of devastating flooding during the early part of the century. The Conservation Amendment to the State Constitution charged the Brazos River Conservation and Reclamation District (District) with the statutory responsibility for conservation, development and management of the surface water resources for the Brazos River basin.



Brazos River Conservation and Reclamation District Letterhead (circa 1929).

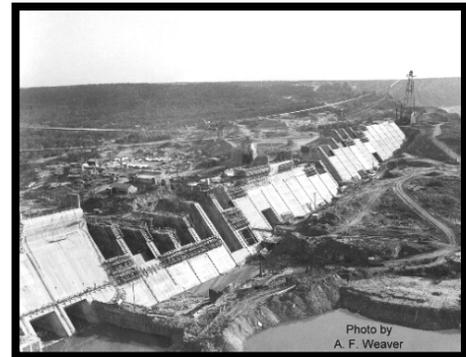
With part or all of seventy counties in the basin, the 42,800 square mile area stretches from the headwaters of the Brazos near the Texas-New Mexico border in a southeasterly line to the Gulf Coast. The organization was established without taxing authority or the ability to receive appropriations from the state.

During the 1930s, the Board of Directors established headquarters for the organization in Temple, Texas. Their first order of business was to prepare an initial master plan for reservoir development within the basin.

At this time, the District obtained its first source of revenue – remissions of ad valorem taxes from the lower-basin counties for a period lasting twenty years. The master plan included thirteen dams with construction for each contingent upon federal funding.

1930s – 1950s

By the late 1930s, funding was secured from the Works Progress Administration allowing construction to be completed on the Possum Kingdom Lake (P.K.) dam by 1941. Hydropower from this project was contracted to the Brazos Electric Power Cooperative (BEPC) and provided a source of revenues to the District while aiding in rural electrification and providing power for the war effort.



Possum Kingdom Lake – Dam Construction

Late in the 1940s, the District's headquarters were moved to Mineral Wells and the 1935 master plan for reservoir development was revised. At about the same time, the U. S. Army Corps of Engineers (USACE) expanded its role in water resources to include construction of flood-control dams at Lakes Belton and Whitney.

The 1950s marked the drought of record for most of the Brazos basin. At this time, population projections by the District estimated that by the year 2000, the state would be home to eighteen million people with eighty percent living in urban areas. This forecast estimated water demands to double.

As a result, the Board of Directors prepared a six-dam program of reservoir development. The plan included a series of reservoirs between Lakes Possum Kingdom and Whitney (for water supply and hydropower), raising Possum Kingdom Lake an additional fifteen feet, building the South Bend reservoir above P.K., building the Allens Creek reservoir in the lower basin and a desalination program. This plan would increase irrigation in the Brazos River Valley, provide water for industry and municipalities, and provide hydropower to support the increased population, economic activity, and recreation.

In 1951, the State Board of Water Engineers designated the District as the representative of non-federal interests to contract with the USACE for conservation storage space in multi-purpose federal flood-control-water supply reservoirs within the Brazos basin.

The District officially changed its name to the **Brazos River Authority** in 1955. The BRA began negotiating agreements with the USACE for water supply storage space in federal reservoirs and supporting congressional appropriations for construction. Before the end of the decade, construction of Lake Belton was complete.



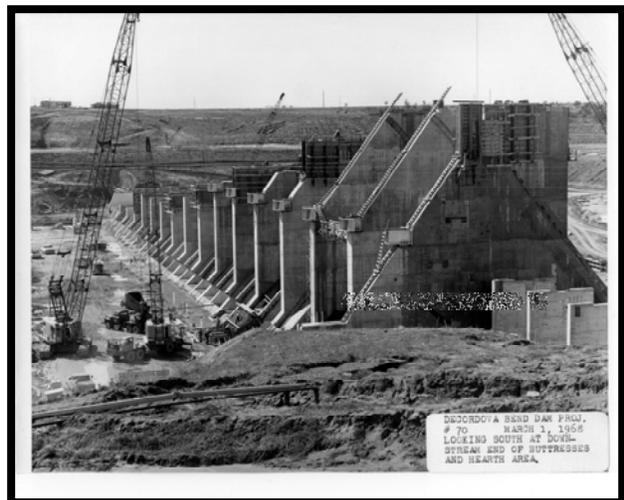
Brazos River Authority Letterhead (circa 1955).

During the 1950s, the BRA also contracted with the USACE for water storage space in the proposed new Lake Waco, which inundated the existing water supply lake owned by the City of Waco.

1960s

On May 1, 1960, the BRA dedicated its new headquarters in Waco. In 1969, the BRA completed construction on Lake Granbury to supply water for Texas Power & Light Company steam-electric plants and the Comanche Peak nuclear power plant near Glen Rose.

During this decade, the USACE completed Lakes Proctor, Somerville, and Stillhouse Hollow for flood-control and water supply purposes. The BRA contracted for water supply storage in each of these projects without agreements to sell the water in order to meet expected water needs.



Lake Granbury – Dam Construction

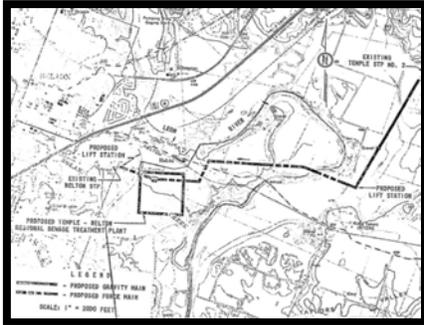
The BRA acquired pump stations and canal systems from American Canal Company and Briscoe Irrigation Company in Fort Bend and Brazoria Counties to supply water

primarily for rice irrigation. The ultimate goal of these acquisitions was to provide access to municipal and industrial water markets in the lower basin.

The USACE completed the new Lake Waco in 1965 to provide flood-control on the Bosque River while assuring water supply for the city. The entire water supply was committed to the City of Waco, as required by federal legislation.

1970s

During the 1970s, the BRA began design, construction, ownership and operation of three regional wastewater treatment systems: Waco Metropolitan Area Regional Sewerage System (1971), Temple-Belton Regional Sewerage System (1975, now referred to as the Temple-Belton Wastewater Treatment Plant), and Sugar Land Regional Sewerage System (1975). As a result of the Clean Water Act, the BRA (Section 208 program) began a basin-wide water quality management study, and the organization received partial grants for wastewater treatment plant construction.



Temple-Belton Proposed Site Drawing

In 1972, the BRA signed a contract to supply up to 176,000 acre-feet of water per year to Houston Lighting & Power Company for cooling purposes at steam-electric generating plants to be built in the lower basin (including Allens Creek nuclear plant).

In 1978, the BRA completed construction on Lake Limestone, providing cooling water for Texas Utilities (TXU) power plants to be built close to nearby lignite reserves.

1980s

The 1980s were a time of great change for the BRA. With the realization that industrial and municipal demands forecast for the lower basin had not developed as expected, the BRA found that long-term contracts inherited with the canal systems would not permit adjustment at rates which would allow the enterprise to remain whole. As a result, the BRA sold the canal systems to Galveston County Water Authority.

Planning and design began on Lake Bosque in McLennan County. The reservoir would provide water supply for a group of municipalities, including Clifton and Meridian in Bosque County and Waco and its suburbs. To add water supply for customers throughout the basin, primarily Williamson County entities, planning began on South Bend reservoir.

Both projects were cancelled before construction began. The Lake Bosque project was cancelled due to increases in cost and a change in the City of Waco's attitude toward selling water from Lake Waco to its neighbors. The South Bend project was cancelled when the BRA reacquired water contracted to, but no longer needed by, Houston Lighting & Power Company (HL&P). The reacquisition agreement included an option on the Allens Creek reservoir site that HL&P had acquired as a cooling reservoir for the now-cancelled Allens Creek nuclear power plant.

During the 1980s, the BRA contracted with the City of Lubbock to build, own and operate Lake Alan Henry to provide future water supplies for the city. The decade also saw the BRA build its first water treatment system – Lake Granbury Surface Water and Treatment System (SWATS) to meet water needs in Johnson and Hood Counties.

The BRA entered into contracts with water users in Williamson County to construct a pipeline to transport water from Lake Stillhouse Hollow to Lake Georgetown as demand developed. Lakes Aquilla, Georgetown and Granger were completed by the USACE in the early eighties. Lake Aquilla provides water to the Aquilla Water Supply District (City of Hillsboro) while Lake Georgetown provides water to the cities of Georgetown and Round Rock. Lake Granger provides water for the City of Taylor and eastern Williamson County. The BRA contracted with the USACE for a portion of the water supply storage space in Lake Whitney and to raise the level of Lake Waco, which would increase the supply of water for the City of Waco.

In 1986, the BRA formally established a Water Quality Policy, stating its intent to continuously monitor quality, identify problem areas throughout the basin, and participate in the development, ownership, and operation of regional wastewater treatment systems.

1990s

During the 1990s, the Texas State Legislature passed the “Clean Rivers Act.” As a result, the BRA became a partner with Texas Commission on Environmental Quality for comprehensive water quality monitoring and assessment throughout the Brazos River basin.

The BRA completed construction of Lake Alan Henry in 1994. The entire water supply was committed to City of Lubbock, which paid all debt service as well as operations and maintenance costs of the project.



Lake Alan Henry

In 1995, the BRA and the Lower Colorado River Authority (LCRA) signed the Brazos-Colorado Water Alliance to serve the water resource needs of Williamson County. The BRA began operation of the Brushy Creek Regional Wastewater System. Financed by the LCRA as an Alliance project, Brushy Creek serves the cities of Round Rock and Cedar Park. At this time, the BRA Board of Directors amended policies to allow for the operation of water and wastewater treatment facilities without BRA ownership.



Brushy Creek Regional Wastewater System

In 1997, the Texas Legislature passed Senate Bill 1, which establishes a regional water supply planning process for the state.

2000 – 2010

The BRA began replacement of the floodgates of the Morris Sheppard Dam at Possum Kingdom Lake. The project took nine years. At the same time, the BRA began rehabilitation of the sixteen gates at the DeCordova Bend Dam at Lake Granbury. The rehab included the installation of new electric gate hoists.

In 2001, the BRA experienced one of the most significant shifts in focus and structure in its history. The BRA was reorganized from function-based divisions to customer-focused geographic regions.

In 2001, as part of Texas Senate Bill 1, the BRA joined local and regional organizations in the water planning process as member of Regions O, H and Brazos G. The BRA further agreed to serve as administrative agent for the Brazos G Regional Water Planning Group.

The BRA began operations for the Clute/Richwood Regional Wastewater System. The BRA also contracted with the Lee County Fresh Water Supply District No. 1 (Dime Box) for its first retail water and wastewater utility service. Some 150 homes and businesses in the City of Dime Box receive both potable water and wastewater treatment services.

In the spring of 2002, Texas Governor Rick Perry announced his initiative to develop a large-scale, demonstration seawater desalination facility in Texas. He charged the Texas Water Development Board (TWDB) with developing recommendations.

As a result, the BRA and Poseidon Resources Corporation (Poseidon) jointly developed and submitted a Statement of Interest (SOI) to the TWDB for the proposed project to be located in Freeport. The project was later halted as the TWDB designated the proposed Brownsville location as the first state-sponsored project.



Allens Creek Proposed Site Map

In late 2002, the BRA and the City of Houston received final permits from the Texas Commission on Environmental Quality (TCEQ) to move forward with construction on the Allens Creek Reservoir. The reservoir will be located just above the confluence of Allens Creek with the Brazos River in Austin County. It will impound over 200,000 acre-feet of water, creating a 7,000-acre lake and provide 99,650 acre-feet of water per year for municipal use. Construction is expected to begin in 2025.

In 2003, the BRA signed a major contract with the City of Georgetown to become the wastewater treatment services provider for the city's six treatment plants.

The construction and purchase of water pipeline systems in the Brazos basin in 2002 and 2003 allowed the BRA to move water from areas that have an abundance of supply to the areas that are greatly lacking in the resource. The Williamson County Regional Raw Water Line, a joint effort by the BRA and five customers, supplies water to the ever-growing areas in Williamson County. The Kerr-McGee Pipeline (later renamed

West Central Brazos Water Distribution System or WCBWDS), a former oil industry water transportation line was purchased in February of 2002 to provide water to parched areas of the Upper basin.

In 2004, the BRA filed an application with the TCEQ requesting a permit for up to 421,000 acre-feet of water per year from existing sources within the Brazos River basin. The water for this System Operation Permit requested will originate from:

- The coordinated operation of the dozen reservoir projects in our system;
- Currently unpermitted water behind the dams in the reservoirs;
- Currently unappropriated flows in the river; and
- Unused effluent, to the extent that it is not being used by other senior water users and is available.

While this approach results in making significantly more water available for the communities, it still allows for the development of other proposed water supply projects found in the approved Regional Water Plan.

In June 2004, the BRA assumed ownership of the City of Taylor's Potable Water Treatment Facility and renamed it the East Williamson County Regional Water System (EWCRWS). As part of the purchase contract, the BRA agreed to expand the facility to meet the immediate needs of the city and their customers. Besides the residential and commercial customers, Taylor also provides water services to the City of Hutto. The expansion was completed in March, 2008 producing sufficient capacity to provide water to other customers including Jonah Special Utility District, an area in great need of additional water.



East Williamson County Plant Expansion

In 2005, nearing the end of the 40-year contract, the BRA sold the Waco Metropolitan Area Regional Sewerage System (WMARSS) to the customer cities.

In 2005, the BRA also transferred ownership and operational responsibilities for Lake Alan Henry to the City of Lubbock. The refunding of the bonds successfully completed the contract between the city and the BRA for completion of a water supply lake for the city.

In 2006, during the 80th Texas Legislature, a proposed bill to force the BRA into mandated divestiture of leased properties at Possum Kingdom Lake was introduced in both the State House of Representatives and the Senate. Though the bill did not receive approval by the Senate Natural Resources Committee, the BRA Board of Directors voted to move forward with a proposed voluntary divestiture process.

In 2006, the BRA completed the final phase of the Possum Kingdom Lake Hike and Bike Trails System. The third addition completed the 16-mile system linking area camp grounds and parks. Funding for trail development was provided on a cost-share basis through grants with the Texas Parks and Wildlife Department.

In 2007, the hydroelectric plant at the Morris Sheppard Dam at Possum Kingdom Lake was shut down for mechanical evaluation.

In 2008, the Board of Directors passed a resolution to move forward with the divestiture of residential and certain commercial leased lots at Possum Kingdom Lake via a third-party sale that would include protections to allow lessees the option to purchase their individual leased property or continue leasing long-term. A request for bids was made public in January 2009 and a bid was accepted in April 2009. At the same time, the 81st Texas Legislature passed a bill that validated the parameters of the third-party sale and provided a back-up sale option that would allow lessees direct purchase of their leased lot from the BRA in the event the third-party sale was not successful. The sale was completed on October 22, 2010, to Patterson PK Land Partnership, LTD.

In 2010, after several years of study, the BRA, working with various stakeholders, completed the Lake Granbury Watershed Protection Plan (WPP). This locally developed plan was designed to reduce bacterial impairments in all parts of Lake Granbury that do not meet state water quality standards (primarily older man-made canals serving residential developments) or the local stakeholder goal. Grants to help fund the plan's goals were obtained in 2011.

In November 2010, the Board of Directors voted to decommission the Possum Kingdom Lake hydroelectric plant and staff notified the Federal Energy Regulatory Commission (FERC) of the intent to surrender the license. The facility had not generated power since 2007 due to issues related to the integrity of the penstocks that carry reservoir water to the hydroelectric turbines. In 2011, the BRA filed its Surrender of License Application with FERC.



Possum Kingdom Hydroelectric Facility

2011 – 2019



Lake Granbury Pier

The Brazos basin suffered through a record-breaking drought with October 2010 through September 2011 marking the hottest and driest twelve months in more than 100 years. Seven of the BRA's eleven reservoirs reached all-time low levels.

The zonal drawdown methodology for operating the Possum Kingdom-Granbury-Whitney Water Management Plan, was approved by the Board of Directors in April 2011.

In 2011, large wildfires devastated much of the land around Possum Kingdom Lake. Together, the fires burned more than 133,000 acres and destroyed more than 330 structures, including numerous homes around the lake.

In October 2011, the BRA Board of Directors approved the execution of an agreement to transfer the Surface Water and Treatment System (SWATS) facility at Lake Granbury to the participating customers. The transfer of ownership, operations and personnel was completed on May 31, 2012, ending the BRA's involvement in this regional water treatment system. The participants continue to purchase water supply from the BRA.

In January 2012, the State Office of Administrative Hearings mandated that a Water Management Plan (WMP) to accompany the System Operations Permit be delivered to the TCEQ by November 29, 2012. As a result of questions posed by the TCEQ, the WMP and Technical Report, along with the associated appendices, were revised and submitted to the TCEQ on June 12, 2013. Additionally, a revised version of draft Water Use Permit No. 5851, consistent with the revised WMP and Technical Report, was included in the June 12, 2013 submittal for the TCEQ's consideration. The updated plan incorporated the Senate Bill 3 Environmental Flow Standards for the Brazos River basin and was adopted in February 2014.

In July 2012, the Temple-Belton Wastewater Treatment Plant properties, permits and equipment were transferred to the owner cities, with BRA continuing operations and management of the regional plant.

In 2013, to better provide for adequate water supply needs for the Williamson County area, the BRA began a demonstration project to provide for conjunctive use of groundwater from the Trinity Aquifer with treated surface water from Lake Granger. In 2014, a test well was drilled on the property of the East Williamson County Regional Water System.



Trinity Test Well

Also, in 2013, Senate Bill 918 was passed by the Texas Legislature and provided for the BRA sale of the remaining residential and commercial lease property at Possum Kingdom Lake. Bids were received and evaluated for the sale of the property. In addition, Senate Bill 918 included the sale of Costello Island, which was completed in May 2015.

In March 2014, the formal decommissioning of the hydroelectric plant at Possum Kingdom Lake's Morris Sheppard Dam was completed by the Federal Energy Regulatory Commission.



Dock located at Possum Kingdom Lake

In 2014, the BRA took over operation of additional wastewater infrastructure for the Cities of Temple and Belton with a contract to operate the Doshier Farms Wastewater plant. Adding the Doshier Farms location simplified services for the two cities.

Water conservation and planning became major initiatives for the BRA in the first half of the decade, as drought conditions rivaled the historic drought of the 1950s. In addition to continued efforts to obtain a major water right from the state with the System Operations Permit, the BRA continued to pursue groundwater development as an option for water supply and began moving forward on the proposed Allens Creek Reservoir permit process. The five-year drought finally came to an end during the spring of 2015 with major rain events completely refilling water supply throughout the entire BRA system of reservoirs.

The year 2015 also marked the end of the residential and commercial lease program at Possum Kingdom Lake. Per a legislatively directed process, the BRA accepted a \$10.15 million bid from Patterson PK2 Land Partnership that allowed current lessees to purchase their leasehold property from a third party, effectively ending the BRA's nearly 70-year leasing program at the reservoir.

The sale and transfer of the West Central Brazos Water Distribution Pipeline was completed in early 2016. The West Central Texas Municipal Water District, made up of the cities of Abilene, Albany, Anson and Breckenridge, purchased the water distribution pipeline along with a long-term water contract to provide long-term, firm water supplies for Jones, Taylor, Shackelford, and Stephens counties.

On September 16, 2016, the BRA received the final order from the TCEQ awarding the System Operation Permit. The permit and its comprehensive Water Management Plan allowed access to water supply such as previously unappropriated flows downstream of BRA reservoirs and discharges from wastewater treatment plants. A condition of the permit's approval by the TCEQ was to study and assess the impact of the 2011-2015 drought on water supply. The study was completed in 2017, concluding that the drought of 2011 – 2015 was indeed worse than the drought of the 1950s for the upper portions of the basin; however, due to the climatological variety of the watershed, the most recent drought did not represent a worse drought for the basin as a whole.

In 2014, the BRA and several partner organizations were awarded funding by the Texas Water Development Board to study the lower Brazos River floodplain. The study would focus on flooding issues from the Grimes/Waller county line to the Gulf of Mexico. Headed by the engineering firm of Halff and Associates, the study was nearly complete when Hurricane Harvey hit the Gulf Coast, dropping more than 60 inches of rainfall. The BRA Board of Directors approved additional funding for the study to continue, allowing for information from the hurricane to be included. The final report was published in October 2018.

Since the early part of the century, the fight to slow the spread of zebra mussels, an invasive non-native mollusk, throughout the southern states had escalated. The BRA joined with other river authorities and water providers in a campaign to educate the public in efforts to slow the spread into the Brazos River basin. In 2016, the mollusk was found in the BRA System's Lake Belton. In 2017, zebra mussels were found in Lake Stillhouse Hollow, temporarily halting use of the Williamson County Regional Raw Water Line to transport water to Lake



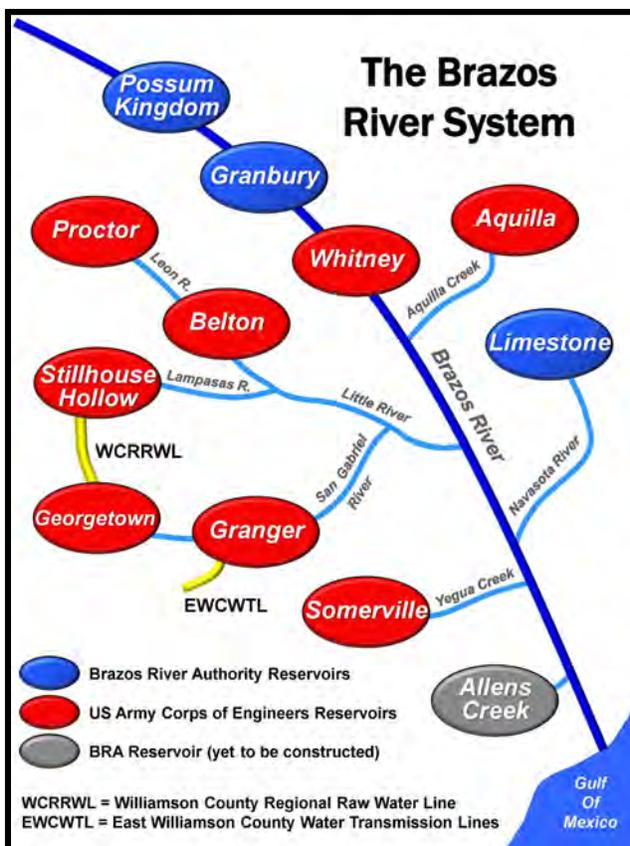
Georgetown. Following meetings with the U.S. Army Corps of Engineers and the pipeline owners, use of the line resumed when needed in 2018. To date, the mollusks have also been found in Lakes Georgetown and Granger within the BRA System of water supply reservoirs.

The water right permit for the proposed Allens Creek Reservoir was amended by the Texas Legislature in 2011 to require that construction commence in 2025 with completion by 2028. In 2017, the BRA informed the City of Houston of its intent to begin environmental permitting and preliminary design. As the BRA moved forward with the permitting portion of the project, the City of Houston became reticent and then resistant to the project, noting they had no immediate need for the water. Following more than a year of failed negotiations to buy out the city's right in the permit, the BRA backed legislation proposed by several lower Brazos basin customers to force the City of Houston to sell their interest in Allens Creek Reservoir. The legislature passed the bill for a required sale of \$23 million which was later signed into law by Governor Abbott.

Within months of HB 2846's signing, the City of Houston filed suit against both the State of Texas and the Brazos River Authority, challenging the constitutionality of the legislation. A Travis County judge granted Houston's motion for summary judgment, ruling HB 2846 to be unconstitutional under provisions of the Texas constitution. The BRA, along with the state, appealed the ruling through the appellate court system. The

BRA continued to work through the legal process with the City and the State of Texas, with the goal of moving this project forward to construction as quickly as possible.

In September 2018, the BRA received final permitting approval for the System Operation Permit. To prepare for the eventual contracting of Sys Ops water, the BRA queried current customers through questionnaires, email and phone conversations to determine their water supply needs and validate their continued interest in additional contracting under the new permit. Within months of the Board's April 2019 vote authorizing contracting for 106,031 acre-feet of water under the System Operations permit, the full amount was secured, under negotiation or being reserved for future projects or emergencies.



2020 – Today

Since 2008, the BRA has worked with the Fort Worth District of the U.S. Army Corps of Engineers to investigate the potential reallocation of storage capacity in Corps-owned reservoirs as a source of additional water supply to benefit the Brazos River basin. As part of the project, the Corps identified two reservoirs, Lakes Aquilla and Whitney as potentially feasible options.



The Office of the Assistant Secretary of the Army for Civil Works (ASA) did not approve the request for Aquilla Lake, citing a permanent loss of a portion of the flood pool and making the future of that project uncertain at best. The second reservoir, Lake Whitney, a massive flood-control reservoir located on the main stem of the Brazos River, houses about 320,500 acre-feet of unallocated water that could be redefined to make more water supply available to meet future demands in the basin.

The 2020 Water Resources Development Act passed by the U.S. Congress included a provision directing the Corps to perform an expedited reallocation study of Lake Whitney. As a result of our efforts, funding for the Whitney reallocation study was made available through the President's FY 2023 budget. The BRA contributed the required funding in May 2023, and the project officially kicked off in June 2023.

Water Planning



The BRA contributed to the 5th cycle of regional water planning for the state with the submittal of final 2021 regional water plans. As an active participant in three planning regions across the basin (Regions O, G, and H), BRA's goal is to ensure consistency between BRA planning efforts and the Regional Water Plans that are submitted to the Governor, Lieutenant Governor, and the Texas Legislature.

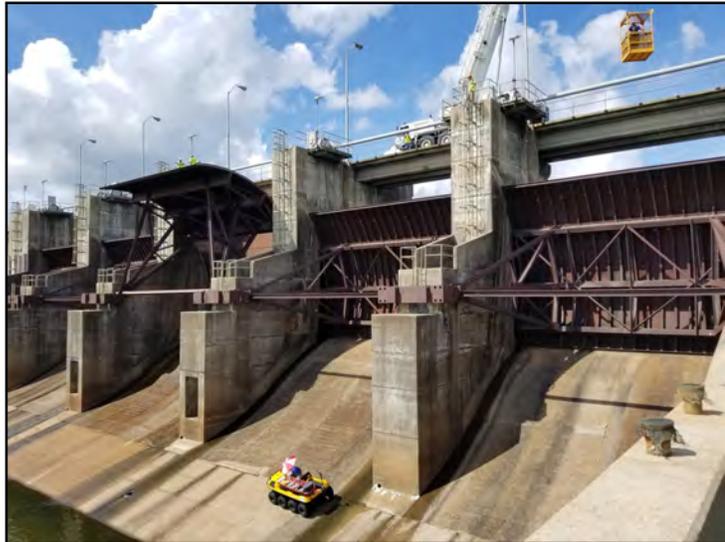
Candidate Conservation Agreement with Assurances - Freshwater Mussels

In June of 2021, after years of negotiation with the United States Fish and Wildlife Service (USFWS) on the Candidate Conservation Agreement with Assurances (CCA) for the False Spike and Texas Fawnsfoot in the Brazos River Basin, the USFWS published the Freshwater Mussel CCA and the BRA executed the CCA and permit. The execution of the CCA and permit will provide for freshwater mussel conservation

in the basin and will reduce the exposure of BRA's water supply system to liabilities associated with the Endangered Species Act.

Lake Limestone Tainter Gate Replacement Project

A 2018 engineering investigation and cost analysis into the five existing Tainter gates at the Sterling C. Robertson Dam established the Lake Limestone Gate Replacement Project. The project will extend the life of the existing dam.



East Williamson County Regional Water System

The BRA has been actively engaged in groundwater development efforts in Williamson County. In 2020, the BRA completed its first Trinity aquifer groundwater well at the East Williamson County Regional Water System treatment plant adjacent to Lake Granger. The groundwater developed at this site will be conjunctively used with Lake Granger surface water to help supply the rapidly growing communities along the Interstate 35 and State Highway 130 corridors in Williamson County. Additional well sites are planned to be added in the future as water supply needs increase.

The Williamson County Regional Raw Water Line (WCRRWL), the water transportation pipeline operated by the BRA for three municipal customers in Williamson County, delivers water from Lake Stillhouse Hollow in Bell County to Lake Georgetown in Williamson County and is vital to meeting these customers' water needs during dry times.

The WCRRWL was in service for most of 2021, transferring approximately 33,000 acre-feet of water from Lake Stillhouse Hollow to Lake Georgetown. The WCRRWL pump station was originally constructed with a pumping capacity of about 27 million gallons per day (mgd) that was expanded to about 43 mgd approximately 10 years ago. In 2021, BRA began planning for the final phase of pumps that will take the system to its ultimate design capacity of roughly 55 mgd.

Belhouse Drought Preparedness Project

As part of the same system, an additional pipeline is planned to connect Lake Belton to Lake Stillhouse Hollow to help meet the growing water needs of customers that divert water from Lake Stillhouse Hollow. In 2022, the preliminary engineering design for the plan dubbed the Belhouse Drought Preparedness Project was completed. The first public meeting was held in the fall of 2022. The pipeline is expected to be operational in the next five to seven years.

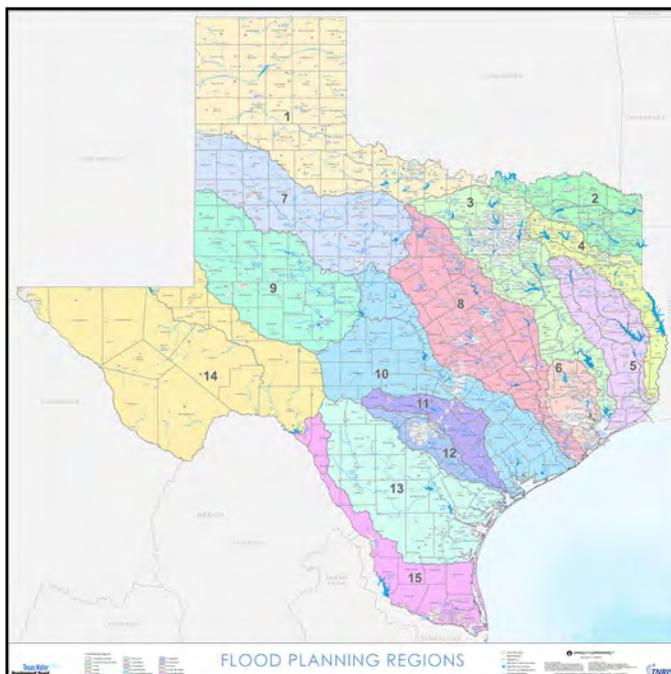
Virtual Public Meetings – Brown Bag on the Brazos River Authority

In April 2021, following the success of live-streaming Board of Director’s meetings for the public, GM/CEO David Collinsworth instituted regularly scheduled virtual town hall meetings to further improve organizational transparency and allow the public a forum to ask questions of BRA Management. The bi-monthly Brown Bag on the Brazos, held at noon via Teams Meetings, features topics of interest to both members of the public and BRA customers.

Allens Creek Reservoir

The spring of 2022 saw the finalization of an agreement for the BRA to purchase the proposed Allens Creek Reservoir Project from the City of Houston and the Texas Water Development Board for a landmark \$67 million. Closing documents were signed on May 2, making the BRA full owners of the planned off-channel water supply project. Work toward issuing a federal 404 Clean Water Permitting process is expected to take 4 – 7 years, with construction anticipated after 2030. Once complete, the reservoir will provide an estimated 100,000 acre-feet of additional water supply available for customers in the BRA’s Lower Basin. The current projected cost of the project is \$700 million.

State Flood Planning



In 2019, the 86th Texas Legislature passed Senate Bill 8 directing the creation of the first-ever State Flood Plan for Texas to be prepared by the Texas Water Development Board that would follow a similar regionally driven “bottom-up” approach that’s been used for water supply planning in Texas. Fifteen flood planning regions were established in late 2020 based on the state’s major river basins. Two regions were formed within the Brazos River Basin: Region 7 - Upper Brazos Regional Flood Planning Group, which extends from the Texas-New Mexico border to just upstream of P.K.; and Region 8 – Lower Brazos Regional Flood Planning Group (Region 8 LBRFPG), which spans just upstream

of P.K. downstream to the Gulf of Mexico at Freeport. The Region 8 LBRFPG designated the BRA to act as the group's administrative sponsor to apply for and receive financial assistance from the TWDB to develop the regional flood plan for the group.

In December 2022, the LBRFPG voted to adopt the first Regional Flood Plan and submitted the completed regional plan to the Texas Water Development Board in January 2023. The first State Flood Plan is expected to be complete by September 2024.

Lake Granger Slope Stabilization Project

The first half of 2023 saw the construction and completion of a project to remediate erosion at the East Williamson County Regional Water Treatment intake at Lake Granger. Storage in the multi-purpose flood control reservoir had eroded the shoreline near the intake, posing a threat to the pump building.

Concrete Assessment and Service Life Extension Project (CASSLE)

The Concrete Assessment and Service Life Extension (CAASLE) Project to extend the life of Possum Kingdom Lake's Morris Sheppard Dam was completed in 2024. BRA implemented a Long-Term Structural Concrete Testing and Repair Program to evaluate and complete future concrete repairs.



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Performance Measures

The FY 2025 Annual Operating Plan represents the third year for the reporting of Performance Measures for the Brazos River Authority. The gathering and reporting of Performance Measures will be a dynamic process, with additional measures to be added in future years as the process is refined. The Performance Measures are being presented on an organization wide basis.

Function	Performance Measure	2023 Actual	2024 Projected	2025 Goal	Strategic Plan Goal
Executive	Board meeting minutes posted to BRA website within 30 days of approval	100%	100%	100%	Ensure a robust connection with our stakeholders
Executive	Board agendas posted in accordance with applicable law	100%	100%	100%	Ensure a robust connection with our stakeholders
Executive	BRA Brown Bag Virtual Town Hall Meetings hosted	5	5	4	Ensure a robust connection with our stakeholders
Executive	Quarterly Brazos Basin Newsletters published	4	4	4	Ensure a robust connection with our stakeholders
Executive	Water Supply Customer meetings hosted in the Upper Basin and Central/Lower Basin	3	2	2	Ensure a robust connection with our stakeholders
Administrative	Quarterly Financial Reports posted on BRA Transparency Website within three days of Board presentation	4	4	4	Ensure a robust connection with our stakeholders
Administrative	Quarterly Investment Reports posted on BRA Transparency website within three days of Board presentation	4	4	4	Ensure a robust connection with our stakeholders
Administrative	Building Facilities Service Request days to complete	2.54	2	3	Advance operational efficiency
Administrative	Percentage of CCR payments issued versus paper checks	35%	34%	>25%	Advance operational efficiency
Administrative	Percentage of Accounts Receivable Aging > 60 days	0%	5%	<15%	Advance operational efficiency
Administrative	Percentage of employees on Direct Deposit	100%	100%	100%	Advance operational efficiency
Social Media	Number of platforms utilized	5	6	6	Ensure a robust connection with our stakeholders
Social Media	Total number of followers	1,012,279	1,075,000	1,100,000	Ensure a robust connection with our stakeholders
Environmental	Clean Rivers Program Data Completion Rate	96.6%	97%	>95%	Protect the water resources we are entrusted with
Treatment Operations	Sugar Land North & South Plants sodium hypochlorite dosing within contract parameters	11.47 mg/l	12.00 mg/l	<13.0 mg/l	Manage water resources for the benefit of the basin
Treatment Operations	Sugar Land North & South Plants sodium bisulfite dosing within contract parameters	7.76 mg/l	7.00 mg/l	<10.3mg/l	Manage water resources for the benefit of the basin
Water Services	Provide weekly water usage and projected diversions to the Brazos Watermaster on a timely basis	100%	100%	100%	Protect the Water resources we are entrusted with



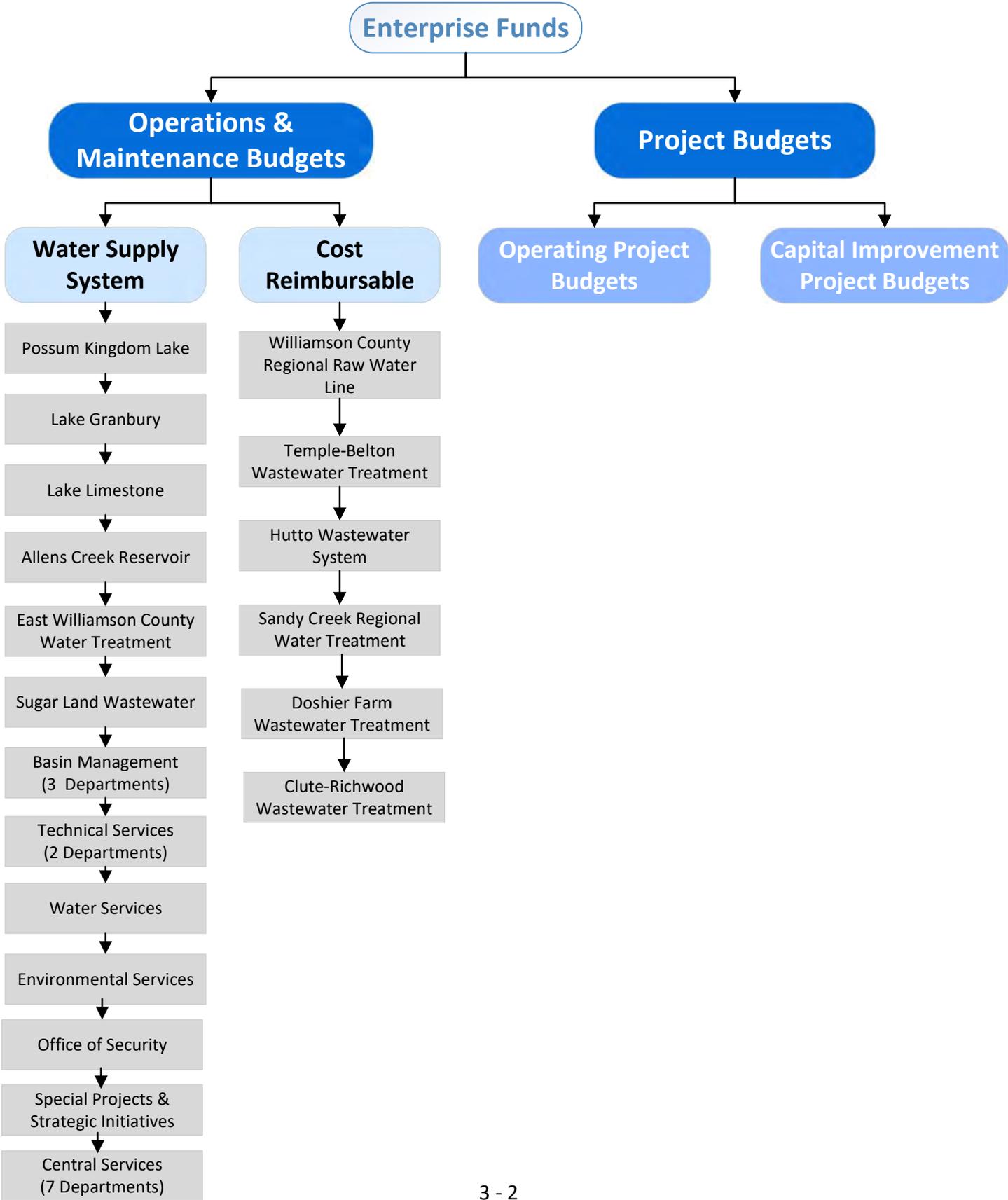
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FINANCIAL INFORMATION

Brazos River Authority Financial Structure



FINANCIAL OVERVIEW

Fund Type, Basis of Budgeting and Basis of Accounting

The Annual Operating Plan (AOP) serves as the foundation for the Brazos River Authority's (BRA's) financial planning and control. All of the financial activities included in the AOP are accounted for using Enterprise Funds, which are appropriate for business type undertakings where costs are recovered primarily through user charges. The BRA utilizes the full-accrual method for accounting. Under this method, revenues are recognized when they are earned and measurable, while expenses are recognized when they are incurred. The basis for preparing the budget is the same as the basis of accounting except for debt principal payments and capital outlay items, which are expensed in the budget and capitalized for accounting purposes. The BRA does not budget for depreciation.

Budget Structure

The BRA prepares, adopts and maintains two types of budgets within the AOP; Operations & Maintenance (O&M) Budgets and Project Budgets.

Individual O&M Budgets are adopted annually for each department/location. The O&M Budgets cover the recurring normal revenues and expenditures for the upcoming fiscal year based on the objectives set forth by each department. They also include small capital items such as vehicles, equipment and small improvement projects that can be completed during the fiscal year. The O&M Budgets are further classified as Cost Reimbursable or Water Supply System. Cost Reimbursable budgets include the BRA's operation and maintenance of customer owned treatment and water conveyance facilities under cost reimbursable contracts. The Water Supply System O&M budgets include all other operations.

The BRA plans for long-term goals and objectives using a 50-year planning horizon to coincide with the State Water Plans adopted by the Texas Water Development Board. The Project Budgets are the financial component of the 50-year planning process. As opposed to the O&M Budgets, which are for one year, the Operating and Capital Improvement Project Budgets are for tasks that are expected to cover a number of years or are non-recurring in nature.

There are two categories of Project Budgets; Operating Projects and Capital Improvement Projects. They are similar in that they can be multi-year and are generally non-recurring, but Capital Improvement Projects are used to budget for the purchase/creation of major capital assets while Operating Projects are used to budget for studies/surveys/assessments, technology items and smaller capital purchases funded with current revenues.

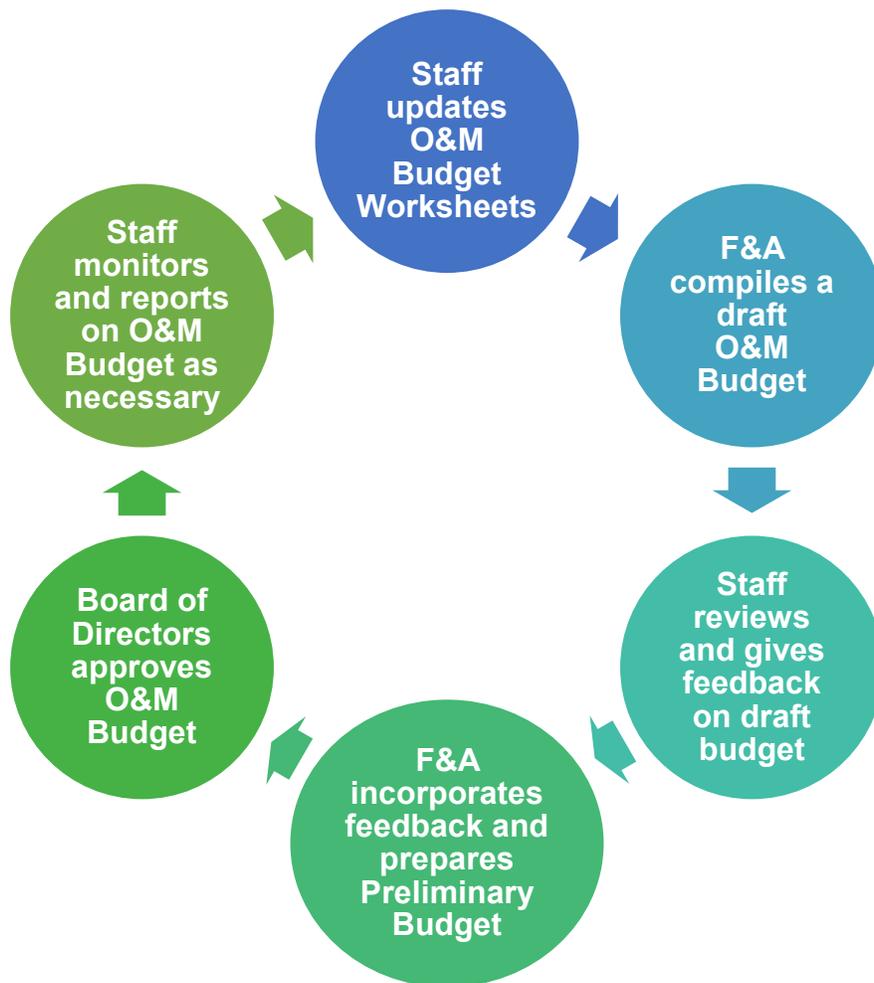
For presentation purposes, the O&M budgets are arranged by either regional location or function. The Brazos River basin is divided into three different geographical regions; Upper, Central and Lower, to allow water supply and treatment operations to work together to address the distinct needs of the residents in different parts of the basin. Each region is supported by the six functional divisions; Technical Services, Special Projects & Strategic Initiatives, Water Services, Environmental Services, Office of Security, and Central Services.

BUDGET PROCESS

The BRA's budget is prepared in accordance with applicable state laws, contractual obligations, and BRA policies. The BRA uses the state fiscal year, which begins September 1 and ends August 31. The budget document shows the anticipated revenues and expenses for the fiscal year and serves as a financial management tool for the Board of Directors and BRA personnel.

In order to have an adopted budget in place by September 1 each year, the budget process must begin many months earlier.

O&M Budgets



In January, O&M Budget worksheets are made available to BRA departments. These worksheets contain prior year actual expenditures, prior year budget detail, and current year expenditure and budget amounts. The departments usually have about six weeks to update the worksheets.

While the Departments are preparing their budgets, the Finance & Administration Department (F&A) compiles personnel costs, insurance costs, debt service requirements, revenue projections, and other pertinent data for the upcoming year. When the departments return their requests, all of this data is combined to form a “first draft” O&M Budget.

F&A holds meetings, and with help from all the departments, the budgets are reviewed to assure that they adequately provide for the needs of the BRA while keeping the budget balanced and any increase in the System Rate to a minimum. All new requests are discussed with the Management Team. The results of these discussions are compiled to produce a Preliminary O&M Budget. BRA staff makes a Preliminary O&M Budget presentation to the Board of Directors at their May Board meeting.

After the May Board meeting, BRA holds a series of public meetings in each of our three regional basins to update our customers on current issues and our proposed budget and System Rate.

Operating Project and Capital Improvement Project Budgets (Projects)

The information needed to compile the Projects Budget is captured using Project Budget Worksheets (PBW's). These worksheets contain all of the relevant information about the project, including a description, project manager, location, supporting documentation, proposed funding sources, estimated budget and estimated impacts to future O&M budgets.

The PBW's are the basis for the BRA's Long Range Financial Plan. The BRA tracks and updates an inventory of PBW's. As soon as staff identifies the need for a project, they complete a PBW and submit it to be considered for inclusion in the inventory. The PBW is then vetted by the Management Team and the General Manager/CEO. If approved, the PBW is added to the inventory. The PBW's are updated as needed and/or at least once a year during the budget process. A summary of proposed PBW expenditures for the upcoming fiscal year and the subsequent four years is included in the preliminary budget review that is presented to the Management Team and the General Manager/CEO. This PBW summary is reviewed and discussed by the Management Team and the General Manager/CEO and any changes are communicated back to the Finance & Administration Department.

Annual Operating Plan Approval

After all changes resulting from the staff reviews have been made, the proposed Annual Operating Plan is sent to the Board of Directors in advance of their July Board meeting. BRA staff answers all questions and requests for clarification in advance of the meeting at which the Board of Directors adopts the budget.

Budget Tracking and Performance

Once the AOP has been adopted by the Board of Directors, it is published on the BRA website for reference by BRA staff and the general public. The O&M Budget worksheets and Program/Project Budget worksheets are placed on an internal website so they can be viewed and referred to by all BRA staff. The budgets are also entered into the Enterprise Financial Software. Each month the Finance & Administration Department produces a budget versus actual report for all of the O&M Budgets. These reports are also placed on the internal website for review and reference. The Project Budget reports are updated at the end of each quarter with actual expenditures. Budget reports for O&M and Projects are presented to the Board of Directors on a quarterly basis.



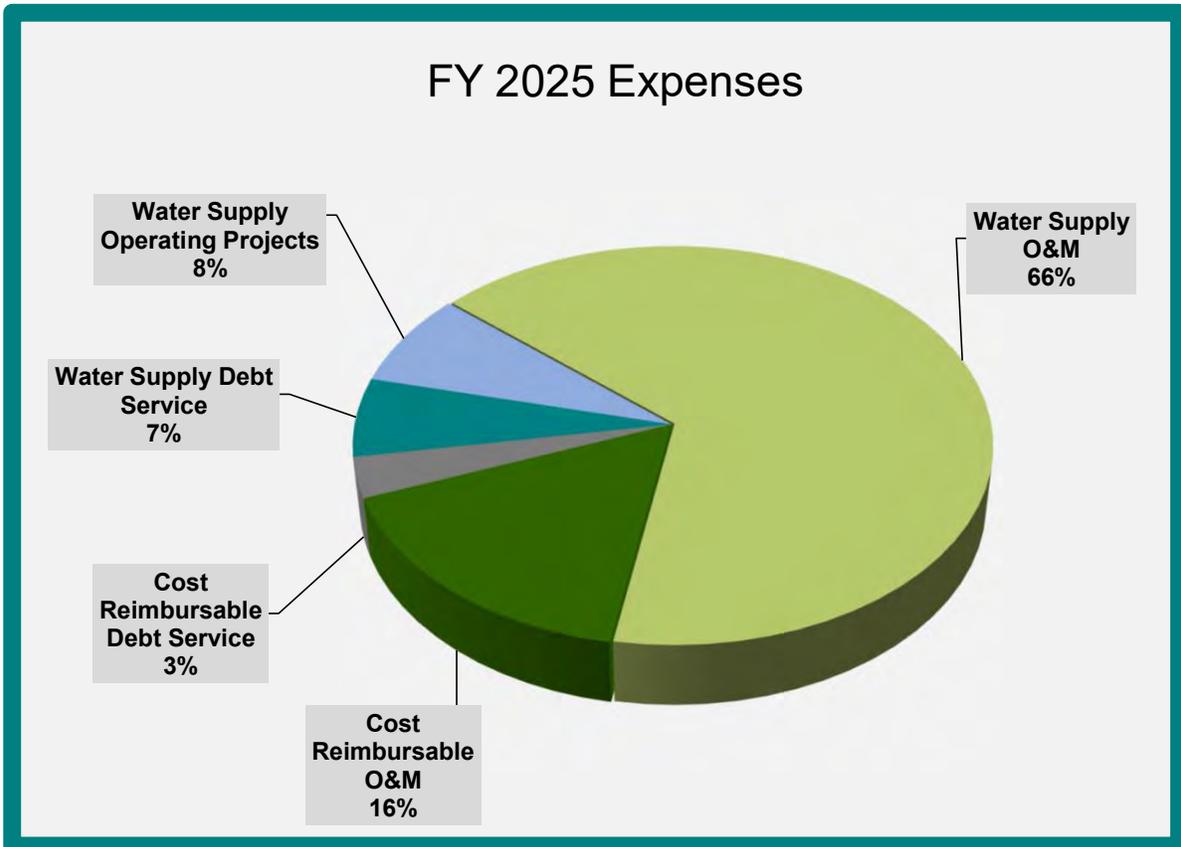
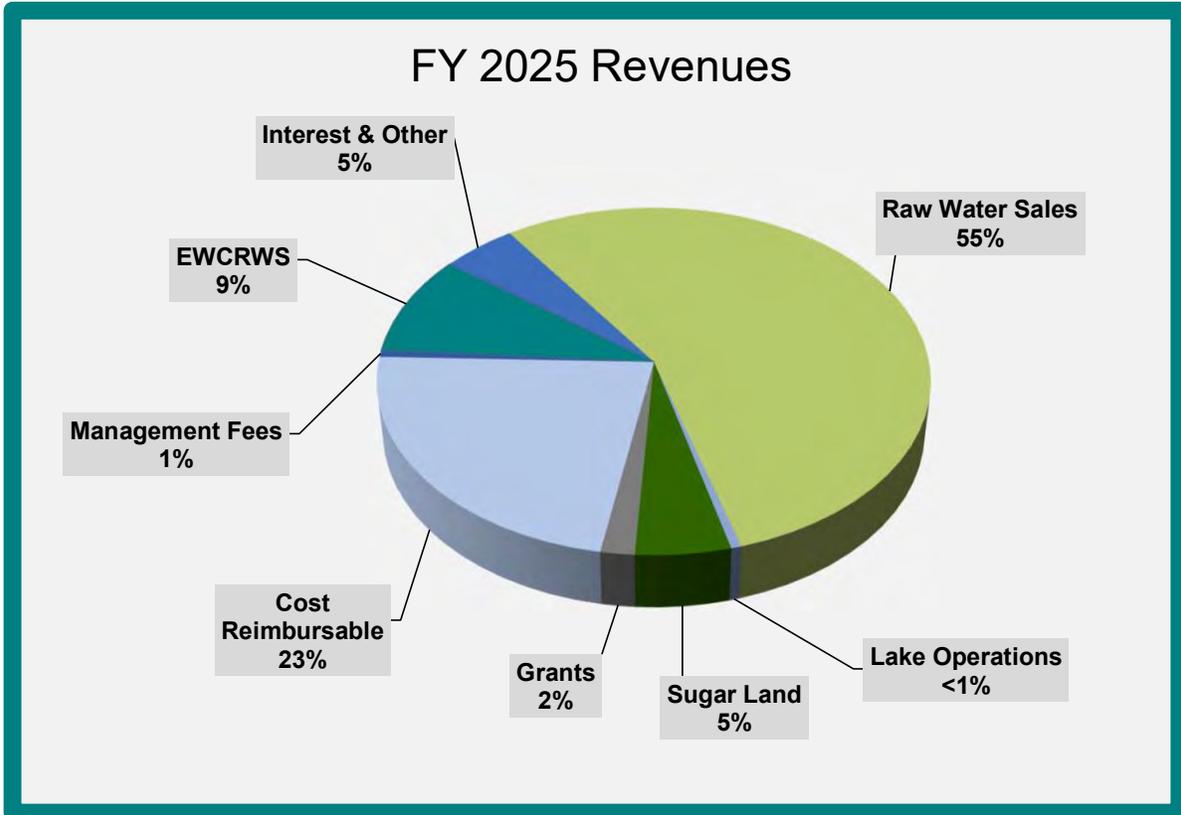
Brazos River Authority

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FUND SCHEDULES FY 2025

FY 2025 Operating Revenues & Expenses



All Lines of Business
Working Capital Summary
Fiscal Year 2025 Proposed Budget

	Water Supply	Cost Reimbursable	Total
Beginning Working Capital	\$ 105,593,341	\$ -	\$ 105,593,341
Revenues			
Raw Water Sales	56,435,992	-	56,435,992
Lake Operations	554,908	-	554,908
East Williamson County RWS	9,531,747	-	9,531,747
Sugar Land WW	5,133,608	-	5,133,608
Cost Reimbursable - Water Operations	-	3,083,567	3,083,567
Cost Reimbursable - Wastewater	-	9,450,865	9,450,865
Cost Reimbursable - Pipeline Operations	-	5,650,240	5,650,240
Grants/Stakeholder Funding	1,835,144	5,042,000	6,877,144
Management Fees	642,465	-	642,465
Interest Income	4,936,169	-	4,936,169
Miscellaneous	51,000	-	51,000
Total Revenues	79,121,033	23,226,672	102,347,705
Expenses			
Operations & Maintenance	61,527,403	15,158,072	76,685,475
Operating Projects	7,075,000	-	7,075,000
Debt Service	5,921,987	3,026,600	8,948,587
Total Expenses	74,524,390	18,184,672	92,709,062
Surplus/(Deficit) before CIP	4,596,643	5,042,000	9,638,643
Capital Improvement Projects (CIP)	(38,069,000)	(5,042,000)	(43,111,000)
Debt Funding	-	-	-
Ending Working Capital	\$ 72,120,985	\$ -	\$ 72,120,985

Water Supply System
Working Capital Summary
Fiscal Year 2023-2025 Comparison

	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Beginning Uncommitted Reserves	\$ 62,386,796	\$ 110,667,853	\$ 110,667,853	\$ 105,593,341
Revenues				
Raw Water Sales - System Rate	42,022,828	44,608,278	45,172,705	47,933,130
Raw Water Sales - Non-System Rate	7,832,033	7,812,856	8,473,843	8,502,862
East Williamson County RWS	6,353,049	7,079,456	7,409,704	9,531,747
Sugar Land Wastewater	3,991,204	4,906,776	4,501,753	5,133,608
Lake Operations	601,836	540,634	567,114	554,908
Grants & Local Funding	1,471,243	1,377,894	1,168,124	1,835,144
Management Fees	523,920	634,098	612,970	642,465
Interest Income	3,995,164	3,149,274	6,359,600	4,936,169
Miscellaneous	67,745	51,000	68,235	51,000
Rate Stabilization Reserves	-	-	-	-
Total Revenues	66,859,021	70,160,266	74,334,048	79,121,033
Operating Expenses				
Upper Basin				
Upper Basin Management	1,001,967	987,032	978,616	1,053,243
Possum Kingdom Lake	8,645,407	9,246,992	9,047,468	10,230,346
Lake Granbury	3,628,860	4,602,907	4,217,993	4,987,391
Central Basin				
Central/Lower Basin Management	2,044,063	2,115,182	1,807,314	1,502,832
East Williamson County RWS	2,281,702	3,079,679	2,882,087	3,936,875
Lower Basin				
Lake Limestone	2,968,620	3,072,569	2,826,413	3,510,311
Allens Creek Reservoir	302,492	485,075	840,387	561,044
Sugar Land WW	3,964,833	5,373,717	4,596,077	5,628,942
Technical Services				
Management	1,083,957	1,568,227	1,224,321	1,478,543
Engineering Services	2,194,423	2,491,630	2,364,536	2,823,724
Office of Security	490,852	590,652	560,027	591,125
Special Projects & Strategic Initiatives	485,021	635,363	685,258	726,663
Water Services				
Water Resources	1,488,490	1,967,204	1,554,328	1,814,886
Federal Reservoirs & Purchased Water	10,198,525	15,656,548	12,620,432	18,600,948
Environmental Services	3,259,071	3,752,168	3,695,809	4,080,528
General & Administrative				
Board of Directors	126,801	136,321	131,574	134,742
General Administration	657,903	673,951	681,168	1,103,453
Legal Services	1,007,486	1,163,920	1,145,562	1,225,935
Government & Customer Relations	1,124,614	1,379,373	1,311,297	1,446,185
Human Resources	1,142,869	1,460,915	1,414,068	1,622,499
Finance & Administration	2,085,101	2,414,229	2,253,768	2,511,841
Information Technology Services	3,071,828	3,577,408	3,465,156	3,442,932
<i>Less: General & Administrative allocated</i>	<i>(9,216,602)</i>	<i>(10,806,118)</i>	<i>(10,402,593)</i>	<i>(11,487,588)</i>
Subtotal	44,038,282	55,624,946	49,901,066	61,527,403
Debt Service				
East Williamson County RWS	2,536,936	2,537,345	2,537,345	2,537,751
Federal Reservoirs	1,587,362	1,574,399	1,574,399	1,447,922
Allens Creek Reservoir	121,031	1,931,439	1,680,750	1,936,314
Subtotal	4,245,329	6,043,183	5,792,494	5,921,987
Operating Projects	2,277,580	5,442,000	3,730,000	7,075,000
Total Expenses	50,561,191	67,110,129	59,423,560	74,524,390
Surplus/(Deficit) before CIP	16,297,831	3,050,136	14,910,487	4,596,643
Less: Capital Improvement Projects	13,114,641	42,816,000	19,985,000	38,069,000
Plus: Audit Adjustments	(902,132)	-	-	-
Less: Rate Stabilization Reserves Utilized	-	-	-	-
Plus: Debt Funding	46,000,000	46,000,000	-	-
Ending Uncommitted Reserves	\$ 110,667,853	\$ 116,901,990	\$ 105,593,341	\$ 72,120,985

Cost Reimbursable Operations
Working Capital Summary
Fiscal Year 2023-2025 Comparison

	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Operating Revenues				
WCRRL	\$ 2,347,645	\$ 2,588,186	\$ 2,333,260	\$ 2,623,640
T-B WWTP	2,573,920	3,850,921	4,293,292	3,619,248
Doshier Farm	1,703,841	2,167,455	2,312,608	2,071,825
Hutto	1,880,152	2,108,990	2,040,072	2,483,776
Hutto R&R	-	80,000	-	80,000
Sandy Creek	2,685,338	2,672,652	2,582,644	3,083,567
Clute	917,750	1,612,458	1,602,044	1,196,016
Debt Service Revenues				
WCRRL	3,020,000	3,020,000	3,020,400	3,026,600
Capital Project Funding				
Local Stakeholder Funding	1,695,528	4,858,000	2,418,000	5,042,000
Total Revenues	16,824,173	22,958,663	20,602,320	23,226,672
Operating Expenses				
<u>Central Basin</u>				
WCRRL	2,347,645	2,588,186	2,333,260	2,623,640
T-B WWTP	2,573,920	3,850,921	4,293,292	3,619,248
Doshier Farm	1,703,841	2,167,455	2,312,608	2,071,825
Hutto	1,880,152	2,108,990	2,040,072	2,483,776
Hutto R&R	-	80,000	-	80,000
Sandy Creek	2,685,338	2,672,652	2,582,644	3,083,567
<u>Lower Basin</u>				
Clute	917,750	1,612,458	1,602,044	1,196,016
Subtotal	12,108,645	15,080,663	15,163,920	15,158,072
Debt Service Expenses				
WCRRL	3,020,000	3,020,000	3,020,400	3,026,600
Capital Improvement Projects				
WCRRL Copper Ion Generator	377,304	1,846,000	1,846,000	-
WCRRL Phase 3 Pumps	1,318,224	3,012,000	572,000	5,042,000
Total Expenses	16,824,173	22,958,663	20,602,320	23,226,672
Surplus/(Deficit)	\$ -	\$ -	\$ -	\$ -

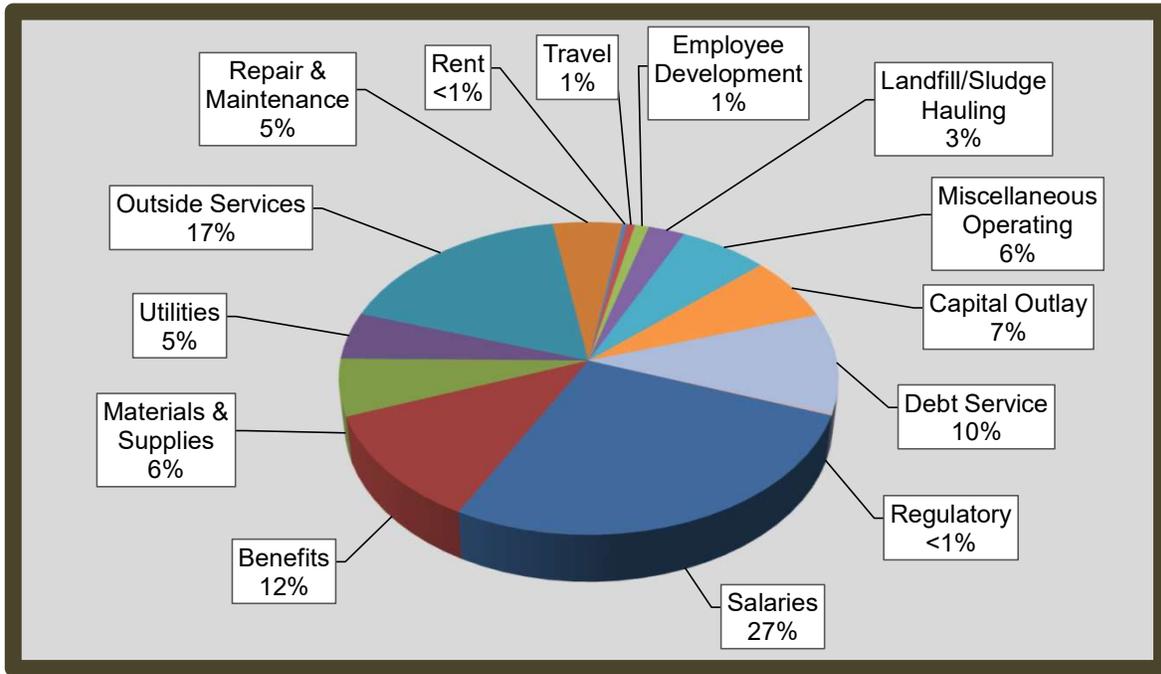


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Total Operating Expenditures
Detail by Expense Category
FY 2025



	Fiscal Year 2023 Actual	Fiscal Year 2024 Budget	Fiscal Year 2024 Projected	Fiscal Year 2025 Proposed	% Change FY 2024 to FY 2025 Budget
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Salaries	\$ 19,327,692	\$ 21,791,336	\$ 20,671,572	\$ 23,566,537	8.15%
Benefits	7,615,035	8,876,873	8,211,000	9,957,137	12.17%
Materials & Supplies	3,611,628	4,775,558	4,162,804	5,081,534	6.41%
Utilities	3,852,228	4,047,584	3,465,174	4,200,412	3.78%
Outside Services	8,633,908	12,172,250	10,719,297	14,998,299	23.22%
Repair & Maintenance	3,172,770	4,324,885	3,516,316	4,364,061	0.91%
Rent	368,603	292,241	335,359	267,574	-8.44%
Travel	378,084	537,484	452,385	501,746	-6.65%
Employee Development	404,475	888,345	621,066	872,917	-1.74%
Regulatory	135,998	144,493	140,308	144,093	-0.28%
Landfill/Sludge Hauling	1,535,742	2,030,618	1,885,000	2,264,580	11.52%
Miscellaneous Operating	2,891,101	5,298,213	3,959,502	5,558,998	4.92%
Capital Outlay	4,076,659	6,292,492	6,932,363	5,737,083	-8.83%
Debt Service	7,499,434	9,065,583	8,812,894	8,951,187	-1.26%
Total Operating Expenses	63,503,356	80,537,955	73,885,040	86,466,158	7.36%
Operating Projects	2,277,580	5,442,000	3,730,000	7,075,000	30.01%
Expenses out to Capital Projects	(91,100)	(769,163)	(7,160)	(832,095)	8.18%
Net Operating Expenses	\$ 65,689,836	\$ 85,210,792	\$ 77,607,880	\$ 92,709,062	8.80%

Salaries	Increasing due to merit and ECI increases and the addition of five full-time positions in FY 25
Benefits	Increase in health insurance premiums
Materials & Supplies	Increases in unit costs of chemicals for water/wastewater treatment
Outside Services	Increase in O&M payments for storage in Corps of Engineers lakes, ten-year update of System Operations Permit Water Management Plan, and five-year dam surveys and inspections
Landfill/Sludge Hauling	Increased transportation costs and landfill tipping fees for water/wastewater treatment sludge
Operating Projects	Increase is due to higher anticipated Operating Project expenditures, see details in Tab 14



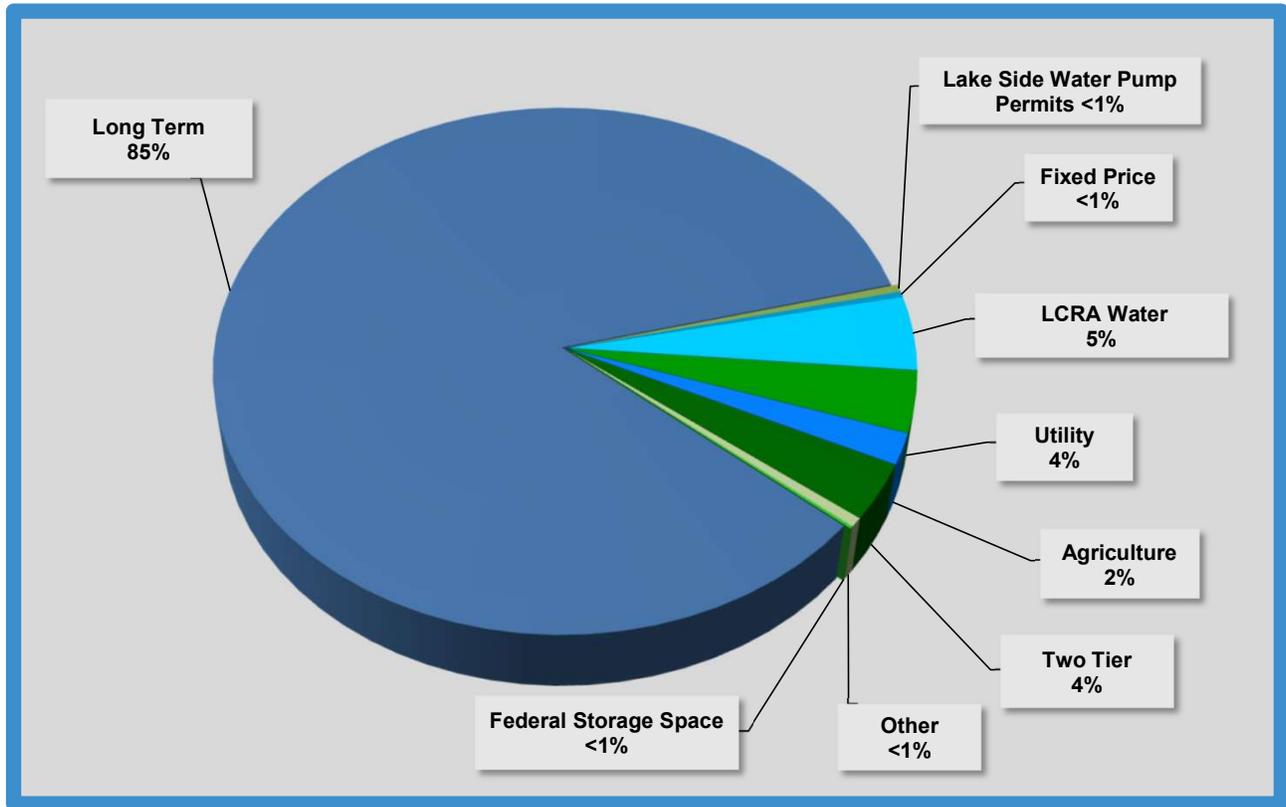
Brazos River Authority

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REVENUE DETAIL

Water Sales Revenue Detail by Type of Contract FY 2025



	Fiscal Year 2023 Actual	Fiscal Year 2024 Budget	Fiscal Year 2024 Projected	Fiscal Year 2025 Proposed
Raw Water Sales - System				
Long Term	\$ 42,008,469	\$ 44,608,278	\$ 45,017,074	\$ 47,933,130
Short Term	14,359	-	155,631	-
Total Raw Water Sales - System	42,022,828	44,608,278	45,172,705	47,933,130
Raw Water Sales - Non-System				
Fixed Price	241,040	240,748	240,735	171,541
Two Tier	1,881,940	1,935,183	1,926,235	1,934,832
LCRA Water	1,978,335	2,101,230	2,101,231	2,564,569
Utility	2,361,771	2,104,512	2,451,472	2,104,512
Agriculture	754,459	779,575	1,111,864	1,075,039
Other	301,520	301,044	319,317	317,280
Private Contracts	222,866	242,225	243,650	255,750
Federal Storage Space	90,102	108,339	79,339	79,339
Total Raw Water Sales - Non-System	7,832,033	7,812,856	8,473,843	8,502,862
TOTAL WATER SALES REVENUE	\$ 49,854,861	\$ 52,421,134	\$ 53,646,548	\$ 56,435,992

System Water Rate Calculation FY 2024 and 2025

	FY 2024 Budget	FY 2025 Proposed
Water Supply Expenses		
Water Supply O&M Expenditures	\$ 55,311,946	\$ 61,527,403
Water Supply Debt Service (subject to coverage)	4,468,784	4,474,065
Water Supply Debt Service (not subject to coverage)	1,574,399	1,447,922
Operating Project Expenditures	5,442,000	7,075,000
Total Expenditures	66,797,129	74,524,390
Less:		
Non-System Water Revenues	7,812,856	8,502,862
Other Water Supply Revenues	17,389,131	22,685,041
Total Non-System Revenues	25,201,987	31,187,903
Plus:		
Debt Coverage Requirement (1.3 ratio)	1,340,635	1,342,220
Rate Stabilization Fund	1,725,000	3,250,000
Total Coverage and Reserve	3,065,635	4,592,220
System Water Revenue Requirement	\$ 44,660,777	\$ 47,928,706
Total System Water Billing Units (acre feet)	477,643	481,740
System Rate (System Rate Revenue Requirement divided by the number of System Rate Units)	\$93.50	\$99.50



**Long Term Raw Water Billing Units
Contract Type and Water Sales Revenue Assumptions
FY 2024 and 2025**

	FY 2024			FY 2025		
	Units	Avg Price	%	Units	Avg Price	%
System Rate	477,643	\$ 93.50	66%	481,740	\$ 99.50	66%
Agriculture	11,911	\$ 65.45	2%	15,661	\$ 69.65	2%
Two-Tier	98,999	\$ 19.55	14%	98,999	\$ 19.54	14%
Other Fixed Price	8,957	\$ 26.88	1%	8,683	\$ 19.76	1%
Electric Utility	97,000	\$ 21.70	13%	97,000	\$ 21.70	13%
Sub-Total	694,510		97%	702,083		97%
Colorado Basin	24,700	\$ 85.07	3%	24,700	\$ 103.83	3%
Total	719,210		100%	726,783		100%

The Brazos River Authority’s main source of revenue is the sale of raw water to municipal, industrial and agricultural customers throughout the Basin. The raw water is sold in units called acre-feet; one acre-foot is equal to 325,851 gallons of water, which is enough water to cover one acre of ground to a depth of one foot. The Brazos River Authority projects 726,783 acre feet is to be sold for FY 2025. Raw Water contracts are divided into two categories, System Rate and Non-System Rate. There are five sub-categories of Non-System Rate water contracts, which are detailed below.

System Rate – the System Rate contracts are “take or pay” contracts, which mean the customer pays the same rate for all units under contract, whether they are used or not. The System Rate is re-set each year based on a net revenue requirement, which is the difference between the budgeted expenditures of the Water Supply System and the revenues provided by other sources, divided by the number of units under contract at the System Rate.

Agriculture – water purchased for agricultural purposes. The rate for this type of contract is set at 70% of the approved System Rate.

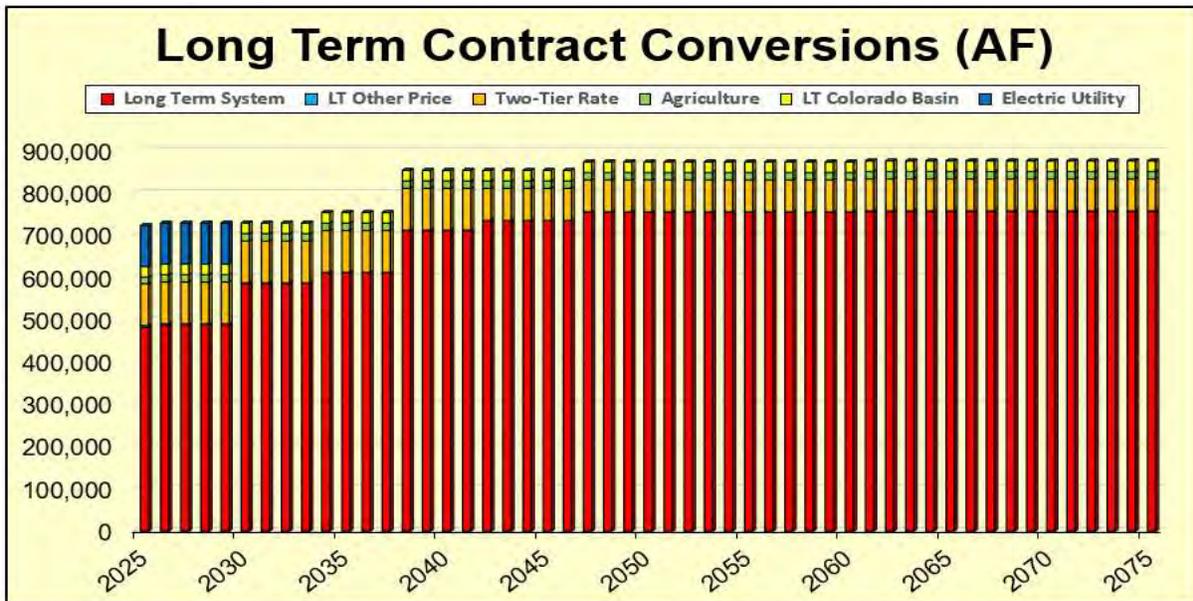
Two-Tier – these contracts charge the customer one rate for water that is used (election price) and another rate for water that is reserved (option price). The election price is twice the option price. The rates are adjusted each year based on the Consumer Price Index (CPI).

Electric Utility – these are set rate contracts with utility companies, mainly to provide cooling water for electric generation. As these contracts expire, they are being replaced with System Rate contracts.

Other Fixed Rate – these are older contracts prior to the establishment of the System Rate. The majority are adjusted on a five year cycle by a calculation based on the CPI, while others are locked at fixed rates until expiration. As these contracts expire, they are being replaced with System Rate contracts.

Colorado Basin – BRA is contracted with the Lower Colorado River Authority (LCRA) for 25,000 acre feet of Colorado basin water for three customers in Williamson County. These customers pay a rate that ranges from slightly higher than BRA’s System Rate to the full LCRA rate.

The graph below represents the expected mix of long term raw water contracts over the next 50 years. The 25,000 AF increase in FY 2038 is due to the expected completion of the Allens Creek Reservoir, which will make 99,650 AF of new water available. An additional 20,000 AF is projected in FY 2047 from the Lake Somerville Augmentation project.



Water Sales Revenue Assumptions

- All contracts are adjusted in accordance with applicable contract provisions
- System Rate Contracts
 - FY 2025 System Rate is \$99.50 per acre-foot, a 6.4% increase over FY 2024
 - The increase in Billing Units is due to two new water contracts for 3,823 AF and the conversion of 274 AF of Fixed Price water to System Rate
- Agriculture
 - FY 2025 Agriculture Rate is \$69.65 per acre-foot, a 6.4% increase over FY 2024
 - The increase in Billing Units is due to the pro-rata conversion of an expiring Fixed Price contract
- Two-Tier contracts
 - The rate for Two-Tier is expected to remain relatively unchanged
- Other Fixed Price Contracts
 - Decrease is due to one of the higher priced contracts expiring
- Electric Utility Contracts
 - The rate increased in FY 24 per the five year cycle
- Colorado Basin Water
 - Water purchased from LCRA at an average of \$103.83 per acre-foot

Brazos River Authority
 FY 2025 Budget
 Management Fees

The Brazos River Authority (BRA) operates various water treatment, wastewater treatment and raw water pipeline facilities through contracts with local governmental entities. These contracts are set up on a cost-reimbursable basis, meaning that the customers pay the actual operation, capital, and debt costs for the facilities. These contracts provide for the payment of a Management Fee to the BRA. The Management Fee is recognized as a revenue for the Water Supply System and helps to offset the System Rate.

Variations between actual and budgeted Management Fees directly correlates with variations in actual and budgeted expenditures, due to the fact that all of the Management Fees are based on percentages of O&M and debt expenses.

	Fiscal Year 2023 Actual	Fiscal Year 2024 Budget	Fiscal Year 2024 Projected	Fiscal Year 2025 Proposed
Temple-Belton Operations	\$ 71,438	\$ 109,678	\$ 122,889	\$ 102,127
Doshier Farm Operations	45,838	60,224	64,578	55,855
Hutto Operations	94,008	105,450	102,004	124,189
Sandy Creek Operations	134,267	133,633	129,132	154,178
WCRRWL Operations	117,382	129,389	99,163	131,182
Clute Operations	45,888	80,623	80,102	59,801
O&M Management Fees	508,820	618,996	597,868	627,332
WCRRWL Debt	15,100	15,102	15,102	15,133
Debt Management Fees	15,100	15,102	15,102	15,133
Total Management Fees	\$ 523,920	\$ 634,098	\$ 612,970	\$ 642,464

Brazos River Authority
 Water Supply System
 Summary of Grants & Stakeholder Funding
 FY 2025

Project Name	Funding Source	FY 2023 Actual	FY 2024 Budgeted	FY 2024 Projected	2025 Proposed
O&M Budget					
Clean Rivers Program	State	\$ 632,580	\$ 436,124	\$ 436,124	\$ 436,124
Region 8 Lower Brazos Regional Flood Planning	State	686,559	275,300	65,300	305,300
Brazos G Regional Water Plan	State	152,104	666,470	666,700	1,093,720
Total O&M Budget Grant Funding		1,471,243	1,377,894	1,168,124	1,835,144
Capital Improvement Projects - Stakeholder Funded					
WCRRWL Phase 3 Pumps	Local	1,318,224	3,012,000	1,333,000	5,042,000
WCRRWL Copper Ion Generator	Local	377,304	1,846,000	1,846,000	-
Total Capital Projects Grant Funding		1,695,528	4,858,000	3,179,000	5,042,000
Total Grants & Local Funding		\$ 3,166,771	\$ 6,235,894	\$ 4,347,124	\$ 6,877,144



Brazos River Authority

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FIVE-YEAR FINANCIAL FORECAST ASSUMPTIONS AND OVERVIEW

Water Supply System

Five-Year Financial Forecast

FY 2025 - FY 2029

The Brazos River Authority has developed and utilizes a long-range financial plan (LRFP) model to predict the effects of future events on the financial health of the organization.

Revenue

Raw Water Sales

The chart below illustrates the assumptions regarding the number and composition of total water supply billing units for the next five years. Billing Units are expressed in acre-feet (AF). The model does not include any billing units for Interruptible Water contracts, due to the uncertain nature of the amount of Interruptible Water that may be available for sale at any given time.

Billing Units in Acre Feet					
Contract Type	2025	2026	2027	2028	2029
System Rate	481,740	487,519	488,616	488,616	488,616
Agriculture	15,661	17,536	17,536	17,536	17,536
Two-Tier	98,999	98,999	98,999	98,999	98,999
Other Fixed Rate	4,933	3,058	1,961	1,961	1,961
Utilities	97,000	97,000	97,000	97,000	97,000
Colorado Basin	24,700	25,000	25,000	25,000	25,000
Total Billing Units (AF)	723,033	729,112	729,112	729,112	729,112

System Rate - the model assumes that all expiring non-agriculture water contracts will convert to System Rate contracts. The increase from 2025 to 2026 is the re-sale of cancelled water. The increase from 2026 to 2027 is the conversion of 1,097 of expiring Other Fixed Rate contracts to System Rate contracts.

Agriculture - the model assumes that all long term Agriculture contracts will renew as Agriculture contracts when they expire.

Two-Tier - the model assumes that all Two-Tier contracts will convert to System Rate contracts if and when they expire.

Other Fixed Rate - the model assumes that all Fixed Rate contracts will convert to System Rate contracts when they expire. This is the reason for the decrease in Fixed Rate billing units from 2025 to 2026 and 2026 to 2027.

Electric Utility - the model assumes that all Electric Utility contracts will convert to System Rate contracts when they expire. The 97,000 AF currently in Electric Utility contracts is scheduled to expire in 2030.

Colorado Basin - For 2025 the model includes water currently under contract and the entire 25,000 AF of Colorado Basin for future years. The model also assumes all of the water will renew when it expires.

Other Revenues

East Williamson County RWS - the model assumes conservative increases in the base flows for each of the three existing customers.

All other revenues are adjusted based on historical performance.

O&M Expenses

O&M expenses are itemized by cost category and escalated using the historical 10 year rolling average of the following indices :

Salaries, Direct Labor, Benefits, Outside Services, Overhead, and Employee Development (Employment Cost Index (ECI), State and Local Government, Total Compensation, All Workers, plus Merit Pool)	5.00%
Materials and Supplies (CPI - Dallas/FT Worth/Arlington -Other goods and services, all urban consumers, not seasonally adjusted)	3.08%
Utilities (CPI - Dallas/FT Worth/Arlington -Fuels & Utilities, all urban consumers, not seasonally adjusted)	3.55%
Repairs & Maintenance (CPI - Dallas/FT Worth/Arlington -Services, all urban consumers, not seasonally adjusted)	3.97%
Rent, Travel, Regulatory, Landfill/Sludge Disposal, Miscellaneous Operating (PPI Commodity Data for Industrial Commodities, not seasonally adjusted)	2.43%
Capital Outlay (PPI Industry sub-sector data for Machinery Manufacturing, not seasonally adjusted)	3.51%

Additional O&M Expenses related to the construction or acquisition of new operations is included in the model based on the anticipated year of completion for the Project and the O&M cost estimates included in the Project Budget.

Projects

Operating Projects and Capital Improvement Project costs are layered into the model based on the anticipated project schedule and funding source. Refer to Tab 13 "Capital Improvement Projects" and Tab 14 "Operating Projects" for details.

Brazos River Authority
Water Supply System
Five Year Financial Forecast

	Proposed 2025	Forecast 2026	Forecast 2027	Forecast 2028	Forecast 2029
Beginning Working Capital	\$ 105,593,341	\$ 72,120,985	\$ 37,211,032	\$ 36,255,566	\$ 33,603,637
Revenues					
Raw Water Sales - System	47,933,130	51,677,014	55,213,608	59,000,382	63,031,464
Raw Water Sales - Non-System	8,502,862	8,380,957	8,464,923	8,648,135	8,783,293
East Williamson County RWS	9,531,747	9,818,117	10,112,661	10,416,040	10,728,522
Sugar Land	5,133,608	5,253,631	5,399,367	5,549,251	5,703,405
Lake Operations	554,908	560,457	566,062	571,722	577,439
Grants	1,835,144	1,853,495	1,872,030	1,890,751	1,909,658
Management Fees	642,465	653,630	660,015	666,464	672,977
Interest & Other Income	4,987,169	2,782,096	1,833,826	2,365,052	2,389,567
Rate Stabilization Fund	-	-	5,000,000	8,000,000	6,000,000
Total Revenues	79,121,033	80,979,398	89,122,492	97,107,797	99,796,326
Expenses					
Possum Kingdom Lake	10,230,346	10,665,888	11,120,460	11,594,911	12,090,131
Lake Granbury	4,987,391	5,199,288	5,420,444	5,651,274	5,892,212
Lake Limestone	3,510,311	3,660,917	3,818,162	3,982,346	4,153,782
Allens Creek	561,044	583,388	606,623	630,786	655,912
East Williamson County RWS	3,936,875	4,089,176	4,247,554	4,412,260	4,583,554
Sugar Land	5,628,942	5,837,205	6,053,697	6,278,763	6,512,760
Federal Reservoirs & Water Contracts	18,600,948	19,267,703	19,959,349	20,676,842	21,421,178
Regional Basin Management	2,556,075	2,677,329	2,804,388	2,937,533	3,077,057
Technical Services	4,302,267	4,498,559	4,703,995	4,919,009	5,144,053
Water Services	1,814,886	1,899,738	1,988,617	2,081,714	2,179,234
Environmental Services	4,080,528	4,262,054	4,451,856	4,650,320	4,857,847
Office of Security	591,125	618,315	646,782	676,589	707,798
Special Projects & Strategic Initiatives	726,663	761,001	796,985	834,693	874,208
Operating Projects	7,075,000	2,622,000	1,445,000	1,255,000	1,124,000
Debt Payments (P&I) (Not Subject to Coverage)	1,447,923	1,447,923	1,447,923	1,195,112	1,195,112
Total Expenses	70,050,324	68,090,484	69,511,836	71,777,151	74,468,837
Revenue Available to Meet Coverage Test	9,070,709	12,888,914	19,610,656	25,330,646	25,327,488
Debt Payments (P&I) (Subject to Coverage)	(4,474,065)	(6,214,865)	(11,276,121)	(19,690,574)	(19,778,996)
Net Surplus/(Deficit)	4,596,642	6,674,048	8,334,535	5,640,072	5,548,492
Capital Infrastructure Programs	(38,069,000)	(74,574,000)	(91,914,000)	(74,572,000)	(37,000,000)
Bond Proceeds	-	32,990,000	87,624,000	74,280,000	36,500,000
Rate Stabilization Reserves Utilized	-	-	(5,000,000)	(8,000,000)	(6,000,000)
Ending Working Capital	\$ 72,120,985	\$ 37,211,032	\$ 36,255,566	\$ 33,603,637	\$ 32,652,128
System Rate Projection					
System Rate	\$ 99.50	\$ 106.00	\$ 113.00	\$ 120.75	\$ 129.00
Percentage Increase	6.42%	6.53%	6.60%	6.86%	6.83%
System Billing Units in Acre Feet	481,740	487,519	488,616	488,616	488,616
Coverage Information					
Revenue Available to Meet Coverage Test	\$ 8,716,881	\$ 12,855,518	\$ 19,554,074	\$ 25,250,060	\$ 25,222,049
Debt Service Subject To Coverage	\$ 4,474,065	\$ 6,214,865	\$ 11,276,121	\$ 19,690,574	\$ 19,778,996
Calculated Coverage Ratio	1.9	2.1	1.7	1.3	1.3
Required Coverage Ratio	1.3	1.3	1.3	1.3	1.3
Coverage Test Met?	Yes	Yes	Yes	Yes	Yes
Reserve Requirements					
90 Day Working Capital	\$ 15,171,140	\$ 15,785,892	\$ 16,426,581	\$ 17,094,339	\$ 17,790,343
Contingency Reserve	5,500,000	5,500,000	5,500,000	5,500,000	5,500,000
Self Insurance Reserve	500,000	500,000	500,000	500,000	500,000
Total Reserve Requirements	\$ 21,171,140	\$ 21,785,892	\$ 22,426,581	\$ 23,094,339	\$ 23,790,343
Reserve Requirement Test Met?	Yes	Yes	Yes	Yes	Yes
Rate Stabilization Reserves	50,949,845	15,425,140	13,828,985	10,509,298	8,861,785
Balanced Budget					
Revenues	\$ 79,121,033	\$ 80,979,398	\$ 89,122,492	\$ 97,107,797	\$ 99,796,326
Expenses	\$ 74,524,388	\$ 74,305,350	\$ 80,787,957	\$ 91,467,725	\$ 94,247,833
Balanced Budget Test Met?	Yes	Yes	Yes	Yes	Yes

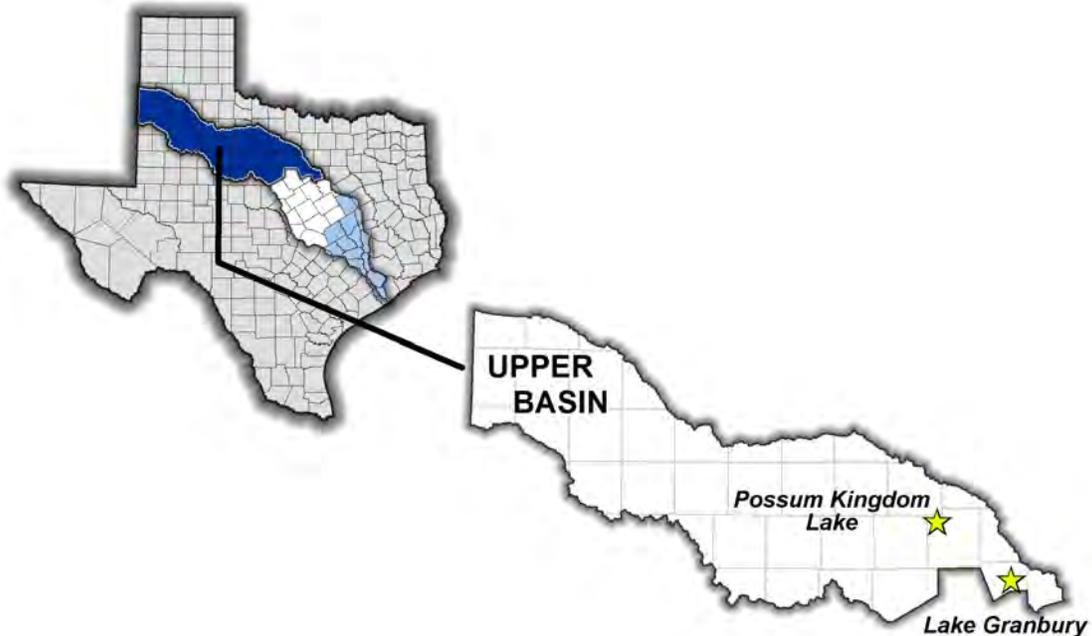


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UPPER BASIN



Description

The Upper Basin Region focuses on customer needs and the operations and maintenance of existing projects. Existing Brazos River Authority (BRA) projects in the Upper Basin include Possum Kingdom Lake (PK) and Lake Granbury (LG). New initiatives are outlined below and are being pursued through our Regional Business Development/Customer Relations staff, with support from Technical Services, Finance & Administration, Legal, Government & Customer Relations, and Special Projects & Strategic Initiatives.

Major Initiatives

-  Conduct operational and maintenance improvements at both Morris Sheppard Dam and De Cordova Bend Dam.
-  Coordinate, communicate, and identify water supply strategies that best serve the BRA and its customers.
-  Promote and participate in community outreach initiatives.
-  Assess, administer, and review BRA properties at our reservoirs, as necessary.
-  Streamline project management and administration of capital and operating projects.
-  Understand, optimize, and develop employee skills.

UPPER BASIN MANAGEMENT

Description

The Upper Basin Management department is comprised of Central Office staff working in concert with all Brazos River Authority (BRA) departments, to include Lake Staff, providing leadership and management for one of three major geographic regions of the Brazos River basin. The department's responsibilities include management of water systems, Lakes Possum Kingdom and Granbury, dams, and special projects. Management attempts to identify and develop new water supplies and develop alternate sources of water, including groundwater. Staff monitors water quality, promotes and regulates safe on-water activities, encourages water conservation through community education programs, administers contracts with regional system customers, and maintains daily contact with the general public. The Upper Basin also attempts to identify and meet its customers' needs through business development efforts, customer relations, environmental services, and technical assistance.

Accomplishments for 2024

-  Nearing completion of the Possum Kingdom Morris Sheppard Dam Spillway Pump & Piping Project.
-  Negotiating Scope and Fee with an engineering consultant for the Morris Sheppard Dam Bay 9 Weir & Transition Beam project.
-  Selected an engineering consultant for the Lake Granbury DeCordova Bend Dam Electrical Vulnerability Assessment.
-  Executed a contract for the DeCordova Bend Dam Hearth Stability Analysis project.
-  Negotiated contract, fee, and obtained Board of Directors approval to pursue Phase

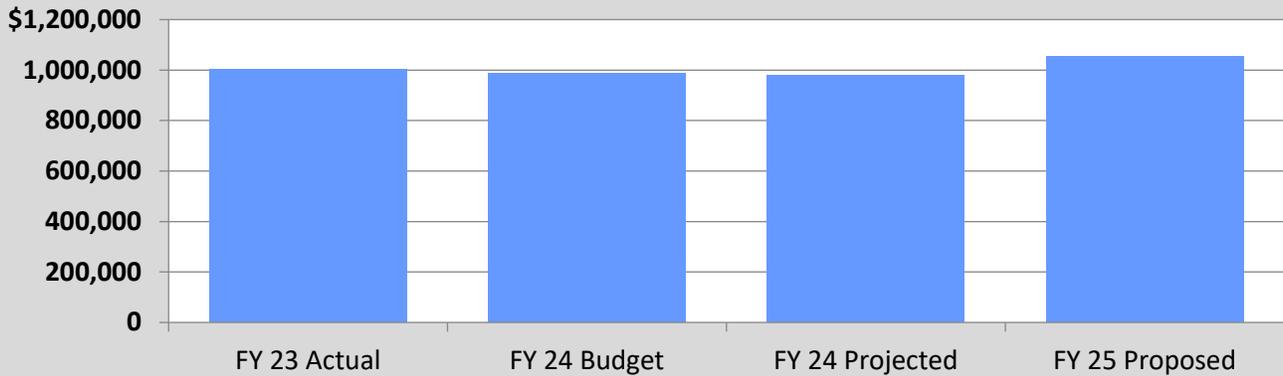
I of the DeCordova Bend Dam Improvements (Trifecta) Project.

-  Coordinated and executed Interruptible Water Contracts for customers that requested water before the drought interruption.
-  Worked with Project Management Office on developing and completing the Project Management Handbook, a reference and training tool for all Project Managers.
-  Developed a communication plan for engaging with customers to establish and maintain relationships and keep our contact records up to date.

Objectives for 2025

-  Complete the DeCordova Bend Dam Hearth Stability Analysis Project.
-  Award a contract for the DeCordova Bend Dam Embankment Stability Analysis & Assessment project.
-  Complete the DeCordova Bend Dam Electrical Vulnerability Assessment.
-  Begin contract negotiations for the Morris Sheppard Dam Bay 9 Weir and Transition Beam project.
-  Reevaluate Budget Processes for all projects.
-  Coordinate with Upper Basin Lakes and Staff for installing pay station kiosks at some of our public use areas.

Upper Basin Management Expense Comparison



UPPER BASIN MANAGEMENT

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 568,913	\$ 587,126	\$ 592,912	\$ 621,742
Benefits	179,059	191,571	194,171	218,477
Materials & Supplies	2,804	8,850	5,894	12,950
Utilities	4,541	4,320	4,620	5,112
Outside Services	91,004	10,835	2,701	5,999
Repair & Maintenance	-	-	-	-
Travel	4,914	10,835	3,590	7,435
Rent	-	-	-	-
Employee Development	494	5,633	1,525	5,333
Miscellaneous Operating	2,215	2,500	2,350	2,500
Overhead	135,046	146,438	154,124	154,505
Central Office Common	12,977	18,924	16,729	19,190
TOTAL	\$ 1,001,967	\$ 987,032	\$ 978,616	\$ 1,053,243

POSSUM KINGDOM LAKE

Description

Completed in 1941, Possum Kingdom (PK) Lake is the oldest reservoir in the Brazos River basin and is the largest of the three lakes operated by the Brazos River Authority (BRA). It provides approximately 33 percent of the BRA's system water supply. Operation of the lake includes maintenance of Morris Sheppard Dam, airport operation, and maintaining lake amenities, which include ten public use areas with approximately four hundred campsites and a 16-mile trail system. The PK office inspects and administers approximately 3,900 permits of various types.



Accomplishments for 2024

Reservoir Programs Coordinator:

- 🇺🇸 Successfully transferred assets and operational jurisdiction to Palo Pinto County Sheriff's Office and Lake Granbury.

Reservoir System Maintenance Unit:

- 🇺🇸 Completed Gate 4 pier plate wall replacement.
- 🇺🇸 Completed Walkway Bay 8/9 concrete repair.
- 🇺🇸 Continued work on Spillway Pump and Piping Replacement Project.

Maintenance:

- 🇺🇸 Completed crack seal repair and restriped Possum Kingdom Airport.
- 🇺🇸 Replaced Westside Public Use Area restroom with new building.
- 🇺🇸 Painted Sandy Beach Public Use Area restroom.

- 🇺🇸 Completed chip-seal work at Scenic and Public boat ramps and adjacent parking lots.

Inspections/Engineering:

- 🇺🇸 Continued dam inspections (Monthly, Quarterly, Annually) and Instrumentation Readings Program (IMT).
- 🇺🇸 Continued responsibility for the On-Site Sewage Facility (OSSF) Program, all dock applications, and dock plate installs.
- 🇺🇸 Successfully incorporated the Reservoir Programs Coordinator (RPC) Program.
- 🇺🇸 RPC's - Water Safety education events and Water Safety Coalition Seminar.

Objectives for 2025

Reservoir System Maintenance Unit:

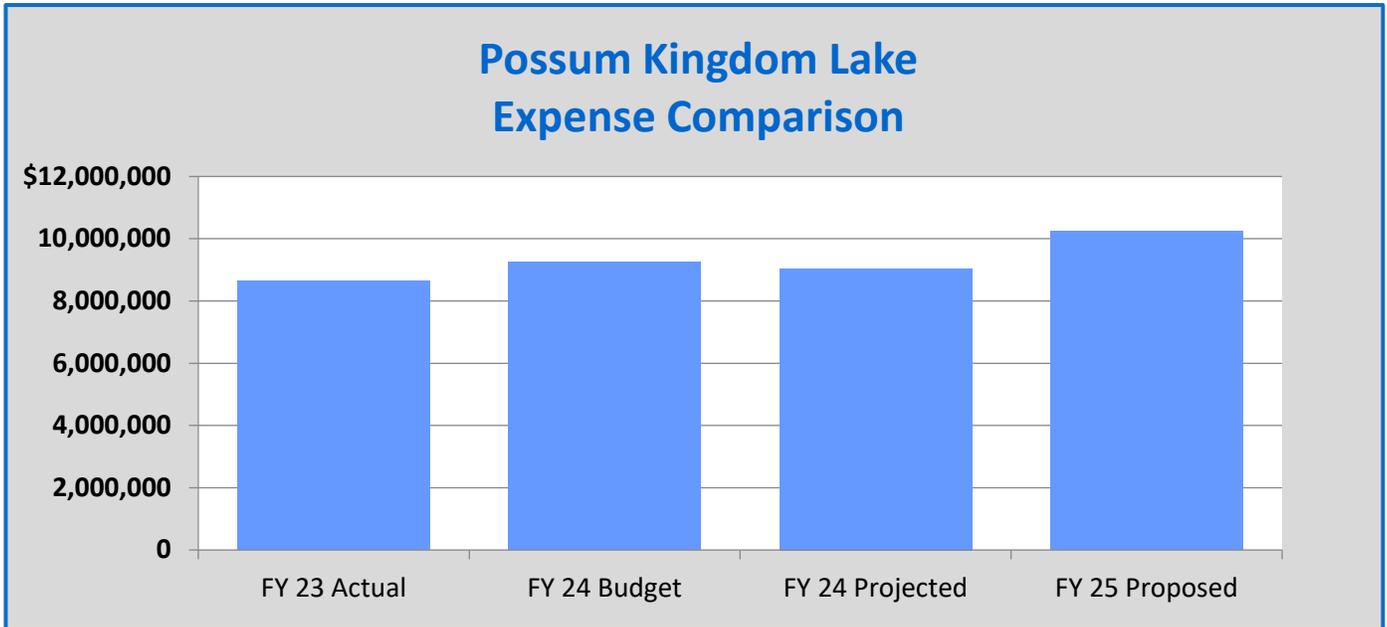
- 🇺🇸 Complete Gate 4 routine gate maintenance.
- 🇺🇸 Continue with the Concrete Assessment and Service Life Extension (CAASLE) concrete repairs.
- 🇺🇸 Begin Gate 5 pier plate wall replacement in conjunction with routine gate maintenance.
- 🇺🇸 Begin construction phase of Flow Control Gate Replacement Project.

Maintenance:

- 🇺🇸 Install retaining wall at North D&D Public Use Area.
- 🇺🇸 Continue chip seal refurbishment of various parks.
- 🇺🇸 Replace Public restroom with new building.

Inspections/Engineering:

- 🇺🇸 Continue all dam inspections and IMT duties.
- 🇺🇸 Assist in the study of BRA retained properties.
- 🇺🇸 Inspections of docks, OSSF's, and BRA Properties.
- 🇺🇸 Drone activities when new drone is acquired.
- 🇺🇸 RPC's - Continue with Water Safety Events, monitor parks, regulatory buoy inspections.



POSSUM KINGDOM LAKE

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 2,603,883	\$ 3,097,540	\$ 2,910,510	\$ 3,316,089
Benefits	1,171,234	1,389,293	1,196,400	1,551,549
Materials & Supplies	492,275	786,987	552,555	748,863
Utilities	221,801	219,696	202,662	226,664
Outside Services	774,681	1,023,023	1,027,389	1,144,438
Repair & Maintenance	237,761	570,856	323,626	672,787
Travel	6,730	18,050	11,303	11,750
Rent	10,148	13,747	7,000	13,628
Employee Development	28,917	123,392	61,921	84,822
Regulatory	9,120	9,576	9,120	9,576
Landfill/Sludge Hauling	57,603	65,000	65,000	65,000
Miscellaneous Operating	112,958	151,225	116,400	153,225
Direct Labor	78,072	(699,978)	123,000	(756,005)
Overhead	2,382,795	2,202,135	2,185,641	2,436,560
Capital Outlay	457,431	276,450	254,941	551,400
TOTAL	\$ 8,645,407	\$ 9,246,992	\$ 9,047,468	\$10,230,346

LAKE GRANBURY

Description

In 1969, the Brazos River Authority (BRA) completed the construction of the DeCordova Bend Dam, which impounds Lake Granbury. This lake supplies approximately ten percent of the BRA's system water for industrial, municipal, agricultural, and domestic uses in addition to providing recreational opportunities. The lake is a source of water for the Brazos Regional Public Utility Agency, the City of Granbury, Monarch Utilities, Lenmo Inc., and other users, as well as providing cooling water for steam-electric and nuclear-generating plants.

Project personnel operate and maintain the dam and all BRA-owned structures and facilities,



including four public parks, the A.L. Brooks Observation Point lookout, and a downstream parking area for river access. Also, four law enforcement personnel provide dam security in addition to conducting regulatory and law enforcement activities on the lake and in the parks.

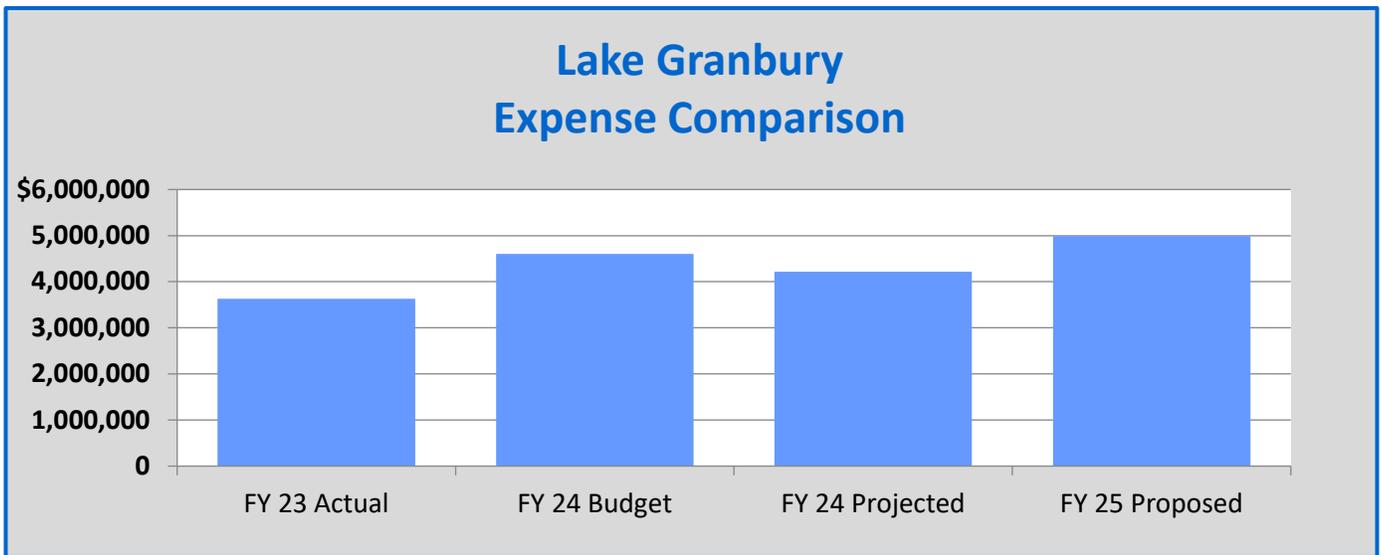
Accomplishments for 2024

-  The Board of Directors approved multiple Professional Service Agreements including: Lake Granbury (LG) Trifecta Project, Hearth Stability Analysis Project, and Low Flow Project.

-  BRA Maintenance staff and Technical Services electricians installed walkway lighting within DeCordova Bend Dam.
-  Began replacement of the Thorp Spring Park Boat Dock; scheduled for completion in June 2024.
-  Granbury maintenance staff completed remodeling on the Resident Lake Ranger house.
-  LG Office/Staff was recognized and received the Communication Award from the International Boating and Water Safety Summit. The award was for our 5th Annual Water Safety Awareness Day lifejacket give away.
-  LG BRA staff hosted our 6th Annual Water Safety Awareness Day. The crowd was smaller due to inclement weather, but we still managed to give away 138 lifejackets for children in our area.

Objectives for 2025

-  Assist, as necessary, in the completion of planned projects at the dam.
-  Fill open positions and become fully staffed.
-  Continue to assess the feasibility of establishing and developing a functional and fully capable maintenance crew to perform significant maintenance work on DeCordova Bend dam.



LAKE GRANBURY

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 1,161,817	\$ 1,240,991	\$ 1,137,248	\$ 1,409,302
Benefits	500,210	550,408	499,716	662,252
Materials & Supplies	160,296	183,130	178,123	177,430
Utilities	96,205	116,660	109,875	134,362
Outside Services	169,594	226,934	268,286	346,479
Repair & Maintenance	232,717	504,032	386,400	412,316
Travel	8,280	20,604	12,280	20,604
Rent	13,657	51,200	24,016	38,608
Employee Development	19,102	76,010	27,575	78,335
Regulatory	5,706	6,191	5,806	6,191
Miscellaneous Operating	87,270	100,100	105,400	103,600
Direct Labor	28,498	19,730	30,000	33,036
Overhead	1,037,274	739,917	773,268	823,876
Capital Outlay	108,234	767,000	660,000	741,000
TOTAL	\$ 3,628,860	\$ 4,602,907	\$ 4,217,993	\$ 4,987,391

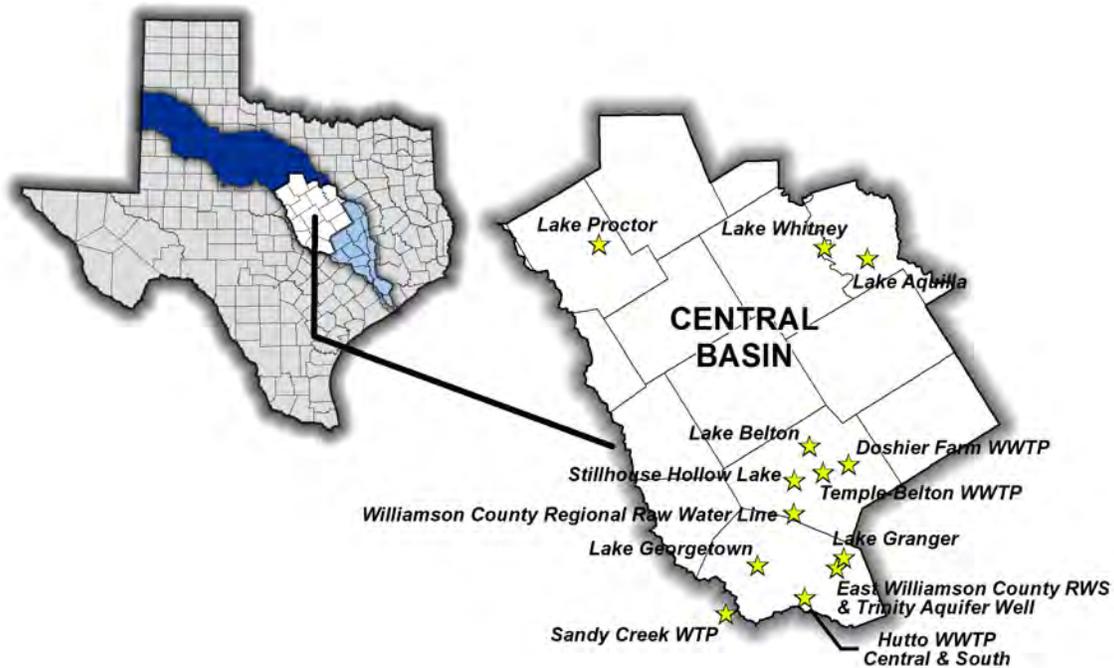


Brazos River Authority

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CENTRAL BASIN



Description

The Central Basin includes all or part of fifteen counties within the middle portion of the Brazos River basin. The facilities either owned or operated by the Brazos River Authority in this area include Temple-Belton Wastewater Treatment Plant, Doshier Farm Wastewater Treatment Plant, Hutto Central Wastewater Treatment Plant, Hutto South Wastewater Treatment Plant, Williamson County Regional Raw Water Line, East Williamson County Regional Water System, and the Sandy Creek Water Treatment Plant. Water is supplied from seven U.S. Army Corps of Engineers reservoirs: Lakes Proctor, Whitney, Aquilla, Belton, Stillhouse Hollow, Granger, and Georgetown. The Central Basin is located within the Brazos G Regional Water Planning area.

Major Initiatives

-  Maintain, operate, and manage raw water delivery infrastructure, water treatment facilities, and wastewater treatment facilities.
-  Continue planning, engineering, and construction of water and wastewater infrastructure to meet customers' needs.
-  Develop surface water and groundwater (conjunctive use) for future water supply.
-  Continue to participate with the Brazos G Regional Water Planning Group.
-  Develop and maintain relationships with customers and local elected officials.
-  Manage new water supply development, transmission, and treatment expansion planning projects.

CENTRAL/LOWER BASIN MANAGEMENT

Description

Central and Lower Basin Management provides leadership and management for two of the three major geographic regions of the Brazos River basin. The functional areas of this department include water treatment, pipeline operations and maintenance, reservoir management, project management, regulatory programs, and wastewater treatment. Management responsibilities include managing Lake Limestone, water and wastewater treatment systems, customer relations and water contract coordination, development and management of infrastructure improvement projects, participating in state and regional water and flood planning, developing and distributing existing water supplies, and planning for development of additional water supply sources and conveyance infrastructure.

Accomplishments for 2024

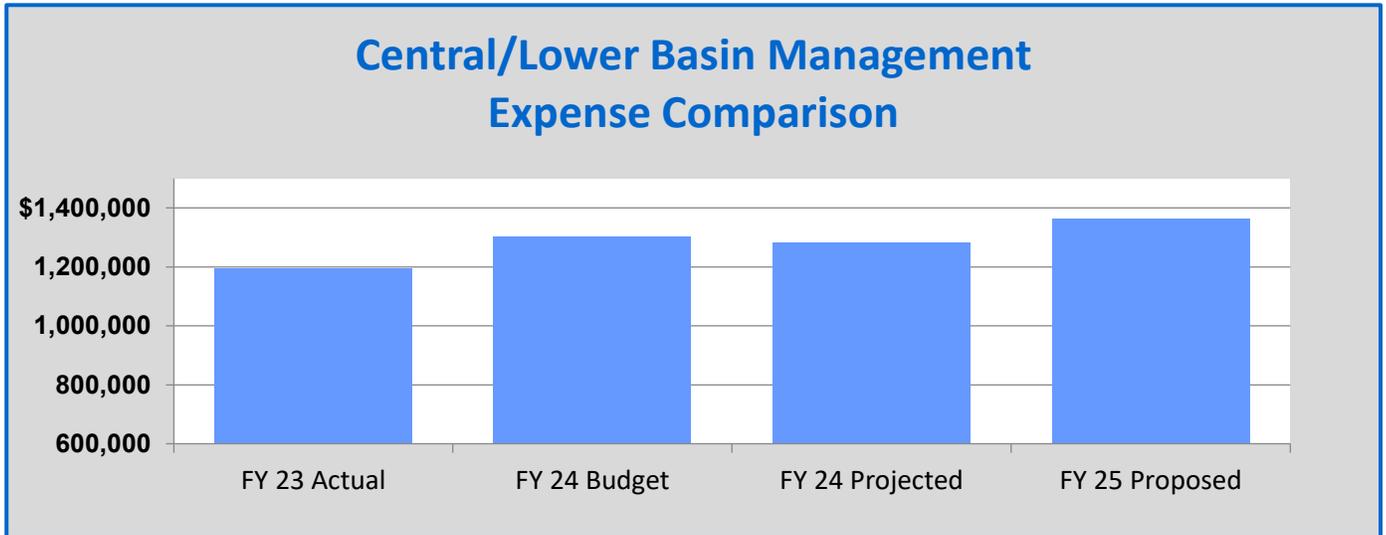
-  Completed installation of the Copper Ion Generator for the Williamson County Regional Raw Water Line (WCRRWL).
-  Purchased property to facilitate future growth of the East Williamson County (EWC) Regional Water System and advanced engineering design on multiple expansion projects.
-  Completed assessment of the WCRRWL and began scope development for the design phase of the pump expansion project.
-  Assisted the City of Hutto with development of an Industrial Pretreatment Program (IPP).
-  Prepared and submitted three permit renewal applications for Sugar Land wastewater treatment plants.
-  Coordinated annual customer meetings and oversaw water contract administration.

Objectives for 2025

-  Complete the Tainter Gate Replacement project at Sterling C. Robertson (SCR) dam.
-  Begin Phase II of the SCR dam Hydrostatic Relief Evaluation project.
-  Begin engineering work for the SCR dam Low Flow Modifications and Improvements project.
-  Coordinate right-of-way acquisition with City of Belton and begin design and permitting phase of the Belhouse Drought Preparedness project.
-  Complete design and begin construction of the EWC Trinity Well infrastructure to allow for the blending of groundwater with surface water.
-  Progress design for the 48-inch treated water pipeline and water treatment plant expansion at EWC.
-  Begin design phase of the WCRRWL Phase III Expansion project.

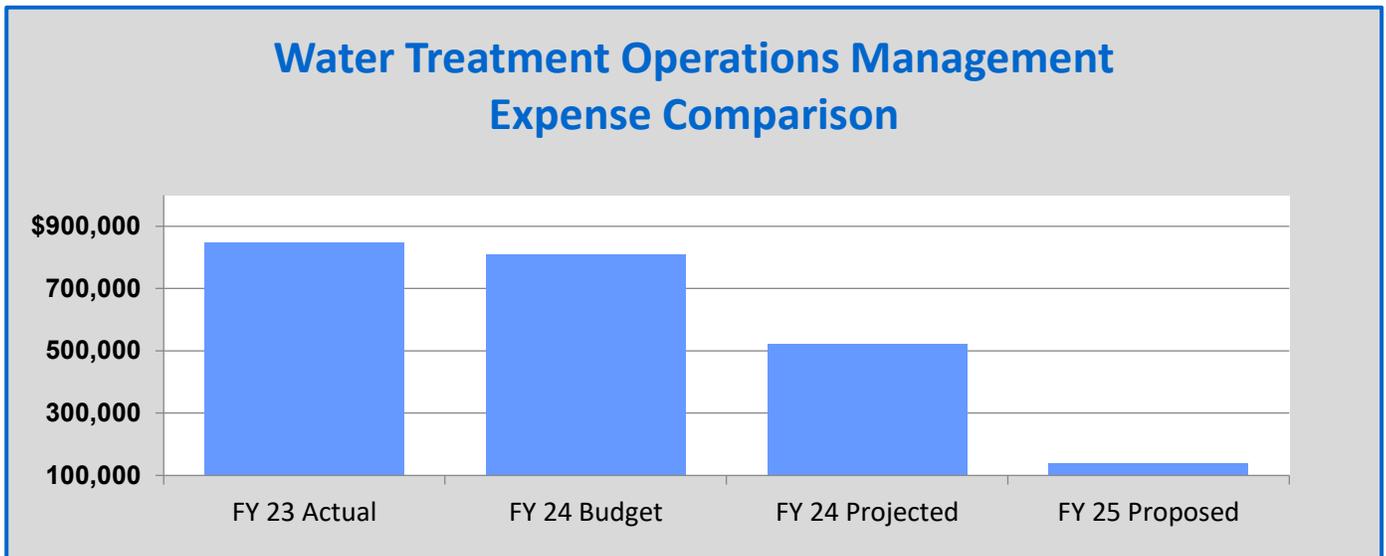
Significant Changes/Comments

Rapid population growth and increased water demands, coupled with post-pandemic labor and supply shortages, have presented challenges for water treatment and delivery infrastructure projects throughout the Central and Lower basin. The Central and Lower basin staff will continue to collaborate with other Brazos River Authority departments to prioritize projects to develop and deliver new water supplies and effectively manage treatment processes, regulatory programs, pipeline systems, and administration of water contracts throughout the Central and Lower basin.



CENTRAL/LOWER BASIN MANAGEMENT

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 654,674	\$ 686,279	\$ 680,983	\$ 720,333
Benefits	227,824	243,733	249,784	267,011
Materials & Supplies	4,889	17,459	9,544	13,609
Utilities	6,174	9,156	6,270	7,178
Outside Services	35,097	36,989	39,841	41,459
Repair & Maintenance	-	400	-	400
Travel	9,774	20,750	9,835	14,750
Rent	58,378	59,628	57,605	59,556
Employee Development	18,449	23,160	19,250	23,555
Miscellaneous Operating	2,318	4,100	2,500	3,900
Overhead	161,893	179,544	188,496	188,902
Central Office Common	15,572	22,709	20,075	23,028
TOTAL	\$ 1,195,040	\$ 1,303,907	\$ 1,284,183	\$ 1,363,681



WATER TREATMENT OPERATIONS MANAGEMENT

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 1,131,315	\$ 1,213,718	\$ 1,153,192	\$ 1,309,895
Benefits	406,762	456,890	439,675	529,076
Materials & Supplies	15,871	25,380	15,200	11,180
Utilities	10,120	11,390	10,280	10,978
Outside Services	16,751	18,053	22,231	25,286
Repair & Maintenance	36,381	39,546	31,050	40,046
Travel	76,991	71,100	72,000	72,400
Rent	(163,451)	(193,961)	(210,370)	(220,569)
Employee Development	14,859	32,316	18,873	36,336
Direct Labor	(1,301,982)	(1,489,515)	(1,347,000)	(1,723,477)
Overhead	237,556	300,788	-	-
Central Office Common	2,595	7,570	-	-
Capital Outlay	365,256	318,000	318,000	48,000
TOTAL	\$ 849,023	\$ 811,275	\$ 523,131	\$ 139,151



Brazos River Authority

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WILLIAMSON COUNTY REGIONAL RAW WATER LINE

Description

The 26-mile long, 48-inch diameter Williamson County Regional Raw Water Line (WCRRWL) is operated by the Brazos River Authority (BRA) under agreements with the City of Georgetown, City of Round Rock, and Brushy Creek Municipal Utility District. The pipeline transports raw water from Lake Stillhouse Hollow to Lake Georgetown. In addition to the pipeline, the operation includes a pump station and intake structure, all of which are operated and maintained by the Central and Lower Basin operations and maintenance staff.

 Monitored pipeline right-of-way and coordinated with developers and adjacent property owners to prevent damage and encroachments.

Objectives for 2025

-  Promote daily safe work practices.
-  Finalize bids and start construction for Phase III expansion, which will take the pumping capacity to 56 million gallons per day.
-  Optimize energy use and costs through coordination with Energyby5 consulting group.
-  Integrate and monitor the new Copper Ion Generator system.

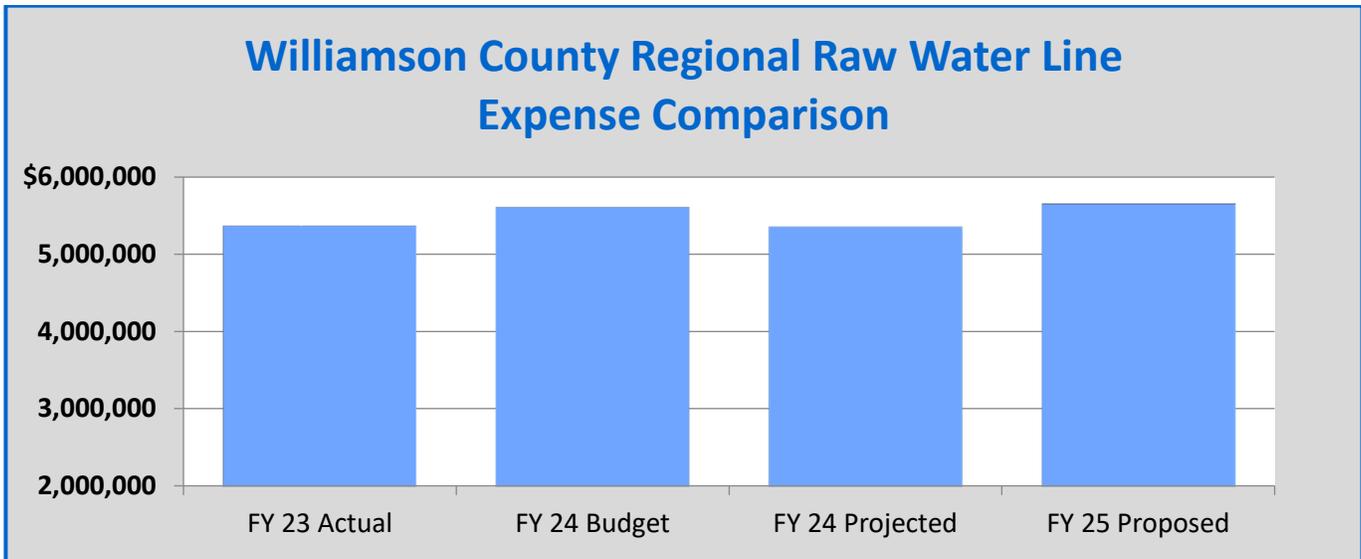
Accomplishments for 2024

-  Promoted daily safe work practices resulting in no lost time accidents.
-  Successfully operated and managed the system in coordination with the customers, ensuring reliable water supply to Lake Georgetown.
-  Completed the five-year pump station and pipeline assessment.
-  Completed the Copper Ion Generator construction project for controlling zebra mussels.
-  Provided support for Phase III pump expansion engineering and design.
-  Managed energy usage and associated costs through load shedding and Four Coincident Peak (4CP) avoidance.

Significant Changes/Comments

BRA continues to coordinate efforts with the customers to ensure efficient and consistent operations of the water delivery system.

	Actual FY 2022	Actual FY 2023	Budgeted FY 2024	Estimated FY 2024	Projected FY 2025
Acre-Feet (AF) Water Transported	39,762	43,269	32,000	42,500	38,663
Number of Days Pumping	327	363	225	265	360



WILLIAMSON COUNTY REGIONAL RAW WATER LINE

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 5,248	\$ -	\$ 10,000	\$ 10,000
Materials & Supplies	8,100	41,814	8,703	45,945
Utilities	1,997,743	1,982,092	1,401,582	1,982,092
Outside Services	25,457	48,186	44,377	86,115
Repair & Maintenance	65,578	96,388	60,710	85,588
Rent	12,389	16,196	19,002	20,691
Travel	-	-	-	-
Direct Labor	155,549	160,814	192,000	231,595
Overhead	76,980	72,296	76,286	71,014
Miscellaneous Operating	600	-	600	600
Capital Outlay	-	170,000	170,000	90,000
Sub-total	\$ 2,347,645	\$ 2,587,786	\$ 1,983,260	\$ 2,623,640
Debt Service	3,020,000	3,020,000	3,020,400	3,026,600
TOTAL	\$ 5,367,645	\$ 5,607,786	\$ 5,003,660	\$ 5,650,240
O & M Management Fee	\$ 117,382	\$ 129,389	\$ 99,163	\$ 131,182
Debt Management Fee	\$ 15,100	\$ 15,102	\$ 15,102	\$ 15,133

TEMPLE-BELTON WASTEWATER TREATMENT PLANT

Description

The Brazos River Authority (BRA) operates the jointly owned Temple-Belton Wastewater Treatment Plant (T-B WWTP), the City of Belton main lift station, and administers each City's Industrial Pretreatment Program (IPP) under contracts with the Cities of Temple and Belton (Cities). The T-B WWTP, which began operations in 1974, consists of a 10.0 million gallons per day treatment plant, reuse system, and a compost/mulch operation. The Central and Lower Basin Water Treatment Operations, which includes operations and maintenance staff, superintendents, pipeline technicians, industrial pretreatment, and administrative staff, provide support to this project.

Accomplishments for 2024

-  Worked to maintain a 99.99% regulatory compliance history with Texas Pollutant Discharge Elimination System (TPDES) permit requirements.
-  Nearing completion of the Phase 5 reactor air project.
-  Completed the Belt Press building rehabilitation.
-  Procured and upgraded three disinfection analyzers.
-  Achieved a successful Texas Commission on Environmental Quality (TCEQ) Periodic Compliance Inspection of the IPP resulting in no violations.

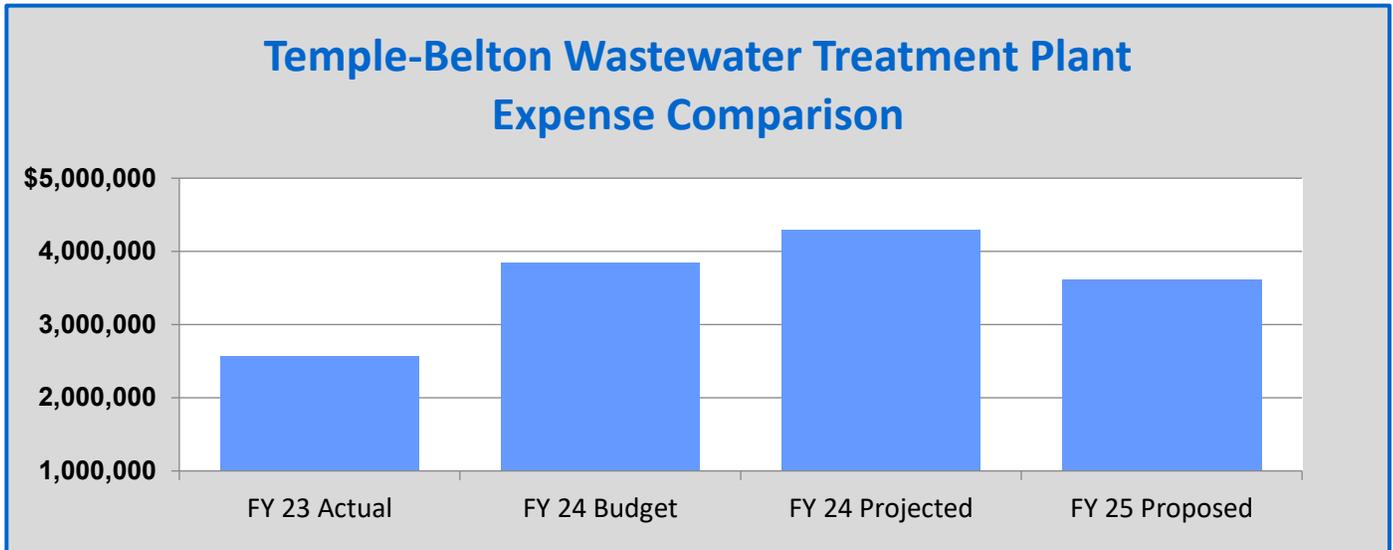
Objectives for 2025

-  Promote daily safe work practices.
-  Upgrade two Return Activated Sludge pumps and drives.
-  Upgrade the Case wheel loader.
-  Integrate security system to include access control, intrusion detection, and video recording.
-  Maintain regulatory compliance with TPDES permit requirements.

Significant Changes/Comments

BRA continues to coordinate efforts with the Cities to ensure efficient operations of the T-B WWTP and IPP.

	Actual FY 2022	Actual FY 2023	Budgeted FY 2024	Estimated FY 2024	Projected FY 2025
Average Flow (mgd)	7.02	7.81	7.81	7.95	8.36
Peak 24 Hour Flow (mgd)	12.82	21.69	30.00	34.72	35.00
Total Flow (mg)	2,560.90	2,849.12	2,850.00	2,900.00	3,053.00



TEMPLE-BELTON WASTEWATER TREATMENT PLANT

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 420,981	\$ 488,364	\$ 466,766	\$ 519,542
Benefits	181,072	216,734	224,147	267,336
Materials & Supplies	401,939	536,525	444,433	594,100
Utilities	20,716	22,034	21,820	21,812
Outside Services	199,493	193,078	154,721	208,261
Repair & Maintenance	188,897	282,943	271,460	317,078
Travel	-	440	450	890
Rent	37,523	36,848	43,490	32,884
Employee Development	6,206	9,913	9,522	11,713
Landfill/Sludge Hauling	249,050	258,840	255,000	273,024
Direct Labor	188,544	195,861	151,100	258,554
Overhead	125,994	122,092	152,628	150,304
Capital Outlay	552,371	1,486,000	2,096,505	962,500
Miscellaneous Operating	1,135	1,250	1,250	1,250
TOTAL	\$2,573,920	\$ 3,850,921	\$4,293,292	\$3,619,248
O & M Management Fee	\$ 71,438	\$ 109,678	\$ 122,889	\$ 102,127

DOSHIER FARM WASTEWATER TREATMENT PLANT

Description

The Brazos River Authority (BRA) took over the operation and maintenance (O&M) of the City of Temple’s (City) Doshier Farm Wastewater Treatment Plant (WWTP) and 31 associated lift stations in October of 2014. The WWTP is a 7.5 million gallons per day (MGD) activated sludge facility. As part of this agreement, the BRA also administers the Industrial Pretreatment Program (IPP) for the permitted industries that discharge to Doshier Farm, as well as performing O&M for the reuse pumping facility. The Central and Lower Basin Water Treatment Operations, which includes O&M staff, superintendents, pipeline technicians, industrial pretreatment, stormwater, and administrative staff, provide support to this project.

 Achieved a successful TCEQ Periodic Compliance Inspection and full audit of the IPP resulting in no violations.

Objectives for 2025

-  Promote daily safe work practices.
-  Coordinate installation of online monitoring equipment and upgrade of the Supervisory Control and Data Acquisition (SCADA) software.
-  Integrate facility security system to include access control, intrusion detection, and video recording.
-  Maintain regulatory compliance with TPDES permit requirements.

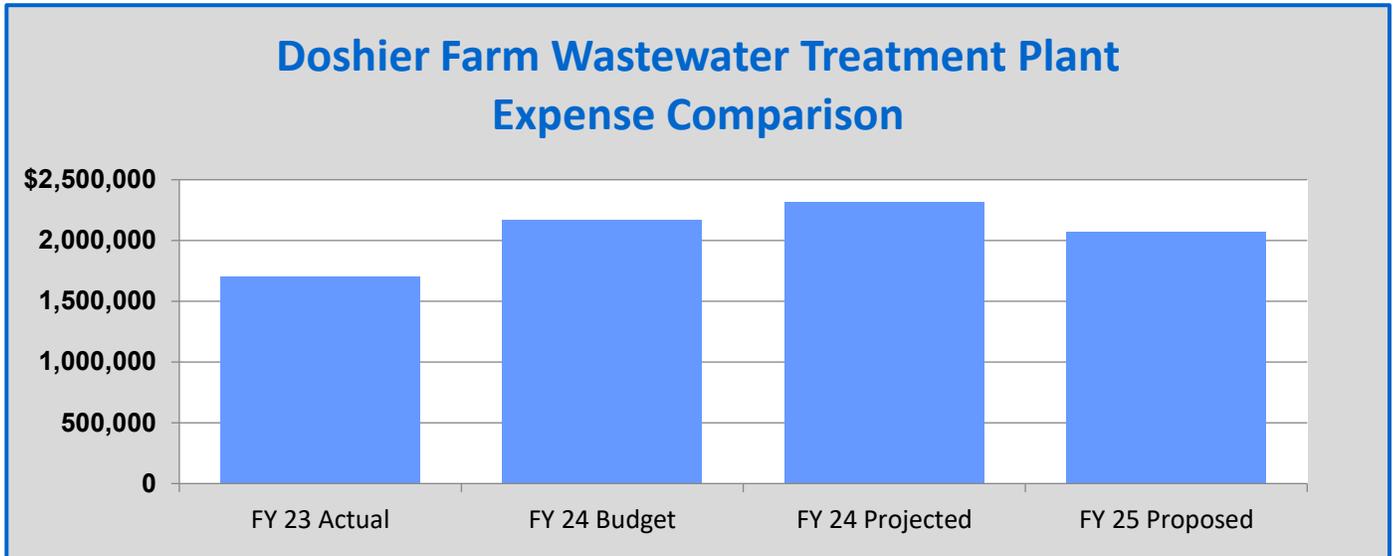
Accomplishments for 2024

-  Promoted daily safe work practices resulting in no lost time accidents.
-  Worked to achieve a 99.9% compliance record with the Texas Pollutant Discharge Elimination System (TPDES) permit requirements.
-  Successful Texas Commission on Environmental Quality (TCEQ) facility inspection with zero compliance issues noted.
-  Replaced plant water pump #3.
-  Coordinated the upgrades of the dual power supply switch gear and power feed to the transformer at the facility.

Significant Changes/Comments

BRA continues to coordinate efforts with the City to ensure efficient operations of the WWTP and IPP.

	Actual FY 2022	Actual FY 2023	Budgeted FY 2024	Estimated FY 2024	Projected FY 2025
Average Flow (mgd)	2.12	2.36	2.60	2.60	2.74
Peak 24 Hour Flow (mgd)	8.51	7.86	20.00	18.20	19.00
Total Flow (mg)	773.10	862.48	950.00	950.00	1,000.00



DOSHIER FARM WASTEWATER TREATMENT PLANT

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 293,300	\$ 335,850	\$ 317,527	\$ 349,223
Benefits	134,327	156,670	139,052	168,507
Materials & Supplies	139,732	197,331	156,768	244,220
Utilities	14,281	16,800	15,644	15,770
Outside Services	133,667	147,344	92,960	159,991
Repair & Maintenance	118,442	203,690	94,300	264,536
Travel	-	400	500	2,400
Rent	32,480	33,144	53,750	43,344
Employee Development	2,334	7,513	5,986	8,713
Regulatory	205	300	2,000	300
Landfill/Sludge Hauling	75,639	82,400	74,000	83,600
Direct Labor	347,048	326,024	364,200	394,985
Overhead	86,038	87,990	109,204	92,236
Capital Outlay	326,347	572,000	886,717	244,000
TOTAL	\$1,703,841	\$ 2,167,455	\$ 2,312,608	\$2,071,825
O & M Management Fee	\$ 45,838	\$ 60,224	\$ 64,578	\$ 55,855

HUTTO WASTEWATER SYSTEM

Description

The Brazos River Authority (BRA) operates the Hutto Wastewater System, which currently includes the Hutto Central Plant, a 0.99 million gallons per day (MGD) plant which began operation in 1998, and the Hutto South Plant, which is designed to treat 2.0 MGD and went online in February 2017. The Central and Lower Basin Water Treatment Operations, which includes operations and maintenance staff, superintendents, pipeline technicians, stormwater industrial pre-treatment, and administrative staff, provide support to this.

Accomplishments for 2024

-  Hutto Central: Designed and installed an Aluminum Sulfate (Alum) feed system to remove Phosphorus (P), per new Texas Pollutant Discharge Elimination System (TPDES) Permit requirements.
-  Hutto South: Installed a new Peracetic Acid (PAA) system to support the deficient ultraviolet disinfection system.
-  Hutto South: Completed installation of sludge pumps and sequencing batch reactors (SBR) #1 valve actuators.
-  Hutto Central: Completed installation of blower #3 replacement, new laboratory building, and new non-potable water (NPW) system.

-  Developed a plan and agreement with the City of Hutto (City) to implement an Industrial Pretreatment Program (IPP).
-  Coordinated with the City and implemented measures to address noise complaints at the Hutto Central Plant.

Objectives for 2025

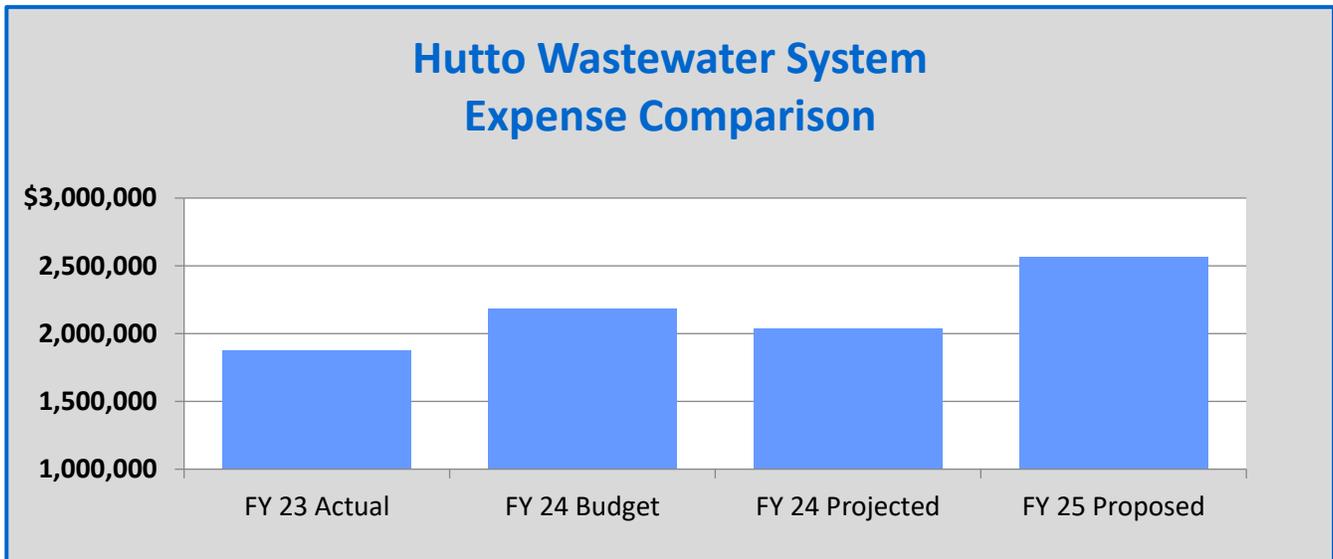
-  Maintain compliance with permit conditions while operating and maintaining the facilities in a safe manner.
-  Continue to work with the City and Garver Engineering on facility expansion at Hutto South.
-  Upgrade security systems to include access control, intrusion detection, and video recording.
-  Continue development of City’s IPP.
-  Promote daily safe work practices.
-  Continue the evaluation of operational practices to improve overall efficiency.

Significant Changes/Comments

The BRA continues to coordinate efforts to ensure efficient operations of the Wastewater Systems. The expansion of the South wastewater treatment plant is projected to begin late 2024 or early 2025.

Hutto Central Wastewater Treated	Actual FY 2022	Actual FY 2023	Budgeted FY 2024	Estimated FY 2024	Projected FY 2025
Average Flow (mgd)	0.60	0.71	0.68	0.75	0.73
Peak Flow (mgd)	2.55	1.68	2.25	2.28	2.40
Total Flow (mg)	220.04	246.45	250.00	275.00	265.00

Hutto South Plant Wastewater Treated	Actual FY 2022	Actual FY 2023	Budgeted FY 2024	Estimated FY 2024	Projected FY 2025
Average Flow (mgd)	1.26	1.50	1.41	1.41	1.56
Peak Flow (mgd)	2.10	2.26	4.00	3.07	3.25
Total Flow (mg)	459.49	547.34	515.00	515.00	569.00



HUTTO WASTEWATER SYSTEM

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 142,028	\$ 236,432	\$ 133,609	\$ 241,541
Benefits	54,641	90,394	42,864	98,221
Materials & Supplies	126,699	217,390	250,694	340,177
Utilities	228,311	268,314	249,038	270,020
Outside Services	128,551	121,881	98,420	121,254
Repair & Maintenance	231,924	188,095	165,200	225,345
Rent	34,271	35,519	43,500	33,857
Travel	-	100	150	100
Employee Development	2,981	7,337	6,347	8,336
Regulatory	20,526	20,572	20,825	20,572
Landfill/Sludge Hauling	158,788	139,500	138,000	168,950
Direct Labor	361,332	423,780	377,000	513,534
Overhead	77,217	95,677	91,005	101,869
Capital Outlay	312,883	264,000	423,420	340,000
Sub-total	\$ 1,880,152	\$ 2,108,990	\$ 2,040,072	\$ 2,483,776
R & R Expenditures	-	80,000	-	80,000
TOTAL	\$ 1,880,152	\$ 2,188,990	\$ 2,040,072	\$ 2,563,776
O & M Management Fee	\$ 94,008	\$ 105,450	\$ 102,004	\$ 124,189

SANDY CREEK REGIONAL WATER TREATMENT PLANT

Description

The Sandy Creek Regional Water Treatment Plant is owned by the City of Leander (City) and consists of a 12.0 million gallons per day (MGD) direct filtration water treatment plant, floating raw water intake structure, raw water pipeline, and a transmission pipeline. The plant began operation in September 2001 and supplies drinking water from the Colorado River basin to the City. The Central and Lower Basin Water Treatment Operations, which includes operations and maintenance staff, superintendents, pipeline technicians, and administrative staff, provide support to this project.

- Coordinated with the City and developed plans for switching intake barges if necessary due to low water levels at Lake Travis.

Objectives for 2025

- Promote daily safe work practices.
- Sand blast and paint the clear well.
- Change out the turbidity (NTU) meters.
- Replace train "A" stainless steel air lines.
- Bring sludge dewatering system online, removing facility solids in a more efficient and cost-effective manner.
- Upgrade the facilities Supervisory Control and Data Acquisition (SCADA) system.
- Continue close coordination with the City regarding drought and Lake Travis water levels.

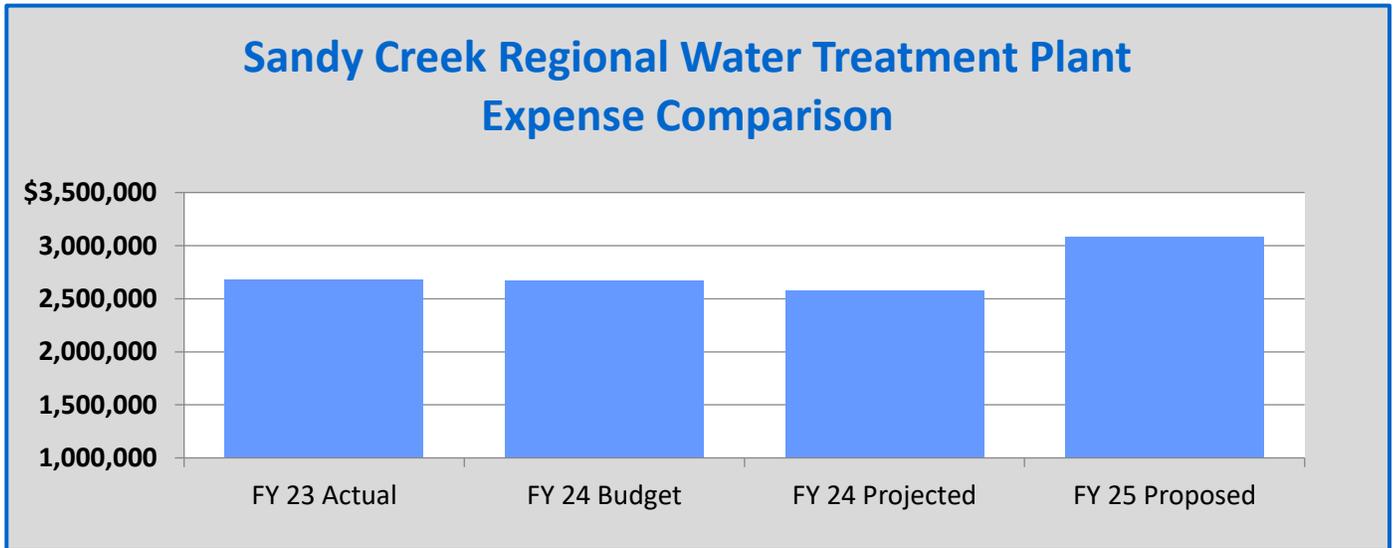
Accomplishments for 2024

- Promoted daily safe work practices resulting in no lost time accidents or injuries.
- Maintained 100% regulatory compliance.
- Replaced two surge valves on the intake barge.
- Rebuilt a transfer pump and a back wash pump.
- Assisted with design and development of a new solids removal system.
- Executed a pilot program for the control of zebra mussels.
- Coordinated with the City to meet all treated water needs during outages of the Brushy Creek Regional Utility Authority treatment plant.

Significant Changes/Comments

Construction on the new sludge processing facility is progressing and is projected to be operational in Fiscal Year 2025.

	Actual FY 2022	Actual FY 2023	Budgeted FY 2024	Estimated FY 2024	Projected FY 2025
Average Flow (mgd)	4.78	4.61	4.23	5.04	5.07
Peak 24 Hour Flow (mgd)	9.20	8.60	10.20	9.00	9.00
Total Flow (mg)	1,744.00	1,682.00	1,545.00	1,840.00	1,850.00



SANDY CREEK REGIONAL WATER TREATMENT PLANT

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 299,851	\$ 381,517	\$ 364,193	\$ 402,098
Benefits	113,841	145,711	151,618	163,826
Materials & Supplies	328,254	295,955	314,724	361,117
Utilities	471,341	549,941	554,060	557,060
Outside Services	38,609	10,615	10,417	13,696
Repair & Maintenance	116,294	152,811	165,300	161,986
Travel	1,025	5,928	3,450	1,800
Rent	18,858	28,140	23,000	30,659
Employee Development	5,851	7,816	8,696	9,016
Landfill/Sludge Hauling	475,565	500,000	500,000	500,000
Direct Labor	155,496	222,592	139,000	191,317
Overhead	123,220	110,626	121,387	145,992
Capital Outlay	537,132	261,000	226,799	545,000
TOTAL	\$ 2,685,338	\$ 2,672,652	\$ 2,582,644	\$ 3,083,567
O & M Management Fee	\$ 134,267	\$ 133,633	\$ 129,132	\$ 154,178

EAST WILLIAMSON COUNTY REGIONAL WATER SYSTEM

Description

The Brazos River Authority purchased what has become the East Williamson County Regional Water System (EWCWRS) from the City of Taylor (City) in May 2004. The EWCWRS serves as a regional water treatment facility to meet the needs of the City, Jonah Water Special Utility District, and Lone Star Regional Water Authority. The EWCWRS includes a 13 million gallons per day (MGD) water treatment plant, a terminal storage reservoir, a raw water intake facility, a raw water pipeline, a treated water pipeline, and a groundwater well. The Central and Lower Basin Water Treatment Operations, which includes operations and maintenance staff, superintendents, pipeline technicians, and administrative staff, provide support to this project.

Accomplishments for 2024

-  Promoted daily safe work practices that resulted in no lost time accidents or injuries.
-  Maintained 100% regulatory compliance and provided uninterrupted treated water supply to our customers.
-  Supported plant re-rating study to increase capacity.
-  Assisted with procurement of automatic transfer switches for all back-up generators.
-  Implemented additional security measures.
-  Assumed ownership and maintenance of adjacent property that was purchased for future expansion needs.

-  Rebuilt a terminal storage pump and a high service pump.
-  Provided substantial support and input for planning and design on the treatment plant expansion, Trinity groundwater well integration, and the 48-inch treated water line.

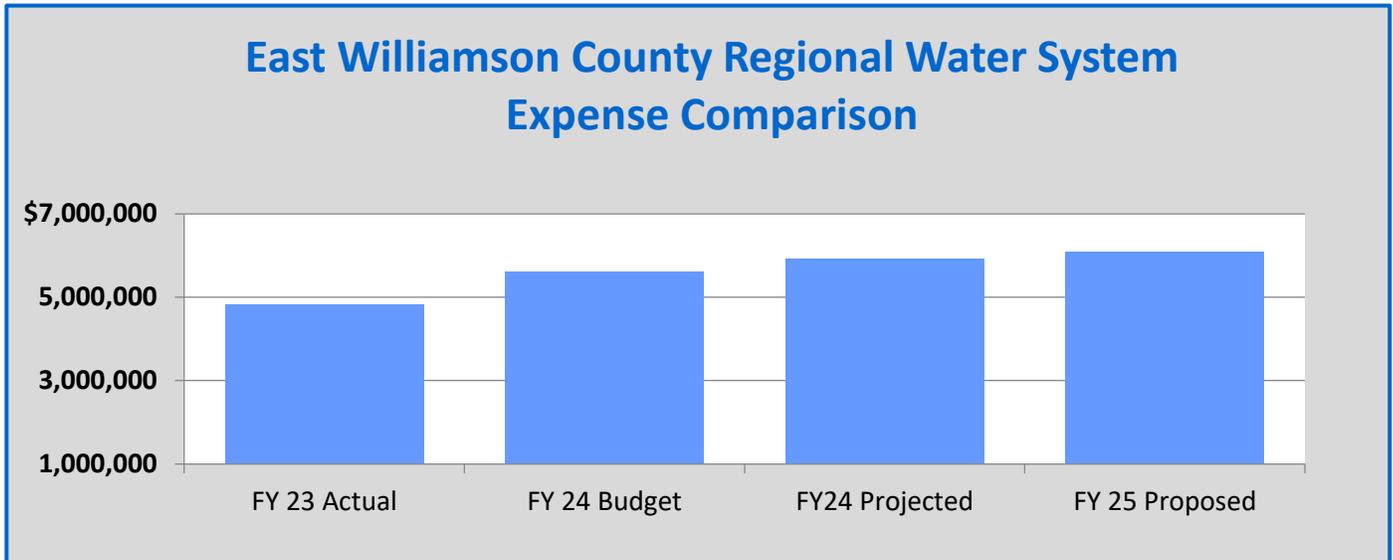
Objectives for 2025

-  Promote daily safe work practices and maintain exemplary regulatory compliance.
-  Continue to support all engineering design efforts underway for facility expansion.
-  Support construction activity and integrate blending of groundwater from on-site water well with treated surface water.
-  Perform West Plant electrical upgrades and sand blast and paint the back-wash tanks.
-  Integrate additional facility security upgrades including access control, intrusion detection, and video recording.

Significant Changes/Comments

Expansion of the EWCWRS, the new 48-inch treated water line, and integration of the onsite well will be essential to meet the water demands over the next several years.

	Actual FY 2022	Actual FY 2023	Budgeted FY 2024	Estimated FY 2024	Projected FY 2025
Average Flow (mgd)	6.17	7.08	7.12	7.36	7.67
Peak Flow (mgd)	10.49	12.78	11.00	10.00	11.00
Total Flow (mg)	2,253.00	2,585.59	2,600.00	2,685.50	2,800.00



EAST WILLIAMSON COUNTY REGIONAL WATER SYSTEM

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 532,550	\$ 584,967	\$ 521,826	\$ 589,260
Benefits	196,441	225,987	192,290	247,987
Materials & Supplies	383,992	552,061	532,005	624,825
Utilities	404,870	432,907	504,890	571,290
Outside Services	85,541	95,067	69,158	83,123
Repair & Maintenance	101,588	185,979	104,600	220,413
Travel	1,006	8,352	1,150	1,852
Rent	33,961	46,294	47,600	62,655
Employee Development	7,695	16,972	11,738	18,572
Regulatory	231	624	231	624
Miscellaneous Operating	1,100	2,000	600	2,000
Direct Labor	70,527	91,057	66,950	51,280
Overhead	432,024	470,912	485,242	519,995
Capital Outlay	30,175	366,500	343,807	943,000
Sub-total	\$ 2,281,702	\$ 3,079,679	\$ 2,882,087	\$ 3,936,875
Debt Service	2,536,936	2,537,345	2,537,345	2,537,751
TOTAL	\$ 4,818,638	\$ 5,617,024	\$ 5,419,432	\$ 6,474,626

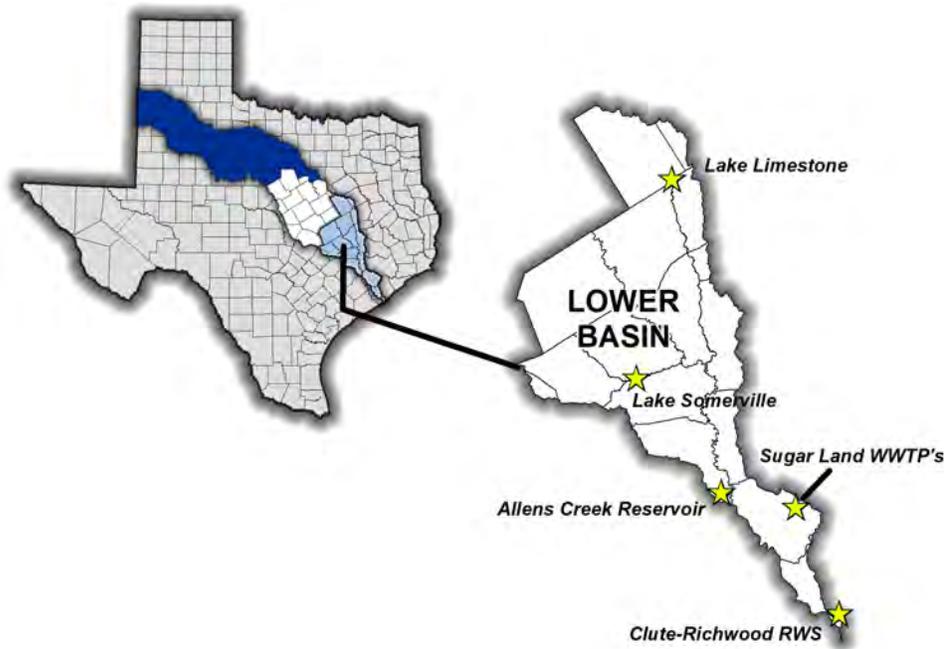


Brazos River Authority

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LOWER BASIN



Description

The Lower Basin Region includes all or part of 19 counties, beginning in Freestone and Limestone Counties and following the Brazos River to the Gulf of Mexico south of Freeport in Brazoria County. The Lower Basin includes the following facilities that are either owned or operated by the Brazos River Authority: Lake Limestone, Sugar Land Regional Wastewater Treatment and Reclaimed Water Facilities, Clute-Richwood Regional Wastewater System, and the proposed Allens Creek Reservoir. Water is also supplied from Lake Somerville, which is a U.S. Army Corps of Engineers reservoir. The Lower Basin is located in two of the state water planning areas: Regions G and H.

Major Initiatives

-  Maintain, operate, and manage wastewater treatment facilities.
-  Maintain, operate, and manage Lake Limestone.
-  Facilitate Lake Limestone Tainter Gate Replacement project.
-  Begin permitting and design of Allens Creek Reservoir.
-  Continue to participate on the Region H Water Planning Group.
-  Work with customers to identify water and wastewater needs.
-  Develop and maintain relationships with customers and local elected officials.

LAKE LIMESTONE

Description

The Sterling C. Robertson (SCR) Dam, which impounds Lake Limestone (LL), was completed in 1978. LL is located on the Navasota River and supplies approximately ten percent of the Brazos River Authority’s (BRA) system water for industrial, municipal, agricultural, and domestic uses and is a significant recreational facility. LL is currently estimated to have a total storage capacity of approximately 204,000 acre-feet. Substantial water users include two electric generating plants, one owned by NRG and another by Luminant. Total project personnel consist of 14 full-time employees who operate and maintain the dam and all BRA owned structures and facilities, including two public parks, and provide regulatory and law enforcement activities on LL and in the parks.

Accomplishments for 2024

-  Completed expansion of Building 5-Secondary Maintenance Shop to include a vehicle bay and welding bay.
-  Assisted with engineering contract development for assessment of the Low Flow Facilities.
-  Completed Park 5 Improvements to include interior fencing and stump removal.
-  Completed Annual Inspection of SCR Dam.
-  Provided substantial assistance and support for Tainter Gate Replacement construction activities.

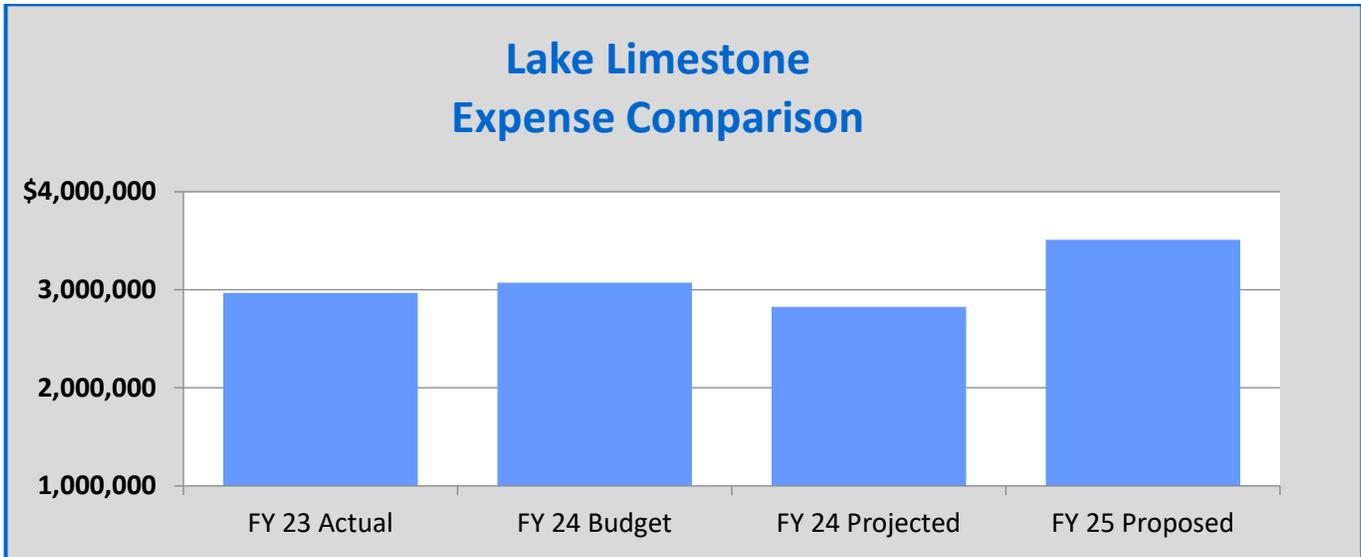
Objectives for 2025

-  Assist in the design and construction of Park 5 loading dock and fishing pier.
-  Law Enforcement to continue training and development to keep BRA’s critical infrastructure safe and secure.
-  Continue to provide assistance and support for Tainter Gate Replacement construction activities.
-  Support execution of the Phase 2 Hydrostatic Relief Assessment.
-  Complete assessment of Low Flow Facilities.
-  Complete assessment of Administration Building.
-  Inspect and maintain records of all On-Water and Water Use Facilities.
-  Continue implementation of BRA Health and Safety Procedures.
-  Promote daily safe work practices.
-  Effectively operate and maintain facilities.

Significant Changes/Comments

LL continues to manage various projects that will improve public access to the lake and other projects designed to maintain operability and safety of the dam.

	Actual FY 2022	Actual FY 2023	Budgeted FY 2024	Estimated FY 2024	Projected FY 2025
Flood event operations/days of operations	2/5	4/15	12/60	11/59	16/96
Inspect boat dock permits for compliance	50%	45%	100%	100%	100%
Inspect all water front properties for unauthorized facilities	50%	45%	100%	100%	100%
Customer contacts by law enforcement officers/tickets	4,362/134	5,399/138	4,412/115	2,527/75	5,942/192



LAKE LIMESTONE

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 811,815	\$ 942,612	\$ 889,461	\$ 1,009,723
Benefits	336,774	409,323	383,691	451,911
Materials & Supplies	106,904	87,150	76,686	79,870
Utilities	76,898	110,956	91,580	91,776
Outside Services	32,025	281,913	229,867	613,110
Repair & Maintenance	171,738	119,057	111,917	121,790
Travel	18,063	32,240	30,340	34,240
Rent	28,892	45,834	45,834	43,542
Employee Development	20,352	35,519	19,020	37,119
Regulatory	11,070	13,650	11,011	13,250
Miscellaneous Operating	86,410	101,400	76,000	101,400
Direct Labor	26,577	30,659	30,000	28,973
Overhead	771,140	703,756	681,893	780,107
Capital Outlay	469,962	158,500	149,113	103,500
TOTAL	\$ 2,968,620	\$ 3,072,569	\$ 2,826,413	\$ 3,510,311

ALLENS CREEK RESERVOIR

Description

Allens Creek Reservoir (ACR) is a proposed off-channel reservoir in Austin County near the confluence of Allens Creek with the Brazos River. Water will be pumped from the Brazos River for storage in the reservoir when river flows are adequate and will be available to supply downstream customers.

The Brazos River Authority (BRA) was formerly a partner to an interlocal agreement with the City of Houston to develop ACR. Most of the property for ACR has been acquired and was purchased using Texas Water Development Board (TWDB) State Participation Program funding; therefore, TWDB was also a partner in the project. In May of 2022, the BRA became the sole owner through a negotiated buyout of all other interests in the proposed project.

The ACR site includes approximately 9,600 acres and is estimated to provide an annual firm water supply of 99,650 acre-feet. The operations and maintenance costs presented here are solely for maintaining the property, which is currently being leased to agricultural tenants prior to reservoir construction. Costs for permitting, design, and construction will be funded separately as a capital project.

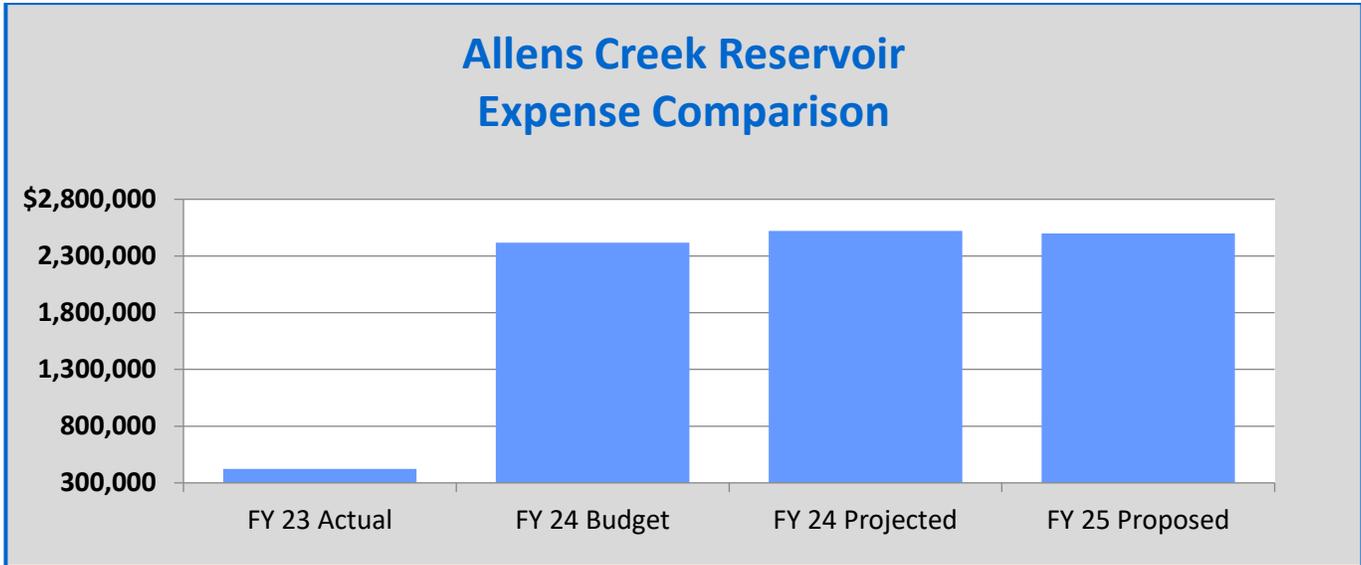
-  Coordinated with Austin County officials and their representatives regarding drainage issues and potential solutions that could involve the Allens Creek property.
-  Continued communication with local stakeholders to keep them informed on project status and to set expectations on development timeline.

Objectives for 2025

-  Finalize scope and fee negotiations for permitting and design work. Present the draft contract for consideration to BRA Board of Directors.
-  Continue preliminary data gathering tasks to support future project initiatives.
-  Maintain stakeholder communications to ensure understanding of the ACR project and its anticipated timeline.
-  Manage the reservoir property site and the associated leaseholder agreements.

Accomplishments for 2024

-  Advanced preliminary data gathering tasks in furtherance of the ACR project.
-  Completed solicitation and review process to select permitting and design consultant for the ACR project. Initiated negotiations for scope development.
-  Managed property site and the associated leaseholder agreements.



ALLENS CREEK RESERVOIR

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Materials & Supplies	\$ -	\$ 1,000	\$ -	\$ 500
Utilities	-	480	-	-
Outside Services	-	-	-	-
Repair & Maintenance	21,280	22,500	21,280	22,500
Travel	-	1,500	-	1,500
Miscellaneous Operating	232,406	4,000	366,163	4,000
Regulatory	-	-	-	-
Direct Labor	-	-	-	-
Overhead	48,806	455,595	452,944	532,544
Capital Outlay	-	-	-	-
Sub-total	\$ 302,492	\$ 485,075	\$ 840,387	\$ 561,044
Debt Service	121,031	1,931,439	1,680,750	1,936,314
TOTAL	\$ 423,523	\$ 2,416,514	\$ 2,521,137	\$ 2,497,358

SUGAR LAND WASTEWATER

Description

In 1975, the Brazos River Authority (BRA) constructed the Sugar Land North Wastewater Treatment Plant. The BRA operated the Sugar Land North Plant until 2005, when its ownership was turned over to the City of Sugar Land (City). The BRA began contract operations of the City’s North and South Wastewater Treatment Plants (WWTPs) in 2005. The Sugar Land North Plant is rated at 6 million gallons per day (MGD) and the Sugar Land South Plant is rated at 7.5 MGD. In October 2018, the BRA took over operation, maintenance, and management of the newly annexed Sugar Land Greatwood (1.35 MGD) and Sugar Land New Territory (2.50 MGD) WWTPs. The Sugar Land WWTPs are operated and maintained with support from operations and maintenance staff, superintendents, administrative assistants, industrial pretreatment and stormwater coordinators from other BRA departments.

Accomplishments for 2024

-  Promoted daily safe work practices resulting in no lost time accidents.
-  Worked to maintain regulatory compliance with Texas Pollutant Discharge Elimination System (TPDES) permit requirements.
-  South Plant: Procured and installed aerator impellers.
-  Greatwood: Coordinated headworks bypass to facilitate the rehabilitation of the Roto strainer.

-  North Plant: Purchased and replaced the return activated sludge (RAS) tubes and replaced the bulk bleach tank.
-  New Territory: Performed digester blower rebuild and headworks conveyor demolition, and conveyance alternative installed.
-  Prepared and submitted TPDES permit renewal applications for the North Plant, South Plant, and New Territory.

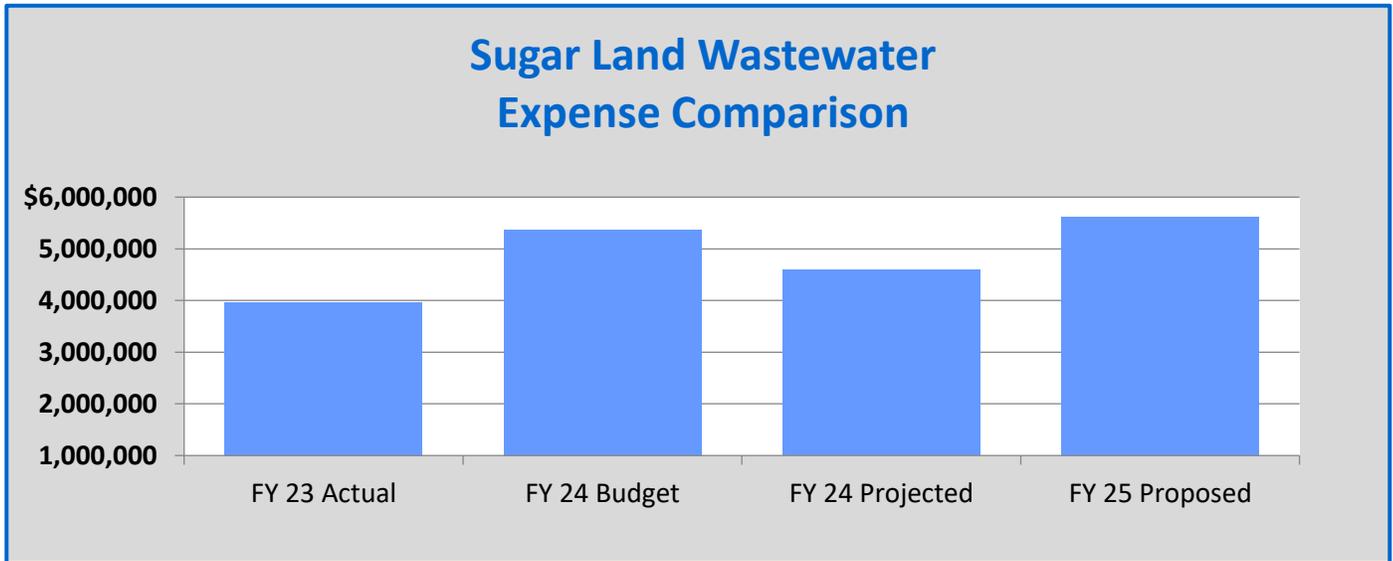
Objectives for 2025

-  Promote daily safe work practices.
-  Maintain regulatory compliance with TPDES permit requirements for all facilities.
-  Integrate facility security system to include access control, intrusion detection, and video recording.
-  Continue to assist and provide input to the City and its engineers on multiple facility projects.
-  Work with the City to update and implement Supervisory Control and Data Acquisition (SCADA) for all facilities.

Significant Changes/Comments

BRA continues to work closely with the City regarding day-to-day operations and critical equipment improvements to ensure efficient operations of the systems.

Wastewater Treated	Actual FY 2022	Actual FY 2023	Budgeted FY 2024	Estimated FY 2024	Projected FY 2025
Average Flow (mgd)	10.12	10.36	11.10	11.37	11.23
Peak 24 Hour Flow (mgd)	27.75	21.51	35.00	24.53	27.25
Total Flow (mg)	3,694.00	3,781.52	4,050.00	4,150.00	4,100.00



SUGAR LAND WASTEWATER

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 715,776	\$ 908,283	\$ 781,749	\$ 965,030
Benefits	335,289	414,710	355,135	467,965
Materials & Supplies	922,538	1,273,307	1,122,164	1,278,827
Utilities	27,292	26,077	26,077	27,733
Outside Services	324,022	347,141	281,075	281,628
Repair & Maintenance	455,004	381,392	317,258	383,392
Rent	62,862	64,389	84,700	66,844
Travel	3,300	4,650	1,300	4,650
Employee Development	13,206	14,356	14,153	17,356
Regulatory	818	800	3,101	800
Landfill/Sludge Hauling	483,842	933,528	808,000	1,111,866
Direct Labor	129,777	168,964	135,000	182,201
Overhead	232,847	336,120	336,365	340,650
Capital Outlay	258,259	500,000	330,000	500,000
TOTAL	\$ 3,964,833	\$ 5,373,717	\$ 4,596,077	\$ 5,628,942

CLUTE-RICHWOOD REGIONAL WASTEWATER SYSTEM

Description

The Brazos River Authority (BRA) operates a 4.0 million gallons per day wastewater treatment plant and a reuse facility for the Cities of Clute and Richwood (Cities). The BRA began operation on October 1, 2000. The Central and Lower Basin Water Treatment Operations, which includes operations and maintenance staff, superintendents, pipeline technicians, storm water coordinator, and administrative staff, provide support to this project.

Objectives for 2025

-  Promote daily safe work practices.
-  Maintain regulatory compliance with TPDES permit requirements.
-  Prepare the facility to achieve the new, more stringent TPDES permit limits (FEB 2025).
-  Upgrade the facility Supervisory Control and Data Acquisition (SCADA) software.

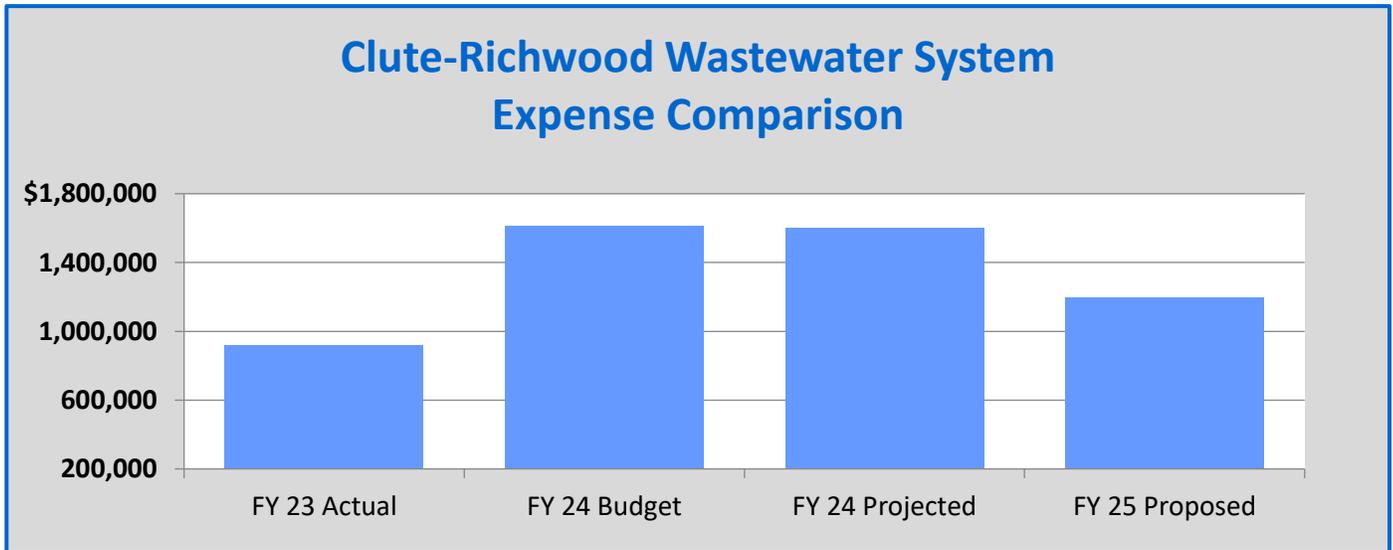
Accomplishments for 2024

-  Promoted daily safe work practices resulting in no lost time accidents.
-  Worked to achieve a 99.9% compliance record with the Texas Pollutant Discharge Elimination System (TPDES) permit requirements.
-  Installed two new positive displacement blowers and are currently installing the third.
-  Upgraded the electrical conduit, boxes, and starters for the plant lift station.
-  Purchased and installed chlorine gas safety cut-off system for one-ton cylinders.

Significant Changes/Comments

The BRA continues to work with customer Cities to ensure efficient operations, maintenance, and management of their facilities.

Wastewater Treated	Actual FY 2022	Actual FY 2023	Budgeted FY 2024	Estimated FY 2024	Projected FY 2025
Average Flow (mgd)	2.30	2.36	2.37	2.60	2.37
Peak 24 Hour Flow (mgd)	11.10	10.37	12.00	14.47	15.00
Total Flow (mg)	840.00	861.91	865.00	950.00	865.00



CLUTE-RICHWOOD REGIONAL WASTEWATER SYSTEM

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 228,954	\$ 259,956	\$ 240,600	\$ 286,421
Benefits	88,933	109,615	111,516	129,129
Materials & Supplies	118,644	140,627	125,627	169,165
Utilities	11,773	15,356	15,365	15,248
Outside Services	28,593	52,034	42,901	38,666
Repair & Maintenance	57,253	55,937	54,667	58,717
Travel	7,213	3,934	4,450	3,934
Rent	151,718	10,899	56,000	10,956
Employee Development	5,248	5,246	6,174	6,246
Regulatory	205	200	205	200
Miscellaneous Operating	-	-	-	350
Landfill/Sludge Hauling	35,255	51,350	45,000	62,140
Direct Labor	73,350	81,897	73,000	90,422
Overhead	78,642	86,764	113,402	82,039
Capital Outlay	31,970	738,642	713,137	242,383
TOTAL	\$ 917,750	\$ 1,612,458	\$ 1,602,044	\$ 1,196,016
O & M Management Fee	\$ 45,888	\$ 80,623	\$ 80,102	\$ 59,801



Brazos River Authority

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TECHNICAL SERVICES



Description

Technical Services provides the Brazos River Authority (BRA) with best practices through capital improvement planning by prioritization of asset renewal or replacement; engineering support for projects and operations; construction services; project management support and guidance; property management; Supervisory Control and Data Acquisition (SCADA) and electrical support.

Major Initiatives

-  Continue the development of the risk-based asset management and capital planning program to be utilized for long term planning of asset renewal and replacement as part of our capital planning process.
-  Provide continued engineering and construction services assistance for the capital project portfolio.
-  Continue to provide support through the Project Management Office (PMO) to project managers by developing and implementing best practice methodologies to train, equip and enable project managers to deliver projects that exceed stakeholder expectations.
-  Continue to provide property support throughout the basin and to the Property Management Committee.
-  Maintain working relationships with local, state, and federal regulatory authorities that improves performance and coordination associated with BRA facilities.

TECHNICAL SERVICES MANAGEMENT

Description

The Technical Services Management Department provides technical support to the Upper, Central and Lower Basins for infrastructure operations; capital project delivery; infrastructure assessments; capital planning and asset management; property management; and project management.

Accomplishments for 2024

-  Began implementation of the Asset Management Software (AMS) or Computer Maintenance Management System (CMMS) to further develop the Risk-Based Asset Management and Capital Planning Program.
-  Continued to define, develop, and refine our project planning processes that culminates through the accurate and detailed Capital Improvement Plan (CIP) supplemented by planning efforts such as the Risk-Based Asset Management and Capital Planning Program.
-  Provided engineering and technical support to advance BRA's project portfolio through assessment, design, and construction projects.
-  Provided necessary support to the Basin and Property Management Committee in numerous property related matters.
-  Assisted in developing an objective property evaluation process that has been vetted and implemented to support staff and the Board of Directors for determining highest and best use of BRA properties.

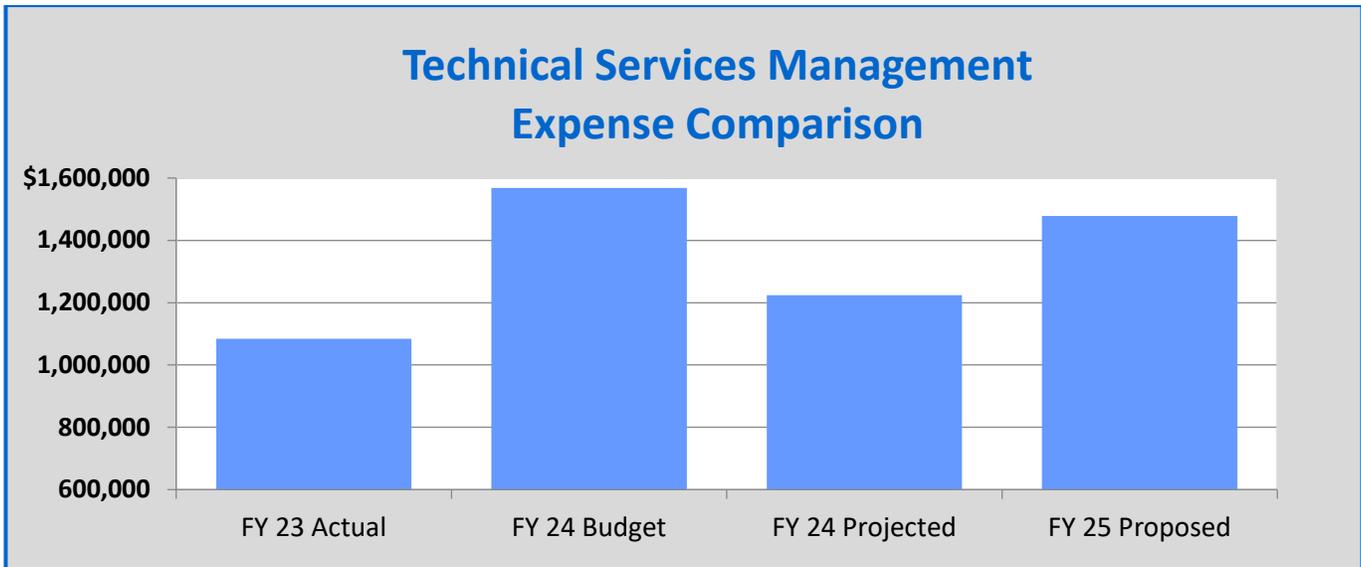
-  Published BRA's Project Delivery Handbook to provide guidance and direction for the organization's project teams and continued to further develop and refine our project management functions to increase efficient project execution and delivery.

Objectives for 2025

-  Complete the implementation of the CMMS, begin development of the CIP program, and implementation of the asset management program at the remaining BRA facilities as part of the Risk-Based Asset Management and Capital Planning Program.
-  Continue to progress BRA's project portfolio by providing the necessary engineering and technical support.
-  Continue to provide ongoing property support to the basin and Property Management Committee.
-  Progress our project management support through the Project Management Office by developing a Risk Management Guide and hosting a Contractor/Consultant forum.

Significant Changes/Comments

BRA advanced project delivery from FY2024 to FY2025 by completing and closing out 3 projects and activating 1 new project from our Capital Improvement Plan.



TECHNICAL SERVICES MANAGEMENT

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 625,137	\$ 711,502	\$ 656,656	\$ 749,315
Benefits	194,828	236,888	212,025	257,550
Materials & Supplies	12,183	20,700	16,100	13,200
Utilities	3,744	3,732	3,732	4,188
Outside Services	50,543	151,232	101,621	151,848
Repair & Maintenance	374	302	339	500
Travel	6,036	11,491	10,000	9,684
Employee Development	16,062	23,186	18,730	23,186
Regulatory	55	-	-	-
Overhead	159,424	236,485	188,389	246,044
Central Office Common	15,572	22,709	16,729	23,028
Capital Outlay	-	150,000	-	-
TOTAL	\$ 1,083,957	\$ 1,568,227	\$ 1,224,321	\$ 1,478,543

ENGINEERING

Description

The Engineering Services Group is comprised of engineers and technical staff who have experience and expertise in dam safety, water and wastewater engineering, power and process control, and system automation. The Engineering Services Group provides engineering, construction management, automation and power services for the planning, budgeting, designing, and implementing of facility expansions and improvements. Work includes oversight of third-party engineers, consultants, contractors, and in-house performance of services when needed.

Accomplishments for 2024

-  Provided technical support through the design phase and construction award for the Environmental Laboratory Complex.
-  Concluded construction support and closed out the Williamson County Regional Raw Water Line (WCRRWL) Copper Ion Generator.
-  Continue to support construction activities of the Sterling C. Robertson Dam Tainter Gates Replacement and the Environmental Laboratory Complex projects.
-  Provided technical support for the WCRRWL & Intake Condition and the Sterling C. Robertson Hydrostatic Pressure Relief assessments.
-  Provided technical support through the design phase of the East Williamson County Regional Water System (EWCRWS) Expansion Phase II, the Trinity Well Integration, and the 48" Treated Water Pipeline projects.
-  Provided support through the initiation and planning phase for the Allens Creek

Reservoir, Sterling C. Robertson Dam Low Flow Facility Modification & Improvements, DeCordova Bend Dam Trifecta, Electrical Vulnerability Assessment, Hearth Stability Analysis, Morris Sheppard Dam Controlled Outlet Conduit Recoating and Repairs, Spillway Pump and Piping, and the Bay 9 Transition Beam and Weir Box projects.

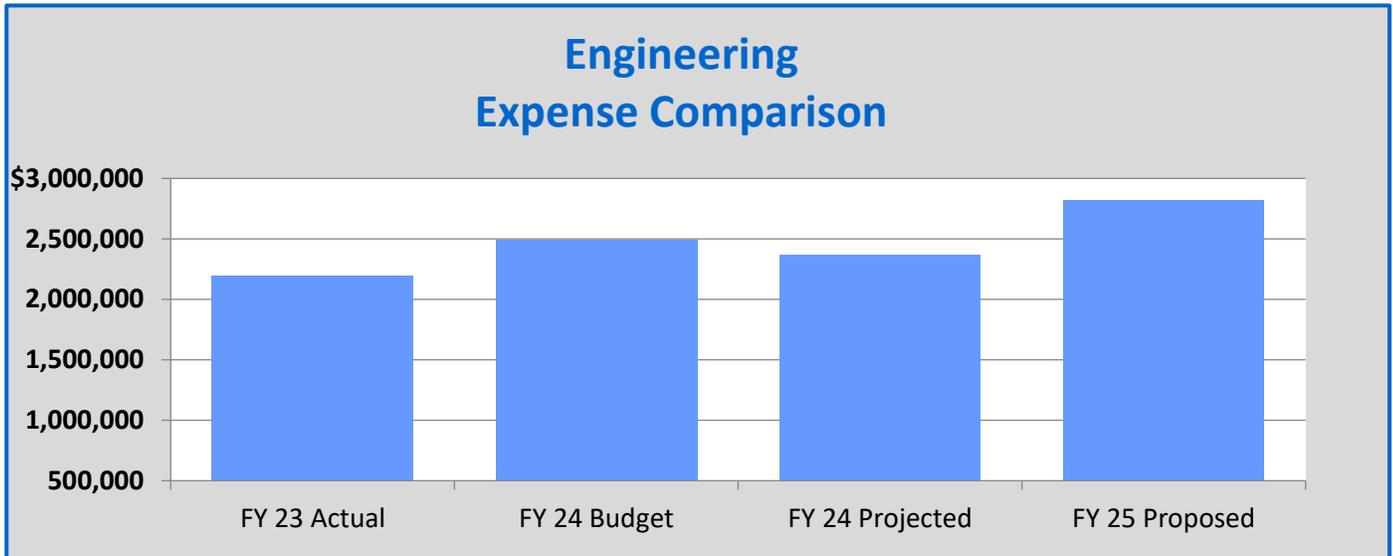
-  Provided preventative maintenance through electrical and Supervisory Control and Data Acquisition (SCADA) support to avoid equipment failure and reduced down time by using data analysis.

Objectives for 2025

-  Continue to provide necessary engineering and technical support to advance BRA's project portfolio through assessment, design, and construction of projects.
-  Conclude construction of the Sterling C. Robertson Dam Tainter Gates Replacement project.
-  Continue to provide electrical and SCADA repairs and preventive maintenance support for all operations throughout the Brazos basin.

Significant Changes/Comments

Engineering Services is continuing to provide technical support to project teams for Brazos River Authority's initiatives and strategically progressing projects while considering controls (scope, schedule, cost, and risk).



ENGINEERING

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 1,261,785	\$ 1,461,678	\$ 1,345,625	\$1,538,713
Benefits	478,911	581,072	524,622	633,932
Materials & Supplies	22,581	28,450	26,524	22,600
Utilities	20,110	31,972	35,600	34,532
Outside Services	7,015	10,597	10,808	19,681
Repair & Maintenance	43,894	36,240	39,982	36,240
Travel	47,696	69,787	69,787	69,787
Rent	5,287	8,296	7,614	5,603
Employee Development	9,887	49,310	49,310	49,310
Direct Labor	(375,567)	(362,976)	(311,200)	(384,200)
Overhead	467,447	543,141	517,560	576,307
Central Office Common	41,526	34,063	36,804	42,219
Capital Outlay	163,851	-	11,500	179,000
TOTAL	\$ 2,194,423	\$ 2,491,630	\$ 2,364,536	\$2,823,724



Brazos River Authority

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OFFICE OF SECURITY

Description

The Office of Security department's mission is to assist management in providing a safe work environment and to protect people and property by conducting various assessments and implementing approved upgrades.

Major Initiatives

-  Provide facility protection by recommending upgrades and overseeing implementation.
-  Develop security programs to enhance facility protection (physical, technical, and procedural security, threat identification and risk management, business continuity, protective intelligence, protective liaison, construction security and unmanned aircraft systems).
-  Work closely with Brazos River Authority personnel and local, state, and federal officials to ensure operational procedures and plans are appropriate for the threat environment and integrated with supporting organizations.
-  Conduct objective-based crisis management training and drills to prepare BRA staff to respond to various events (terrorist threat, bomb threat, suspicious package discovery, evacuation, fire, civil disturbance, and active attacker).

OFFICE OF SECURITY

Description

The Office of Security (OS) department's mission is to assist management in providing a safe work environment; protect people and property by conducting various security assessments, managing access control, construction security, counterterrorism, protective liaison, protective intelligence and implementing approved security upgrades. OS staff specialize in facility protection, business continuity, risk and crisis management, aerial drone program oversight, and related training in support of all Brazos River Authority (BRA) facilities and personnel.

Accomplishments for 2024

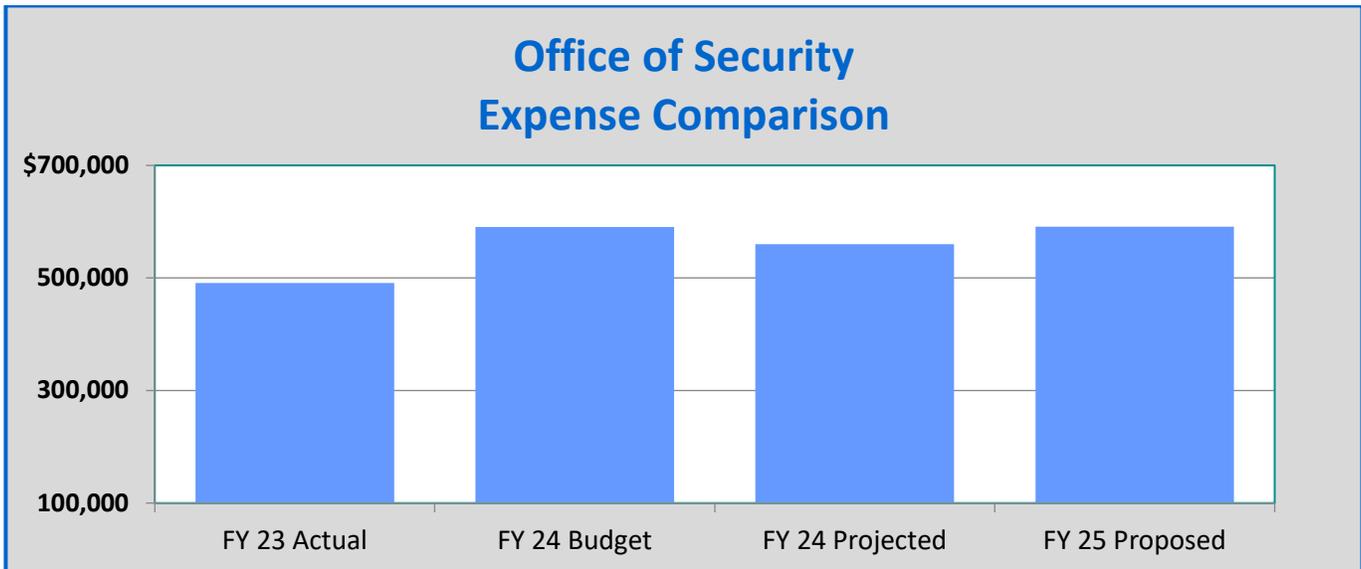
-  Maintained compliance with Federal Aviation Administration's small unmanned aerial vehicle (sUAV) pilot requirements, including registrations and ongoing flight familiarization for all BRA sUAV pilots.
-  Received training on the use of 2D and 3D mapping and modeling imagery. Assisted multiple BRA departments and their initiatives by capturing an array of sUAS imagery.
-  Followed guidelines contained in the Texas Governor's Office's Texas Homeland Security Strategic Report for 2021-2025. Completed security vulnerability assessments for all BRA-owned and BRA-operated facilities including reservoirs/dams, water, wastewater plants, pipeline pumping station, and other support facilities.
-  Coordinated the BRA technical security upgrade project for all BRA-owned facilities by suggesting placement of intrusion detection systems, access control equipment, security surveillance camera integration, and other options.
-  Continued protective security relationship development to enhance the protective intelligence and protective liaison programs

with Federal, State, and local security/law enforcement entities.

-  Supported the BRA Speaker Bureau initiatives by presenting security related speeches and drafting newsletter articles for water and dam sector organizations.
-  Completed the development of an Access Control Procedure and electronic access request form design for all BRA facilities.
-  Maintained facility construction security by conducting law enforcement background checks for contractors and subcontractors seeking access on BRA properties.
-  Coordinated and hosted two Department of Homeland Security and Cybersecurity and Infrastructure Security Agency surveillance detection (SD) training courses at BRA facilities attended by local law enforcement, security partners, and BRA staff. These three-day SD training courses incorporated daily practical exercises and role-players.

Objectives for 2025

-  Support a water sector organization by serving on a security subcommittee. Assisted in the development of an ongoing webinar to create a guest platform for sharing security expertise and available resources.
-  Work with the BRA Basin Manager to present security upgrade options to municipal officials for city owned water and wastewater plants.
-  Complete sUAS mapping and modeling at all BRA-owned and BRA-operated facilities. Support all BRA departments by flying sUAS missions to capture imagery and volumetrics.



OFFICE OF SECURITY

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 257,743	\$ 271,271	\$ 265,386	\$ 285,358
Benefits	101,295	112,115	109,986	124,398
Materials & Supplies	1,671	5,250	4,250	2,900
Utilities	1,312	483	483	483
Outside Services	1,657	1,790	1,256	1,209
Repair & Maintenance	1,869	24,545	11,000	11,200
Travel	8,073	19,500	18,000	16,500
Rent	1,638	-	-	-
Employee Development	28,998	44,110	31,620	29,160
Overhead	78,809	87,834	91,916	91,903
Central Office Common	7,786	11,354	10,038	11,514
Capital Outlay	-	12,400	16,092	16,500
TOTAL	\$ 490,852	\$ 590,652	\$ 560,027	\$ 591,125



Brazos River Authority

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SPECIAL PROJECTS & STRATEGIC INITIATIVES

Description

Special Projects & Strategic Initiatives provides direction and coordination of project planning efforts, encompassing strategic planning, project identification, analysis, and implementation, in addition to supporting initiatives at the regional and basin-wide levels.

Major Initiatives

-  Identify, evaluate, and pursue achievable strategies for implementing new water supply resources to support future basin needs. Strategies under evaluation include surface water and groundwater, as well as other innovative strategies.
-  Oversee and direct efforts to advance the Allens Creek Reservoir project. The project will include all activities necessary to complete the permitting, design, and construction of the reservoir project.
-  Provide technical support for the business initiatives within each region to meet the Brazos River Authority's (BRA's) strategic goals.
-  Provide preliminary project planning support for projects identified with the potential for future development.
-  Support and coordinate BRA's strategic planning process, including interdepartmental coordination and plan revisions or updates.

SPECIAL PROJECTS & STRATEGIC INITIATIVES

Description

Special Projects & Strategic Initiatives is a resource for evaluation of business opportunities, identification and assessment of potential water supply resources, project management support, and improvements to the management decision-making process. The primary mission is to position the Brazos River Authority (BRA) to meet the future water needs of the Brazos River basin and the State of Texas.

Special Projects & Strategic Initiatives is responsible for:

- The BRA’s analysis of future lines of business and water supply strategies.
- Working with regions in analyzing, evaluating, and accomplishing innovative projects and business opportunities.
- Developing and managing special projects as assigned by the General Manager/CEO.

Accomplishments for 2024

-  Continued development of activities associated with the Allens Creek Reservoir Project, including preliminary data gathering tasks and the solicitation process to select a permitting and design consultant for scope and fee negotiations.
-  Progressed water management strategy evaluations for use in the Central Basin to support future demands including coordination with BRA customers on demand projections and their planned local projects.
-  Guided the strategic planning efforts to advance the BRA’s strategic planning and implementation process.

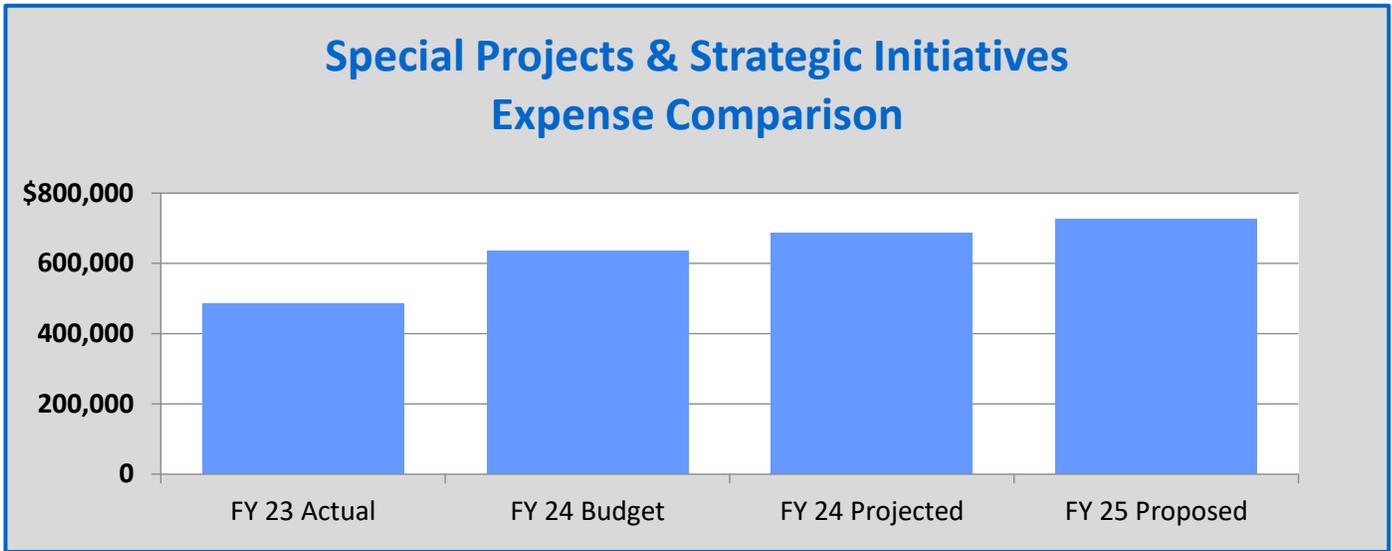
-  Completed Phase I of the Integrated Water Response Plan project focused on developing a plan for the Little River Watershed area of the Brazos basin.

Objectives for 2025

-  Advance development activities associated with the Allens Creek Reservoir Project, including scope and fee negotiation for the permitting and design consultant contract.
-  Continue the evaluation of water management strategies for use in the Central Basin to support future demands.
-  Coordinate activities to bolster the risk management process in support of organizational alignment and strategic goals.
-  Pursue the identification and assessment of additional potential water supply resources to address the future needs of BRA customers throughout the basin.

Significant Changes/Comments

The Special Projects & Strategic Initiatives department will continue to support the identification, evaluation, and development of projects to meet the future water supply needs of the Brazos River Basin in FY 2025. In FY 2024, the Program Manager position was added to lead Allens Creek Reservoir project activities.



SPECIAL PROJECTS & STRATEGIC INITIATIVES

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 312,502	\$ 323,147	\$ 366,355	\$ 422,077
Benefits	94,564	101,287	110,809	135,267
Materials & Supplies	771	1,650	1,400	4,150
Utilities	936	936	936	936
Outside Services	4,973	100,381	95,280	50,320
Direct Labor	-	-	-	-
Travel	1,636	4,950	3,500	4,950
Employee Development	661	2,890	2,450	2,890
Overhead	61,193	88,768	94,490	94,559
Central Office Common	7,786	11,354	10,038	11,514
TOTAL	\$ 485,021	\$ 635,363	\$ 685,258	\$ 726,663



Brazos River Authority

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WATER SERVICES

Description

Water Services monitors and manages the water supply of the Brazos River Authority (BRA), which composes a system of eleven reservoirs and their downstream river channel networks. Water Services staff collect, maintain, analyze, and report information concerning hydrology, water availability, and water use to manage our operation of the BRA water supply system in an ongoing effort to meet our customers' water supply needs. This includes the administration and monitoring of BRA's water rights and water supply contracts. Additionally, Water Services performs and supports water resource planning functions and project management of important water supply development initiatives.

Major Initiatives

-  Operate and manage the BRA water supply system.
-  Monitor water use and compliance of raw water contracts and BRA's water rights.
-  Provide direction of gate operations for controlled releases at the three BRA-owned reservoirs.
-  Maintain decision support tools for long-term water contract decisions and future planning.
-  Provide support and project management for various projects and Regional Water and Flood Planning activities.
-  Continue to manage and update the Drought Contingency Plan, the Water Conservation Plan, and the Water Management Plan for the BRA.

WATER SERVICES

Description

Water Services provides three vital functions to the Brazos River Authority (BRA): (1) day-to-day operational control of the BRA’s water supply system of eleven reservoirs and associated stream network; (2) administration and monitoring of the BRA’s water rights and water supply contracts; and (3) water resource planning support and management. Water Services staff collect, maintain, analyze, and report information concerning hydrology, water supply, and water use to manage our operation of the BRA water supply system in an ongoing effort to meet our customers’ water supply needs. Water Services staff directs controlled release gate operations at the three BRA-owned reservoirs, and reviews, tests, and revises operating procedures to better manage and account for water supply.

Accomplishments for 2024

-  Successfully managed the BRA water supply system including customer water contracts, data management, regulatory reporting requirements, direction of downstream water supply releases, and passage of floodwater.
-  Continued to serve as the local sponsor and participate in the Lake Whitney Reallocation feasibility study with the U.S. Army Corps of Engineers (USACE).
-  Provided technical support for various projects and water supply development initiatives as well as regional water and flood planning activities.
-  Continued to serve as the designated sponsor and administrative agent for the Lower Brazos Regional Flood Planning Group (Region 8) and the Brazos G Regional Water Planning Group.

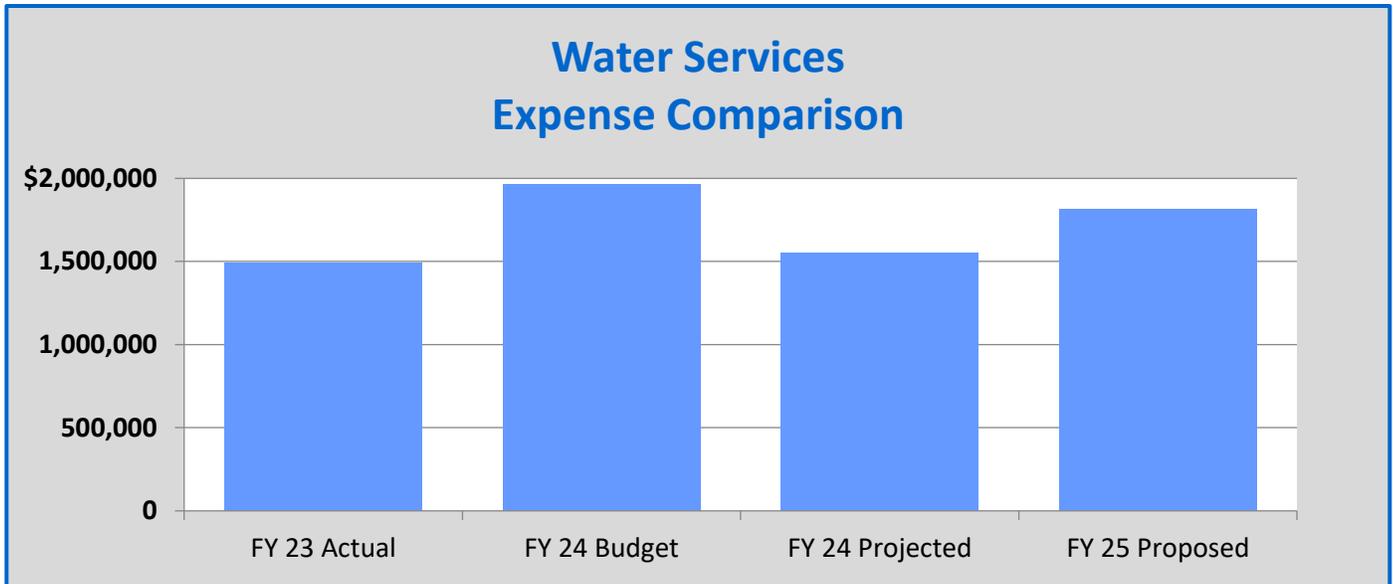
-  Continued to manage and coordinate the mandatory 10-year Water Management Plan update process.
-  Completed major updates to BRA’s Drought Contingency and Water Conservation Plans.
-  Initiated development of inundation maps at structures downstream of Sterling C. Robertson Dam at Lake Limestone.

Objectives for 2025

-  Successfully manage the BRA water supply system and meet all contract and regulatory reporting requirements.
-  Continue to serve as the designated sponsor and administrative agent for Region 8 and the Brazos G Regional Water Planning Group.
-  Continue to manage and coordinate the mandatory 10-year System Operation Permit/Water Management Plan amendment process.
-  Complete the development of inundation maps at structures downstream of Sterling C. Robertson Dam at Lake Limestone.
-  Continue to serve as the local sponsor and participate in the Lake Whitney Reallocation feasibility study with USACE.
-  Continue to provide technical support for various projects and water supply development initiatives as well as regional water and flood planning activities.

Significant Changes/Comments

In May 2024, revised BRA drought contingency and water conservation plans were submitted to Texas Commission on Environmental Quality which satisfied requirements within the Texas Administrative Code to update these plans every 5 years.



WATER SERVICES

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 864,970	\$ 908,202	\$ 823,059	\$ 938,329
Benefits	308,211	332,896	308,422	366,987
Materials & Supplies	8,833	4,100	2,400	6,500
Utilities	480	3,500	2,720	2,720
Outside Services	13,094	373,643	74,321	144,978
Repair and Maintenance	500	500	500	542
Travel	3,776	7,924	4,950	7,924
Employee Development	5,551	13,700	9,950	13,700
Direct Labor	-	(2,726)	-	(2,726)
Overhead	258,419	289,509	296,220	299,470
Central Office Common	24,656	35,956	31,786	36,462
TOTAL	\$ 1,488,490	\$ 1,967,204	\$ 1,554,328	\$ 1,814,886

FEDERAL RESERVOIRS AND PURCHASED WATER

Description

The Federal Reservoirs and Purchased Water budget is used to account for various water supply-related costs and fees including: (1) Brazos River Authority’s (BRA) portion of operating costs and debt service for the eight U.S. Army Corps of Engineers (USACE) lakes that BRA has storage space in; (2) payments for Colorado Basin water; (3) Brazos Watermaster and water right fees; 4) Brazos G regional water planning costs; 5) Region 8 (Lower Brazos) regional flood planning costs, and 6) other water supply related costs not specific to a particular location/facility.

Accomplishments for 2024

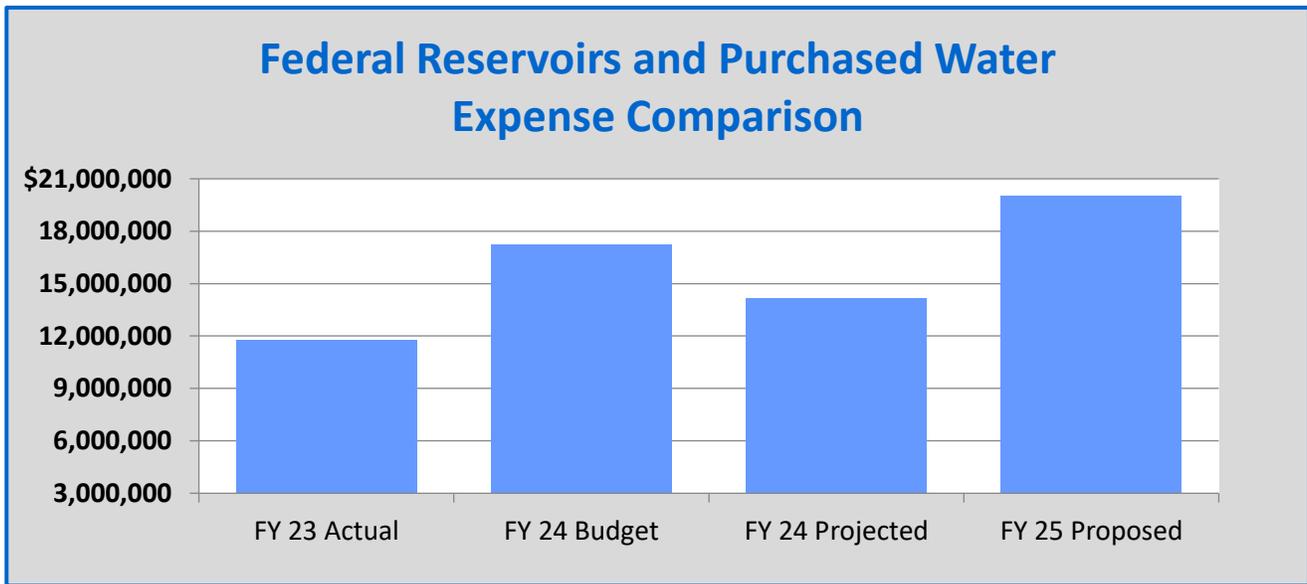
-  Served as Administrative Agent and designated political subdivision for Brazos G regional water planning group supporting the development of the 2026 Regional Water Plan.
-  Served as Administrative Agent and designated political subdivision for Region 8 (Lower Brazos) regional flood planning group supporting the development of the second planning cycle culminating in the 2028 Regional Flood Plan.
-  Conducted semi-annual meetings with the USACE Forth Worth Office, Three Rivers Regional Office, and the Capital Regional Office to discuss projects, budgets, and other issues.
-  Accounted for and invoiced the amounts due from Colorado basin water that was used during FY 2024.
-  Reported water usage and projected diversions to the Texas Commission on Environmental Quality (TCEQ) Brazos Watermaster.

-  Attended TCEQ Brazos Watermaster Advisory Committee meetings to discuss issues and offer input to the development of the Brazos Watermaster budget.
-  Coordinated review and timely payment of invoices for Operations & Maintenance expenses and debt service related to the storage space in the eight USACE multi-purpose reservoirs.

Objectives for 2025

-  Continue semi-annual meetings with personnel from the USACE to facilitate open communication and information sharing.
-  Continue to provide all water usage information required by the TCEQ Brazos Watermaster on a timely basis.
-  Continue to serve as a member of the TCEQ Brazos Watermaster Advisory Committee.
-  Continue to serve as Administrative Agent and designated political subdivision for the Brazos G regional water planning group and the Region 8 (Lower Brazos) regional flood planning group.





FEDERAL RESERVOIRS AND PURCHASED WATER

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Benefits	\$ 376,336	\$ 396,097	\$ 364,716	\$ 381,700
Materials & Supplies	598	720	750	770
Utilities	533	700	700	700
Outside Services	5,324,156	7,458,734	5,889,657	9,883,667
Travel	3,750	2,900	3,100	3,100
Employee Development	-	350	350	350
Regulatory	86,744	91,080	86,744	91,080
Miscellaneous Operating	56,026	2,077,100	1,061,600	2,078,100
Overhead	1,669,266	2,892,178	2,705,815	3,168,837
LCRA Purchased Water	2,520,905	2,736,689	2,507,000	2,992,644
Capital Outlay	160,211	-	-	-
Sub Total	\$10,198,525	\$15,656,548	\$12,620,432	\$18,600,948
Debt Service	1,587,362	1,574,399	1,574,399	1,447,922
TOTAL	\$11,785,886	\$17,230,947	\$14,194,831	\$20,048,870
Grant Funding (Brazos G and Region 8)	\$ 838,663	\$ 941,770	\$ 732,000	\$ 1,399,020



Brazos River Authority

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ENVIRONMENTAL SERVICES



Description

Environmental Services conducts comprehensive water quality and biological monitoring, analysis, and data management that provides scientific information on environmental conditions in the basin. This information is used to develop and implement effective watershed-based strategies to maintain and improve environmental health throughout the Brazos River basin and to support other departments and activities. Additionally, Environmental Services staff provides regulatory compliance support and permitting assistance to other Brazos River Authority (BRA) departments, as well as coordinates response to emergencies and disasters in the basin and at BRA properties and implements plans and programs to prevent or lessen the impact of emergencies and disasters.

Major Initiatives

-  Water quality sampling, analysis, and assessment.
-  Continue developing agency-wide Emergency Management Plan and Continuity of Operations Plan.
-  Instream and riparian zone biotic integrity assessment.
-  Environmental permitting for in-house BRA projects.
-  Threatened, endangered, and invasive species monitoring.
-  Participate in local watershed protection efforts.
-  Complete construction of new Environmental Laboratory Complex.

ENVIRONMENTAL SERVICES

Description

Environmental Services conducts comprehensive water quality and biological monitoring, analysis, and data management that provides scientific information on basin environmental conditions. This information is used to develop and implement effective watershed-based strategies to maintain and improve environmental health throughout the Brazos River basin. Additionally, Environmental Services Staff provides regulatory compliance support and permitting assistance to other departments and is responsible for emergency management and environmental health and safety support for all authority facilities.

- Reviewed in-progress and future projects to identify environmental and cultural resource permitting implications.



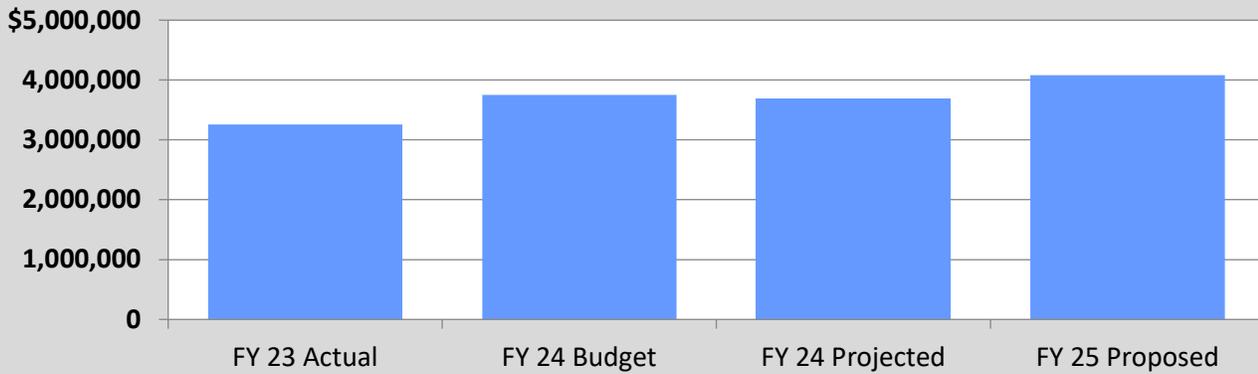
Accomplishments for 2024

- Continued participation in the Texas Clean Rivers Program. Hosted an in-person and virtual Steering Committee meeting and in-person Coordinated Monitoring meeting.
- Completed second year of implementation of conservation measures included in the Candidate Conservation Agreement with Assurances for Freshwater Mussels.
- Continued water quality monitoring, riparian zone assessments, and instream biology assessments.
- Began construction of Environmental Lab Complex project.
- Completed first drafts of agency-wide Emergency Management and Continuity of Operations Plans.
- Completed the annual Emergency Action Plans for all three BRA reservoirs, and four drinking water and wastewater treatment facilities.

Objectives for 2025

- Continue water quality, riparian zone, and biological sampling in support of the Texas Clean Rivers Programs, Texas Environmental Flow Standards, and BRA initiatives.
- Continue implementation of conservation strategies included in the Candidate Conservation Agreement with Assurances for Freshwater Mussels.
- Review projects proposed to be implemented during FY 2025 for environmental and cultural resource permitting implications and required permitting documents. Complete any surveys, consultations and permitting documents for projects to be completed in-house.
- Continue development of Emergency Management and Continuity of Operations Plans. Produce annual updates of facility-specific Emergency Action Plans.
- Complete construction of Environmental Lab Complex project.

Environmental Services Expense Comparison



ENVIRONMENTAL SERVICES

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 1,410,111	\$ 1,520,581	\$ 1,459,943	\$ 1,708,588
Benefits	459,176	518,693	497,558	594,985
Materials & Supplies	117,018	141,019	127,390	135,319
Utilities	4,279	14,858	15,338	18,408
Outside Services	429,300	601,093	657,934	607,252
Travel	41,280	76,871	62,975	69,875
Rent	4,304	4,800	4,100	4,800
Employee Development	27,803	81,099	43,844	79,016
Repair and Maintenance	49,504	96,484	57,500	84,868
Regulatory	1,316	1,500	1,265	1,500
Miscellaneous Operating	260	9,050	3,005	7,230
Direct Labor	(22,849)	(15,344)	(30,210)	(21,587)
Overhead	509,103	557,552	586,223	589,875
Central Office Common	51,907	71,912	71,912	80,599
Capital Outlay	176,557	72,000	137,032	119,800
TOTAL	\$ 3,259,071	\$ 3,752,168	\$ 3,695,809	\$ 4,080,528
Grant Funding (Clean Rivers Program)	\$ 632,580	\$ 436,124	\$ 436,124	\$ 436,124



Brazos River Authority

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CENTRAL SERVICES

Description

Central Services includes Executive, Legal, Finance and Administration, Human Resources and Information Technology support to each basin and project.

Major Initiatives

-  Direct the Brazos River Authority's (BRA's) project initiatives for the long-term water needs of the Brazos River basin and the State of Texas.
-  Develop legal structure (policies, contracts, etc.) to accomplish the goal of good governance and facilitate water pricing strategies.
-  Expand and promote the BRA's legislative agenda, both State and Federal.
-  Improve and develop the alignment of Human Resources functions to the strategic and business plan such as compensation, training and development, evaluation, etc.
-  Enhance strategies to transform the workplace culture to align with its future and goals through such strategies as new employee orientation, recruiting, retention, recognition initiatives, etc.
-  Continue to enhance and implement financial and administrative processes that promote best practices in accordance with the BRA's organizational structure.
-  Manage a budgeting process that links to the strategic plan and creates a method to evaluate the effectiveness of existing and proposed programs and projects.
-  Provide accurate and timely financial recordkeeping and reporting in accordance with Generally Accepted Accounting Principles (GAAP).
-  Implement technology to support the organization's strategic plan and business goals.

BOARD OF DIRECTORS

Description

The 21-member Board of Directors (Board) is the governing body of the Brazos River Authority (BRA). Its members are appointed by the Governor, subject to confirmation by the Texas Senate, for six-year terms. The Board Presiding Officer appoints and organizes the Board into committees, each of which meets on an as-needed basis to develop and recommend policies, objectives, programs and actions for consideration by the full Board. The committees are: Administration and Audit, Executive Compensation and Evaluation, Ethics and Conflicts of Interest, Property Management, Security, and Retirement. The Board meets a minimum of six times a year. The calendar year meeting schedule is set during the meeting on the fourth Monday in November. Special meetings are held as necessary. The Board budget is primarily for Director fees and expenses for attendance at meetings.

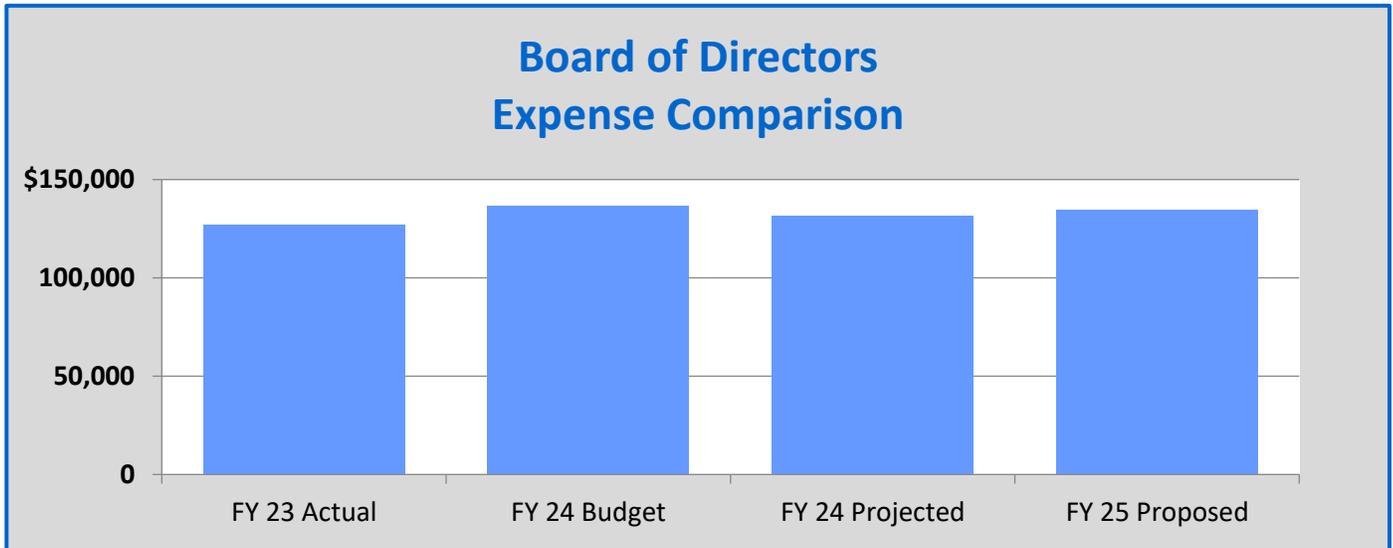
Accomplishments for 2024

-  Provide oversight of the Long Range Financial and Strategic Plans to ensure direction and future focus.
-  Set the overall policy, strategic objectives, and goals for the future growth and development of the BRA to accomplish its mission.
-  Monitored the implementation of the FY 2024 Annual Operating Plan (Budget) to ensure proper financial management.
-  Authorized and approved the FY 2025 Annual Operating Plan (Budget).
-  Continued pursuit of new water supply projects and acceleration of timelines in light of Texas' ever-growing water needs.

-  Authorized engineering and construction of BRA projects to ensure future water requirements are met and the life of the current BRA facilities is maintained and prolonged.

Objectives for 2025

-  Provide direction regarding the Long Range Financial and Strategic Plans to ensure informed decision making for the basin.
-  Authorize and approve FY 2026 Budget.
-  Oversee the FY 2025 Annual Operating Plan (Budget) to ensure proper financial management.
-  Assist in relaying BRA's mission and any roadblocks to elected officials.
-  Promote BRA's mission and initiatives during meetings and communications with customers.
-  Oversee continued enhancement of system-wide measures to ensure security of BRA assets and facilities.



BOARD OF DIRECTORS

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Materials & Supplies	\$ 5,647	\$ 6,480	\$ 5,500	\$ 5,880
Utilities	-	5,656	-	-
Outside Services	45,481	40,148	47,710	51,837
Repair & Maintenance	-	-	8,164	-
Rent	171	800	200	800
Travel	65,840	72,737	60,200	63,325
Training & Development	9,662	10,000	9,800	12,400
Miscellaneous Operating	-	500	-	500
TOTAL	\$ 126,801	\$ 136,321	\$ 131,574	\$ 134,742

GENERAL ADMINISTRATION

Description

General Administration is the office of the General Manager/CEO (GM/CEO) supported by the Executive Assistant to the GM/CEO. The GM/CEO, hired by the Board of Directors (Board), provides strategic leadership to the organization, represents the Brazos River Authority (BRA) on a wide range of industry and policy issues, and coordinates issues and regional efforts with customers.

Accomplishments for 2024

-  Engaged with other river authorities and regional Water Planning Groups on water related issues.
-  Communicated and coordinated with State officials and constituents on the status of BRA operations, projects, and drought/flood operations.
-  Continued the rehabilitation and construction efforts on BRA dams and other infrastructure to ensure their safety and longevity.
-  Started the Essential Function and Business Impact Analysis to support the Continuity of Operations Plan.
-  Prepared for and led six BRA Brown Bag on the Brazos virtual town hall meetings.

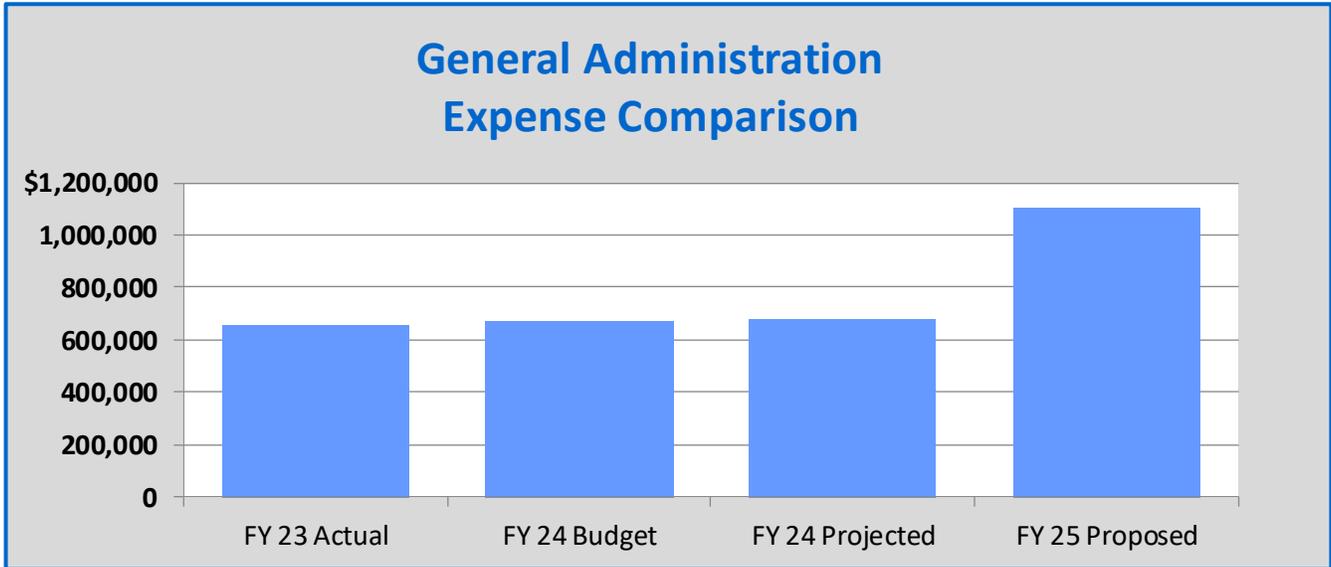
Objectives for 2025

-  Work with legal services and other BRA departments to implement any legislation passed during the 88/89th regular legislative session.
-  Work with federal delegation to ensure continued funding for the Lake Whitney Reallocation study is approved in the federal appropriations process.

-  Pursue the development of additional water supply sources and water conservation to increase/extend water for future Texas population growth and management during drought years.
-  Continue to support environmental studies to determine solutions to lessen the impact to water availability for customers.
-  Protect, develop, and encourage the BRA's most valuable asset – the workforce, the backbone that ensures quality, productivity, and the BRA's mission.
-  Continue to develop the Allens Creek Reservoir project.
-  Continue to develop the Continuity of Operations Plan.

Significant Changes/Comments

The FY 2025 budget for General Administration includes the addition of a new Deputy General Manager position.



GENERAL ADMINISTRATION

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 478,380	\$ 472,278	\$ 486,358	\$ 788,096
Benefits	123,369	136,887	134,826	220,350
Materials & Supplies	3,867	10,200	11,989	21,400
Utilities	3,284	3,276	3,400	4,088
Outside Services	445	381	420	479
Repair & Maintenance	97	-	337	1,000
Travel	24,842	17,400	16,500	22,650
Rent	-	150	-	150
Employee Development	15,834	22,025	17,300	29,888
Central Office Common	7,786	11,354	10,038	15,352
TOTAL	\$ 657,903	\$ 673,951	\$ 681,168	\$1,103,453

LEGAL SERVICES

Description

The Legal Services department, headed by the General Counsel, oversees all legal matters for the Brazos River Authority (BRA). Responsibilities of the Legal Department include: all contracts and contractual negotiations, management of litigation, legal support for all ongoing and future projects, and coordination of outside counsel services. Legal Services is integral in development, evaluation, and implementation of policy and management issues. Additionally, the Legal Services department provides legal services, representation, and guidance on all legal issues and questions relating to BRA programs for the Board of Directors, the General Manager/CEO, and all departments of the BRA.

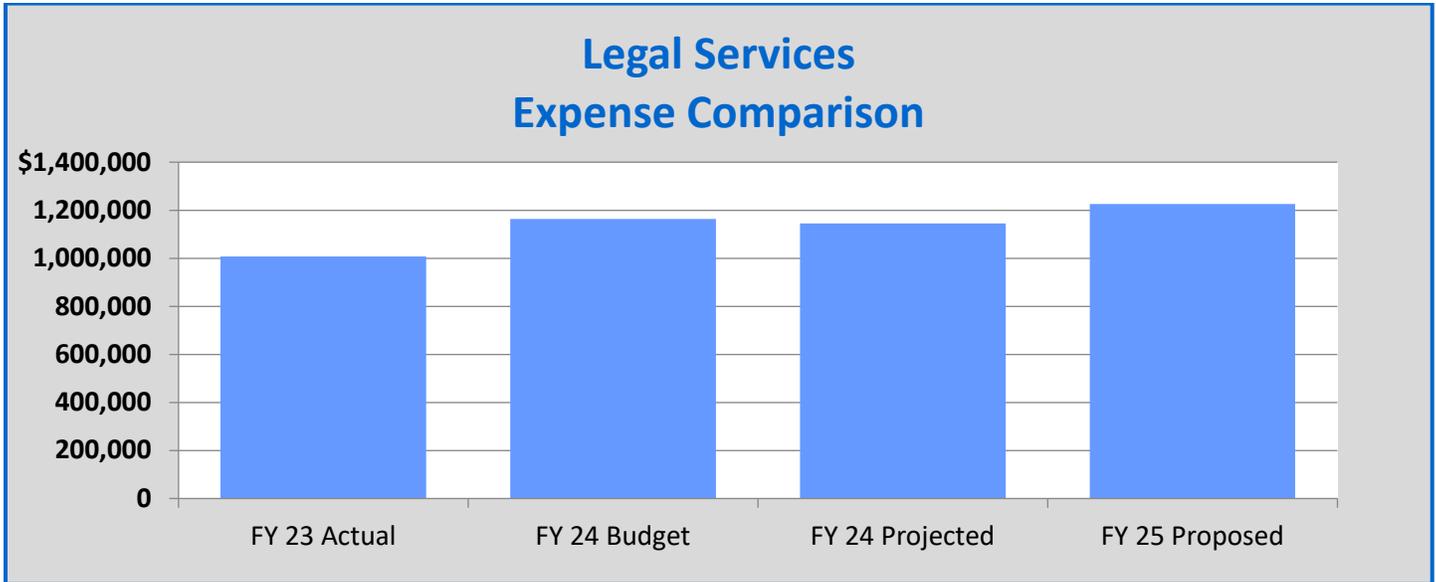
Accomplishments for 2024

-  Provided effective representation, while keeping emphasis on proactive liability, avoidance strategies, and beneficial contract negotiations.
-  Provided legal services in relation to: open government compliance; regional planning group representation; and contract drafting and negotiations.
-  Assisted in preparation of BRA's Emergency Management Plan.
-  Monitored and managed internal/external water rights applications and represented BRA at the State Office of Administrative Hearings (SOAH) and Texas Commission of Environmental Quality (TCEQ) hearings in relation to multiple pending BRA water rights protests.
-  Spearheaded response to PFAS class action lawsuit, preserving BRA's interests.
-  Managed negotiations and drafting of professional services contracts, construction contracts, and technology contracts.

-  Furthered growth of Contract Management Database, educated users, and assisted the transition to external insurance management.
-  Prevailed in trial phase of Baumgardner case, protecting BRA's authority to enforce its rules and regulations, and protect its property.
-  Initiated, effected, and/or amended multiple BRA procedures.
-  Updated BRA Operations Policies Manual based upon the 2023 Legislative session.
-  Facilitated adoption of a conservation and environmental land policy at Bee Mountain, for potential future mitigation purposes.

Objectives for 2025

-  Continue effective representation with beneficial contract negotiation with the use of proactive strategies to avoid liability concerns.
-  Provide legal services in relation to: open government compliance; water rights application management; drafting and revising policies and procedures; regional planning groups; and contract drafting and negotiations.
-  Continue Allens Creek development efforts and negotiate professional services contracts.
-  Manage the appeal process in the Baumgardner case.
-  Provide proactive legal representation in ongoing water and water rights matters to protect and preserve BRA's interests.
-  Continue managing and facilitating negotiations and drafting of complex professional services contracts and construction contracts for infrastructure development and improvements.



LEGAL SERVICES

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 736,160	\$ 811,368	\$ 796,916	\$ 834,665
Benefits	223,589	258,165	258,459	288,052
Materials & Supplies	9,818	7,900	7,900	9,150
Utilities	3,863	4,122	4,122	3,690
Outside Services	1,258	25,889	25,981	26,118
Travel	585	7,050	7,050	8,300
Employee Development	12,749	21,040	20,040	27,175
Central Office Common	19,465	28,386	25,094	28,785
TOTAL	\$1,007,486	\$1,163,920	\$ 1,145,562	\$1,225,935

GOVERNMENT AND CUSTOMER RELATIONS

Description

The Government and Customer Relations (G&CR) Department represents the Brazos River Authority (BRA) on regional, state and national matters. Responsibilities include: monitoring legislative areas of interest to the BRA; preparing position papers, testimony and correspondence to elected officials; serving as liaison with offices of elected officials and legislative committees; responding to all media-related inquiries; planning and implementing the BRA's public relations strategies, policies and procedures including maintenance and development of the BRA's website, Water School educational blog and social media sites; and responding to inquiries from BRA personnel, other agencies and the general public. G&CR also has the responsibility of maintaining the BRA's repository of files and records contained in Central Files.

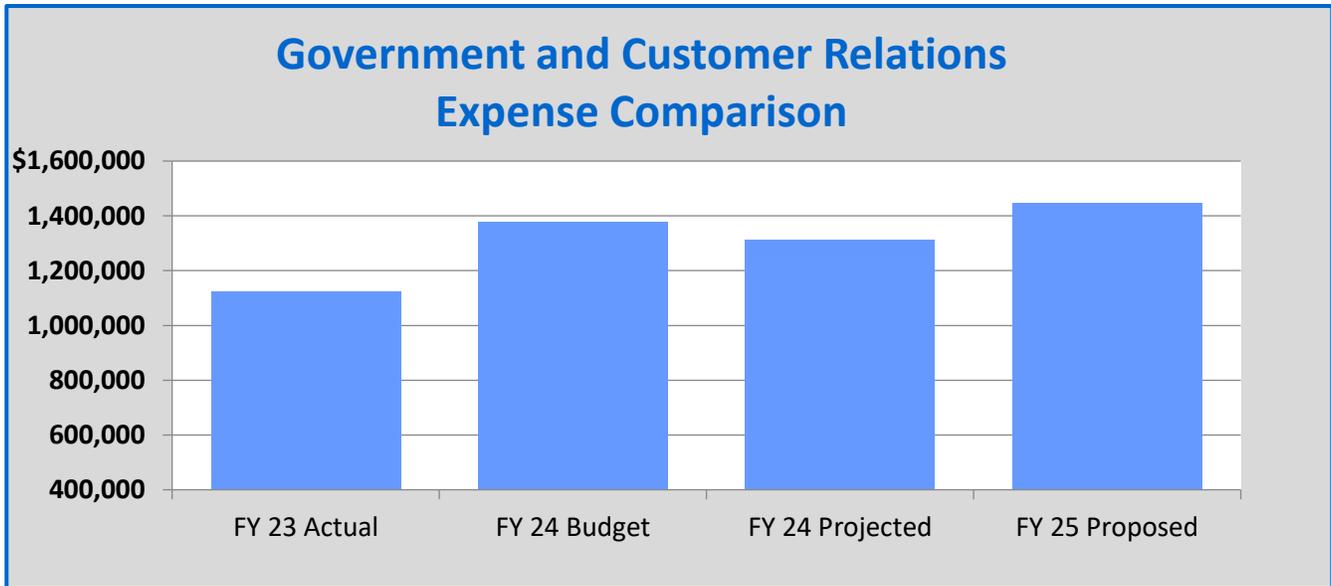
Accomplishments for 2024

-  Promoted projects, service lines and educational efforts via the BRA website and quarterly email newsletters.
-  Promoted water education through timely conservation, safety, and informational posts on six social media channels, increasing following by 20 percent.
-  Managed and produced six BRA Brown Bag on the Brazos virtual town hall meetings.
-  Worked with Water Services to produce 19 bi-weekly informational drought videos about the progress of the drought and eight stand-alone drought educational videos.
-  Organized and promoted the 6th Annual Lake Granbury Water Safety Awareness Day.
-  Explored federal funding opportunities for current and future BRA projects.

-  Received national recognition for social media, receiving two awards for customer service efforts.
-  Worked with BRA departments to implement legislation affecting the BRA from the last legislative session.
-  Met with members of the BRA state legislative delegation and their staffs to update them on major BRA projects and initiatives.
-  Engaged with BRA federal delegation to ensure continued funding for the Lake Whitney Reallocation study.

Objectives for 2025

-  Expand educational efforts for the Belhouse Drought Preparedness Project and Allens Creek Reservoir Project.
-  Complete compliance upgrades for the BRA website to meet Americans with Disabilities Act requirements.
-  Complete visual service line education program for the BRA's Central Office.
-  Develop relationships with newly elected members of the BRA state legislative delegation.
-  Monitor the state legislative interim committee process in advance of the upcoming state legislative session.
-  Track and engage on legislation affecting the BRA during the state legislative session.
-  Work with BRA's federal delegation to ensure continued funding for the Lake Whitney Reallocation Study.



GOVERNMENT AND CUSTOMER RELATIONS

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 584,372	\$ 676,085	\$ 660,649	\$ 711,420
Benefits	195,483	234,846	218,913	252,681
Materials & Supplies	8,084	14,725	13,042	7,425
Utilities	3,990	3,288	5,136	5,616
Outside Services	257,844	275,889	261,781	276,118
Repair & Maintenance	-	-	7,188	-
Travel	17,481	17,964	16,500	17,964
Employee Development	28,948	30,567	25,667	38,795
Miscellaneous Operating	11,544	103,300	79,000	103,300
Central Office Common	16,870	22,709	23,421	26,866
Capital Outlay	-	-	-	6,000
TOTAL	\$ 1,124,614	\$ 1,379,373	\$ 1,311,297	\$ 1,446,185

HUMAN RESOURCES

Description

The Human Resources (HR) Department supports the strategic plan in the areas of personnel and organizational culture. HR functions include supporting the mission of the Brazos River Authority (BRA) by working in cooperation with managers, supervisors, and employees to enhance recruitment and retention, training and development, health and safety initiatives, performance management, internal and external pay equity, organizational development, and compensation and benefit programs. HR manages employee wages and salaries; processes payroll; administers benefit initiatives including all employee group insurance and wellness programs, retirement plans, and service and safety award programs; manages employee performance and discipline issues; coordinates and provides employee and supervisor training and development; maintains past and present employee and retiree records and files; manages the Central Office front desk; and administers the employee safety and education program.

Accomplishments for 2024

-  Continued efforts to promote a proactive safety culture at the BRA by empowering employees to think safety before starting any task, stop work if they have safety concerns, actively find ways to perform their jobs more safely, and regularly meet to develop site-specific safety strategies and protocols to ensure their work environment is safe.
-  Conducted Harassment Prevention training to all BRA supervisors and employees. Also provided Back to Basics and Mental Health Awareness training for supervisors.
-  Continued to manage programs, educate supervisors, and enhance the BRA's ability to effectively recruit and retain an experienced, diverse, and dedicated workforce.

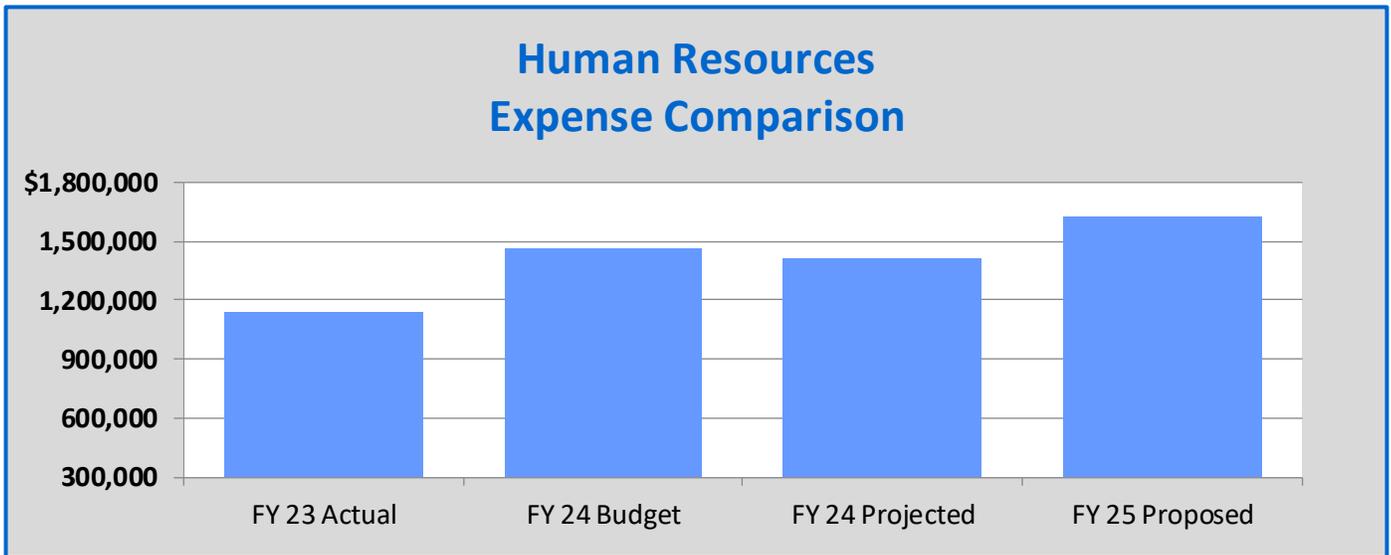
-  Continued to deliver exceptional Human Resources leadership, support, and quality services to all employees of the BRA.

Objectives for 2025

-  Develop site-specific safety briefings and welcome videos for every BRA location to be conveyed to new employees and visitors prior to working at or touring a facility.
-  Continue to build a comprehensive training and development program designed to provide employees training, mentorship, and development opportunities that will enhance their knowledge, skills, and abilities so that they can effectively perform their jobs.
-  Contract with a consultant to conduct a compensation study to address internal and external pay equity to ensure the BRA is able to recruit and retain quality employees.
-  Review and re-bid, as necessary, BRA benefit plans and providers to maintain and/or improve employee benefits with minimal impact to the budget.
-  Continue to monitor healthcare, wellness, and retirement regulations as they become applicable and/or are reversed and make appropriate benefit plan adjustments.

Significant Changes/Comments

A position was added to HR in FY 2024 for the purpose of building a training and development program designed with specific goals and objectives in mind, such as improving employee performance, increasing employee engagement and job satisfaction, cultivating an understanding and commitment to safety and compliance, and developing a pipeline of future leaders.



HUMAN RESOURCES

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 647,769	\$ 793,416	\$ 770,793	\$ 827,073
Benefits	221,029	285,997	279,956	315,955
Materials & Supplies	39,406	32,200	27,299	35,300
Utilities	2,816	2,796	3,264	3,264
Outside Services	126,471	141,120	164,802	221,138
Repair and Maintenance	816	1,000	600	1,200
Travel	13,965	9,031	8,763	7,336
Rent	2,381	2,200	200	2,200
Employee Development	70,049	162,876	128,278	159,490
Central Office Common	18,167	30,279	30,113	34,543
Capital Outlay	-	-	-	15,000
TOTAL	\$ 1,142,869	\$1,460,915	\$1,414,068	\$1,622,499

FINANCE AND ADMINISTRATION

Description

Finance and Administration (F&A) provides financial and administrative support and services to the Brazos River Authority (BRA). The Chief Financial Officer oversees and directs the activities of this department, which include cash and investment management, financial statement preparation and reporting, budget preparation and reporting, billing, and accounts receivable, grant accounting, accounts payable, debt administration, purchasing and procurement, and insurance.

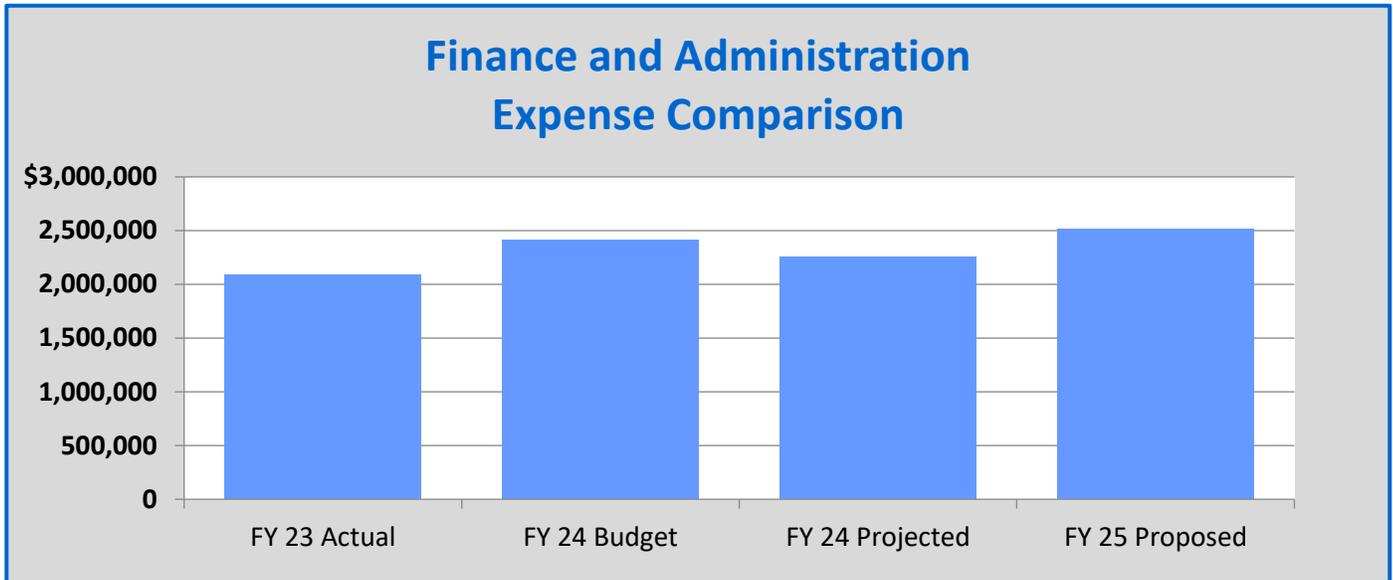
Accomplishments for 2024

-  Applied for and received the Government Finance Officer's Association (GFOA) award for "Excellence in Reporting" for the BRA's FY 2023 Annual Comprehensive Financial Report (ACFR) for the 38th consecutive year.
-  Developed the FY 2025 Annual Operating Plan (AOP) and Capital Improvement Plan (CIP) for approval by the Board of Directors in July 2024.
-  Applied for and received the GFOA award for "Distinguished Budget Presentation" for the FY 2024 AOP and CIP for the 10th consecutive year.
-  Began implementation process for new Enterprise Resource Planning (ERP) software.
-  Completed the FY 2023 annual financial audit performed by our external auditors and received an unqualified opinion and no significant audit comments.
-  Provided monthly financial reporting to contract water and wastewater treatment customers.

-  Implemented a certificate of insurance tracking system to ensure contract compliance and minimize liability.
-  Prepared and solicited 34 formal solicitations. Issued 309 purchase orders.
-  Conducted four auctions of surplus property that resulted in \$191,391.63.

Objectives for 2025

-  Successful "go live" of new ERP software. Complete end user training for BRA staff.
-  Apply for and receive the GFOA awards for "Excellence in Financial Reporting" and "Distinguished Budget Presentation".
-  Apply for and receive Government Treasurers' Organization of Texas Investment Policy Certification.
-  Continue to develop and implement financial and administrative procedures that establish consistent guidelines and methods for managing the purchase of goods, supplies and services.
-  Complete the FY 2024 annual financial audit with an unqualified opinion and no significant audit comments.
-  Continue support of the BRA's CIP by providing timely financial reports and updated long range financial forecasts.
-  Monitor performance against the FY 2025 AOP by preparing timely monthly budget reports and explaining variances.



FINANCE AND ADMINISTRATION

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 1,315,562	\$ 1,474,569	\$ 1,441,540	\$ 1,519,656
Benefits	503,199	596,273	535,272	614,513
Materials & Supplies	38,914	37,552	26,545	24,667
Utilities	4,579	5,178	4,960	5,178
Outside Services	146,843	206,082	146,782	219,016
Repair & Maintenance	25,000	10,800	9,000	40,700
Travel	2,477	3,784	4,350	3,334
Employee Development	7,003	19,434	13,140	19,530
Central Office Common	41,526	60,557	56,879	65,247
Capital Outlay	-	-	15,300	-
TOTAL	\$ 2,085,101	\$ 2,414,229	\$ 2,253,768	\$ 2,511,841

INFORMATION TECHNOLOGY SERVICES

Description

Information Technology (IT) Services provides technical support and services to the Brazos River Authority (BRA) to assist in reaching the business goals and objectives using technology. The group organization includes:

Enterprise Infrastructure maintains server/network hardware and cloud infrastructure; provides connectivity to the BRA’s computing environment; ensures local and wide area network (WAN) security.

Geographic Information Systems (GIS) creates maps, coordinates and manages the collection of spatial data throughout the BRA, and creates interactive mapping applications.

Development creates and maintains custom software applications and develops, maintains, and coordinates Internet and Intranet site content.

Software Administration and Projects optimizes, maintains, and supports purchased software packages.

Support Services manages day to day IT support tasks, computer inventory, camera systems, and Audio-Visual (AV) systems.

Cybersecurity architects, implements, and maintains the information security posture in all facets of technology.

Accomplishments for 2024

-  Completed the design, build, and deployment of all organization intranet sites and team sites on SharePoint Online.
-  Completed migration of physical infrastructure to Microsoft Azure, rebuilding systems and websites from scratch.
-  Sourced and vetted a new security vendor and established an annual penetration testing and cyber assessment program.
-  Deployed, configured, and implemented several security applications and appliances

basin wide, including a Web Application Firewall (WAF), significantly increasing security posture on all levels.

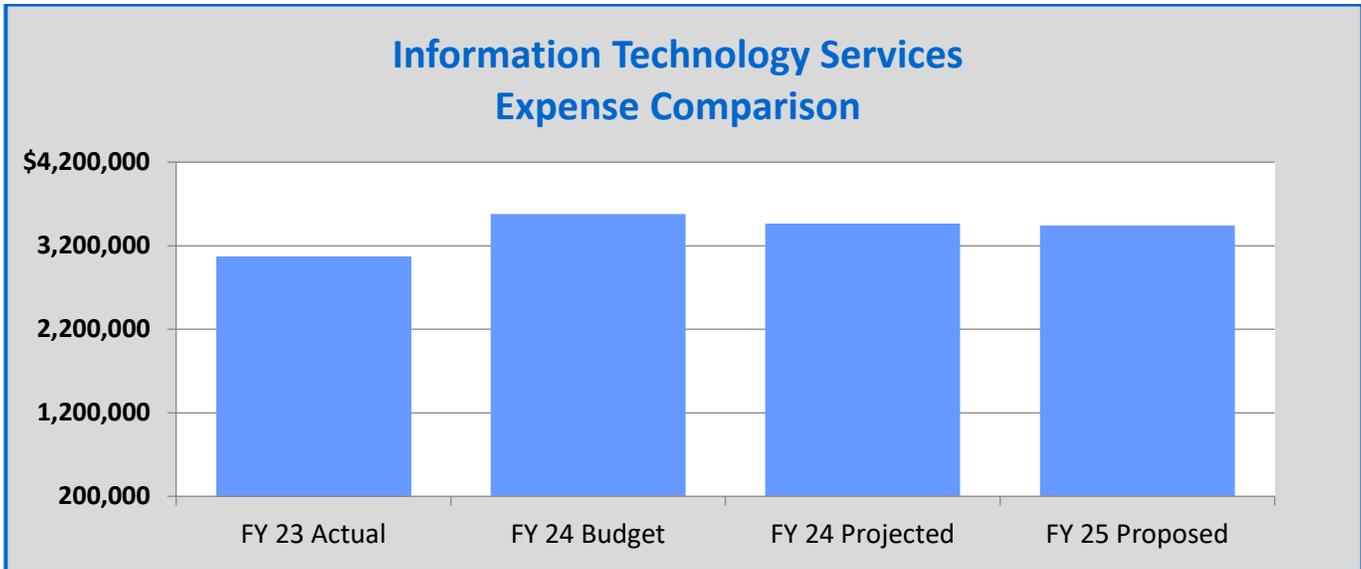
-  Added a Cybersecurity Administrator to the team and began the deployment of cybersecurity program roadmap.
-  Selected a new Enterprise Resource Planning (ERP) software and Asset Management system, negotiated contracts and terms, built implementation plans and began implementation.

Objectives for 2025

-  Test and deploy dedicated security appliances to the Supervisory Control and Data Acquisition (SCADA) network in conjunction with other cybersecurity standards to further enhance security of BRA's critical infrastructure.
-  Implement redesigns for both SCADA and business networks, utilizing zero trust and network access control to increase our cybersecurity posture and meet the new Environmental Protection Agency requirements.
-  Complete migration and implementation of Nexgen (asset management) and Tyler Munis (ERP) software and enact robust customer support and training for each.
-  Complete the audio-visual upgrade project across all conference rooms and board room in the Central Office, creating standard practices and training.

Significant Changes/Comments

The IT department was reorganized to empower internal employees and to ensure resources were correctly deployed for maximum efficiency and customer service.



INFORMATION TECHNOLOGY SERVICES

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Salaries	\$ 1,262,098	\$ 1,403,604	\$ 1,397,716	\$ 1,493,048
Benefits	408,648	484,619	475,377	547,521
Materials & Supplies	97,726	61,120	63,120	52,520
Utilities	98,291	58,757	55,920	54,964
Outside Services	108,349	135,894	98,779	125,112
Repair & Maintenance	910,830	1,153,412	1,105,114	993,441
Travel	3,204	15,512	14,212	17,012
Rent	15,620	13,250	13,250	7,250
Employee Development	25,574	42,574	39,807	42,574
Central Office Common	38,930	58,665	51,861	59,490
Capital Outlay	102,559	150,000	150,000	50,000
TOTAL	\$ 3,071,828	\$ 3,577,408	\$ 3,465,156	\$ 3,442,932

CENTRAL OFFICE COMMON

Description

Central Office Common consists of materials, supplies, and building and equipment maintenance costs necessary to operate the Central Office facility in Waco. These expenses cannot be directly attributed to any Central Office department and are therefore distributed among the departments that occupy the Central Office, based on the number of employees in each department.

-  Continue to support F&A with preparation and logistics for the Brazos River Authority (BRA) auctions of surplus items.
-  Continue providing support with maintenance contracts and building services (HVAC, landscaping, fire alarms, etc.).
-  Continue administering routine building operations and maintenance.

Accomplishments for 2024

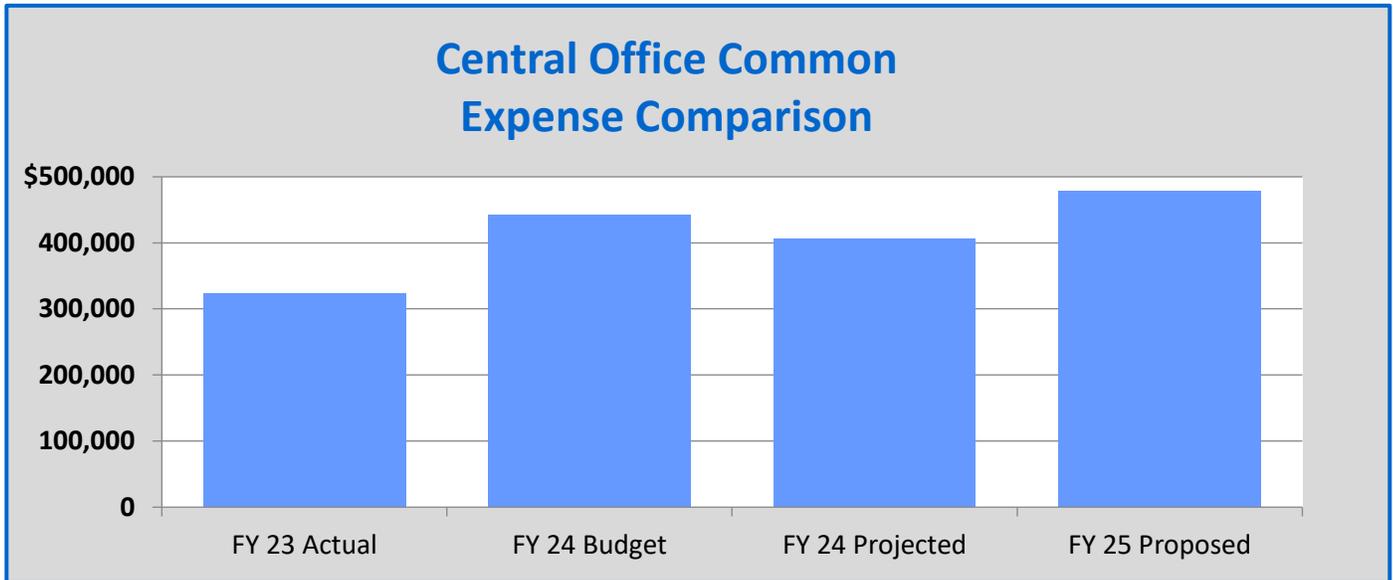
-  Updated bathroom surfaces and sinks throughout the Central Office.
-  Provided support for future security upgrades at the Central Office.
-  Continued supporting Finance and Administration (F&A) on surplus items and auctions.
-  Continued supporting building maintenance contracts and services.
-  Continued administering routine building operations and maintenance.

Significant Changes/Comments

Support the new Environmental Building and Facilities.

Objectives for 2025

-  Replace kitchen surfaces and faucets.
-  Review and support modification of offices to provide additional occupancy to support a growing organization.



CENTRAL OFFICE COMMON

Budget	FY 2023 Actual	FY 2024 Budget	FY 2024 Projected	FY 2025 Proposed
Materials & Supplies	31,574	42,875	35,475	36,975
Utilities	111,945	127,300	115,100	124,550
Outside Services	33,393	36,283	40,553	50,021
Repair & Maintenance	105,027	188,476	168,824	207,476
Travel	145	1,700	1,700	1,700
Rent	7,515	14,868	14,868	10,116
Miscellaneous Operating	10,062	-	-	7,000
Central Office Common Allocation	(323,121)	(441,502)	(406,520)	(477,838)
Capital Outlay	23,461	30,000	30,000	40,000
TOTAL	\$ -	\$ -	\$ -	\$ -



Brazos River Authority

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CAPITAL IMPROVEMENT PROJECTS



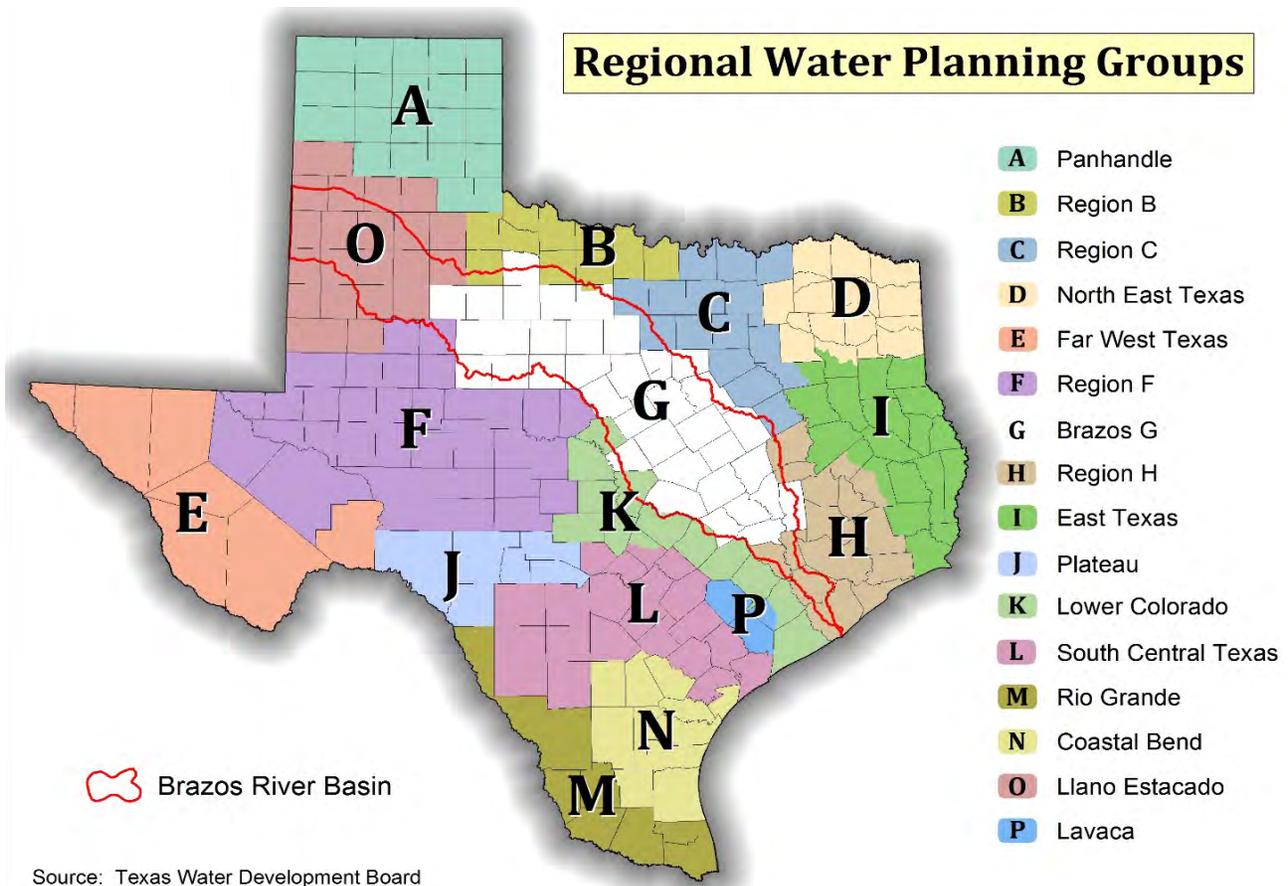
Brazos River Authority

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Capital Projects and Long Range Planning

The State of Texas has adopted a 50 year horizon for water resource planning as prescribed in Senate Bill 1 which was passed in 1997. This legislation provides the framework for the State Water Plan, which is updated every five years. The State Water Plan seeks to provide options and solutions for the projected water needs of Texas by compiling input from the sixteen regional water planning groups within the state. The Brazos River basin falls within three of the planning regions; Region G, Region H and Region O.



In order to complement the state's planning efforts, the Brazos River Authority (BRA) has also adopted a 50 year term for long range planning. The BRA's Long Range Plan includes recurring annual O&M expenses as well as specific project costs. The O&M expenses are based on the current O&M budget and are adjusted for each future year using category specific inflators, the effects of asset acquisition or divestiture, and forecasts and predictions about future events. A presentation of the Five-Year Forecast from the Long Range Plan is located on page 3-24. The projects included in the long range plan address not only the creation of new water sources to meet the growing demand in support of the State Water Plan, but also the maintenance of existing BRA infrastructure and the creation of new infrastructure.

Capital Improvement Budget Process

The goal of the Capital Improvement Plan (CIP) is to maintain the Brazos River Authority's (BRA's) physical infrastructure at a level adequate to protect the BRA's capital investment, minimize future maintenance and replacement costs, and provide expansion to meet the long-term needs of the basin.

The process for Capital Improvement Plan budgeting is meant to be dynamic in order to respond to any changes in circumstances related to the projects while still maintaining adequate internal control.



Project Budget Worksheets

The information that is needed to compile the CIP Budget is captured in individual Project Budget Worksheets (PBW's). The Project Budget Worksheets are referred to collectively as the Project Inventory. The Project Managers are responsible for making sure that the information contained in the Project Budget Worksheet is accurate.

CIP Budget Timeline

- December** A list of all projects and the corresponding Project Managers is distributed to staff for review. Any projects that need to be removed from the list or any changes to the assigned Project Manager should be reported to Finance & Administration. Staff is also given the opportunity to submit any new projects that need to be considered as additions to the Project Inventory.
- January** Project Managers/Engineers are given the opportunity to update the Project Budget Worksheets for existing projects, including changes to budgets and timelines, and to submit Project Budget Worksheets for proposed new projects.
- February** Finance & Administration reviews the Project Budget Worksheets and creates a summary report and presentation for the BRA Risk Management Committee.

- March** Finance & Administration makes a presentation to the BRA Risk Management Committee on the proposed Capital Improvement Project budget which includes:
- a) Estimated total expenditures for projects that are expected to be completed in the current fiscal year.
 - b) A list of any projects that were removed from the Project Inventory.
 - c) Projected actual expenditures versus budget for all projects with activity in the current fiscal year.
 - d) The proposed projects' budget for the upcoming fiscal year.
- April/May** The proposed projects budget is incorporated into the Annual Operating Plan (AOP) and the Long Range Financial Plan.
- July** The Annual Operating Plan is presented to the Board of Directors. The Board of Directors is asked to approve a resolution which includes setting the dollar amount of the Capital Improvement Project Budget for the upcoming fiscal year.

Project Updates

Once the AOP has been approved by the Board of Directors, the final versions of the PBW's are posted to a SharePoint site on BRA's intranet for reference during the fiscal year. Project Managers are encouraged to provide updates to the PBW's whenever significant changes occur to the project. All PBW's in the Project Inventory are updated during the annual budget process, as described above, to reflect the most current information about the project.

Budget Approval/Amendments

The Board of Directors approves the total Capital Improvement Plan expenditure for each fiscal year. From time to time unforeseen circumstances such as weather conditions, supply delays, or unanticipated complications may require the budget to be amended. Sometimes the amendments are needed to accommodate timing differences, while not affecting the overall project budget. Conditions may cause a project schedule to be accelerated or delayed, which means the anticipated cash flows for the project may not be in the fiscal year that they are needed. Other times, the amendments require the total project budget to be adjusted to reflect updated cost estimates. The cost estimates for a project may increase or decrease due to changes in the scope of the project or actual bid proposals coming in higher than anticipated in the original budget. If an amendment is needed to the project budget, it is presented to the Board of Directors for approval at one of their meetings.

Reporting

The quarterly budget report that is presented to the Board of Director's includes a section on Capital Projects. This section presents actual performance against the capital budget for the current year, as well as inception to date actual expenditures versus the total project budget. Any budget amendments that have been approved by the Board of Directors during the fiscal year are noted on the report. Once this report has been presented to the Board, it is then posted to the BRA website for general access.

The Finance & Administration department prepares a monthly summary report for all projects and posts on the BRA intranet for staff reference. Project Managers have the ability to access detail or summary financial reports for each project on an as needed basis through the BRA's enterprise financial software system. These reports can be filtered to look at specific time periods or categories within a project, or they can be expanded to look at multiple projects in a single report.

Project Classifications & Types

In order to summarize and analyze the information related to the many projects in the Brazos River Authority (BRA) project inventory, each project is given multiple classifications that allows it to be sorted into different groups as needed for presentation and analysis. The classifications focus on: the location of the project, the funding source for the project, and the type of project.

Project Locations

Primary Location indicates if a project is located; within one of the BRA regional basins, at the BRA Central Office facility in Waco, in a location that benefits the entire basin, or has no specific location.

Secondary Location indicates if a project is located at a specific site or overseen by a specific department. If neither condition applies, the Secondary Location is listed as "Other".

The Primary Location of a project is indicated by the first character set in the project name, the Secondary Location is indicated by the second character set. An index of these character sets is presented below:

1st Character Set	2nd Character Set
UB-Upper Basin	PK - Possum Kingdom
	LG - Lake Granbury
	OT - Other
CB - Central Basin	TB - Temple Belton
	DF - Doshier Farm
	HU - Hutto
	SC - Sandy Creek
	EW - East Williamson County Regional Water System
	WCR - Williamson County Regional Pipeline
	WH - Lake Whitney
	AQ - Lake Aquilla
	BE - Lake Belton
	ST - Lake Stillhouse
	GR - Lake Granger
OT - Other	
LB - Lower Basin	LL - Lake Limestone
	AC - Allens Creek
	CL - Clute/Richwood
	LS - Lake Somerville
	SL - Sugar Land
OT - Other	
BW - Basin Wide	TS - Technical Services
	WS - Water Services
	ES - Environmental Services
	IT - Information Technology
	FA - Finance and Administration
	SP - Special Projects & Strategic Initiatives
	OS - Office of Security
OT - Other	
CO - Central Office	TS - Technical Services
	WS - Water Services
	ES - Environmental Services
	IT - Information Technology
	FA - Finance and Administration
	SP - Special Projects & Strategic Initiatives
	OS - Office of Security
OT - Other	

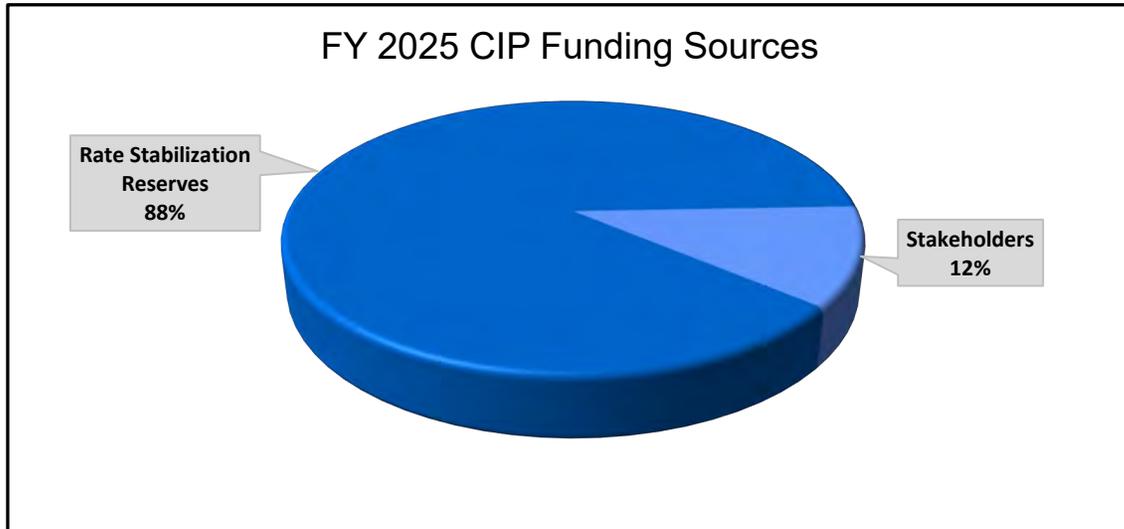
Project Types

All projects are also identified by type. A project type is assigned based on the goal of the project. Below is a current listing of project types, along with a short definition:

- Infrastructure Maintenance** - Rehabilitation or upgrade of existing BRA infrastructure facilities.
- New Infrastructure** - The acquisition or construction of new infrastructure that does not add to the available water resources in the basin.
- New Water** - Efforts that increases the amount of water resources available in the basin.
- Studies/Assessments** - Activities which are undertaken to study, evaluate, or add to the knowledge base of a particular issue.
- Technology** - Major upgrades or replacements to the BRA technology infrastructure.
- Water Quality** - Undertaking to assess, identify, quantify, or mitigate the effects of natural or man-made conditions that may pose a risk to water quality.
- Water Distribution** - Efforts that increase the efficiency and quality of the water distribution services available to the basin customers.

Capital Improvement Plan Funding

The Brazos River Authority (BRA) seeks to fund projects in the most cost efficient manner possible. This includes using a variety of different funding sources, including external funding from grants and stakeholders when feasible and available. The BRA uses the Long Range Financial Planning model to determine the best mix of funding sources. The following graph shows that 88% of the BRA's CIP funding in FY 2025 will come from Rate Stabilization Reserves and 12% will come from stakeholders.



BRA Funding Sources

BRA Current Revenues

The BRA may use current revenues, including System Rate Water Sales, to fund some projects.

BRA Rate Stabilization Reserves

Rate Stabilization Reserves are reserves that are in excess of any required reserve amounts. For details, refer to the Five Year Financial Forecast on page 3-24. This category of reserve is utilized to help pay for projects in lieu of issuing debt.

Bonds/Debt

When other means of project funding are unavailable or insufficient, the BRA will issue debt to finance projects. The debt may be either regular open market revenue bonds or, if available, Texas Water Development Board funding.

External Funding Sources

Grants

When feasible, the BRA will seek out grant funding to help defray the costs of the project.

Stakeholder Funding

BRA may seek to partner with other stakeholders who would benefit from the project to help provide funding.

**FY 2025 CIP Budget
Project Index
Alphabetical by Project Name**

Project Name	Project Type	Basin Location	Page #
Allens Creek Reservoir	New Water	Lower Basin	13-28
Belhouse Drought Preparedness	New Infrastructure	Central Basin	13-22
Environmental Services Building	New Infrastructure	Central Office	13-27
EWCRWS 48 inch Treated Water Pipeline	New Infrastructure	Central Basin	13-23
EWCRWS Expansion Phase II	New Infrastructure	Central Basin	13-24
EWCRWS Trinity Well #1 Infrastructure	Infrastructure Maintenance	Central Basin	13-25
Lake Granbury Low Flow Facilities	Infrastructure Maintenance	Upper Basin	13-32
Lake Granbury Stoplog Replacement System	Infrastructure Maintenance	Upper Basin	13-33
Lake Limestone Low Flow Facility Modifications & Improvements	Infrastructure Maintenance	Lower Basin	13-29
Lake Limestone Hydrostatic Relief System Assessment & Replacement	Infrastructure Maintenance	Lower Basin	13-30
Lake Limestone Tainter Gate Replacement and Improvements	Infrastructure Maintenance	Lower Basin	13-31
Possum Kingdom Bay #9 Weir Box	Infrastructure Maintenance	Upper Basin	13-34
Possum Kingdom Flow Control Gate Replacement	Infrastructure Maintenance	Upper Basin	13-35
Possum Kingdom Spillway Pump and Piping	Infrastructure Maintenance	Upper Basin	13-36
WCRRWL Phase 3 Pumps	Water Distribution	Central Basin	13-26

**FY 2025 CIP Budget
Project Index
By Basin Location**

Project Name	Project Type	Basin Location	Page #
Belhouse Drought Preparedness	New Infrastructure	Central Basin	13-22
EWCRRS 48 inch Treated Water Pipeline	New Infrastructure	Central Basin	13-23
EWCRRS Expansion Phase II	New Infrastructure	Central Basin	13-24
EWCRRS Trinity Well #1 Infrastructure	Infrastructure Maintenance	Central Basin	13-25
WCRRWL Phase 3 Pumps	Water Distribution	Central Basin	13-26
Environmental Services Building	New Infrastructure	Central Office	13-27
Allens Creek Reservoir	New Water	Lower Basin	13-28
Lake Limestone Hydrostatic Relief System Assessment & Replacement	Infrastructure Maintenance	Lower Basin	13-30
Lake Limestone Low Flow Facility Modifications & Improvements	Infrastructure Maintenance	Lower Basin	13-29
Lake Limestone Tainter Gate Replacement and Improvements	Infrastructure Maintenance	Lower Basin	13-31
Lake Granbury Low Flow Facilities	Infrastructure Maintenance	Upper Basin	13-32
Lake Granbury Stoplog Replacement System	Infrastructure Maintenance	Upper Basin	13-33
Possum Kingdom Bay #9 Weir Box	Infrastructure Maintenance	Upper Basin	13-34
Possum Kingdom Flow Control Gate Replacement	Infrastructure Maintenance	Upper Basin	13-35
Possum Kingdom Spillway Pump and Piping	Infrastructure Maintenance	Upper Basin	13-36

**FY 2025 CIP Budget
Project Index
By Project Type**

Project Name	Project Type	Basin Location	Page #
EWCRWS Trinity Well #1 Infrastructure	Infrastructure Maintenance	Central Basin	13-25
Lake Granbury Low Flow Facilities	Infrastructure Maintenance	Upper Basin	13-32
Lake Granbury Stoplog Replacement System	Infrastructure Maintenance	Upper Basin	13-33
Lake Limestone Hydrostatic Relief System Assessment & Replacement	Infrastructure Maintenance	Lower Basin	13-30
Lake Limestone Low Flow Facility Modifications & Improvements	Infrastructure Maintenance	Lower Basin	13-29
Lake Limestone Tainter Gate Replacement and Improvements	Infrastructure Maintenance	Lower Basin	13-31
Possum Kingdom Bay #9 Weir Box	Infrastructure Maintenance	Upper Basin	13-34
Possum Kingdom Flow Control Gate Replacement	Infrastructure Maintenance	Upper Basin	13-35
Possum Kingdom Spillway Pump and Piping	Infrastructure Maintenance	Upper Basin	13-36
Belhouse Drought Preparedness	New Infrastructure	Central Basin	13-22
Environmental Services Building	New Infrastructure	Central Office	13-27
EWCRWS 48 inch Treated Water Pipeline	New Infrastructure	Central Basin	13-23
EWCRWS Expansion Phase II	New Infrastructure	Central Basin	13-24
Allens Creek Reservoir	New Water	Lower Basin	13-28
WCRRWL Phase 3 Pumps	Water Distribution	Central Basin	13-26



Brazos River Authority

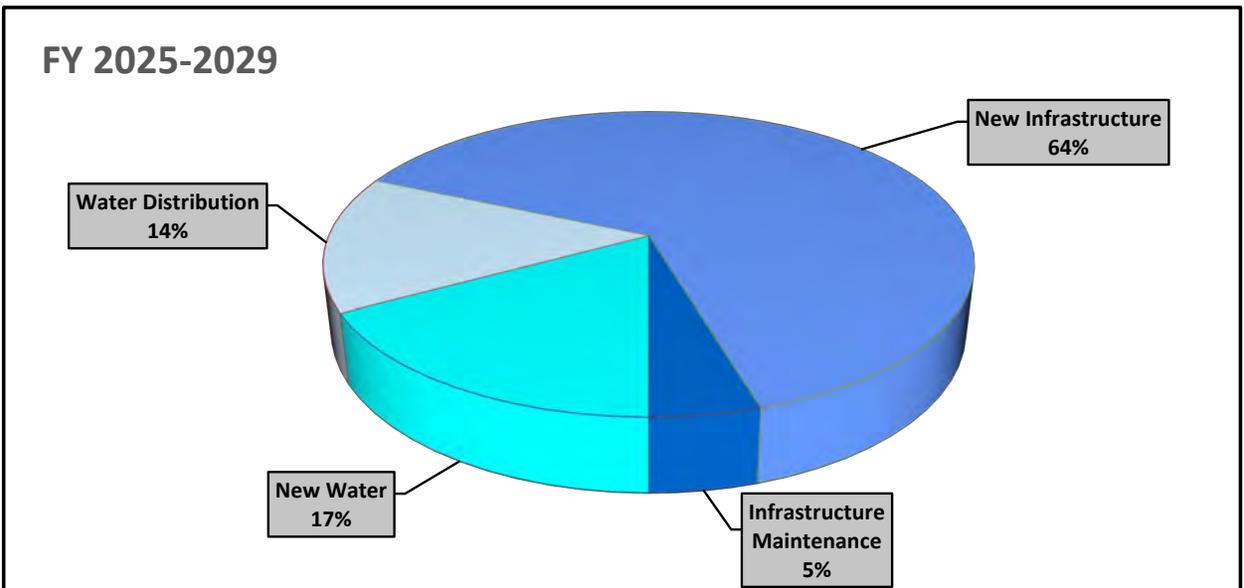
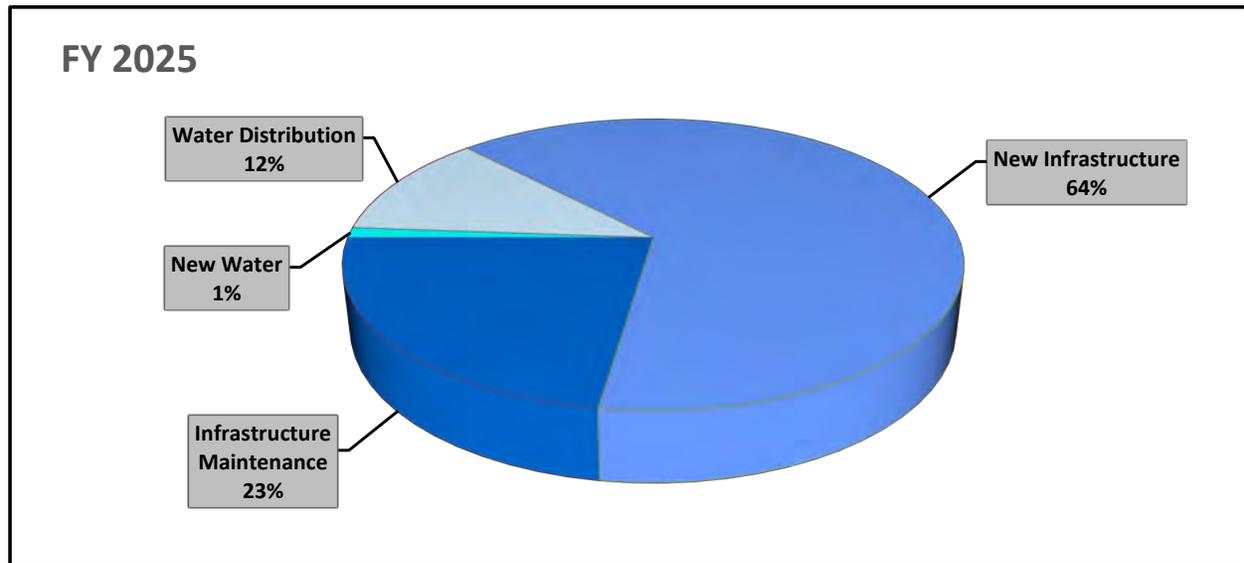
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Projects Summaries by Type

The chart and graphs below demonstrate that the main focus of the Brazos River Authority's (BRA) Capital Improvement Projects over the next five years will be the development of new water sources. This reflects the BRA's commitment to meeting the anticipated future needs of the basin. Considerable funding is also allocated to Infrastructure Maintenance. The BRA's three dams range in age from 45 to 82 years, and all three structures have a series of repair and rehabilitation projects planned over the next five years.

Type	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Budget amounts in 000's					
New Water	\$ 500	\$ 14,000	\$ 16,500	\$ 16,500	\$ 16,500
Water Distribution	5,042	12,587	22,214	14,725	-
New Infrastructure	27,807	59,024	74,914	57,780	20,000
Infrastructure Maintenance	9,762	1,921	1,383	1,003	3,343
Total	\$ 43,111	\$ 87,532	\$ 115,011	\$ 90,008	\$ 39,843



FY 2024 CIP Budgets vs. Estimated Actual

Project Name	FY 2024 Annual Budget (in 000's)			FY 2024 Estimated Actual (in 000's)			FY 2024 \$ Over/(Under) Budget	FY 2024 % Over/(Under) Budget
	Bonds/ Grants/ Stakeholder Funding	Reserves	Total Annual Budget	Bonds/ Grants/ Stakeholder Funding	Reserves	Total Estimated Actual		
Upper Basin								
UB-LG-Buttress 1 and 44 Repairs	\$ -	\$ 302	\$ 302	\$ -	\$ -	\$ -	\$ (302)	-100%
UB-LG-Low Flow Facilities	-	1,000	1,000	-	10	10	(990)	-99%
UB-LG-Stoplog Replacement System	-	450	450	-	200	200	(250)	-56%
UB-PK-Bay #9 Weir Box	-	200	200	-	5	5	(195)	-98%
UB-PK-Flow Control Gate Replacement	-	1,528	1,528	-	700	700	(828)	-54%
UB-PK-Spillway Pump and Piping	-	3,071	3,071	-	2,500	2,500	(571)	-19%
Central Basin								
CB-BE-Belhouse Drought Preparedness	-	7,953	7,953	-	20	20	(7,933)	-100%
CB-EW-EWC WTP Intake Slope Stabilization	-	450	450	-	122	122	(328)	-73%
CB-EW-EWCRWS Expansion Phase II	-	8,412	8,412	-	7,302	7,302	(1,110)	-13%
CB-WCR-WCRRWL Copper Ion Generator	1,846	-	1,846	1,846	-	1,846	-	0%
CB-WCR-WCRRWL Phase 3 Pumps	3,012	-	3,012	572	-	572	(2,440)	-81%
Lower Basin								
LB-LL-Hydrostatic Relief System Assessment & Replacement	-	650	650	-	-	-	(650)	-100%
LB-LL-Low Flow Facility Modifications & Improvements	-	513	513	-	20	20	(493)	-96%
LB-LL-Tainter Gate Replacement and Improvements	-	8,202	8,202	-	6,406	6,406	(1,796)	-22%
LB-LL-Park 5 Access Pier and Park Upgrades	-	1,200	1,200	-	400	400	(800)	-67%
LB-AC-Allens Creek Reservoir	-	4,000	4,000	-	300	300	(3,700)	-93%
Basin Wide								
CO-ES-Environmental Services Building	-	4,885	4,885	-	2,000	2,000	(2,885)	-59%
Total	\$ 4,858	\$ 42,816	\$ 47,674	\$ 2,418	\$ 19,985	\$ 22,403	\$ (25,271)	-53%

**Total Costs - All Capital Improvement Projects
50 Year Forecast**

Title	Expenditures (in 000's)				
	Prior years	2025 thru 2029	2030 thru 2039	2040 thru 2075	Total
BW-WS-COE Pool Rise Construction - Aquilla	\$ -	\$ -	\$ -	\$ 26,442	\$ 26,442
CB-BE-Belhouse Drought Preparedness	2,418	74,901	29,600	-	106,919
CB-BE-Bel-house Intake Pump Replacement	-	-	-	1,550	1,550
CB-EW-EWCRWS 27 Inch Treated Water Line Replacement	-	-	-	35,000	35,000
CB-EW-EWCRWS Expansion Phase II	8,258	153,907	-	-	162,165
CB-EW-EWCRWS Expansion Phase III	-	-	60,000	-	60,000
CB-EW-EWCRWS High Service Pumps Replacement	-	-	2,200	2,200	4,400
CB-EW-EWCRWS Intake Pavement Replacement	-	-	515	-	515
CB-EW-EWCRWS Raw Water Intake Pumps Replacement	-	-	-	2,900	2,900
CB-EW-EWCRWS Terminal Storage Pump Replacement	-	-	1,450	2,550	4,000
CB-GR-Lake Granger Intake Future Expansion	-	-	600	-	600
CB-OT-Trinity Groundwater	7,229	-	5,000	10,000	22,229
CB-WCR-WCRRWL Copper Ion Generator	2,488	-	-	500	2,988
CB-WCR-WCRRWL Phase 3 Pumps	1,905	54,568	-	1,500	57,973
CB-WH-Lake Whitney Reallocation Construction	-	-	90,000	-	90,000
CO-ES-Environmental Services Building	3,275	10,317	-	-	13,592
CO-TS-Parking Lot Pavement Assessment & Repair	98	-	500	1,000	1,598
LB-AC-Allens Creek Reservoir	68,826	64,000	567,500	-	700,326
LB-LL-Hydrostatic Relief System Assessment & Replacement	619	5,308	911	2,700	9,538
LB-LL-Low Flow Facility Modifications & Improvements	44	355	8,877	11,000	20,276
LB-LL-Park 5 Access Pier and Park Upgrades	819	400	-	1,600	2,819
LB-LL-Road Repairs & Improvements	-	-	1,575	-	1,575
LB-LL-Tainter Gate Recoating	-	-	-	3,600	3,600
LB-LL-Tainter Gate Replacement and Improvements	20,840	4,074	-	26,000	50,914
LB-LL-Tainter Gate Stoplog Replacement	-	-	-	1,700	1,700
LB-LL-Upstream Embankment Construction	-	-	14,495	-	14,495
LB-LS-Lake Somerville Augmentation Construction	-	-	-	515,000	515,000
UB-LG-Buttress 1 and 44 Repairs	724	-	352	-	1,076
UB-LG-Low Flow Facilities	5,885	2,000	-	-	7,885
UB-LG-Office/Maintenance Complex Replacement	-	-	-	2,250	2,250
UB-LG-Rip Rap Repair	-	500	5,500	-	6,000
UB-LG-Road Repair	881	-	500	-	1,381
UB-LG-RSMU Building	-	-	2,600	-	2,600
UB-LG-Stoplog Replacement System	853	1,942	-	-	2,795
UB-LG-Tainter Gate Recoating	-	-	5,500	5,500	11,000
UB-LG-Tainter Gate Replacement	-	-	69,000	23,000	92,000
UB-LG-Tainter Gate Transmission System Modifications	-	-	15,280	15,280	30,560
UB-PK-Bay #9 Weir Box	55	461	-	-	516
UB-PK-COC Head Gate and Hoist Replacement	-	-	-	1,000	1,000
UB-PK-COC Ring Jet Valve Replacement	-	-	3,500	-	3,500
UB-PK-Flow Control Gate Replacement	1,435	2,201	-	-	3,636
UB-PK-Low Flow/Sluice Gate Replacement	-	-	-	1,000	1,000
UB-PK-North/South Bank Reconstruction	-	-	11,750	-	11,750
UB-PK-Project Buildings Replacement	-	-	2,800	-	2,800
UB-PK-Spillway Pump and Piping	3,000	571	-	-	3,571
UB-PK-Stairwells Replacement	-	-	-	750	750
Totals	\$ 129,652	\$ 375,505	\$ 900,005	\$ 694,022	\$ 2,099,184

Capital Improvement Projects with Activity in FY 2025
Five-Year Detail (in 000's)

Project Name	Project Type	Total Project Budget 08/31/2023	Budget Funding Changes	Total Proposed Project Budget	Life-to-date Expenditures 08/31/2024	Total Project Budget Balance at 9/1/2024
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Basin Wide/Central Office

CO-ES-Environmental Services Building	New Infrastructure	\$ 12,653	\$ 939	\$ 13,592	\$ 3,275	\$ 10,317
Subtotal		\$ 12,653	\$ 939	\$ 13,592	\$ 3,275	\$ 10,317

Lower Basin

LB-AC-Allens Creek Reservoir	New Water	\$ 700,524	\$ (198)	\$ 700,326	\$ 68,826	\$ 631,500
LB-LL-Low Flow Facility Modifications & Improvements	Infrastructure Maintenance	20,932	(656)	20,276	44	20,232
LB-LL-Hydrostatic Relief System Assessment & Replacement	Infrastructure Maintenance	9,332	206	9,538	619	8,919
LB-LL-Tainter Gate Replacement and Improvements	Infrastructure Maintenance	36,058	14,856	50,914	20,840	30,074
Subtotal		\$ 766,846	\$ 14,208	\$ 781,054	\$ 90,329	\$ 690,725

Central Basin

CB-BE-Belhouse Drought Preparedness	New Infrastructure	\$ 87,342	\$ 19,577	\$ 106,919	\$ 2,418	\$ 104,501
CB-EW-EWCRWS 48" Treated Water Pipeline	New Infrastructure	-	38,466	38,466	1,273	37,193
CB-EW-EWCRWS Expansion Phase II	New Infrastructure	342,954	(234,911)	108,043	5,693	102,350
CB-EW-Trinity Well #1 Infrastructure	New Infrastructure	-	15,656	15,656	1,292	14,364
CB-WCR-WCRRWL Phase 3 Pumps	Water Distribution	35,192	22,781	57,973	1,905	56,068
Subtotal		\$ 465,488	\$ (138,431)	\$ 327,057	\$ 12,581	\$ 314,476

Upper Basin

UB-LG-Low Flow Facilities	Infrastructure Maintenance	\$ 6,818	\$ 1,067	\$ 7,885	\$ 5,885	\$ 2,000
UB-LG-Stoplog Replacement System	Infrastructure Maintenance	2,795	-	2,795	853	1,942
UB-PK-Bay #9 Weir Box	Infrastructure Maintenance	494	22	516	55	461
UB-PK-Flow Control Gate Replacement	Infrastructure Maintenance	3,268	368	3,636	1,435	2,201
UB-PK-Spillway Pump and Piping	Infrastructure Maintenance	3,719	(148)	3,571	3,000	571
Subtotal		\$ 17,094	\$ 1,309	\$ 18,403	\$ 11,228	\$ 7,175

Total Capital Improvement Projects

\$ 1,262,081	\$ (121,975)	\$ 1,140,106	\$ 117,413	\$ 1,022,693
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Capital Improvement Projects with Activity in FY 2025
Five-Year Detail (in 000's)

Project Name	Proposed FY 25 Total	Proposed FY 26 Total	Proposed FY 27 Total	Proposed FY 28 Total	Proposed FY 29 Total	FY 30 & Beyond
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Basin Wide/Central Office

CO-ES-Environmental Services Building	\$ 10,317	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ 10,317	\$ -				

Lower Basin

LB-AC-Allens Creek Reservoir	\$ 500	\$ 14,000	\$ 16,500	\$ 16,500	\$ 16,500	\$ 567,500
LB-LL-Low Flow Facility Modifications & Improvements	355	-	-	-	-	19,877
LB-LL-Hydrostatic Relief System Assessment & Replacement	500	371	883	711	2,843	3,611
LB-LL-Tainter Gate Replacement and Improvements	4,074	-	-	-	-	26,000
Subtotal	\$ 5,429	\$ 14,371	\$ 17,383	\$ 17,211	\$ 19,343	\$ 616,988

Central Basin

CB-BE-Belhouse Drought Preparedness	\$ 5,063	\$ 6,250	\$ 23,588	\$ 20,000	\$ 20,000	\$ 29,600
CB-EW-EWCRWS 48" Treated Water Pipeline	2,114	5,000	12,052	18,027	-	-
CB-EW-EWCRWS Expansion Phase II	4,279	39,044	39,274	19,753	-	-
CB-EW-Trinity Well #1 Infrastructure	6,034	8,330	-	-	-	-
CB-WCR-WCRRWL Phase 3 Pumps	5,042	12,587	22,214	14,725	-	1,500
Subtotal	\$ 22,532	\$ 71,211	\$ 97,128	\$ 72,505	\$ 20,000	\$ 31,100

Upper Basin

UB-LG-Low Flow Facilities	\$ 2,000	\$ -	\$ -	\$ -	\$ -	\$ -
UB-LG-Stoplog Replacement System	500	650	500	292	-	-
UB-PK-Bay #9 Weir Box	461	-	-	-	-	-
UB-PK-Flow Control Gate Replacement	1,301	900	-	-	-	-
UB-PK-Spillway Pump and Piping	571	-	-	-	-	-
Subtotal	\$ 4,833	\$ 1,550	\$ 500	\$ 292	\$ -	\$ -

Total Capital Improvement Projects	\$ 43,111	\$ 87,132	\$ 115,011	\$ 90,008	\$ 39,343	\$ 648,088
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Brazos River Authority

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Impact on Future Operating Budgets

As part of the long term financial planning process of the Brazos River Authority (BRA), the annual financial impacts on the operating budget that are created with the completion or acquisition of each new project are taken into consideration. The evaluation process for each project includes capturing information about expanded facility capacity, additional revenues that may be generated, additional operating costs and staffing levels, additional debt service payments, or operational savings/efficiencies.

The table below represents a summary of the operational impacts of the projects on the BRA's five-year financial forecast. Details of these revenue/expenses can be found on the individual project description sheets. Operating impacts on the current year, FY 2025, are already included in the Annual Operating Plan (AOP).

		FY 2026	FY 2027	FY 2028	FY 2029
Revenues					
None identified		-	-	-	-
Total Revenues		\$ -	\$ -	\$ -	\$ -
Operating Expenses					
EWC Intake Slope Stabilization	Tree mitigation maintenance	25,000	-	-	-
Environmental Services Building	O&M costs for new building	30,000	30,000	30,000	30,000
Total Expenses		\$ 55,000	\$ 30,000	\$ 30,000	\$ 30,000
Net Financial Demand		\$ 55,000	\$ 30,000	\$ 30,000	\$ 30,000



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FY 2025 CAPITAL
IMPROVEMENT PROJECTS
DETAIL SHEETS

CB-BE-Belhouse Drought Preparedness

Description:

In 2005, the BRA authorized additional water supply contracts from Lakes Belton and Stillhouse Hollow to meet future demands. To meet these demands during dry times, a raw water transfer system is required to manage this portion of the water supply system to increase supplies to the region. The raw water transfer system will consist of multiple components, including an intake and pump station at Lake Belton, an outlet at Stillhouse Hollow Lake, and a transmission pipeline between the lakes. Development of the transfer system will occur in multiple phases to carefully address project risk and to ensure the project configuration can be implemented in a cost-effective manner.

Primary Location: Central Basin
Secondary Location: Lake Belton
Project Type: New Infrastructure

Outside Funding Source: n/a
BRA Funding Source: Reserves/Debt
Strategic Plan Reference: 1 - c
Capital(CIP) or Operating(OP): CIP

Financial Plan (in thousands of dollars):

	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	2,398	7,953	20	5,063	6,250	23,588	20,000	20,000	29,600	106,919
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	2,398	7,953	20	5,063	6,250	23,588	20,000	20,000	29,600	106,919
Sources of BRA Funding:										
Current Revenues	-	-	-	-	-	-	-	-	-	-
Reserves	2,398	7,953	20	5,063	-	-	-	-	-	7,481
Debt	-	-	-	-	6,250	23,588	20,000	20,000	29,600	99,438

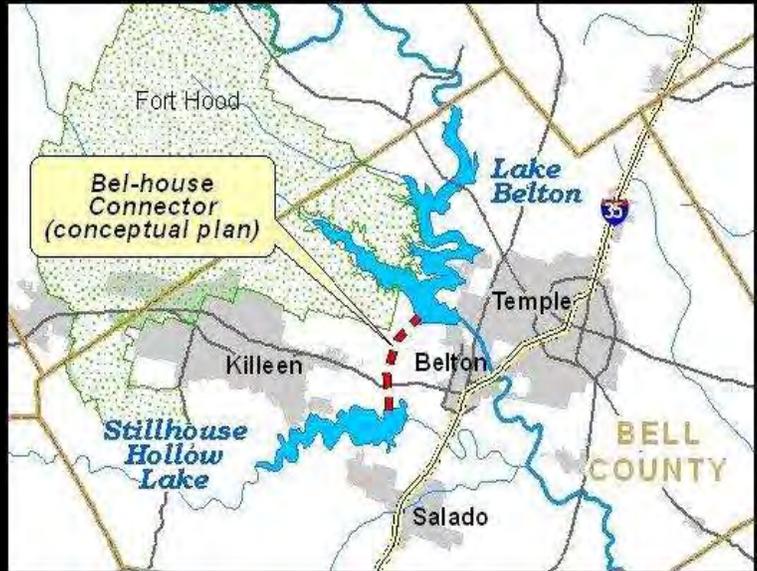
Estimated Project Costs (000):

	FY 25	Project Total
BRA Staff Time	\$ -	\$ 50
Construction	-	86,520
Contingency	-	-
Design/Engineering	4,000	5,275
Equipment	-	-
Infrastructure Acquisition	-	-
Land Easement/Acquisition	1,063	13,500
Legal	-	-
Other	-	-
Surveying	-	-
Testing/Environmental	-	1,574
Total	\$ 5,063	\$ 106,919

Operating Impacts (000):

	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-

Explanation:



Pictured above: Conceptual plan of pipeline

Project Schedule:

FY24	Contract and begin design phase
FY25-26	Easement acquisition and design
FY27	Begin construction phase
FY29	Complete construction

Notes:

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CB-EW-EWCRWS 48" Treated Water Pipeline

Description: As part of the East Williamson County Regional Water System expansion project, a parallel treated water pipeline will be constructed to increase delivery capacity and create redundancy. This pipeline will primarily deliver treated water to Jonah Water Special Utility District and Lone Star Regional Water Authority at the customer take points near the plant.

Primary Location: Central Basin
Secondary Location: EWCRWS
Project Type: New Infrastructure

Outside Funding Source: n/a
BRA Funding Source: Reserves/Debt
Strategic Plan Reference: II-c
Capital(CIP) or Operating(OP): CIP

Financial Plan (in thousands of dollars):

	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	-	1,525	1,273	2,114	5,000	12,052	18,027	-	-	38,466
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	-	1,525	1,273	2,114	5,000	12,052	18,027	-	-	38,466
Sources of BRA Funding:										
Current Revenues	-	-	-	-	-	-	-	-	-	-
Reserves	-	1,525	1,273	2,114	5,000	-	-	-	-	8,387
Debt	-	-	-	-	-	12,052	18,027	-	-	30,079

Estimated Project Costs (000):

	FY 25	Project Total
BRA Staff Time	\$ -	\$ -
Construction	-	32,936
Contingency	-	-
Design/Engineering	501	1,966
Equipment	-	-
Infrastructure Acquisition	-	-
Land Easement/Acquisition	1,523	3,047
Legal	-	-
Other	-	-
Surveying	54	409
Testing/Environmental	36	108
Total	\$ 2,114	\$ 38,466

Operating Impacts (000):

	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-

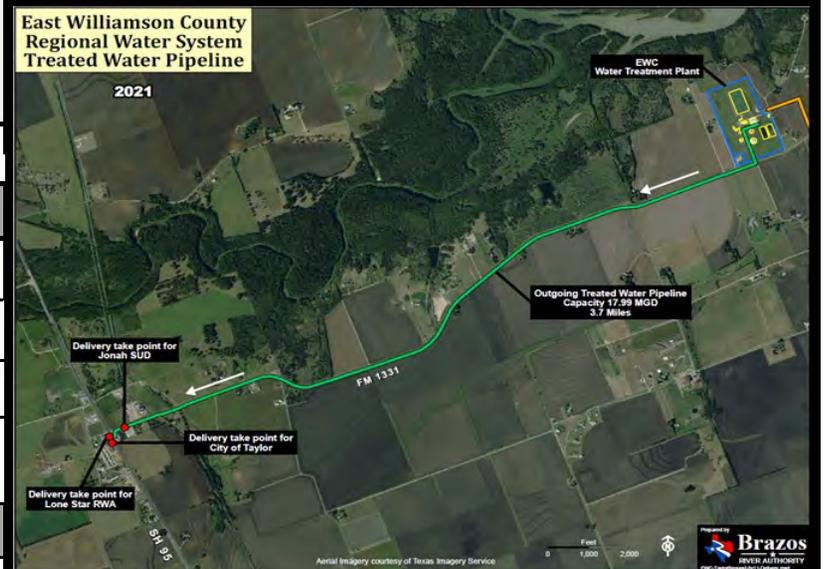
Explanation:

Project Schedule:

FY 24	Design/Engineering - Begin land acquisition
FY25	Design/Engineering - Continue land acquisition
FY26	Complete design and land acquisition. Begin construction
FY27	Complete construction by end of FY

Notes:

This project is a breakout of the EWC Expansion Phase II project



Pictured above: Proposed 48 in. pipeline alignment

CB-EW-EWCRWS Expansion Phase II (to 27.8 MGD)

Description: The East Williamson County Water Treatment Plant was expanded to 12.8 mgd in 2009. The design and construction of this expansion will add at least 10MGD of surface water treatment capacity and allow for future expansions.

Primary Location: Central Basin
Secondary Location: EWCRWS
Project Type: New Infrastructure

Outside Funding Source: n/a
BRA Funding Source: Reserves/Debt
Strategic Plan Reference: II-c
Capital(CIP) or Operating(OP): CIP

Financial Plan (in thousands of dollars):										
	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	2,742	3,543	2,951	4,279	39,044	39,274	19,753	-	-	108,043
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	2,742	3,543	2,951	4,279	39,044	39,274	19,753	-	-	108,043
Sources of BRA Funding:										
Current Revenues	-	-	-	-	-	-	-	-	-	-
Reserves	2,742	3,543	2,951	4,279	-	-	-	-	-	9,972
Debt	-	-	-	-	39,044	39,274	19,753	-	-	98,071

Estimated Project Costs (000):			Operating Impacts (000):				
	FY 25	Project Total	FY 25	FY 26	FY 27	FY 28	FY 29
BRA Staff Time	\$ -	\$ 12	-	-	-	-	-
Construction	-	98,070	-	-	-	-	-
Contingency	-	-	-	-	-	-	-
Design/Engineering	4,252	9,631	-	-	-	-	-
Equipment	-	-	-	-	-	-	-
Infrastructure Acquisition	-	-	-	-	-	-	-
Land Easement/Acquisition	-	-	-	-	-	-	-
Legal	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Surveying	-	289	-	-	-	-	-
Testing/Environmental	27	41	-	-	-	-	-
Total	\$ 4,279	\$ 108,043	-	-	-	-	-

Explanation:



Project Schedule:	
FY23	Complete Preliminary Engineering, Scope & Contract for Design, and possibly begin design.
FY24-25	Complete design
FY26-FY28	Construction phase

Notes:
 The original project budget for this was broken down into three projects: this one, 48" Treated Waterline and Trinity Well #1 Infrastructure

Pictured above: East Williamson County Regional Water System (EWCRWS)

CB-EW-Trinity Well #1 Infrastructure

Description: Drilling of the Trinity Well was complete in 2018. Infrastructure is needed to incorporate groundwater into the East Williamson County Regional Water System as an additional water source with the flexibility to convert to Aquifer Storage Recovery at a future time.

Primary Location: Central Basin
Secondary Location: EWCRWS
Project Type: New Infrastructure

Outside Funding Source: n/a
BRA Funding Source: Reserves/Debt
Strategic Plan Reference: I - b
Capital(CIP) or Operating(OP): CIP

Financial Plan (in thousands of dollars):

	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	-	1,544	1,292	6,034	8,330	-	-	-	-	15,656
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	-	1,544	1,292	6,034	8,330	-	-	-	-	15,656
Sources of BRA Funding:										
Current Revenues	-	-	-	-	-	-	-	-	-	-
Reserves	-	1,544	1,292	6,034	8,330	-	-	-	-	15,656
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):

	FY 25	Project Total
BRA Staff Time	\$ -	\$ -
Construction	5,553	12,666
Contingency	-	-
Design/Engineering	439	2,832
Equipment	-	-
Infrastructure Acquisition	-	-
Land Easement/Acquisition	-	-
Legal	-	-
Other	-	-
Surveying	-	34
Testing/Environmental	42	124
Total	\$ 6,034	\$ 15,656

Operating Impacts (000):

	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-

Explanation:

Project Schedule:

FY24	Design/Engineering
FY25	Design/Engineering. Transition to construction
FY26	Complete construction

Notes:



Pictured above: Work on Trinity production well #1

CB-WCR-WCRRWL Phase 3 Pumps

Description: The original construction of the Williamson County Regional Raw Waterline (WCRRWL) intake structure anticipated the need to add additional pumps in the future to fully utilize the capacity of the pipeline. Projected water demands in the 2025-2030 timeframe indicate a need for increased pumping capacity. Additional pumps will maximize the pump station capacity.

Primary Location: Central Basin
Secondary Location: WCRRWL
Project Type: Water Distribution

Outside Funding Source: Stakeholder
BRA Funding Source: n/a
Strategic Plan Reference II-b
Capital(CIP) or Operating(OP): CIP

Financial Plan (in thousands of dollars):

	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	1,333	3,012	572	5,042	12,587	22,214	14,725	-	1,500	57,973
Outside Funding	1,333	3,012	572	5,042	12,587	22,214	14,725	-	1,500	57,973
BRA Funding	-	-	-	-	-	-	-	-	-	-
Sources of BRA Funding:										
Current Revenues	-	-	-	-	-	-	-	-	-	-
Reserves	-	-	-	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):

	FY 25	Project Total
BRA Staff Time	\$ -	\$ 24
Construction	-	34,733
Contingency	-	-
Design/Engineering	5,042	6,692
Equipment	-	-
Infrastructure Acquisition	-	14,650
Land Easement/Acquisition	-	-
Legal	-	-
Other	-	1,874
Surveying	-	-
Testing/Environmental	-	-
Total	\$ 5,042	\$ 57,973

Operating Impacts (000):

	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-

Explanation:

Project Schedule:

FY 2024	Complete condition assessment and begin design phase
FY 2025	Complete design phase
FY 2026 - FY 2028	Complete construction
FY 2045 & FY 2065	Future pump rebuilds or replacements

Notes:



Pictured above: Existing WCRRWL Pumps

CO-ES-Environmental Services Building

Description: The existing Environmental Services laboratory, located within the Central Office building, has grown to a level that insufficient workspace is available. Similarly, Central Office also has insufficient office space to house BRA's growing workforce. This project began with a needs assessment of all Central Office departments, a feasibility study and initial design to determine the site, size, and estimated cost to build a new facility to house the Environmental Laboratory and create needed workspace within the footprint of the existing Central Office Building. Total Project includes design and construction of a new laboratory and storage building for housing Aquatic Scientists boats and equipment on the Central Office property.

Primary Location: Central Office
Secondary Location: Environmental Services
Project Type: New Infrastructure

Outside Funding Source: n/a
BRA Funding Source: Reserves
Strategic Plan Reference: III - a
Capital(CIP) or Operating(OP): CIP

Financial Plan (in thousands of dollars):										
	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	1,275	4,885	2,000	10,317	-	-	-	-	-	13,592
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	1,275	4,885	2,000	10,317	-	-	-	-	-	13,592
Sources of BRA Funding:										
Current Revenues	-	-	-	-	-	-	-	-	-	-
Reserves	1,275	4,885	2,000	10,317	-	-	-	-	-	13,592
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):			Operating Impacts (000):				
	FY 25	Project Total	FY 25	FY 26	FY 27	FY 28	FY 29
BRA Staff Time	\$ -	\$ -					
Construction	8,558	10,317	Revenues	-	-	-	-
Contingency	1,032	1,032	Expenses	-	30	30	30
Design/Engineering	703	1,978					
Equipment	-	-	Explanation: Estimated annual O&M costs for the new buildings.				
Infrastructure Acquisition	-	-					
Land Easement/Acquisition	-	-					
Legal	-	-					
Other	-	200					
Surveying	-	-					
Testing/Environmental	24	65					
Total	\$ 10,317	\$ 13,592					

Project Schedule:	
FY 23	Complete design, advertise RFB, and select contractor.
FY 24	Execute construction contract and begin construction.
FY 25	Complete construction and move into new laboratory.

Notes:



Pictured above: To the left, proposed Environmental Lab & Storage Buildings

LB-AC-Allens Creek Reservoir

Description: This reservoir will provide a new supply of water to the Lower Brazos basin. It will be a “scalping reservoir” in which water will be pumped from the Brazos River during normal and high flow periods for storage in the reservoir and for subsequent use downstream. The firm yield is estimated at 99,650 acre-feet/year. Environmental permitting, mitigation, and engineering design work must be completed prior to construction.

Primary Location: Lower Basin
Secondary Location: Allens Creek
Project Type: New Water

Outside Funding Source: n/a
BRA Funding Source: Reserves/Debt
Strategic Plan Reference: I - a
Capital(CIP) or Operating(OP): CIP

Financial Plan (in thousands of dollars):

	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	68,526	4,000	300	500	14,000	16,500	16,500	16,500	567,500	700,326
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	68,526	4,000	300	500	14,000	16,500	16,500	16,500	567,500	700,326
Sources of BRA Funding:										
Current Revenues	-	-	-	-	-	-	-	-	-	-
Reserves	62,526	4,000	300	500	-	-	-	-	-	63,326
Debt	6,000	-	-	-	14,000	16,500	16,500	16,500	567,500	637,000

Estimated Project Costs (000):

	FY 25	Project Total
BRA Staff Time	\$ -	\$ 2,436
Construction	-	500,000
Contingency	-	20,000
Design/Engineering	500	86,000
Equipment	-	-
Infrastructure Acquisition	-	-
Land Easement/Acquisition	-	9,540
Legal	-	-
Other	-	82,350
Surveying	-	-
Testing/Environmental	-	-
Total	\$ 500	\$ 700,326

Operating Impacts (000):

	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-
Explanation:					

Project Schedule:

FY 23-33	Environmental permitting and engineering design work
FY 33-36	Construction

Notes:

BRA prepared cost amounts based on prior engineering and permitting estimates.



Pictured above: Map of proposed Allens Creek Reservoir Site

LB-LL-Low Flow Facility Modifications & Improvements

Description: Corrosion defects and hydraulic design issues have been observed in past engineering inspections on various components of the low flow facility. In response, repair/replacement of the various low flow facility components (i.e., ball valves, sluice gates, sluice gate operators, low flow piping, bulkheads, etc.) will need to be implemented. In addition, the low flow facility is in need of access improvements to support the safety of personnel while operating and maintaining the facility and new bulkheads will be constructed to support the full dewatering of the low flow facilities.

Primary Location: Lower Basin
Secondary Location: Lake Limestone
Project Type: Infrastructure Maintenance

Outside Funding Source: n/a
BRA Funding Source: Reserves
Rate Stabilization Reserves: II - b
Capital(CIP) or Operating(OP): CIP

Financial Plan (in thousands of dollars):

	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	24	513	20	355	-	-	-	-	19,877	20,276
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	24	513	20	355	-	-	-	-	19,877	20,276
Sources of BRA Funding:										
Current Revenues	-	-	-	-	-	-	-	-	-	-
Reserves	24	513	20	355	-	-	-	-	19,877	20,276
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):

	FY 25	Project Total
BRA Staff Time	\$ -	\$ 9
Construction	-	5,000
Contingency	-	-
Design/Engineering	355	4,267
Equipment	-	-
Infrastructure Acquisition	-	-
Land Easement/Acquisition	-	-
Legal	-	-
Other	-	11,000
Surveying	-	-
Testing/Environmental	-	-
Total	\$ 355	\$ 20,276

Operating Impacts (000):

	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-

Explanation:

Project Schedule:

FY 24	Begin engineering study phase.
FY 25	Complete study phase and develop contract for design
FY 26-27	Design/bid phase & construction contract
FY 28-30	Construction

Notes:

Future years' expenses budgeted for rehab/replacement



Pictured above: Ball valves located in the Right-End Pier Low Flow Facility

LB-LL-Hydrostatic Relief System Assessment & Replacement

Description: The 2012 annual maintenance inspection of Sterling C. Robertson Dam noted that due to the age and material of the piping for the hydrostatic relief system within the embankments and service spillway, it was recommended that a video inspection be conducted to assess the condition of the system. In order to ensure the functionality and/or condition for the entire hydrostatic relief system, the BRA will also pursue an evaluation of the system and instrumentation located within both the embankments and the service spillway. Based off of the recommendation from the evaluation, design and construction may be needed to achieve an additional 40+ years of service life.

Primary Location: Lower Basin
Secondary Location: Lake Limestone
Project Type: Infrastructure Maintenance

Outside Funding Source: n/a
BRA Funding Source: Reserves
Strategic Plan Reference: II - b
Capital(CIP) or Operating(OP): CIP

Financial Plan (in thousands of dollars):										
	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	619	650	-	500	371	883	711	2,843	3,611	9,538
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	619	650	-	500	371	883	711	2,843	3,611	9,538
Sources of BRA Funding:										
Current Revenues	1	-	-	-	-	-	-	-	-	1
Reserves	618	650	-	500	371	883	711	2,843	3,611	9,537
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):			Operating Impacts (000):				
	FY 25	Project Total	FY 25	FY 26	FY 27	FY 28	FY 29
BRA Staff Time	\$ -	\$ 74	-	-	-	-	-
Construction	-	4,265	-	-	-	-	-
Contingency	-	-	-	-	-	-	-
Design/Engineering	500	2,299	-	-	-	-	-
Equipment	-	-	-	-	-	-	-
Infrastructure Acquisition	-	-	-	-	-	-	-
Land Easement/Acquisition	-	-	-	-	-	-	-
Legal	-	-	-	-	-	-	-
Other	-	2,900	-	-	-	-	-
Surveying	-	-	-	-	-	-	-
Testing/Environmental	-	-	-	-	-	-	-
Total	\$ 500	\$ 9,538	Revenues	-	-	-	-
			Expenses	-	-	-	-

Explanation:

Project Schedule:	
FY 23-25	Study Phase
FY 26-27	Design/Engineering and RFB Advertisement
F Y 28-30	Construction

Notes:



Pictured above: Stilling Basin at Sterling C. Robertson Dam

LB-LL-Tainter Gate Replacement and Improvements

Description: Based on an engineering investigation and cost analysis, it was recommended that the five (5) existing Tainter Gates be replaced and a cathodic protection system be installed. Additionally, during the design of the Tainter Gates, it was determined that the existing Tainter Gate power transmission systems will require replacement. Replacement of handrails and repairs to the concrete on the service spillway chute will also be completed.

Primary Location: Lower Basin
Secondary Location: Lake Limestone
Project Type: Infrastructure Maintenance

Outside Funding Source: n/a
BRA Funding Source: Reserves
Strategic Plan Reference: II-b
Capital(CIP) or Operating(OP): CIP

Financial Plan (in thousands of dollars):										
	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	14,434	8,202	6,406	4,074	-	-	-	-	26,000	50,914
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	14,434	8,202	6,406	4,074	-	-	-	-	26,000	50,914
Sources of BRA Funding:										
Current Revenues	-	-	-	-	-	-	-	-	-	-
Reserves	14,434	8,202	6,406	4,074	-	-	-	-	26,000	50,914
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):			Operating Impacts (000):					
	FY 25	Project Total	FY 25	FY 26	FY 27	FY 28	FY 29	
BRA Staff Time	\$ -	\$ 10	Revenues	-	-	-	-	-
Construction	2,500	35,142	Expenses	-	-	-	-	-
Contingency	-	-	Explanation:					
Design/Engineering	1,574	5,762						
Equipment	-	-						
Infrastructure Acquisition	-	-						
Land Easement/Acquisition	-	-						
Legal	-	-						
Other	-	10,000						
Surveying	-	-						
Testing/Environmental	-	-						
Total	\$ 4,074	\$ 50,914						

Project Schedule:	
FY 22-25	Design/Construction

Notes:



Pictured above: Upstream side of one spillway Tainter Gate at SCR Dam

UB-LG-Low Flow Facilities

Description: The Low Flow Outlet Works project at De Cordova Bend Dam involves replacement of various low flow outlet work sluice gates and ancillary components to better meet operational requirements. This project includes installation of a new hydraulic gate operator system for each gate in the north and south bays/wells of the Low Flow Outlet Works, installation of 2 new stainless-steel slide gates, and coating repairs to the carbon steel gate components for gates 1 – 6.

Primary Location: Upper Basin
Secondary Location: Lake Granbury
Project Type: Infrastructure Maintenance

Outside Funding Source: n/a
BRA Funding Source: Reserves
Strategic Plan Reference: II - b
Capital(CIP) or Operating(OP): CIP

Financial Plan (in thousands of dollars):

	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	5,875	1,000	10	2,000	-	-	-	-	-	7,885
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	5,875	1,000	10	2,000	-	-	-	-	-	7,885
Sources of BRA Funding:										
Current Revenues	-	-	-	-	-	-	-	-	-	-
Reserves	5,875	1,000	10	2,000	-	-	-	-	-	7,885
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):

	FY 25	Project Total
BRA Staff Time	\$ -	\$ 44
Construction	1,500	4,767
Contingency	-	50
Design/Engineering	500	2,771
Equipment	-	-
Infrastructure Acquisition	-	-
Land Easement/Acquisition	-	-
Legal	-	125
Other	-	100
Surveying	-	-
Testing/Environmental	-	28
Total	\$ 2,000	\$ 7,885

Operating Impacts (000):

	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-

Explanation:

Project Schedule:

FY21	Design
FY 22	Design and Construction
FY25	Complete Construction

Notes:

In the process of negotiating gate remediation with manufacturer and contractor to determine costs and remediation responsibility. FY24 is a placeholder until settled.



Pictured above: Lake Granbury Low Flow Outlet Works

UB-LG-Stoplog Replacement System

Description: DeCordova Bend Dam utilizes two Hoist-Trolleys for positioning stoplogs used to dewater the spillway bays. Operating both hoist-trolleys for 40+ years has led to malfunctions and component failures. A previous study recommended the replacement of both hoist-trolleys with one multi-functional crane. The BRA is pursuing a multi-functional crane for stoplog operations.

Primary Location: Upper Basin
Secondary Location: Lake Granbury
Project Type: Infrastructure Maintenance

Outside Funding Source: n/a
BRA Funding Source: Reserves
Strategic Plan Reference: II - b
Capital(CIP) or Operating(OP): CIP

Financial Plan (in thousands of dollars):

	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	653	450	200	500	650	500	292	-	-	2,795
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	653	450	200	500	650	500	292	-	-	2,795
Sources of BRA Funding:										
Current Revenues	-	-	-	-	-	-	-	-	-	-
Reserves	653	450	200	500	650	500	292	-	-	2,795
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):

	FY 25	Project Total
BRA Staff Time	\$ -	\$ 3
Construction	-	1,900
Contingency	-	200
Design/Engineering	500	655
Equipment	-	-
Infrastructure Acquisition	-	-
Land Easement/Acquisition	-	-
Legal	-	-
Other	-	-
Surveying	-	-
Testing/Environmental	-	37
Total	\$ 500	\$ 2,795

Operating Impacts (000):

	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-

Explanation:

Project Schedule:

FY 22-23	Complete mediation/determine new design-project
FY 25	Engineer selection/new design-engineer
FY 26	Bid and begin construction
FY 28	Finish Construction

Notes:

Project Name changed from "Trolley Replacement" in FY 24



Pictured above: Existing North Hoist Trolley on DeCordova Bend Dam

UB-PK-Bay #9 Weir Box

Description: The Bay #9 Weir Box measures flow in the upstream cracked transition beam. The concrete box was built in 1989 and is corroded and needs to be replaced in order to perform accurate measurements of the flow.

Primary Location: Upper Basin
Secondary Location: Possum Kingdom
Project Type: Infrastructure Maintenance

Outside Funding Source: n/a
BRA Funding Source: Reserves
Strategic Plan Reference: II - b
Capital(CIP) or Operating(OP): CIP

Financial Plan (in thousands of dollars):

	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	50	200	5	461	-	-	-	-	-	516
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	50	200	5	461	-	-	-	-	-	516
Sources of BRA Funding:										
Current Revenues	-	-	-	-	-	-	-	-	-	-
Reserves	50	200	5	461	-	-	-	-	-	516
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):

	FY 25	Project Total
BRA Staff Time	\$ 22	\$ 30
Construction	264	311
Contingency	-	-
Design/Engineering	175	175
Equipment	-	-
Infrastructure Acquisition	-	-
Land Easement/Acquisition	-	-
Legal	-	-
Other	-	-
Surveying	-	-
Testing/Environmental	-	-
Total	\$ 461	\$ 516

Operating Impacts (000):

	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-

Explanation:

Project Schedule:

FY23	Develop RFP
FY24	Design/construction
FY25	complete construction

Notes:

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Pictured above: South wall of Bay #9 weir box

UB-PK-Flow Control Gate Replacement

Description: The roller gates have experienced maintenance issues in the past due to design flaws when Morris Sheppard Dam was originally constructed. The roller gates will be replaced with slide gates which is a more reliable gate design. In addition, the associated actuators, pedestals, and gate stems will be replaced, as well as all necessary electrical upgrades/renovations to facilitate the operation of the new actuators.

Primary Location: Upper Basin
Secondary Location: Possum Kingdom
Project Type: Infrastructure Maintenance

Outside Funding Source: n/a
BRA Funding Source: Reserves
Strategic Plan Reference: II - b
Capital(CIP) or Operating(OP): CIP

Financial Plan (in thousands of dollars):

	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	735	1,528	700	1,301	900	-	-	-	-	3,636
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	735	1,528	700	1,301	900	-	-	-	-	3,636
Sources of BRA Funding:										
Current Revenues	-	-	-	-	-	-	-	-	-	-
Reserves	735	1,528	700	1,301	900	-	-	-	-	3,636
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):

	FY 25	Project Total
BRA Staff Time	\$ 623	\$ 1,086
Construction	600	1,886
Contingency	-	64
Design/Engineering	-	500
Equipment	-	65
Infrastructure Acquisition	-	-
Land Easement/Acquisition	-	-
Legal	-	-
Other	50	10
Surveying	-	-
Testing/Environmental	28	25
Total	\$ 1,301	\$ 3,636

Operating Impacts (000):

	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-

Explanation:

Project Schedule:

FY 21	Start Design
FY 22	Complete Design
FY23-26	Construction

Notes:



Pictured above: Existing Gate Actuator for Operating Pier at Morris Sheppard Dam.

UB-PK-Spillway Pump and Piping

Description: The Spillway Pump in the Power House was designed to provide hydraulic pressure to the nine spillway gates to allow for raising the gates at low lake levels. With decommissioning of hydroelectric generation, the pen stocks have been removed and there is no longer an available means to supply water to the spillway pump for operation. The inability to operate the spillway pump means we might be unable to reliably raise the gates when the lake level falls below elevation 994. This ability is necessary for us to perform gate maintenance and testing when the lake level is low.

Primary Location: Upper Basin
Secondary Location: Possum Kingdom
Project Type: Infrastructure Maintenance

Outside Funding Source: n/a
BRA Funding Source: Reserves
Strategic Plan Reference: II-b
Capital(CIP) or Operations(OP): CIP

Financial Plan (in thousands of dollars):

	Prior Years Actual	24 Budget	24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	500	3,071	2,500	571	-	-	-	-	-	3,571
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	500	3,071	2,500	571	-	-	-	-	-	3,571
Sources of BRA Funding:										
Current Revenues	-	-	-	-	-	-	-	-	-	-
Reserves	500	3,071	2,500	571	-	-	-	-	-	3,571
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):

	FY 25	Project Total
BRA Staff Time	\$ -	\$ 20
Construction	450	2,519
Contingency	-	200
Design/Engineering	121	807
Equipment	-	25
Infrastructure Acquisition	-	-
Land Easement/Acquisition	-	-
Legal	-	-
Other	-	-
Surveying	-	-
Testing/Environmental	-	-
Total	\$ 571	\$ 3,571

Operating Impacts (000):

	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-

Explanation:

Project Schedule:

FY 18	Pump refurbishment completed
FY 21	Preliminary evaluation
FY 22 - 23	Complete design
FY 24-25	Complete construction

Notes:

FY 25 estimate at 20% of FY 24 budget. Possible project completion in FY24.



Pictured above: Spillway Pump removed, looking at pump motor

OPERATING PROJECTS



Brazos River Authority

Quality • Conservation • Service

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Operating Projects

Operating Projects are similar to Capital Improvement Projects (CIP's) in that they do not recur on an annual basis and often take more than one fiscal year to complete. For this reason, they are not included in the departmental O&M budgets. Operating Projects are different from CIP's in that they do not usually result in the creation of a capital asset, but may provide significant maintenance or rehabilitation of an existing capital asset. They are considered part of the overall Operations & Maintenance Budget and are expensed in the fiscal year in which they occur. Operating Projects often include studies, surveys, and assessments, some of which may necessitate future Capital Improvement Projects.

Operating Project Budget Process

The process for Operating Project budgeting is meant to be dynamic in order to respond to any changes in circumstances related to the projects while still maintaining adequate internal control. It follows the same process and timeline as the Capital Improvement Projects presented in Tab 13.

Project Budget Worksheets

The information that is needed to compile the Operating Project Budget is captured in individual Project Budget Worksheets (PBW's). The PBW's are referred to collectively as the Project Inventory. Operating Projects have Project Managers who are responsible for the accuracy of the information provided in the PBW's.

Operating Project Budget Timeline

- December** A list of all projects and the corresponding Project Managers is distributed to staff for review. Any projects that need to be removed from the list or any changes to the assigned Project Team should be reported to Finance & Administration. Staff is also given the opportunity to submit any new projects that need to be considered as additions to the Project Inventory.
- January** Project Managers are given the opportunity to update the PBW's for existing projects, including changes to budgets and timelines, and to submit PBW's for proposed new projects.
- February** Finance & Administration reviews the PBW's and creates a summary report and presentation for the BRA Risk Management Committee.
- March** Finance & Administration makes a presentation to the BRA Risk Management Committee on the proposed Operating Project budget which includes:
- a) Estimated total expenditures for projects that are expected to be completed in the current fiscal year.
 - b) A list of any projects that were removed from the Project Inventory.
 - c) Projected actual expenditures versus budget for all projects with activity in the current fiscal year.
 - d) The proposed Operating Projects budget for the upcoming fiscal year.
- April and May** The proposed Operating Projects budget is incorporated into the Annual Operating Plan (AOP) and the Long Range Financial Plan.
- July** The AOP is presented to the Board of Directors. The Board of Directors is asked to approve a resolution which includes setting the dollar amount of the Operations & Maintenance Budget, which includes the Operating Projects, for the upcoming fiscal year.

Operating Project Updates

Once the AOP has been approved by the Board of Directors, the final versions of the PBW's are posted to a SharePoint site on BRA's intranet for reference during the fiscal year. Project Managers are encouraged to provide updates to the PBW's whenever significant changes occur to the project. All PBW's in the Project Inventory are updated during the annual budget process, as described above, to reflect the most current information about the project.

Budget Approval/Amendments

The Board of Directors approves the total Operating Project budget as part of the total O&M expenditures for each fiscal year. From time to time unforeseen circumstances such as weather conditions, supply delays, or unanticipated complications may require the budget to be amended. Sometimes the amendments are needed to accommodate timing differences, while not affecting the overall project budget. Conditions may cause a project schedule to be accelerated or delayed, which means the anticipated cash flows for the project may not be in the fiscal year that they are needed. Other times the amendments require the total project budget to be adjusted to reflect updated cost estimates. The cost estimates for a project may increase or decrease due to changes in the scope of the project or actual bid proposals coming in higher than anticipated in the original budget. If an amendment is needed to an Operating Project budget, it is presented to the General Manager/CEO for approval.

Reporting

The quarterly budget report that is presented to the Board of Director's includes a section on Capital Projects & Operating Projects. This section presents actual performance against the budget for the current year, as well as inception to date actual expenditures versus the total project budget. Any budget amendments that have been approved by the General Manager/CEO during the fiscal year are noted on the report. Once this report has been presented to the Board, it is then posted to the BRA website for general access.

Project Managers have the ability to access detail or summary financial reports for each project on an as-needed basis through the BRA's enterprise financial software system. These reports can be filtered to look at specific time periods or categories within a project, or they can be expanded to look at multiple projects in a single report. The Finance & Administration department continually seeks to provide meaningful reporting tools to the Project Managers and other staff involved in project delivery.

Project Classifications

In order to summarize and analyze the information related to the many projects in the BRA project inventory, each project is given multiple classifications that allows it to be sorted into different groups as needed for presentation and analysis. The classifications focus on: the location of the project, the funding source for the project, and the type of project. The classification system used for Operating Projects is identical to the one used for Capital Improvement Projects.

Project Locations

Primary Location indicates if a project is located; within one of the BRA regional basins, at the BRA Central Office facility in Waco, in a location that benefits the entire basin, or has no specific location.

Secondary Location indicates if a project is located at a specific site or overseen by a specific department. If neither condition applies, the Secondary Location is listed as "Other".

The Primary Location of a project is indicated by the first character set in the project name, the Secondary Location is indicated by the second character set. An index of these character sets is presented below:

1st Character Set	2nd Character Set
UB - Upper Basin	PK - Possum Kingdom
	LG - Lake Granbury
	OT - Other
CB - Central Basin	TB - Temple Belton
	DF - Doshier Farm
	HU - Hutto
	SC - Sandy Creek
	EW - East Williamson County RWS
	WCR - Williamson County Regional Pipeline
	WH - Lake Whitney
	AQ - Lake Aquilla
	BE - Lake Belton
	ST - Lake Stillhouse
GR - Lake Granger	
OT - Other	
LB - Lower Basin	LL - Lake Limestone
	AC - Allens Creek
	CL - Clute/Richwood
	LS - Lake Somerville
	SL - Sugar Land
	OT - Other
BW - Basin Wide	TS - Technical Services
	WS - Water Services
	ES - Environmental Services
	OS - Office of Security
	IT - Information Technology
	FA - Finance and Administration
	SP - Special Projects & Strategic Initiatives
OT - Other	
CO - Central Office	TS - Technical Services
	WS - Water Services
	ES - Environmental Services
	OS - Office of Security
	IT - Information Technology
	FA - Finance and Administration
	SP - Special Projects & Strategic Initiatives
OT - Other	

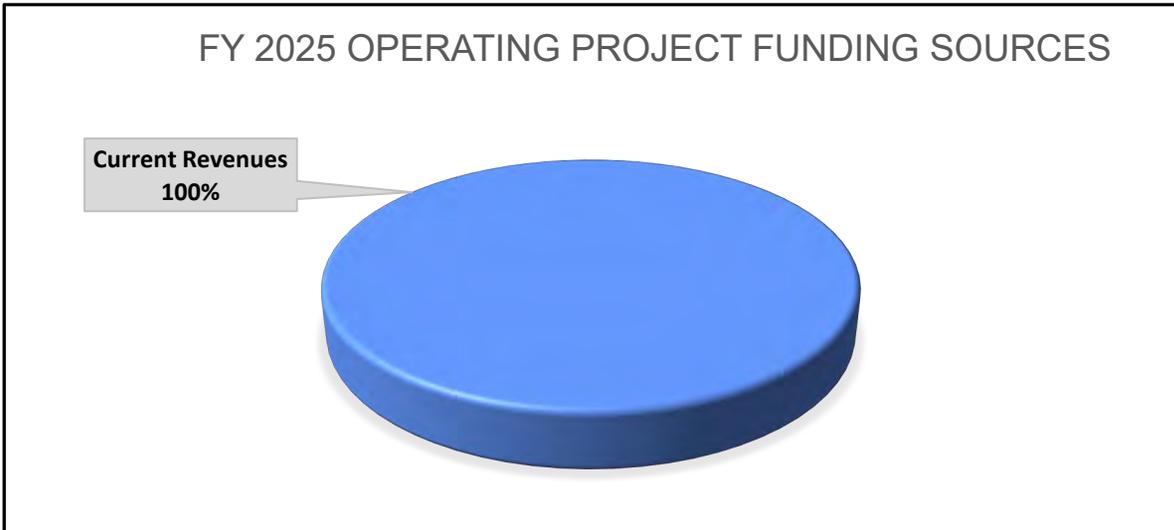
Project Types

All projects are also identified by type. A project type is assigned based on the goal of the project. Below is a current listing of project types, along with a short definition:

- Infrastructure Maintenance** - Rehabilitation or upgrade of existing BRA infrastructure facilities
- Infrastructure Security** - Additions or improvements to BRA infrastructure that enhance safety and security
- New Infrastructure** - The acquisition or construction of new infrastructure that does not add to the available water resources in the basin
- New Water** - Efforts that increases the amount of water resources available in the basin
- Studies/Assessments** - Activities which are undertaken to study, evaluate, or add to the knowledge base of a particular issue
- Technology** - Major upgrades or replacements to the BRA technology infrastructure
- Water Quality** - Undertaking to assess, identify, quantify, or mitigate the effects of natural or man-made conditions that may pose a risk to water quality

Operating Project Funding

The Brazos River Authority (BRA) seeks to fund projects in the most cost efficient manner possible. This includes using a variety of different funding sources, including external funding from grants and stakeholders when feasible and available. The BRA uses the Long Range Financial Planning model to determine the best mix of funding sources. The following graph shows that 100% of the BRA's Operating Project funding in FY 2024 will come from Current Revenues.



BRA Funding Sources

BRA Current Revenues

The BRA may use current revenues, including System Rate Water Sales, to fund some projects.

BRA Rate Stabilization Reserves

Rate Stabilization Reserves are reserves that are in excess of any required reserve amounts. For details, refer to the Five-Year Financial Forecast on page 3-24. This category of reserve is utilized to help pay for projects in lieu of issuing debt.

Bonds/Debt

When other means of project funding are unavailable or insufficient, the BRA will issue debt to finance projects. The debt may be either regular open market revenue bonds or, if available, Texas Water Development Board funding.

External Funding Sources

Grants

When feasible, the BRA will seek out grant funding to help defray the costs of the project.

Stakeholder Funding

BRA may seek to partner with other stakeholders who would benefit from the project to help provide funding.

**FY 25 Operating Budget
Operating Projects Index
Alphabetical by Project Name**

Project Name	Project Type	Basin Location	Page #
Audiovisual Technology Integrations	Technology	Central Office	14-24
Brazos Water Snake Study	Studies/Assessments	Basin Wide	14-20
Comprehensive Water Quality Modeling Tool for Possum Kingdom	Studies/Assessments	Upper Basin	14-25
Enterprise Financial Software	Technology	Basin Wide	14-23
Lake Granbury Electric Vulnerability Assessment	Studies/Assessments	Upper Basin	14-26
Lake Granbury Embankment Stability Analysis and Assessment	Studies/Assessments	Upper Basin	14-27
Lake Granbury Hearth Stability Analysis	Infrastructure Maintenance	Upper Basin	14-28
Lake Granbury Tainter Gate Evaluation	Infrastructure Maintenance	Upper Basin	14-29
Lake Whitney Reallocation Study	Studies/Assessments	Central Basin	14-22
Possum Kingdom Bay 9 Transition Beam Leak Remediation	Infrastructure Maintenance	Upper Basin	14-30
Possum Kingdom Controlled Outlet Conduit Recoating and Repairs	Infrastructure Maintenance	Upper Basin	14-31
Possum Kingdom Elevators Replacement	Infrastructure Maintenance	Upper Basin	14-32
Possum Kingdom Operating Pier Trash Rack Replacement	Infrastructure Maintenance	Upper Basin	14-33
Possum Kingdom Seismic Analysis & Hydrographic Sedimentation Survey	Studies/Assessments	Upper Basin	14-34
Risk Based Capital Planning and Management Support	Studies/Assessments	Basin Wide	14-21

**FY 25 Operating Budget
Operating Projects Index
By Basin Location**

Project Name	Project Type	Basin Location	Page #
Brazos Water Snake Study	Studies/Assessments	Basin Wide	14-20
Enterprise Financial Software	Technology	Basin Wide	14-23
Risk Based Capital Planning and Management Support	Studies/Assessments	Basin Wide	14-21
Lake Whitney Reallocation Study	Studies/Assessments	Central Basin	14-22
Audiovisual Technology Integrations	Technology	Central Office	14-24
Comprehensive Water Quality Modeling Tool for Possum Kingdom	Studies/Assessments	Upper Basin	14-25
Lake Granbury Electric Vulnerability Assessment	Studies/Assessments	Upper Basin	14-26
Lake Granbury Embankment Stability Analysis and Assessment	Studies/Assessments	Upper Basin	14-27
Lake Granbury Hearth Stability Analysis	Infrastructure Maintenance	Upper Basin	14-28
Lake Granbury Tainter Gate Evaluation	Infrastructure Maintenance	Upper Basin	14-29
Possum Kingdom Bay 9 Transition Beam Leak Remediation	Infrastructure Maintenance	Upper Basin	14-30
Possum Kingdom Controlled Outlet Conduit Recoating and Repairs	Infrastructure Maintenance	Upper Basin	14-31
Possum Kingdom Elevators Replacement	Infrastructure Maintenance	Upper Basin	14-32
Possum Kingdom Operating Pier Trash Rack Replacement	Infrastructure Maintenance	Upper Basin	14-33
Possum Kingdom Seismic Analysis & Hydrographic Sedimentation Survey	Studies/Assessments	Upper Basin	14-34

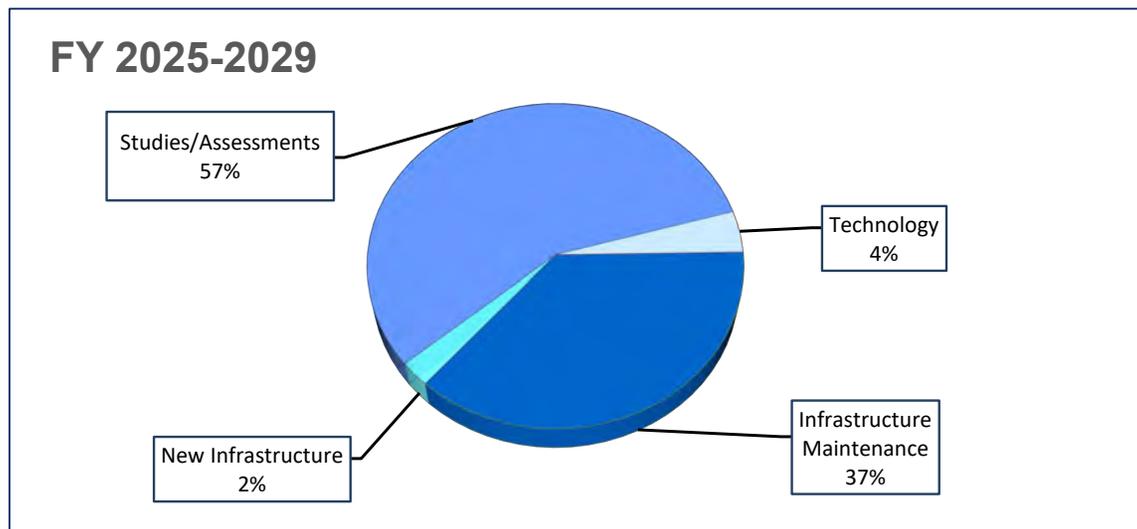
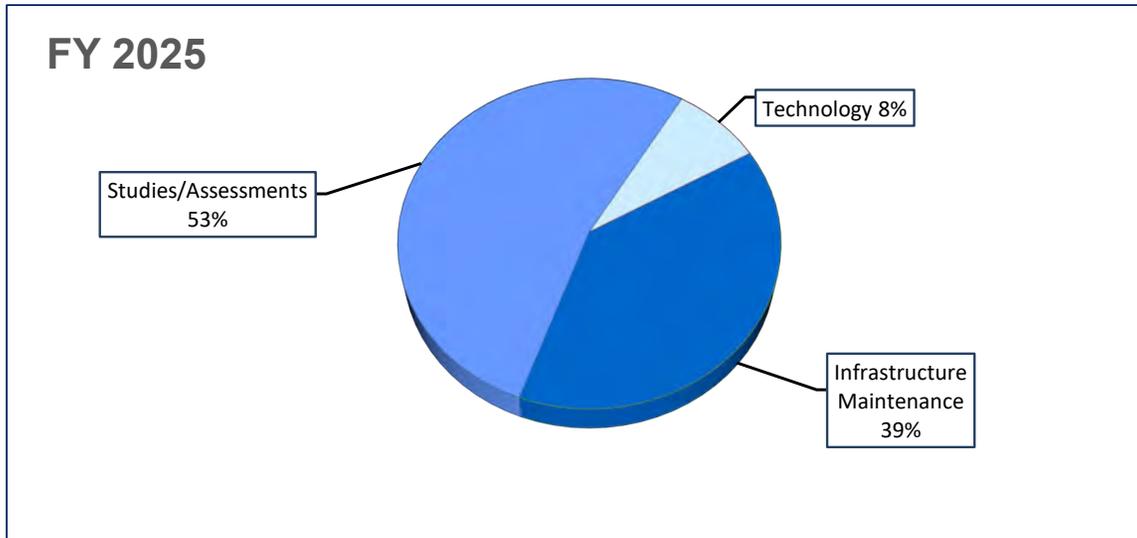
**FY 25 Operating Budget
Operating Projects Index
By Project Type**

Project Name	Project Type	Basin Location	Page #
Lake Granbury Hearth Stability Analysis	Infrastructure Maintenance	Upper Basin	14-28
Lake Granbury Tainter Gate Evaluation	Infrastructure Maintenance	Upper Basin	14-29
Possum Kingdom Bay 9 Transition Beam Leak Remediation	Infrastructure Maintenance	Upper Basin	14-30
Possum Kingdom Controlled Outlet Conduit Recoating and Repairs	Infrastructure Maintenance	Upper Basin	14-31
Possum Kingdom Elevators Replacement	Infrastructure Maintenance	Upper Basin	14-32
Possum Kingdom Operating Pier Trash Rack Replacement	Infrastructure Maintenance	Upper Basin	14-33
Brazos Water Snake Study	Studies/Assessments	Basin Wide	14-20
Comprehensive Water Quality Modeling Tool for Possum Kingdom	Studies/Assessments	Upper Basin	14-25
Lake Granbury Electric Vulnerability Assessment	Studies/Assessments	Upper Basin	14-26
Lake Granbury Embankment Stability Analysis and Assessment	Studies/Assessments	Upper Basin	14-27
Lake Whitney Reallocation Study	Studies/Assessments	Central Basin	14-22
Possum Kingdom Seismic Analysis & Hydrographic Sedimentation Survey	Studies/Assessments	Upper Basin	14-34
Risk Based Capital Planning and Management Support	Studies/Assessments	Basin Wide	14-21
Audiovisual Technology Integrations	Technology	Central Office	14-24
Enterprise Financial Software	Technology	Basin Wide	14-23

Operating Projects by Type

The chart and graphs below show the breakout of the Brazos River Authority's Operating Projects by type over the next five years. The projects are spread out over three different categories, with a particular emphasis on Infrastructure Maintenance and Studies/Assessments.

Type	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
(Budget amounts in 000's)					
Studies/Assessments	3,750	1,825	1,450	400	519
Technology	579	-	-	-	-
Infrastructure Maintenance	2,746	482	245	1,155	505
New Infrastructure	-	-	150	100	100
Total	\$ 7,075	\$ 2,307	\$ 1,845	\$ 1,655	\$ 1,124



FY 2024 Operating Projects Budgets vs. Estimated Actual

Project Name	FY 2024		FY 2024 \$ Over/(Under) Budget	FY 2024 % Over/(Under) Budget
	Total Annual Budget	Total Estimated Actual		
<u>Upper Basin</u>				
UB-LG-Electric Vulnerability Assessment	\$ 250	\$ 10	\$ (240)	-96%
UB-LG-Hearth Stability Analysis	225	200	(25)	-11%
UB-LG-Lake Granbury Building Repairs	75	75	-	0%
UB-LG- Tainter Gate Evaluation	250	200	(50)	-20%
UB-PK-Bay 9 Transition Beam Leak Remediation	294	10	(284)	-97%
UB-PK-COC Recoating and Repairs	491	491	-	0%
UB-PK-Operating Pier Trash Rack Replacement	189	-	(189)	-100%
UB-PK-Recreational Development	331	331	-	0%
<u>Central Basin</u>				
CB-WH-Lake Whitney Reallocation Study	653	653	-	0%
<u>Lower Basin</u>				
LB-LL-Administrative Complex Architectural Assessment, Design & Replacement	29	-	(29)	-100%
<u>Basin Wide</u>				
BW-ES- Brazos Water Snake Study	245	245	-	0%
BW-OS-Security and Vulnerability Assessment Updates	172	172	-	0%
BW-TS-Risk Based Capital Planning and Management Support	1,095	726	(369)	-34%
BW-WS-Brazos River Alluvium Study	17	17	-	0%
BW-WS-Integrated Water Resources Plan	100	100	-	0%
CO-FA-Enterprise Financial Software	550	450	(100)	-18%
CO-IT-Audiovisual Technology Integrations	476	50	(426)	-89%
Total	\$ 5,442	\$ 3,730	\$ (1,712)	-31%

Total Costs - All Operating Projects
(in thousands)
50 Year Forecast

Title	Expenditures (in 000's)				
	Prior years	2025 thru 2029	2030 thru 2039	2040 thru 2075	Total
BW-ES-Brazos Water Snake Study	\$ 619	\$ 255	\$ -	\$ -	\$ 874
BW-ES-Convert CCAA to Habitat Conservation Plan	-	-	1,500	-	1,500
BW-TS- Risk Based Capital Planning and Management Support	1,291	705	-	-	1,996
CB-WH-Lake Whitney Reallocation Study	853	870	-	-	1,723
CO-FA-Enterprise Financial Software	886	100	-	-	986
CO-IT-Audiovisual Technology Integrations	75	479	-	-	554
LB-ES-Comprehensive Water Quality Modeling Tool for Lake Limestone	-	-	3,000	250	3,250
LB-LL-Administrative Complex Architectural Assessment, Design & Replacement	-	-	2,785	-	2,785
LB-LL-Concrete Assessment & Repairs (CAASLE)	-	1,000	-	-	1,000
LB-LL-Upstream Embankment Assessment	-	800	-	-	800
LB-LS-Lake Somerville Augmentation Assessment	-	-	-	4,000	4,000
UB-ES-Comprehensive Water Quality Modeling Tool for Lake Granbury	-	-	3,000	250	3,250
UB-ES-Comprehensive Water Quality Modeling Tool for Possum Kingdom	-	2,650	250	-	2,900
UB-LG- Tainter Gate Evaluation	-	-	-	560	560
UB-LG-Boathouse Replacement North	-	-	-	500	500
UB-LG-Boathouse Replacement South	10	240	-	-	250
UB-LG-Electric Vulnerability Assessment	-	500	-	-	500
UB-LG-Embankment Stability Analysis and Assessment	200	41	-	-	241
UB-LG-Hearth Stability Analysis	68	100	-	-	168
UB-LG-Lake Granbury Building Repairs	-	150	-	-	150
UB-LG-Low Flow Facility Retaining Wall & Access Walkway Extension	-	225	-	200	425
UB-LG-South Dike Erosion Repair	200	550	-	-	750
UB-LG-Targeted Concrete and Structural Condition Assessment (CAASLE)	-	519	2,207	-	2,726
UB-PK-Bay 9 Transition Beam Leak Remediation	10	866	-	-	876
UB-PK-Boathouses	-	100	700	-	800
UB-PK-COC Recoating and Repairs	491	761	-	-	1,252
UB-PK-Elevators Replacement	-	800	300	-	1,100
UB-PK-Emergency Spillway Evaluation	-	250	-	-	250
UB-PK-Operating Pier Trash Rack Replacement	97	260	-	-	357
UB-PK-Powerhouse Infrastructure Stabilization	-	230	385	-	615
UB-PK-Red Bluff Bridge Repair	-	400	-	-	400
UB-PK-Seismic Analysis & Hydrographic Sedimentation Survey	-	355	-	-	355
UB-WS-PK Probable Maximum Flood Analysis	-	800	-	-	800
Totals	\$ 4,800	\$ 14,006	\$ 14,127	\$ 5,760	\$ 38,693

Operating Projects with Activity in FY 2025
Five-Year Detail (in 000's)

Project Name	Project Type	Total Project Budget 08/31/2023	Budget Funding Changes	Total Proposed Project Budget	Life-to-date Expenditures 08/31/2024	Total Project Budget Balance at 9/1/2024
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Basin Wide/Central Office

BW-ES-Brazos Water Snake Study	Studies/ Assessments	\$ 875	\$ (1)	\$ 874	\$ 619	\$ 255
BW-TS- Risk Based Capital Planning and Management Support	Studies/ Assessments	2,495	(499)	1,996	1,291	705
CO-FA-Enterprise Financial Software	Technology	985	1	986	886	100
CO-IT-Audiovisual Technology Integrations	Technology	500	54	554	75	479
Subtotal		\$ 4,855	\$ (445)	\$ 4,410	\$ 2,871	\$ 1,539

Central Basin

CB-WH-Lake Whitney Reallocation Study	Studies/ Assessments	1,500	223	1,723	853	870
Subtotal		\$ 1,500	\$ 223	\$ 1,723	\$ 853	\$ 870

Upper Basin

UB-ES-Comprehensive Water Quality Modeling Tool for Possum Kingdom	Studies/ Assessments	\$ -	\$ 2,900	\$ 2,900	\$ -	\$ 2,900
UB-LG-Electric Vulnerability Assessment	Studies/ Assessments	250	-	250	10	240
UB-LG-Embankment Stability Analysis and Assessment	Studies/ Assessments	-	500	500	-	500
UB-LG-Hearth Stability Analysis	Infrastructure Maintenance	250	(9)	241	200	41
UB-LG- Tainter Gate Evaluation	Infrastructure Maintenance	750	-	750	200	550
UB-PK-Bay 9 Transition Beam Leak Remediation	Infrastructure Maintenance	854	-	876	10	866
UB-PK-COC Recoating and Repairs	Infrastructure Maintenance	1,241	-	1,252	491	761
UB-PK-Elevators Replacement	Infrastructure Maintenance	-	1,100	1,100	-	1,100
UB-PK-Operating Pier Trash Rack Replacement	Infrastructure Maintenance	326	31	357	97	260
UB-PK-Seismic Analysis & Hydrographic Sedimentation Survey	Studies/ Assessments	-	355	355	-	355
Subtotal		\$ 3,671	\$ 4,877	\$ 8,581	\$ 1,008	\$ 7,573

Total Operating Projects

\$ 10,026	\$ 4,655	\$ 14,714	\$ 4,732	\$ 9,982
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Operating Projects with Activity in FY 2025
Five-Year Detail (in 000's)

Project Name	Proposed FY 25 Total	Proposed FY 26 Total	Proposed FY 27 Total	Proposed FY 28 Total	Proposed FY 29 Total	FY 30 & Beyond
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Basin Wide/Central Office

BW-ES-Brazos Water Snake Study	\$ 190	\$ 65	\$ -	\$ -	\$ -	\$ -
BW-TS- Risk Based Capital Planning and Management Support	600	105	-	-	-	-
CO-FA-Enterprise Financial Software	100	-	-	-	-	-
CO-IT-Audiovisual Technology Integrations	479	-	-	-	-	-
Subtotal	\$ 1,369	\$ 170	\$ -	\$ -	\$ -	\$ -

Central Basin

CB-WH-Lake Whitney Reallocation Study	770	100	-	-	-	-
Subtotal	\$ 770	\$ 100	\$ -	\$ -	\$ -	\$ -

Upper Basin

UB-ES-Comprehensive Water Quality Modeling Tool for Possum Kingdom	\$ 1,500	\$ 1,150	\$ -	\$ -	\$ -	\$ 250
UB-LG-Electric Vulnerability Assessment	240	-	-	-	-	-
UB-LG-Embankment Stability Analysis and Assessment	250	250	-	-	-	-
UB-LG-Hearth Stability Analysis	41	-	-	-	-	-
UB-LG- Tainter Gate Evaluation	350	150	50	-	-	-
UB-PK-Bay 9 Transition Beam Leak Remediation	564	302	-	-	-	-
UB-PK-COC Recoating and Repairs	761	-	-	-	-	-
UB-PK-Elevators Replacement	800	-	-	-	-	300
UB-PK-Operating Pier Trash Rack Replacement	230	30	-	-	-	-
UB-PK-Seismic Analysis & Hydrographic Sedimentation Survey	200	155	-	-	-	-
Subtotal	\$ 4,936	\$ 2,037	\$ 50	\$ -	\$ -	\$ 550

Total Operating Projects	\$ 7,075	\$ 2,307	\$ 50	\$ -	\$ -	\$ 550
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Brazos River Authority

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Impact on Future Operating Budgets

As part of the long-term financial planning process of the Brazos River Authority (BRA), the annual financial impacts on the operating budget that are created with the completion or acquisition of each new project are taken into consideration. The evaluation process for each project includes capturing information about expanded facility capacity, additional revenues that may be generated, additional operating costs and staffing levels, additional debt service payments, or operational savings and efficiencies.

		FY 2026	FY 2027	FY 2028	FY 2029
		(in 000's)			
Revenues					
None identified		-	-	-	-
Total Revenues		\$ -	\$ -	\$ -	\$ -
Operating Expenses					
Enterprise Financial Software	Negative expenses represent anticipated savings on annual license and maintenance costs	(183)	(197)	(212)	(220)
Risk Based Capital Planning and Management Support	Annual Maintenance Costs for new software	63	66	70	74
Total Expenses		\$ (120)	\$ (131)	\$ (142)	\$ (146)
Net Financial Demand		\$ (120)	\$ (131)	\$ (142)	\$ (146)



Brazos River Authority

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FY 2025 OPERATING
PROJECTS
DETAIL SHEETS

BW-ES-Brazos Water Snake Study

Description: The Brazos water snake is found only in the Brazos basin and is identified by the Texas Parks and Wildlife Department as a threatened species. Little is known about the snake's population or distribution in the basin. With continuing water development needs in Texas and sparse knowledge of Brazos water snake population and needs, perceived impacts on the Brazos water snake may serve as a focal point for state and federal resource agencies into the future. Within the context of that concern, this study will attempt to fill these knowledge gaps.

Primary Location: Basin Wide
Secondary Location: Environmental Services
Project type: Studies/Assessments

Outside Funding Source: n/a
BRA Funding Source: Current Revenues
Strategic Plan Reference: III-b
Capital(CIP) or Operating(OP): OP

Financial Plan (in thousands of dollars):

	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	374	245	245	190	65	-	-	-	-	874
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	374	245	245	190	65	-	-	-	-	874
Sources of BRA Funding:										
Current Revenues	374	245	245	190	65	-	-	-	-	874
Reserves	-	-	-	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):

	FY 25	Project Total
BRA Staff Time	\$ -	\$ -
Construction	-	-
Contingency	-	-
Design/Engineering	-	-
Equipment	-	-
Infrastructure Acquisition	-	-
Land Easement/Acquisition	-	-
Legal	-	-
Other	-	-
Surveying	-	-
Testing/Environmental	190	874
Total	\$ 190	\$ 874

Operating Impacts (000):

	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-

Explanation:

Project Schedule:

FY 24	Field Data Collection and Data Analysis
FY 25	Field Data Collection and Data Analysis and Reporting
FY 26	Field Data Collection and Data Analysis and Reporting

Notes:

Project contracted in 3 phases with notice to proceed required from BRA to start each phase. Phase1 - \$250k | Phase2 - \$225k | Phase3 - \$175k



Pictured above: Electronic tagging of a Brazos water snake

BW-TS- Risk Based Capital Planning and Management Support

Description: Develop and update the condition assessment information for all assets at all facilities included in capital planning and management decisions for the Brazos River Authority. This project will include developing an Asset Management Program (AMP) and a Long Range Capital Improvement Plan (LR/CIP).

Primary Location: Basin Wide
Secondary Location: Technical Services
Project Type: Studies/Assessments

Outside Funding Source: n/a
BRA Funding Source: Current Revenues
Strategic Plan Reference: IV-b
Capital(CIP) or Operating(OP): OP

Financial Plan (in thousands of dollars):

	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	565	1,095	726	600	105	-	-	-	-	1,996
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	565	1,095	726	600	105	-	-	-	-	1,996
Sources of BRA Funding:										
Current Revenues	565	1,095	726	600	105	-	-	-	-	1,996
Reserves	-	-	-	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):			Operating Impacts (000):					
	FY 25	Project Total		FY 25	FY 26	FY 27	FY 28	FY 29
BRA Staff Time	\$ -	\$ -	Revenues	-	-	-	-	-
Construction	-	-	Expenses	-	63	66	70	74
Contingency	-	-	Explanation: Anticipated reoccurring expenses include software license renewals and software updates.					
Design/Engineering	530	1,499						
Equipment	70	497						
Infrastructure Acquisition	-	-						
Land Easement/Acquisition	-	-						
Legal	-	-						
Other	-	-						
Surveying	-	-						
Testing/Environmental	-	-						
Total	\$ 600	\$ 1,996						

Project Schedule:

FY22-23	Gap assessment & implemented pilot programs at EWC & PK
FY24	Finalize pilot programs & procure & implement software
FY25	Go live w/ software, implement AMP at remaining BRA facilities & develop Long Range Planning/CIP



Notes:
 1. Equipment funds are for software license and implementation costs. 2. IT budgeted for Years 2-5 (FY26-FY29) software costs

Pictured above: BRA Central Office Facilities

CB-WH-Lake Whitney Reallocation Study

Description: This project seeks to examine the feasibility of increasing water supply at Lake Whitney via reallocating flood, conservation, and/or power-head pool storage. If the detailed feasibility study indicates the viability of the project, implementation could begin as early as FY26. The USACE (U.S. Army Corps of Engineers) will perform the Feasibility Study, and the BRA will serve as the non-Federal sponsor. The Project began with the signing of a FCSA (Feasibility Cost Sharing Agreement) and work is underway.

Primary Location: Central Basin
Secondary Location: Lake Whitney
Project Type: Studies/Assessments

Outside Funding Source: n/a
BRA Funding Source: Current Revenues
Strategic Plan Reference: I - a
Capital(CIP) or Operating(OP): OP

Financial Plan (in thousands of dollars):										
	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	200	653	653	770	100	-	-	-	-	1,723
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	200	653	653	770	100	-	-	-	-	1,723
Sources of BRA Funding:										
Current Revenues	200	653	653	770	100	-	-	-	-	1,723
Reserves	-	-	-	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):			Operating Impacts (000):				
	FY 25	Project Total	FY 25	FY 26	FY 27	FY 28	FY 29
BRA Staff Time	\$ -	\$ -	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-
Design/Engineering	-	-	-	-	-	-	-
Equipment	-	-	-	-	-	-	-
Infrastructure Acquisition	-	-	-	-	-	-	-
Land Easement/Acquisition	-	-	-	-	-	-	-
Legal	100	143	-	-	-	-	-
Other	670	1,580	-	-	-	-	-
Surveying	-	-	-	-	-	-	-
Testing/Environmental	-	-	-	-	-	-	-
Total	\$ 770	\$ 1,723	Explanation:				

Project Schedule:	
FY 14-15	Initial Appraisal Report completed by USACE
FY 23	USACE study authorization and contracting
FY 23-26	Feasibility Study
FY 25-27	Water right permitting and BRA-USACE contract negotiation

Notes:
 There is a separate project for possible construction associated with possible Lake Whitney reallocation.



Pictured above: Lake Whitney Dam

CO-FA-Enterprise Financial Software

Description: The BRA's current enterprise financial software, Infor Version 11, has had difficulties producing some of the reports that are needed and the ongoing maintenance costs have been increasing steadily. Staff is looking for more user friendly alternatives with lower annual maintenance costs.

Primary Location: Basin Wide
Secondary Location: Finance & Administration
Project Type: Technology

Outside Funding Source: n/a
BRA Funding Source: Current Revenues/Reserves
Strategic Plan Reference: IV-b
Capital(CIP) or Operating(OP): OP

Financial Plan (in thousands of dollars):

	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	436	550	450	100	-	-	-	-	-	986
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	436	550	450	100	-	-	-	-	-	986
Sources of BRA Funding:										
Current Revenues	142	550	450	100	-	-	-	-	-	692
Reserves	294	-	-	-	-	-	-	-	-	294
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):

	FY 25	Project Total
BRA Staff Time	\$ -	\$ -
Construction	-	-
Contingency	-	-
Design/Engineering	-	-
Equipment	-	-
Infrastructure Acquisition	-	-
Land Easement/Acquisition	-	-
Legal	-	-
Other	100	986
Surveying	-	-
Testing/Environmental	-	-
Total	\$ 100	\$ 986

Operating Impacts (000):

	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	(168)	(183)	(197)	(212)	(220)

Explanation: Negative expenses represent anticipated savings on annual license and maintenance costs

Project Schedule:

FY 23	Issue RFP for new EFS Software, request demos and negotiate contract
FY 24	Begin implementation of new EFS software
FY 25	Complete implementation of new EFS software

Notes:



Pictured above: EFS Reports

CO-IT-Audiovisual Technology Integrations

Description: Our existing audiovisual system in the Central Office is over 10 years old. In addition to replacing aged equipment, we are looking at integrating new technology and some automation into the five Central Office meeting rooms (Board, Main, Executive, Training, and Back conference rooms) to standardize equipment and technologies used from room to room to the extent feasible as to make utilization of these as intuitive as possible.

Primary Location: Central Office
Secondary Location: Information Technology
Project Type: Technology

Outside Funding Source: n/a
BRA Funding Source: Current Revenues
Strategic Plan Reference: IV-b
Capital(CIP) or Operating(OP): OP

Financial Plan (in thousands of dollars):

	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	25	476	50	479	-	-	-	-	-	554
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	25	476	50	479	-	-	-	-	-	554
Sources of BRA Funding:										
Current Revenues	25	476	50	479	-	-	-	-	-	554
Reserves	-	-	-	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):

	FY 25	Project Total
BRA Staff Time	\$ -	\$ -
Construction	-	-
Contingency	-	-
Design/Engineering	132	157
Equipment	300	325
Infrastructure Acquisition	-	-
Land Easement/Acquisition	-	-
Legal	-	-
Other	47	72
Surveying	-	-
Testing/Environmental	-	-
Total	\$ 479	\$ 554

Operating Impacts (000):

	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-

Explanation:

Project Schedule:

FY22	Contracted with True North per IDIQ contract for an audiovisual assessment.
FY23	Gathering information from AV integrators/vendors regarding current technology and recommendations.
FY24	Select a vendor, negotiate contract, and get board approval. Work with
FY25	Work with vendor to complete the project.

Notes:



Pictured above: Existing audiovisual equipment

UB-ES-Comprehensive Water Quality Modeling Tool for Possum Kingdom

Description: Project will develop a custom, comprehensive watershed and reservoir water quality model to evaluate localized and cumulative impacts of point source discharges from both water and wastewater treatment facilities in the Possum Kingdom watershed. The goal of this model is to develop a science-based tool that BRA can utilize to evaluate current and future discharges that have the potential to impact reservoir water quality. This project will also include a stakeholder outreach process and result in recommendations for future actions to protect water quality.

Primary Location: Upper Basin
Secondary Location: Environmental Services
Project Type: Studies/Assessments

Outside Funding Source: n/a
BRA Funding Source: Current Revenues
Strategic Plan Reference: III-b
Capital(CIP) or Operating(OP): OP

Financial Plan (in thousands of dollars):

	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	-	-	-	1,500	1,150	-	-	-	250	2,900
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	-	-	-	1,500	1,150	-	-	-	250	2,900
Sources of BRA Funding:										
Current Revenues	-	-	-	1,500	1,150	-	-	-	250	2,900
Reserves	-	-	-	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):

	FY 25	Project Total
BRA Staff Time	\$ -	\$ -
Construction	-	-
Contingency	-	-
Design/Engineering	-	-
Equipment	-	-
Infrastructure Acquisition	-	-
Land Easement/Acquisition	-	-
Legal	-	-
Other	1,500	2,900
Surveying	-	-
Testing/Environmental	-	-
Total	\$ 1,500	\$ 2,900

Operating Impacts (000):

	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-

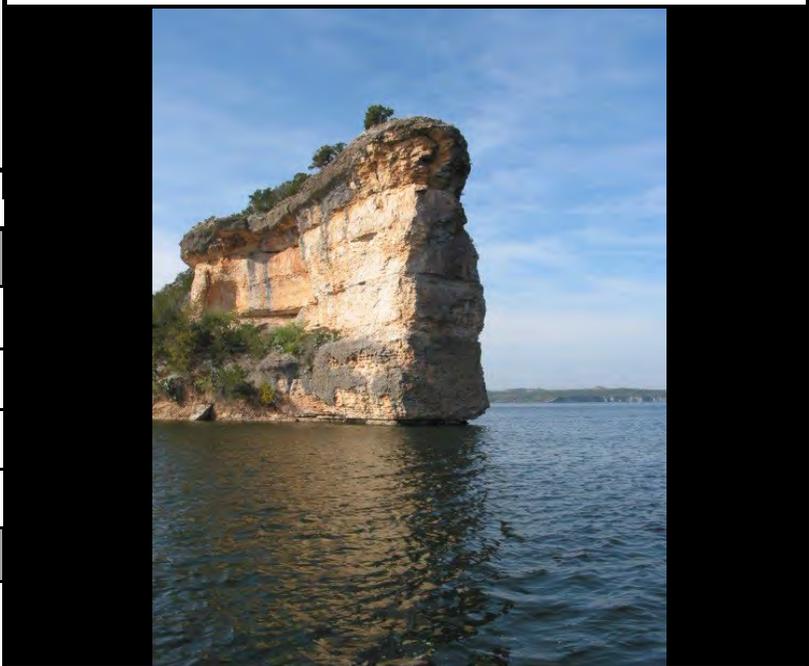
Explanation:

Project Schedule:

FY 2024	Execute Contract, Data Completion, Begin Field Studies
FY 2025	Complete field data collection efforts, begin model development
FY 2026	Complete model, train BRA staff in use and maintenance of model.

Notes:

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Pictured above: Hell's Gate at Possum Kingdom Lake

UB-LG-Electric Vulnerability Assessment

Description: An Electrical Vulnerability Assessment for DeCordova Bend Dam operations will identify, quantify, and prioritize potential vulnerabilities of the electrical system used to power the dam and the LG facilities' overall systems and create solutions to mitigate power failure. Significant layers of protection have been implemented to alleviate the potential of power failure, but in an effort to be proactive a vulnerability assessment will be pursued.

Primary Location: Upper Basin
Secondary Location: Lake Granbury
Project Type: Studies/Assessments

Outside Funding Source: n/a
BRA Funding Source: Current Revenues
Strategic Plan Reference: IV-c
Capital(CIP) or Operating(OP): OP

Financial Plan (in thousands of dollars):

	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	-	250	10	240	-	-	-	-	-	250
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	-	250	10	240	-	-	-	-	-	250
Sources of BRA Funding:										
Current Revenues	-	250	10	240	-	-	-	-	-	250
Reserves	-	-	-	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):

	FY 25	Project Total
BRA Staff Time	\$ -	\$ -
Construction	-	-
Contingency	-	-
Design/Engineering	-	-
Equipment	-	-
Infrastructure Acquisition	-	-
Land Easement/Acquisition	-	-
Legal	-	-
Other	240	250
Surveying	-	-
Testing/Environmental	-	-
Total	\$ 240	\$ 250

Operating Impacts (000):

	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-

Explanation:

Project Schedule:

FY 23/24	Prepare and advertise RFP/Select engineering consultant to conduct Electrical Vulnerability Assessment
FY 25	Complete Electrical Vulnerability Assessment

Notes:

Project and funding were moved to FY 25.



Pictured above: Southside Hoist Building

UB-LG-Embankment Stability Analysis and Assessment

Description: Per the De Cordova Bend Dam 2020 5-Year Engineering Inspection Report, it was recommended that consideration should be given to setting new piezometer threshold values, which are tied to the stability of the North and South embankments at De Cordova Bend Dam. In an effort to ensure the embankments will achieve an additional 50-year service life, an embankment assessment and stability analysis will be completed to verify whether any improvements or modifications are necessary.

Primary Location: Upper Basin
Secondary Location: Lake Granbury
Project Type: Studies/Assessments

Outside Funding Source: n/a
BRA Funding Source: Current Revenues
Strategic Plan Reference: II-b
Capital(CIP) or Operating(OP): OP

Financial Plan (in thousands of dollars):

	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	-	-	-	250	250	-	-	-	-	500
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	-	-	-	250	250	-	-	-	-	500
Sources of BRA Funding:										
Current Revenues	-	-	-	250	250	-	-	-	-	500
Reserves	-	-	-	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-	-	-	-

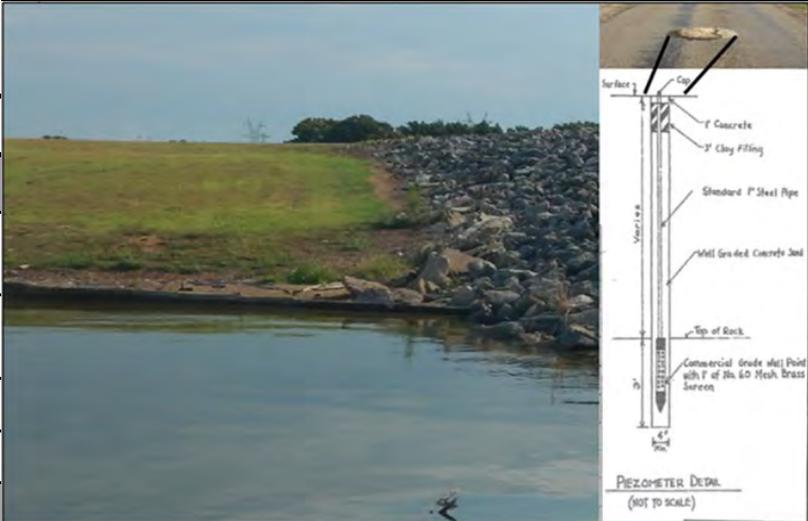
Estimated Project Costs (000):

	FY 25	Project Total
BRA Staff Time	\$ -	\$ -
Construction	-	-
Contingency	-	-
Design/Engineering	250	500
Equipment	-	-
Infrastructure Acquisition	-	-
Land Easement/Acquisition	-	-
Legal	-	-
Other	-	-
Surveying	-	-
Testing/Environmental	-	-
Total	\$ 250	\$ 500

Operating Impacts (000):

	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-

Explanation:



Pictured above: Lake Granbury South Embankment

Project Schedule:

FY24	Advertise RFP/Select engineering consultant to conduct embankment stability analysis			
FY25	Conduct embankment stability analysis			
FY26	Complete embankment stability analysis			

Notes:

--

UB-LG-Hearth Stability Analysis

Description: Per an Annual Maintenance Inspection Report, most of the drains within the Hearth (spillway section below the gates) appear to be clogged and need to be cleaned. Consequently, an engineering stability analysis is recommended to evaluate the criticality of these drains and to determine the adverse effects to the stability of the hearth due to the clogging of these drains.

Primary Location: Upper Basin
Secondary Location: Lake Granbury
Project Type: Infrastructure Maintenance

Outside Funding Source: n/a
BRA Funding Source: Current Revenues
Strategic Plan Reference: II-b
Capital(CIP) or Operating(OP): OP

Financial Plan (in thousands of dollars):

	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	-	225	200	41	-	-	-	-	-	241
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	-	225	200	41	-	-	-	-	-	241
Sources of BRA Funding:										
Current Revenues	-	225	200	41	-	-	-	-	-	241
Reserves	-	-	-	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):

	FY 25	Project Total
BRA Staff Time	\$ -	\$ -
Construction	-	-
Contingency	-	-
Design/Engineering	41	241
Equipment	-	-
Infrastructure Acquisition	-	-
Land Easement/Acquisition	-	-
Legal	-	-
Other	-	-
Surveying	-	-
Testing/Environmental	-	-
Total	\$ 41	\$ 241

Operating Impacts (000):

	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-

Explanation:



Pictured above: Hearth (facing south) at De Cordova Bend Dam

Project Schedule:

FY 23	Advertise RFP/Select engineering consultant to conduct Hearth Stability Analysis
FY 24/25	Complete Hearth Stability Analysis

Notes:

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UB-LG- Tainter Gate Evaluation

Description: The Tainter Gates at De Cordova Bend Dam were installed in 1969 during the construction of the dam and have been in service for over 50 years. This project will execute a comprehensive evaluation of all Tainter Gates, hoists, and appurtenances seeking recommendations to extend their service life. The project will also assess options to increase the freeboard of each gate to prevent wind and wave action from depositing water onto downstream gate components causing corrosion and will assess options to construct maintenance access platforms around gate equipment.

Primary Location: Upper Basin
Secondary Location: Lake Granbury
Project Type: Infrastructure Maintenance

Outside Funding Source: n/a
BRA Funding Source: Current Revenues
Strategic Plan Reference: II-b
Capital(CIP) or Operating(OP): OP

Financial Plan (in thousands of dollars):										
	Prior Years Actual	24 Budget	24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	-	250	200	350	150	50	-	-	-	750
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	-	250	200	350	150	50	-	-	-	750
Sources of BRA Funding:										
Current Revenues	-	250	200	350	150	50	-	-	-	750
Reserves	-	-	-	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):		
	FY 25	Project Total
BRA Staff Time	\$ -	\$ -
Construction	-	-
Contingency	-	-
Design/Engineering	350	750
Equipment	-	-
Infrastructure Acquisition	-	-
Land Easement/Acquisition	-	-
Legal	-	-
Other	-	-
Surveying	-	-
Testing/Environmental	-	-
Total	\$ 350	\$ 750

Operating Impacts (000):					
	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-

Explanation:



Pictured above: Downstream sides of 3 Tainter Gates at De Cordova Bend Dam.

Project Schedule:	
FY 23	Develop RFP, begin process to select consultant
FY 25-27	Conduct Study. (Future project phases TBD)

Notes:

UB-PK-Bay 9 Transition Beam Leak Remediation

Description: During the stabilization of Morris Sheppard Dam, a leak was discovered inside the dam. After investigation, it was theorized that the upstream transition beam was cracked, which consequently was the primary source of the leak. Since the actual source of the leak was not located/remediated during this time, the flow was re-routed and monitored via the Bay 9 Weir Box. In accordance with a recent Engineering Inspection Report, an investigation should be completed to confirm the source of the leak into Bay 9 followed by the development of remediation options. This is not a dam safety issue.

Primary Location: Upper Basin
Secondary Location: Possum Kingdom
Project Type: Infrastructure Maintenance

Outside Funding Source: n/a
BRA Funding Source: Current Revenues
Strategic Plan Reference: II-b
Capital(CIP) or Operating(OP): OP

Financial Plan (in thousands of dollars):										
	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	-	294	10	564	302	-	-	-	-	876
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	-	294	10	564	302	-	-	-	-	876
Sources of BRA Funding:										
Current Revenues	-	294	10	564	302	-	-	-	-	876
Reserves	-	-	-	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):		
	FY 25	Project Total
BRA Staff Time	\$ 22	\$ 36
Construction	342	490
Contingency	-	50
Design/Engineering	200	300
Equipment	-	-
Infrastructure Acquisition	-	-
Land Easement/Acquisition	-	-
Legal	-	-
Other	-	-
Surveying	-	-
Testing/Environmental	-	-
Total	\$ 564	\$ 876

Operating Impacts (000):					
	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-
Explanation:					

Project Schedule:	
FY23	Develop RFP
FY24-FY25	Select engineer and begin study
FY 26	Perform remediation

Notes:
Split \$284K remainder from FY24 between FY 25 and FY 26. Will know more about budget and project duration once we get to scope and fee negotiations.



Pictured above: Inside dam within upstream Bay 9 area exposed to leak.

UB-PK-COC Recoating and Repairs

Description: During a routine inspection of the Controlled Outlet Conduit (COC), the interior coating was damaged during normal operation. This project will recoat the interior of the COC. In addition, this project will evaluate an anomaly with the 72-inch ring jet valve.

Primary Location: Upper Basin
Secondary Location: Possum Kingdom
Project Type: Infrastructure Maintenance

Outside Funding Source: n/a
BRA Funding Source: Current Revenues
Strategic Plan Reference: II-b
Capital(CIP) or Operating(OP): OP

Financial Plan (in thousands of dollars):

	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	-	491	491	761	-	-	-	-	-	1,252
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	-	491	491	761	-	-	-	-	-	1,252
Sources of BRA Funding:										
Current Revenues	-	491	491	761	-	-	-	-	-	1,252
Reserves	-	-	-	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):

	FY 25	Project Total
BRA Staff Time	\$ 11	\$ 52
Construction	750	900
Contingency	-	50
Design/Engineering	-	250
Equipment	-	-
Infrastructure Acquisition	-	-
Land Easement/Acquisition	-	-
Legal	-	-
Other	-	-
Surveying	-	-
Testing/Environmental	-	-
Total	\$ 761	\$ 1,252

Operating Impacts (000):

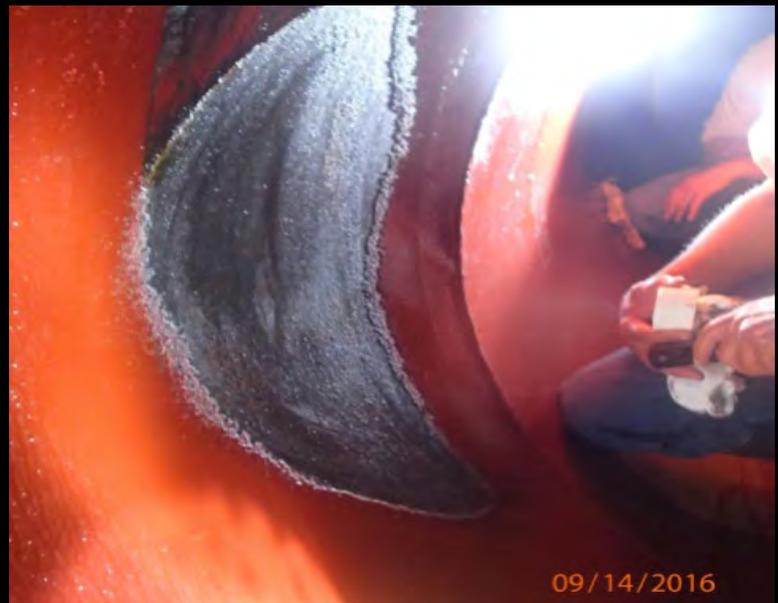
	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-

Explanation:

Project Schedule:

FY 24	RFP and weld repair
FY25	RFB and Recoating

Notes:



Pictured above: Coating eroded from pipe wall

UB-PK-Elevators Replacement

Description: The elevators at Morris Sheppard Dam use antiquated technology for which it is becoming more difficult to find replacement parts. The project objectives will be to design and rebuild both elevators in order to minimize downtime in FY 32.

Primary Location: Upper Basin
Secondary Location: Possum Kingdom
Project Type: Infrastructure Maintenance

Outside Funding Source: n/a
BRA Funding Source: Current Revenues
Strategic Plan Reference: II -b
Capital(CIP) or Operating(OP): OP

Financial Plan (in thousands of dollars):

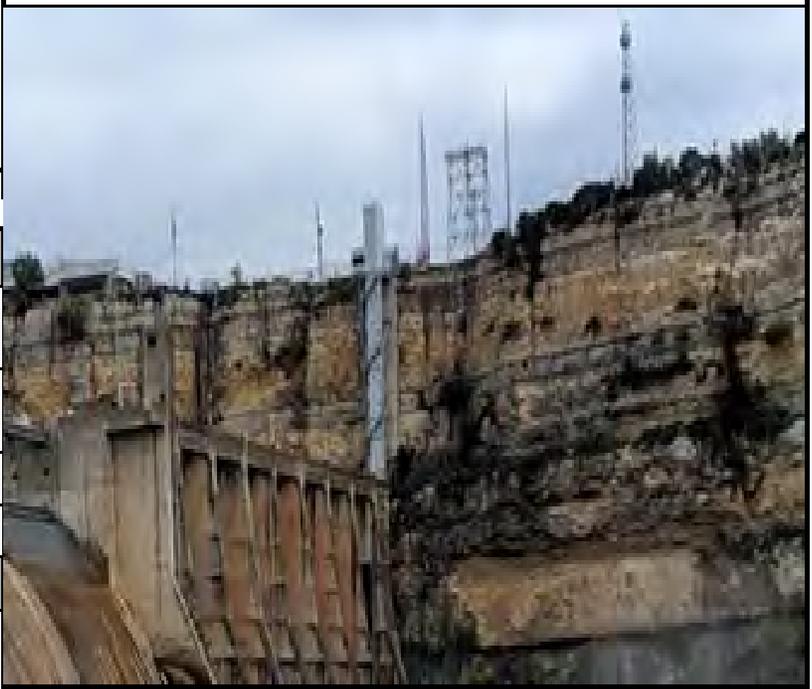
	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	-	-	-	800	-	-	-	-	300	1,100
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	-	-	-	800	-	-	-	-	300	1,100
Sources of BRA Funding:										
Current Revenues	-	-	-	800	-	-	-	-	300	1,100
Reserves	-	-	-	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):

Operating Impacts (000):

	FY 25	Project Total
BRA Staff Time	\$ -	\$ -
Construction	800	1,100
Contingency	-	-
Design/Engineering	-	-
Equipment	-	-
Infrastructure Acquisition	-	-
Land Easement/Acquisition	-	-
Legal	-	-
Other	-	-
Surveying	-	-
Testing/Environmental	-	-
Total	\$ 800	\$ 1,100

	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-
Explanation:					



Pictured above: Elevators/stairwells at MSD

Project Schedule:

FY 25	Replace Cliff and Pier 8 elevators

Notes:

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UB-PK-Operating Pier Trash Rack Replacement

Description: The trash racks for the three operating piers were designed to prevent debris from entering the inlet and spillway gates. The existing trash racks were installed in 1939 and have become deteriorated with cross sectional metal loss. The original trash racks were fabricated with mild steel, are permanently mounted, and cannot be removed for maintenance. The replacement trash racks will be fabricated and installed in-house using 316/L stainless steel. The new trash racks will be designed to be removable and installed at a different location inside each operating pier for maintenance.

Primary Location: Upper Basin
Secondary Location: Possum Kingdom
Project Type: Infrastructure Maintenance

Outside Funding Source: n/a
BRA Funding Source: Current Revenues/Reserves
Strategic Plan Reference: II - b
Capital(CIP) or Operating(OP): OP

Financial Plan (in thousands of dollars):

	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	97	189	-	230	30	-	-	-	-	357
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	97	189	-	230	30	-	-	-	-	357
Sources of BRA Funding:										
Current Revenues	-	189	-	230	30	-	-	-	-	260
Reserves	97	-	-	-	-	-	-	-	-	97
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):

	FY 25	Project Total
BRA Staff Time	\$ 200	\$ 252
Construction	30	85
Contingency	-	-
Design/Engineering	-	20
Equipment	-	-
Infrastructure Acquisition	-	-
Land Easement/Acquisition	-	-
Legal	-	-
Other	-	-
Surveying	-	-
Testing/Environmental	-	-
Total	\$ 230	\$ 357

Operating Impacts (000):

	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-

Explanation:



Pictured above: A deteriorated trash rack made out of mild steel.

Project Schedule:

FY-16	Begin design
FY-17	Complete design and begin construction
FY-18-21	Continue construction
FY-23-26	Continue Construction

Notes:

BRA staff to fabricate and install as time allows

UB-PK-Seismic Analysis & Hydrographic Sedimentation Survey

Description: Per a recent Engineering Inspection Report of Morris Sheppard Dam, it is recommended that a seismic analysis of the dam be completed using induced seismic loading and the latest information from USGS. Also, it is recommended that a hydrographic sedimentation survey should be completed within 10 years of the previous survey (i.e., before the end of 2024), as well as a comparison between the two hydrographic sedimentation surveys should be conducted in order to assess whether a revised structural analysis of Morris Sheppard Dam is necessary.

Primary Location: Upper Basin
Secondary Location: Possum Kingdom
Project Type: Studies/Assessments

Outside Funding Source: n/a
BRA Funding Source: Current Revenues
Strategic Plan Reference: II-a
Capital(CIP) or Operating(OP): OP

Financial Plan (in thousands of dollars):

	Prior Years Actual	FY 24 Budget	FY 24 Projected Actual	FY 25	FY 26	FY 27	FY 28	FY 29	Future Years	Project Total
Total Expenditures	-	-	-	200	155	-	-	-	-	355
Outside Funding	-	-	-	-	-	-	-	-	-	-
BRA Funding	-	-	-	200	155	-	-	-	-	355
Sources of BRA Funding:										
Current Revenues	-	-	-	200	155	-	-	-	-	355
Reserves	-	-	-	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-	-	-	-

Estimated Project Costs (000):

	FY 25	Project Total
BRA Staff Time	\$ -	\$ -
Construction	-	-
Contingency	-	-
Design/Engineering	-	-
Equipment	-	-
Infrastructure Acquisition	-	-
Land Easement/Acquisition	-	-
Legal	-	-
Other	200	355
Surveying	-	-
Testing/Environmental	-	-
Total	\$ 200	\$ 355

Operating Impacts (000):

	FY 25	FY 26	FY 27	FY 28	FY 29
Revenues	-	-	-	-	-
Expenses	-	-	-	-	-

Explanation:



Pictured above: Morris Sheppard Dam.

Project Schedule:

FY 24	Advertise RFP/Select consultant for Seismic Analysis and Hydrographic
FY 25/26	Complete Seismic Analysis and Hydrographic Sedimentation Survey.

Notes:

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DEBT
SERVICE



Brazos River Authority

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Debt

The Brazos River Authority (BRA) has a plan of Capital Improvement Projects to help fulfill our mission to develop, manage and protect the water resources of the Brazos River basin. Whenever possible, the BRA funds Capital Improvement Projects from reserve balances. The BRA's Long Range Financial Plan looks at existing debt, planned projects, coverage requirements and required reserve balances to forecast when the BRA might need to issue debt to fund a project.

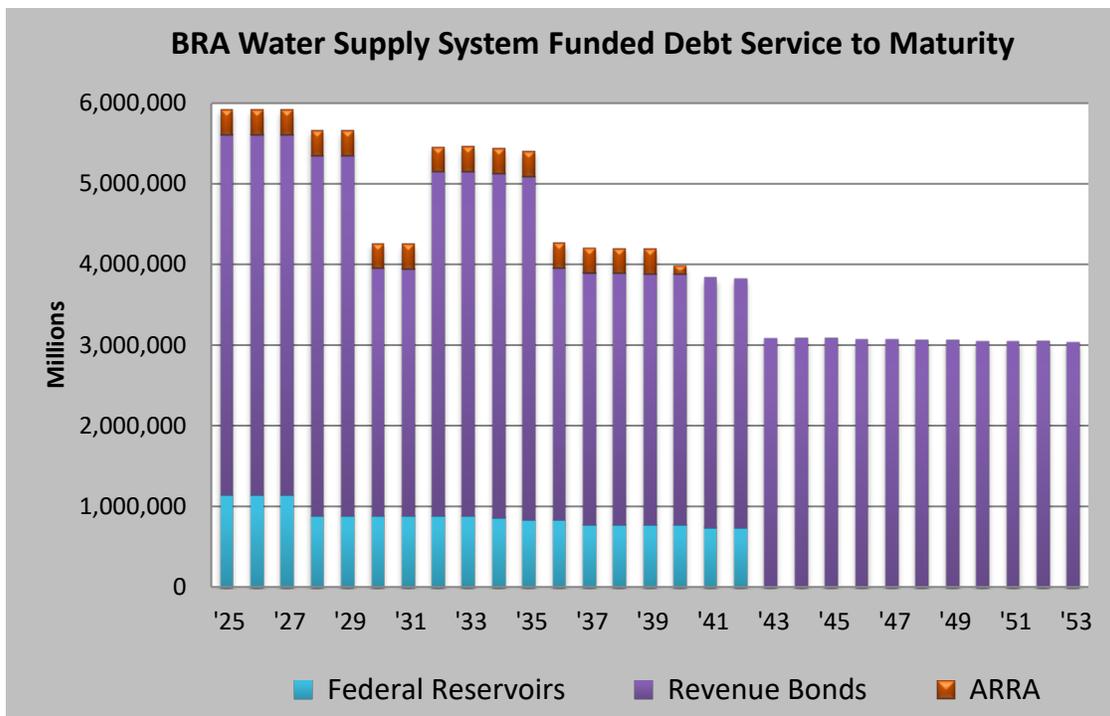
The BRA's current bond rating is AA/Stable from Standard & Poors.

When it is determined that a particular project will need to be debt funded, the BRA looks at multiple funding options, including the Texas Water Development Board, to find the most economical route to finance the project. All debt issuances must be approved by the Board of Directors.

Unlike municipalities, the BRA does not need to hold bond elections and does not have a Legal Debt Margin. None of BRA's debt is supported by taxes, it is all revenue debt supported by the sale of raw and treated water.

The Brazos River Authority Board of Directors has set a target bond coverage ratio of 1.3. This means that net revenue available to pay debt service that is subject to the coverage ratio should be 30% higher than the debt service payments. Not all of BRA's debt is subject to coverage. Certain financing from the Texas Water Development Board or through the U.S. Army Corps of Engineers is not included in the debt coverage calculation.

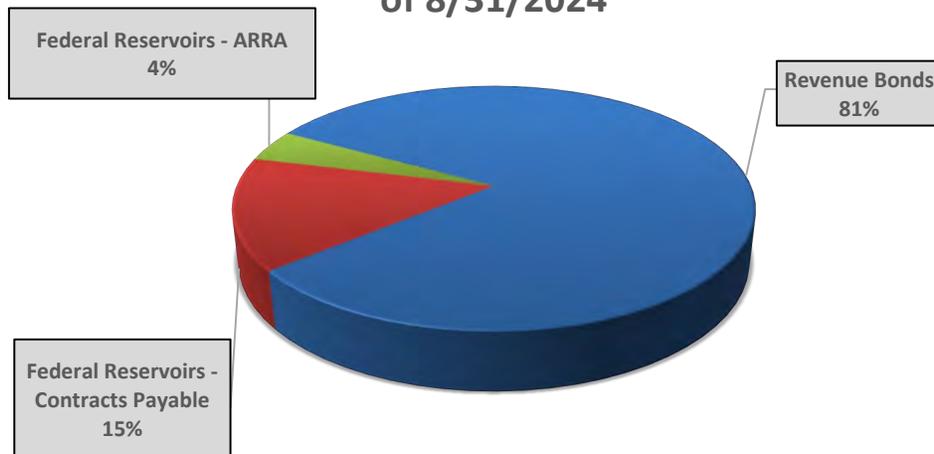
The BRA's existing debt is secured by the net operating revenues of the Water Supply System and cost reimbursable operations. The BRA has contracted with the Federal Government for conservation storage space in nine flood control and water supply lakes constructed by the U.S. Army Corps of Engineers in the Brazos River basin. The BRA has also contracted to repay reconstruction, rehabilitation, or replacement (RR&R) funded by the American Recovery Re-Investment Act (ARRA).



Outstanding Debt Summary By Type as of August 31, 2024

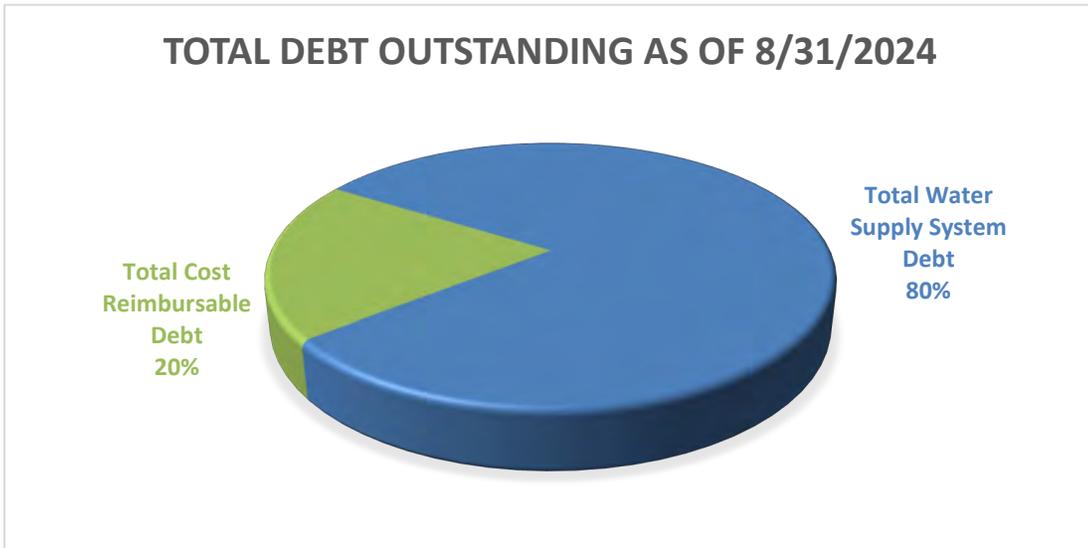
	Debt Outstanding	%	FY2025 Principal & Interest
Water Supply System Debt:			
BRA Funded (Water Sales & Contracts)			
Revenue Bonds			
Water Supply System, Series 2009	6,555,000	8%	1,402,251
Water Supply System, Series 2015	10,605,000	13%	1,135,500
Water Supply System, Series 2023B	32,595,000	40%	1,936,314
Water Supply System, Series 2023C	16,365,000	20%	-
Federal Reservoirs - Contracts Payable			
Lake Somerville	718,667	1%	252,811
Lake Georgetown	3,294,622	4%	284,804
Lake Granger	8,066,776	10%	599,360
Federal Reservoirs - American Recovery and Re-investment Act (ARRA)			
Lake Belton	3,456,188	4%	310,947
Total Water Supply System Debt	\$ 81,656,253	100%	\$ 5,921,988

**Water Supply System Debt Outstanding As
of 8/31/2024**



Outstanding Debt Summary (Continued)
By Type as of August 31, 2024

	<u>Debt Outstanding</u>	%	<u>FY2025 Principal & Interest</u>
Cost Reimbursable Debt:			
Water Conveyance			
WCRRWL - Series 2019	10,145,000	51%	1,471,250
WCRRWL - Series 2020	9,740,000	49%	1,555,350
Total Cost Reimbursable Debt	\$ 19,885,000	100%	\$ 3,026,600
Total Debt Outstanding	101,541,253	100%	8,948,588





Brazos River Authority

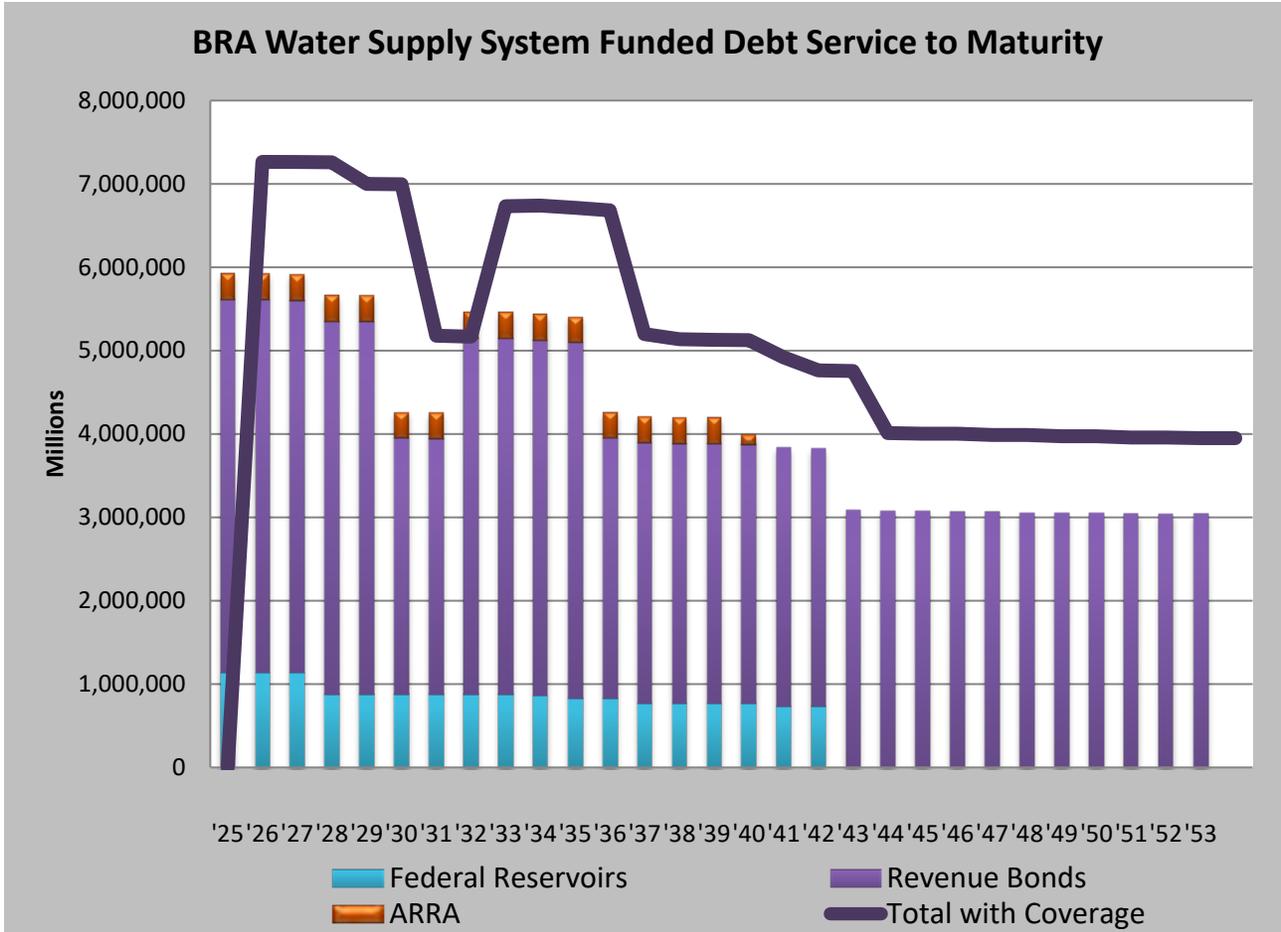
Detail of Outstanding Debt Obligations as of Fiscal Year End 8/31/24

Series name	Issue Date	Type	Purpose	Original Principal Amount	Coupon Interest rate
Water Supply System 2009 TWDB	2009	Texas Water Development Board State Participation Bond	Construction of Lake Granger intake	22,000,000	0.174% to 2.815%
Water Supply System 2015	2015	Revenue Bond	Refund Series 2006	16,860,000	0.32% to 3.29%
Water Supply System 2023B	2023	Revenue Bond	Refund Taxable New Series 2023A	33,225,000	3.02 to 4.27%
Water Supply System 2023C	2023	Revenue Bond	Refund Taxable New Series 2023A	16,365,000	3.66 to 4.96%
Lake Somerville	1974	U.S. Army Corps of Engineers Contract Payable	Water Supply Storage	7,383,391	2.74%
Lake Georgetown	1982	U.S. Army Corps of Engineers Contract Payable	Water Supply Storage	7,130,366	3.25%
Lake Granger	1992	U.S. Army Corps of Engineers Contract Payable	Water Supply Storage	15,178,384	3.26%
Lake Belton ARRA	2011	U.S. Army Corps of Engineers Contract Payable	Repairs/improvements at Lake Belton	5,439,122	4.25%
WCRRWL - Series 2019	2019	Contract Revenue & Refunding Bonds	Refund Series 1999 TWDB State Participation Loan for construction of WCRRWL	14,095,000	3.00% to 5.00%
WCRRWL Series 2020	2020	Contract Revenue Refunding & Improvement Bonds	Refund Series 2011 and add Copper Ion Generator	13,375,000	3.00%
Total				\$ 151,051,263	

The Brazos River Authority does not levy taxes. None of the BRA's debt is supported by ad valorem taxes.

Maturity Date	Balance at 8/31/2024			FY 2025 Payments		
	Principal	Interest	Total	Principal	Interest	Total
2/15/29	6,555,000	451,566	7,006,566	1,245,000	157,251	1,402,251
2/15/35	10,605,000	1,883,463	12,488,463	835,000	300,500	1,135,500
2/15/53	32,595,000	22,592,085	55,187,085	685,000	1,251,314	1,936,314
2/15/53	16,365,000	9,878,725	26,243,725	-	-	-
1/1/27	718,667	39,767	758,434	233,105	19,706	252,811
3/3/42	3,294,622	960,029	4,254,652	177,630	107,174	284,804
1/21/42	8,066,776	2,720,084	10,786,859	336,706	262,654	599,360
9/4/43	3,456,188	1,322,109	4,778,298	164,059	146,888	310,947
9/1/32	10,145,000	1,453,025	11,598,025	1,140,000	331,250	1,471,250
9/1/30	9,740,000	1,028,175	10,768,175	1,315,000	240,350	1,555,350
	\$ 101,541,253	\$ 42,329,028	\$ 143,870,281	\$ 6,131,501	\$ 2,817,087	\$ 8,948,588

Coverage & Proposed Debt



The graph above shows the debt service to maturity for BRA's existing debt. The BRA does not anticipate issuing debt in FY 2025. It also shows the coverage requirements for the debt service.

Proposed Debt

The BRA does not anticipate issuing debt in FY 2025

Note: The BRA expects Total Debt Outstanding to be \$95,474,753 at August 31, 2025, which includes principal reduction of \$6,066,501 in FY 2025.

PERSONNEL AND STAFFING



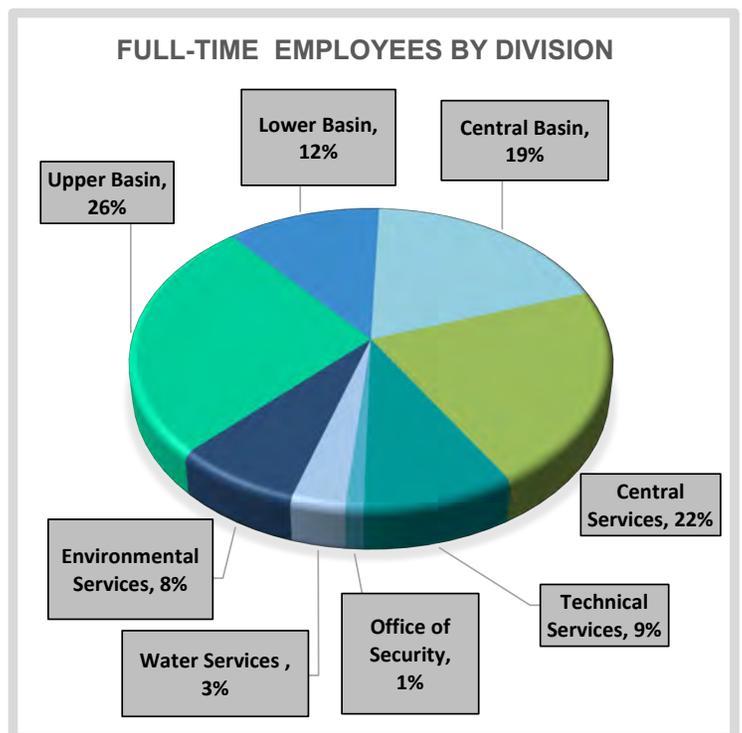
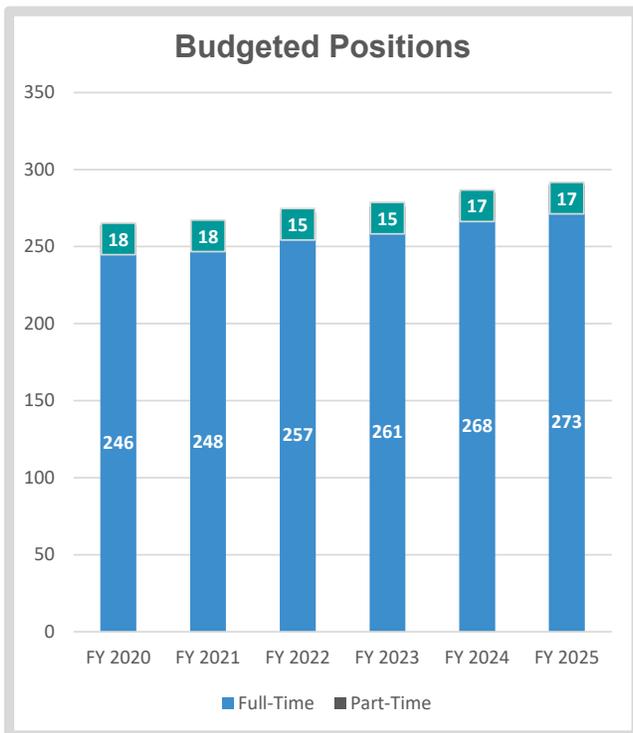
Brazos River Authority

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Changes in Budgeted Positions FY 2025

Department	Title	Full Time	Part-time / Temporary
Authorized Positions at 9/1/2023		268	17
FY 2025 Additions			
General Administration	Deputy General Manager	1	
Environmental Services	Aquatic Scientist II	1	
Lake Granbury	Dam Maintenance Foreman	1	
Lake Granbury	Maintenance Worker	1	
Possum Kingdom	File Clerk	1	
Total FY 2025 Additions		5	0
Authorized Positions at 9/1/2024		273	17



**BRAZOS RIVER AUTHORITY
LIST OF AUTHORIZED POSITIONS BY DEPARTMENT
FY 2023-2025**

POSITION TITLES	FY 2023	FY 2024	FY 2025
CENTRAL SERVICES			
General Administration			
General Manager/CEO	1	1	1
Deputy General Manager (New Position)	-	-	1
Executive Services Administrative Assistant	1	1	1
Executive Services Coordinator	1	1	1
Total General Administration	3	3	4
Legal Services			
General Counsel	1	1	1
Senior Staff Counsel	1	1	1
Staff Counsel (Formerly Senior Staff Counsel)	1	1	1
Staff Counsel	1	1	1
Junior Staff Counsel	1	1	1
Paralegal	1	1	1
Contracts Administrator	1	1	1
Legal Intern - Seasonal	1	1	1
Total Legal Services	8	8	8
Human Resources			
Human Resources Manager	1	1	1
Human Resources Assistant	1	1	1
Human Resources Benefits Administrator	1	1	1
Human Resources Coordinator	1	1	1
Human Resources Payroll Specialist	1	1	1
Human Resources Training & Development Coordinator	-	1	1
Human Resources Safety Programs Coordinator	1	1	1
Human Resources Safety Trainer	-	1	1
Receptionist	1	1	1
Total Human Resources	7	9	9
Information Technology Services			
Chief Technology Officer	1	1	1
Cybersecurity Specialist	1	1	1
Project Development Analyst (Formerly IT Special Projects Manager)	1	1	1
Network & Cloud Engineer	1	1	1
Network & Systems Administrator	1	1	1
Programming & Software Supervisor	1	1	1
Lead Programmer/Web Developer	1	1	1
Application Development Manager (Formerly Senior Programmer/GIS Analyst)	1	1	1
Programmer/Web Developer	1	1	1
IT Support Administrator	1	1	1
Lead IT Technician	1	1	1
IT Technician	1	1	1
Software Administrator	1	1	1
GIS Coordinator	1	1	1
IT Coordinator	1	1	1
IT Intern - Seasonal	1	1	1
Total Information Technology Services	16	16	16

**BRAZOS RIVER AUTHORITY
LIST OF AUTHORIZED POSITIONS BY DEPARTMENT
FY 2023-2025**

POSITION TITLES	FY 2023	FY 2024	FY 2025
Government & Customer Relations			
Legislative & Governmental Affairs Manager	1	1	1
Public Information Officer	1	1	1
Assistant Public Information Officer	1	1	1
Public Information Coordinator	1	1	1
Records Administrator	1	1	1
Legislative & Governmental Affairs Coordinator	1	1	1
Social Media Coordinator	-	1	1
Total Government & Customer Relations	6	7	7
Financial and Administration			
Chief Financial Officer	1	1	1
Senior Administrative Assistant	1	1	1
Cash & Debt Manager	1	1	1
Financial Assistant	1	1	1
Controller	1	1	1
Budget Specialist (Formerly Budget Manager)	1	1	1
Budget Analyst	1	1	1
Senior Accountant	-	1	1
Accountant	1	1	1
Accounts Receivable and Billing Coordinator	1	1	1
Accounting Clerk	1	1	1
Accounting Supervisor	1	1	1
Purchasing Card Administrator	1	1	1
Accounts Payable Clerk	1	1	1
Purchasing Manager	1	1	1
Purchasing Agent	1	1	1
Purchasing Agent	1	1	1
Total Finance and Administration	16	17	17
AUTHORIZED POSITIONS FOR CENTRAL SERVICES	56	60	61
SPECIAL PROJECTS & STRATEGIC INITIATIVES			
Special Projects & Strategic Initiatives Manager	1	1	1
Project Development Analyst	1	1	1
Program Manager (Formerly Project Development Analyst)	1	1	1
AUTHORIZED POSITIONS FOR SPECIAL PROJECTS & STRATEGIC INITIATIVES	3	3	3
WATER SERVICES			
Water Services Manager	1	1	1
Senior Water Resources Engineer	1	1	1
Senior Hydrologist	1	1	1
Senior Water Resources Planner	1	1	1
Water Resources Planner	1	1	1
Regional Planner	1	1	1
Hydrologist	1	1	1
Water Accounting Specialist	1	1	1
Water Accounting Specialist	1	1	1
Water Services Intern - Seasonal	1	1	1
AUTHORIZED POSITIONS FOR WATER SERVICES	10	10	10

**BRAZOS RIVER AUTHORITY
LIST OF AUTHORIZED POSITIONS BY DEPARTMENT
FY 2023-2025**

POSITION TITLES	FY 2023	FY 2024	FY 2025
ENVIRONMENTAL SERVICES			
Environmental & Compliance Manager	1	1	1
Quality Assurance Officer	1	1	1
Deputy Quality Assurance Officer	1	1	1
Environmental Services Coordinator	1	1	1
Environmental Programs Manager	1	1	1
Environmental Programs Coordinator	1	1	1
Regulatory Compliance & Permitting Coordinator	1	1	1
Field Operations Manager	1	1	1
Aquatic Scientist III	1	1	1
Aquatic Scientist III	1	1	1
Aquatic Scientist III (Formerly Aquatic Scientist II)	1	1	1
Aquatic Scientist II	1	1	1
Aquatic Scientist II (New Position)	1	-	1
Aquatic Scientist I	1	1	1
Aquatic Scientist I	1	1	1
Emergency Manager (Formerly Environmental Health & Safety Program Coordinator)	1	1	1
Emergency Management Coordinator	1	1	1
Lab Manager	1	1	1
Lab Analyst III (Formerly Lab Technician IV)	1	1	1
Lab Analyst III (Formerly Lab Technician IV)	1	1	1
AUTHORIZED POSITIONS FOR ENVIROMENTAL SERVICES	20	19	20
OFFICE OF SECURITY			
Security Manager	1	1	1
Facility Protection Technician	1	1	1
Senior Administrative Assistant	1	1	1
AUTHORIZED POSITIONS FOR OFFICE OF SECURITY	3	3	3
TECHNICAL SERVICES			
Management			
Technical Services Manager	1	1	1
Senior Administrative Assistant	1	1	1
Property & Land Administrator	1	1	1
Capital Improvement Planning Administrator	1	1	1
Project Management Office Manager	1	1	1
Project Development Analyst (Formerly Project Manager)	1	1	1
Property & Land Coordinator	-	1	1
Total Technical Services Management	6	7	7

**BRAZOS RIVER AUTHORITY
LIST OF AUTHORIZED POSITIONS BY DEPARTMENT
FY 2023-2025**

POSITION TITLES	FY 2023	FY 2024	FY 2025
Engineering			
Engineering Services Manager	1	1	1
Senior Project Engineer	1	1	1
Senior Project Engineer	1	1	1
Project Engineer	1	1	1
Project Engineer	-	1	1
Construction Services Manager	1	1	1
Project Coordinator	1	1	1
Project Coordinator	1	1	1
Electrical & Automated Controls Supervisor	1	1	1
Senior Automated Systems Technician	1	1	1
Senior Automated Systems Technician	1	1	1
Senior Controls Technician	1	1	1
Master Electrician	1	1	1
Master Electrician	1	1	1
Controls Technician (Formerly Electrical Technician)	1	1	1
Facilities Technician	1	1	1
Engineering Intern - Seasonal	1	1	1
Engineering Intern - Seasonal	1	1	1
Total Engineering	17	18	18
AUTHORIZED POSITIONS FOR TECHNICAL SERVICES	23	25	25
UPPER BASIN			
Management			
Regional Manager, Upper Basin	1	1	1
Senior Administrative Assistant	1	1	1
Regional Business & Project Development Manager	1	1	1
Upper Basin Regional Government & Customer Relations Manager	1	1	1
Project Manager	1	1	1
Total Upper Basin Management	5	5	5
Possum Kingdom Lake - Management			
Reservoir Manager	1	1	1
Project Manager/Program Coordinator	1	1	1
Inspections Supervisor	1	1	1
Inspector	1	1	1
Inspector	1	1	1
Office Supervisor	1	1	1
Asset Management Application Administrator	1	1	1
Administrative Assistant	1	1	1
File Clerk (New Position)	-	-	1
Reservoir Programs Coordinator (Formerly Lake Ranger- Transferred from PK Lake Ops)	-	-	1
Reservoir Programs Coordinator (Formerly Lake Ranger- Transferred from PK Lake Ops)	-	-	1
Total Possum Kingdom Lake Management	8	8	11
Possum Kingdom Lake - Solid Waste			
Senior Convenience Station Operator	1	1	1
Convenience Station Operator	1	1	1
Total Possum Kingdom Lake Solid Waste	2	2	2

**BRAZOS RIVER AUTHORITY
LIST OF AUTHORIZED POSITIONS BY DEPARTMENT
FY 2023-2025**

POSITION TITLES	FY 2023	FY 2024	FY 2025
Possum Kingdom Lake - Maintenance			
Maintenance Chief	1	1	1
Maintenance Foreman	1	1	1
Maintenance Foreman	1	1	1
Lead Maintenance Worker	1	1	1
Lead Maintenance Worker	1	1	1
Senior Maintenance Worker	1	1	1
Senior Maintenance Worker	1	1	1
Senior Maintenance Worker	1	1	1
Maintenance Worker	1	1	1
Maintenance Worker	1	1	1
Maintenance Worker (Welder Position Transferred from Dam Operations)	-	-	1
Mechanic	1	1	1
Custodian	1	1	1
Maintenance Worker - Seasonal	1	1	1
Maintenance Worker - Seasonal	1	1	1
Maintenance Worker - Seasonal	1	1	1
Total Possum Kingdom Lake Maintenance	15	15	16
Possum Kingdom Lake - Lake Operations			
Lake Ranger - Sergeant (Resident) (Delete Position)	1	-	-
Lake Ranger (Resident) (Delete Position)	1	-	-
Lake Ranger (Resident) (Delete Position)	1	-	-
Reservoir Programs Coordinator (Formerly Lake Ranger- Transferred to PK Management)	1	1	-
Reservoir Programs Coordinator (Formerly Lake Ranger- Transferred to PK Management)	1	1	-
Gatekeeper - Seasonal	1	1	1
Gatekeeper - Seasonal	1	1	1
Gatekeeper - Seasonal	1	1	1
Gatekeeper - Seasonal	1	1	1
Total Possum Kingdom Lake Operations	9	6	4
Possum Kingdom Lake - Dam Operations			
Maintenance Superintendent	1	1	1
Concrete Maintenance Foreman	1	1	1
Maintenance Foreman	1	1	1
Sandblasting Foreman	-	1	1
Lead Welder	1	1	1
Welder	1	1	1
Welder	1	1	1
Lead Concrete Worker/Finisher	1	1	1
Concrete Worker/Finisher	1	1	1
Concrete Worker/Finisher	1	1	1
Concrete Worker/Finisher	1	1	1
Concrete Worker/Finisher	-	1	1
Concrete Worker/Finisher	-	1	1
Concrete Worker/Finisher	-	1	1
Lead Welder/Crane Operator	1	1	1
Welder/Crane Operator	1	1	1
Welder/Crane Operator (Transferred to PK- Lake Maintenance)	1	1	-
Lead Sandblaster/Metallizer/Painter (Formerly Lead Abrasive Blaster/Metallizer/Painter)	1	1	1
Sandblaster/Metallizer/Painter (Formerly Abrasive Blaster/Metallizer/Painter)	1	1	1
Sandblaster/Metallizer/Painter (Formerly Abrasive Blaster/Metallizer/Painter)	1	1	1
Sandblaster/Metallizer/Painter (Formerly Abrasive Blaster/Metallizer/Painter)	1	1	1
Heavy Equipment Mechanic	1	1	1
Total Possum Kingdom Dam Operations	18	22	21

**BRAZOS RIVER AUTHORITY
LIST OF AUTHORIZED POSITIONS BY DEPARTMENT
FY 2023-2025**

POSITION TITLES	FY 2023	FY 2024	FY 2025
Lake Granbury			
Reservoir Manager	1	1	1
Lake Ranger - Sergeant	1	1	1
Lake Ranger	1	1	1
Lake Ranger	1	1	1
Lake Ranger	1	1	1
Project Manager/Program Coordinator	1	1	1
Inspections & Permitting Coordinator	1	1	1
Maintenance Chief	1	1	1
Maintenance Foreman	1	1	1
Lead Maintenance Worker	1	1	1
Senior Maintenance Worker	1	1	1
Senior Maintenance Worker	1	1	1
Senior Maintenance Worker	1	1	1
Senior Maintenance Worker	1	1	1
Maintenance Worker	1	1	1
Maintenance Worker	1	1	1
Administrative Assistant	1	1	1
Senior Administrative Assistant	1	1	1
Maintenance Coordinator	1	1	1
Dam Maintenance Foreman (New Position)	-	-	1
Maintenance Worker (New Position)	-	-	1
Total Lake Granbury	19	19	21
AUTHORIZED POSITIONS FOR THE UPPER BASIN			
	76	77	80
CENTRAL BASIN			
Central/Lower Basin Management			
Regional Manager, Central/Lower Basin	1	1	1
Senior Administrative Assistant	1	1	1
Regional Business & Project Development Manager	1	1	1
Senior Project Manager	1	1	1
Regional Government & Customer Relations Manager (Central Basin)	1	1	1
Regional Government & Customer Relations Manager (Lower Basin)	1	1	1
Total Central/Lower Basin Management	6	6	6
Temple-Belton Wastewater			
Chief Operator	1	1	1
Senior Administrative Assistant	1	1	1
Lead Plant Operator	1	1	1
Senior Plant Operator	1	1	1
Plant Operator	1	1	1
Lead Plant Maintenance Technician	1	1	1
Compost Operation Technician	1	1	1
Compost Operation Technician	1	1	1
Operations Intern - Seasonal	1	1	1
Total Temple-Belton Wastewater	9	9	9
Temple Lift Stations			
Senior Plant Maintenance Technician	1	1	1
Total Temple Lift Stations	1	1	1

**BRAZOS RIVER AUTHORITY
LIST OF AUTHORIZED POSITIONS BY DEPARTMENT
FY 2023-2025**

POSITION TITLES	FY 2023	FY 2024	FY 2025
Doshier Farm Wastewater			
Plant Maintenance Crew Leader	1	1	1
Senior Plant Operator (Formerly Lead Plant Operator)	1	1	1
Senior Plant Operator	1	1	1
Plant Operator	1	1	1
Total Doshier Farm Wastewater	4	4	4
Central Basin Water Treatment Management			
Regional Administrative & Ops Program Supervisor	1	1	1
Regional Maintenance Superintendent	1	1	1
Regional Water/Wastewater Operations Superintendent	1	1	1
Assistant Regional Superintendent	1	1	1
Lead Pipeline Technician	1	1	1
Pipeline Technician	1	1	1
Chief Operator - Hutto	1	1	1
Lead Plant Operator - Hutto	1	1	1
Lead Plant Maintenance Technician	1	1	1
Senior Plant Maintenance Technician	1	1	1
Lead Plant Maintenance Technician	1	1	1
Lead Maintenance Technician	1	1	1
Industrial Pre-Treatment Support Specialist	1	1	1
Regional Operations Programs Coordinator	1	1	1
Senior Administrative Assistant	1	1	1
Total Central Basin Water Treatment Management	15	15	15
Hutto Wastewater			
Senior Plant Operator	1	1	1
Senior Plant Operator	-	1	1
Senior Plant Maintenance Technician	1	1	1
Plant Maintenance Technician	1	1	1
Total Hutto Wastewater	3	4	4
East Williamson County Water Treatment			
Chief Operator	1	1	1
Lead Plant Operator	1	1	1
Senior Plant Operator	1	1	1
Senior Plant Operator	1	1	1
Plant Maintenance Crew Leader	1	1	1
Lead Plant Maintenance Technician	1	1	1
Senior Plant Maintenance Technician	1	1	1
Senior Administrative Assistant	1	1	1
Operations Intern - Seasonal	1	1	1
Total East Williamson County Water Treatment	9	9	9
Sandy Creek Water Treatment			
Chief Operator	1	1	1
Lead Plant Operator	1	1	1
Lead Plant Operator	1	1	1
Senior Plant Operator	1	1	1
Senior Plant Maintenance Technician	1	1	1
Total Sandy Creek Water Treatment	5	5	5
AUTHORIZED POSITIONS FOR THE CENTRAL BASIN	52	53	53

**BRAZOS RIVER AUTHORITY
LIST OF AUTHORIZED POSITIONS BY DEPARTMENT
FY 2023-2025**

POSITION TITLES	FY 2023	FY 2024	FY 2025
LOWER BASIN			
Lake Limestone			
Reservoir Manager	1	1	1
Assistant Reservoir Manager / Program Coordinator	1	1	1
Senior Administrative Assistant	1	1	1
Inspector	1	1	1
Lake Ranger	1	1	1
Lake Ranger Sergeant- Resident	1	1	1
Lake Ranger - Resident	1	1	1
Maintenance Foreman	1	1	1
Lead Maintenance Worker	1	1	1
Senior Maintenance Worker	1	1	1
Senior Maintenance Worker	1	1	1
Maintenance Worker	1	1	1
Maintenance Worker	1	1	1
Maintenance Worker	1	1	1
Maintenance Worker - Seasonal	-	1	1
Maintenance Worker - Seasonal	-	1	1
Total Lake Limestone	14	16	16
Sugar Land Wastewater			
Chief Operator	1	1	1
Senior Administrative Assistant	1	1	1
Lead Plant Operator	1	1	1
Lead Plant Operator	1	1	1
Lead Plant Operator	1	1	1
Senior Plant Operator	1	1	1
Senior Plant Operator	1	1	1
Plant Operator	1	1	1
Plant Operator	1	1	1
Plant Maintenance Crew Leader	1	1	1
Lead Plant Maintenance Technician	1	1	1
Lead Plant Maintenance Technician (Formerly Senior Plant Maintenance Technician)	1	1	1
Plant Maintenance Technician	1	1	1
Plant Maintenance Technician	1	1	1
Operations Intern - Seasonal	1	1	1
Total Sugar Land Wastewater	15	15	15
Clute Wastewater			
Plant Supervisor	1	1	1
Plant Maintenance Tech	1	1	1
Lead Plant Operator	1	1	1
Plant Operator	1	1	1
Total Clute Wastewater	4	4	4
AUTHORIZED POSITIONS FOR THE LOWER BASIN			
	33	35	35
Total Full-Time Authorized Positions	261	268	273
Total Part-Time/Temporary Positions	15	17	17
TOTAL AUTHORIZED POSITIONS	276	285	290

**Exempt Pay Group Schedule
FY 2025**

Pay Group	Pay Basis	Minimum	25th Percentile	Midpoint	Maximum
613	Annual	\$ 59,059.77	\$ 67,918.73	\$ 76,777.70	\$ 94,495.63
	Semi-Monthly	\$ 2,460.82	\$ 2,829.95	\$ 3,199.07	\$ 3,937.32
	Monthly	\$ 4,921.65	\$ 5,659.89	\$ 6,398.14	\$ 7,874.64
	Hourly	\$ 28.39	\$ 32.65	\$ 36.91	\$ 45.43
614	Annual	\$ 64,079.61	\$ 73,691.55	\$ 83,303.49	\$ 102,527.37
	Semi-Monthly	\$ 2,669.98	\$ 3,070.48	\$ 3,470.98	\$ 4,271.97
	Monthly	\$ 5,339.97	\$ 6,140.96	\$ 6,941.96	\$ 8,543.95
	Hourly	\$ 30.81	\$ 35.43	\$ 40.05	\$ 49.29
615	Annual	\$ 69,846.18	\$ 80,323.10	\$ 90,800.03	\$ 111,753.88
	Semi-Monthly	\$ 2,910.26	\$ 3,346.80	\$ 3,783.33	\$ 4,656.41
	Monthly	\$ 5,820.51	\$ 6,693.59	\$ 7,566.67	\$ 9,312.82
	Hourly	\$ 33.58	\$ 38.62	\$ 43.65	\$ 53.73
616	Annual	\$ 76,481.56	\$ 87,953.80	\$ 99,426.03	\$ 122,370.50
	Semi-Monthly	\$ 3,186.73	\$ 3,664.74	\$ 4,142.75	\$ 5,098.77
	Monthly	\$ 6,373.46	\$ 7,329.48	\$ 8,285.50	\$ 10,197.54
	Hourly	\$ 36.77	\$ 42.29	\$ 47.80	\$ 58.83
617	Annual	\$ 84,127.73	\$ 96,746.89	\$ 109,366.05	\$ 134,604.37
	Semi-Monthly	\$ 3,505.32	\$ 4,031.12	\$ 4,556.92	\$ 5,608.52
	Monthly	\$ 7,010.64	\$ 8,062.24	\$ 9,113.84	\$ 11,217.03
	Hourly	\$ 40.45	\$ 46.51	\$ 52.58	\$ 64.71
618	Annual	\$ 92,959.30	\$ 106,903.19	\$ 120,847.09	\$ 148,734.88
	Semi-Monthly	\$ 3,873.30	\$ 4,454.30	\$ 5,035.30	\$ 6,197.29
	Monthly	\$ 7,746.61	\$ 8,908.60	\$ 10,070.59	\$ 12,394.57
	Hourly	\$ 44.69	\$ 51.40	\$ 58.10	\$ 71.51
619	Annual	\$ 103,184.95	\$ 118,662.69	\$ 134,140.43	\$ 165,095.92
	Semi-Monthly	\$ 4,299.37	\$ 4,944.28	\$ 5,589.18	\$ 6,879.00
	Monthly	\$ 8,598.75	\$ 9,888.56	\$ 11,178.37	\$ 13,757.99
	Hourly	\$ 49.61	\$ 57.05	\$ 64.49	\$ 79.37
620	Annual	\$ 115,048.86	\$ 132,306.19	\$ 149,563.52	\$ 184,078.18
	Semi-Monthly	\$ 4,793.70	\$ 5,512.76	\$ 6,231.81	\$ 7,669.92
	Monthly	\$ 9,587.41	\$ 11,025.52	\$ 12,463.63	\$ 15,339.85
	Hourly	\$ 55.31	\$ 63.61	\$ 71.91	\$ 88.50
621	Annual	\$ 128,853.42	\$ 148,181.43	\$ 167,509.44	\$ 206,165.47
	Semi-Monthly	\$ 5,368.89	\$ 6,174.23	\$ 6,979.56	\$ 8,590.23
	Monthly	\$ 10,737.78	\$ 12,348.45	\$ 13,959.12	\$ 17,180.46
	Hourly	\$ 61.95	\$ 71.24	\$ 80.53	\$ 99.12
622	Annual	\$ 144,957.79	\$ 166,701.46	\$ 188,445.12	\$ 231,932.46
	Semi-Monthly	\$ 6,039.91	\$ 6,945.89	\$ 7,851.88	\$ 9,663.85
	Monthly	\$ 12,079.82	\$ 13,891.79	\$ 15,703.76	\$ 19,327.71
	Hourly	\$ 69.69	\$ 80.14	\$ 90.60	\$ 111.51
623	Annual	\$ 166,701.46	\$ 191,706.67	\$ 216,711.89	\$ 266,722.33
	Semi-Monthly	\$ 6,945.89	\$ 7,987.78	\$ 9,029.66	\$ 11,113.43
	Monthly	\$ 13,891.79	\$ 15,975.56	\$ 18,059.32	\$ 22,226.86
	Hourly	\$ 80.14	\$ 92.17	\$ 104.19	\$ 128.23
624	Annual	\$ 199,208.24	\$ 229,089.48	\$ 258,970.71	\$ 318,733.18
	Semi-Monthly	\$ 8,300.34	\$ 9,545.39	\$ 10,790.45	\$ 13,280.55
	Monthly	\$ 16,600.69	\$ 19,090.79	\$ 21,580.89	\$ 26,561.10
	Hourly	\$ 95.77	\$ 110.14	\$ 124.51	\$ 153.24

Location Differentials: PK 2%; EWC, SC, TB, & Doshier 4%; SL & Clute 9%; PK RSMU 12%

Non-Exempt Pay Group Schedule FY 2025

Pay Group	Pay Basis	Minimum	25th Percentile	Midpoint	Maximum
912	Annual	\$ 30,693.34	\$ 34,913.68	\$ 39,134.01	\$ 47,574.68
	Semi-Monthly	\$ 1,278.89	\$ 1,454.74	\$ 1,630.58	\$ 1,982.28
	Monthly	\$ 2,557.78	\$ 2,909.47	\$ 3,261.17	\$ 3,964.56
	Hourly	\$ 14.76	\$ 16.79	\$ 18.81	\$ 22.87
913	Annual	\$ 32,536.21	\$ 37,009.94	\$ 41,483.67	\$ 50,431.12
	Semi-Monthly	\$ 1,355.68	\$ 1,542.08	\$ 1,728.49	\$ 2,101.30
	Monthly	\$ 2,711.35	\$ 3,084.16	\$ 3,456.97	\$ 4,202.59
	Hourly	\$ 15.64	\$ 17.79	\$ 19.94	\$ 24.25
914	Annual	\$ 34,551.35	\$ 39,302.16	\$ 44,052.97	\$ 53,554.59
	Semi-Monthly	\$ 1,439.64	\$ 1,637.59	\$ 1,835.54	\$ 2,231.44
	Monthly	\$ 2,879.28	\$ 3,275.18	\$ 3,671.08	\$ 4,462.88
	Hourly	\$ 16.61	\$ 18.90	\$ 21.18	\$ 25.75
915	Annual	\$ 36,764.05	\$ 41,819.11	\$ 46,874.16	\$ 56,984.28
	Semi-Monthly	\$ 1,531.84	\$ 1,742.46	\$ 1,953.09	\$ 2,374.34
	Monthly	\$ 3,063.67	\$ 3,484.93	\$ 3,906.18	\$ 4,748.69
	Hourly	\$ 17.68	\$ 20.11	\$ 22.54	\$ 27.40
916	Annual	\$ 39,190.12	\$ 44,578.76	\$ 49,967.40	\$ 60,744.69
	Semi-Monthly	\$ 1,632.92	\$ 1,857.45	\$ 2,081.98	\$ 2,531.03
	Monthly	\$ 3,265.84	\$ 3,714.90	\$ 4,163.95	\$ 5,062.06
	Hourly	\$ 18.84	\$ 21.43	\$ 24.02	\$ 29.20
917	Annual	\$ 41,856.43	\$ 47,611.69	\$ 53,366.95	\$ 64,877.46
	Semi-Monthly	\$ 1,744.02	\$ 1,983.82	\$ 2,223.62	\$ 2,703.23
	Monthly	\$ 3,488.04	\$ 3,967.64	\$ 4,447.25	\$ 5,406.46
	Hourly	\$ 20.12	\$ 22.89	\$ 25.66	\$ 31.19
918	Annual	\$ 44,786.68	\$ 50,944.85	\$ 57,103.01	\$ 69,419.35
	Semi-Monthly	\$ 1,866.11	\$ 2,122.70	\$ 2,379.29	\$ 2,892.47
	Monthly	\$ 3,732.22	\$ 4,245.40	\$ 4,758.58	\$ 5,784.95
	Hourly	\$ 21.53	\$ 24.49	\$ 27.45	\$ 33.37
919	Annual	\$ 48,012.48	\$ 54,614.20	\$ 61,215.91	\$ 74,419.35
	Semi-Monthly	\$ 2,000.52	\$ 2,275.59	\$ 2,550.66	\$ 3,100.81
	Monthly	\$ 4,001.04	\$ 4,551.18	\$ 5,101.33	\$ 6,201.61
	Hourly	\$ 23.08	\$ 26.26	\$ 29.43	\$ 35.78
920	Annual	\$ 51,567.03	\$ 58,657.50	\$ 65,747.96	\$ 79,928.90
	Semi-Monthly	\$ 2,148.63	\$ 2,444.06	\$ 2,739.50	\$ 3,330.37
	Monthly	\$ 4,297.25	\$ 4,888.12	\$ 5,479.00	\$ 6,660.74
	Hourly	\$ 24.79	\$ 28.20	\$ 31.61	\$ 38.43
921	Annual	\$ 55,488.26	\$ 63,117.89	\$ 70,747.53	\$ 86,006.80
	Semi-Monthly	\$ 2,312.01	\$ 2,629.91	\$ 2,947.81	\$ 3,583.62
	Monthly	\$ 4,624.02	\$ 5,259.82	\$ 5,895.63	\$ 7,167.23
	Hourly	\$ 26.68	\$ 30.35	\$ 34.01	\$ 41.35
922	Annual	\$ 59,815.67	\$ 68,040.32	\$ 76,264.98	\$ 92,714.29
	Semi-Monthly	\$ 2,492.32	\$ 2,835.01	\$ 3,177.71	\$ 3,863.10
	Monthly	\$ 4,984.64	\$ 5,670.03	\$ 6,355.41	\$ 7,726.19
	Hourly	\$ 28.76	\$ 32.71	\$ 36.67	\$ 44.57
923	Annual	\$ 64,600.92	\$ 73,483.55	\$ 82,366.18	\$ 100,131.43
	Semi-Monthly	\$ 2,691.71	\$ 3,061.81	\$ 3,431.92	\$ 4,172.14
	Monthly	\$ 5,383.41	\$ 6,123.63	\$ 6,863.85	\$ 8,344.29
	Hourly	\$ 31.06	\$ 35.33	\$ 39.60	\$ 48.14

Location Differentials: PK 2%; EWC, SC, TB, & Doshier 4%; SL & Clute 9%; PK RSMU 12%



Brazos River Authority

Quality • Conservation • Service

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EXPENDITURE
DETAIL

**Brazos River Authority
FY 2025 Budget
Outside Services**

Description	Professional Services	Consulting Services	Lab Services	Advertising	Insurance	Total
UPPER BASIN						
Upper Basin Management						
Legal Fees	5,000	-	-	-	-	
Newspaper Advertising	-	-	-	200	-	
Property and Liability Insurance	-	-	-	-	799	
Total Upper Basin Management	5,000	-	-	200	799	5,999
Possum Kingdom Lake						
Contract Surveying	5,000	-	-	-	-	
LiDAR Surveys	30,000	-	-	-	-	
Pier Plate Work Consultation	100,000	-	-	-	-	
Engineering Consulting Services	75,000	-	-	-	-	
Annual Maintenance Inspection	179,316	-	-	-	-	
Updates to PFMA, STI and DSSMP	10,000	-	-	-	-	
Structural Engineering Consulting Services	25,000	-	-	-	-	
5 Year Engineering Inspection Morris Sheppard Dam	250,000	-	-	-	-	
Evaluation of Instrumentation Threshold Values	25,000	-	-	-	-	
Instrumentation Evaluation	100,000	-	-	-	-	
Annual Geotechnical Inspection	50,000	-	-	-	-	
Palo Pinto County Interlocal	-	185,000	-	-	-	
Automated Call Notifications	-	1,000	-	-	-	
Monthly Alarm Monitoring Services	-	5,000	-	-	-	
Water Samples for Environmental Control	-	720	-	-	-	
EAP Hosted Meetings	-	700	-	-	-	
Request for Bids; Job Openings; Reserve Program	-	-	-	500	-	
Property and Liability Insurance	-	-	-	-	102,202	
Total Possum Kingdom Lake	849,316	192,420	-	500	102,202	1,144,438
Lake Granbury						
Engineering Geotechnical Consulting Services	50,000	-	-	-	-	
Annual Maintenance Inspection	130,000	-	-	-	-	
Engineering Consulting Services	30,000	-	-	-	-	
5 Year Engineering Survey	88,700	-	-	-	-	
Security Alarm Monitoring	-	2,056	-	-	-	
Fire Extinguisher Yearly Inspections	-	2,000	-	-	-	
Automated Call Notification	-	3,000	-	-	-	
Request for Bids; Job Openings	-	-	-	2,950	-	
Property and Liability Insurance	-	-	-	-	37,773	
Total Lake Granbury	298,700	7,056	-	2,950	37,773	346,479
CENTRAL BASIN						
Central/Lower Basin Management						
CB/LB Project Development	35,000	-	-	-	-	
Security Alarm Monitoring - Georgetown office	-	5,000	-	-	-	
Advertise Public Meetings	-	-	-	500	-	
Property and Liability Insurance	-	-	-	-	959	
Total Central Basin Management	35,000	5,000	-	500	959	41,459
Central Basin Water Treatment Ops						
Property and Liability Insurance	-	-	-	-	25,286	
Total Central Basin Water Treatment Ops	-	-	-	-	25,286	25,286
Williamson County Regional Raw Water Line						
Dig Tess and Line Locates	-	3,600	-	-	-	
Security System App. Use Fee	-	1,000	-	-	-	
Dive Inspection	-	8,250	-	-	-	
Easement Surveys	-	3,000	-	-	-	
Annual Inspection Overhead Crane	-	225	-	-	-	
Annual Motor, Pump, Surge Valves	-	8,000	-	-	-	
Switchgear Inspections	-	20,000	-	-	-	
Property and Liability Insurance	-	-	-	-	42,040	
Total Williamson County Regional Raw Water Line	-	44,075	-	-	42,040	86,115
Temple-Belton Wastewater						
Security System App. Use Fee	-	1,000	-	-	-	
Risk Mgmt. Plan Compliance Consulting	-	2,175	-	-	-	
Lab Analysis	-	-	203,808	-	-	
Property and Liability Insurance	-	-	-	-	1,278	
Total Temple-Belton Wastewater	-	3,175	203,808	-	1,278	208,261

**Brazos River Authority
FY 2025 Budget
Outside Services**

Description	Professional Services	Consulting Services	Lab Services	Advertising	Insurance	Total
Doshier Farm Wastewater						
Risk Mgmt. Plan Compliance Consulting	-	2,175	-	-	-	
Security System App. Use Fee	-	1,000	-	-	-	
Lab Analysis	-	-	156,177	-	-	
Property and Liability Insurance	-	-	-	-	639	
Total Doshier Farm Wastewater	-	3,175	156,177	-	639	159,991
Hutto Wastewater						
Security System App. Fee	-	2,000	-	-	-	
Lab Analysis	-	-	118,775	-	-	
Property and Liability Insurance	-	-	-	-	479	
Total Hutto	-	2,000	118,775	-	479	121,254
Sandy Creek Water Treatment						
Security System App. Fee	-	1,000	-	-	-	
Lab Analysis	-	-	11,101	-	-	
Property and Liability Insurance	-	-	-	-	1,595	
Total Sandy Creek Water Treatment	-	1,000	11,101	-	1,595	13,696
East Williamson County RWS						
Dive Services (Underwater Tank/Intake Inspections)	-	4,000	-	-	-	
Risk Mgmt. Plan Compliance Consulting	-	2,175	-	-	-	
Pump and Meter Calibration	-	250	-	-	-	
Monthly Alarm Monitoring	-	1,000	-	-	-	
Lab Analysis	-	-	19,788	-	-	
Property and Liability Insurance	-	-	-	-	55,910	
Total East Williamson County RWS	-	7,425	19,788	-	55,910	83,123
LOWER BASIN						
Lake Limestone						
Volumetric Survey	75,000	-	-	-	-	
Annual Maintenance Inspection	405,284	-	-	-	-	
Geotechnical Services	50,000	-	-	-	-	
Property Surveys	5,000	-	-	-	-	
Engineering Consulting Services	25,000	-	-	-	-	
Underwater Repairs and Inspections of Tainter Gates	25,000	-	-	-	-	
Automated Call Notification	-	2,265	-	-	-	
Alarm Monitoring	-	1,000	-	-	-	
Publish Lake Rules and Regs and Public Notices	-	-	-	1,000	-	
Property and Liability Insurance	-	-	-	-	23,561	
Total Lake Limestone	585,284	3,265	-	1,000	23,561	613,110
Sugar Land Wastewater						
Security System App. Use Fee	-	4,000	-	-	-	
Lab Analysis	-	-	229,336	-	-	
Advertise for Position Vacancies	-	-	-	1,654	-	
Property and Liability Insurance	-	-	-	-	46,638	
Total Sugar Land Wastewater	-	4,000	229,336	1,654	46,638	281,628
Clute Wastewater						
Chlorinator Maintenance	-	1,650	-	-	-	
CL2 Leak Detector	-	390	-	-	-	
Effluent Flow Meter Annual Certification	-	390	-	-	-	
Security System App. Use Fee	-	1,000	-	-	-	
Risk Mgmt. Plan Compliance Consulting	-	2,175	-	-	-	
Lab Analysis	-	-	31,397	-	-	
Employment Advertisements	-	-	-	295	-	
Property and Liability Insurance	-	-	-	-	1,369	
Total Clute Wastewater	-	5,605	31,397	295	1,369	38,666
ENVIRONMENTAL SERVICES						
Environmental Services						
System Operations Permit support	125,000	-	-	-	-	
Update Chloride Model	26,250	-	-	-	-	
Print Basin Summary Report	-	275	-	-	-	
Printing EAP and ERP Reports	-	1,500	-	-	-	
Fisheries Habitat Improvement	-	15,000	-	-	-	
Mussel CCAA Implementation Activities	-	295,000	-	-	-	
Bell County Karst Coalition	-	50,000	-	-	-	
Benthic Macroinvertebrate QA/QC	-	5,000	-	-	-	
Little River Watershed Study	-	21,000	-	-	-	
Miscellaneous Analysis	-	-	58,944	-	-	
Job Postings and Public Notices	-	-	-	2,100	-	
Property and Liability Insurance	-	-	-	-	7,183	
Total Environmental Services	151,250	387,775	58,944	2,100	7,183	607,252

**Brazos River Authority
FY 2025 Budget
Outside Services**

Description	Professional Services	Consulting Services	Lab Services	Advertising	Insurance	Total
WATER SERVICES						
Water Resources						
Hydraulic Adequacy Evaluation	30,000	-	-	-	-	
Navasota River Inundation Mapping	50,000	-	-	-	-	
Brazos Alluvium	50,000	-	-	-	-	
Rainfall Radar Data Subscription	-	13,200	-	-	-	
Public notices, RFPs, etc.	-	-	-	500	-	
Property and Liability Insurance	-	-	-	-	1,278	
Total Water Resources	130,000	13,200	-	500	1,278	144,978
TECHNICAL SERVICES						
Technical Services - Management						
Property Management	50,000	-	-	-	-	
Lab Reconfiguration/Design	100,000	-	-	-	-	
Property and Liability Insurance	-	-	-	-	1,848	
Total Technical Services - Management	150,000	-	-	-	1,848	151,848
Technical Services - Engineering						
General consultation allowance	-	2,000	-	-	-	
Security System Use and Alarm Monitoring	-	5,000	-	-	-	
Advertisements (RFP and Recruiting)	-	-	-	1,500	-	
Property and Liability Insurance	-	-	-	-	11,181	
Total Technical Services - Engineering	-	7,000	-	1,500	11,181	19,681
OFFICE OF SECURITY						
Property and Liability Insurance	-	-	-	-	1,209	
Total Office of Security	-	-	-	-	1,209	1,209
FEDERAL RESERVOIRS						
Federal Reservoirs O&M	6,199,567	-	-	-	-	
Brazos Basin Watermaster	590,000	-	-	-	-	
Brazos G	1,090,000	-	-	500	-	
Region 8	300,000	-	-	3,600	-	
System Operations WMP Update	1,200,000	-	-	-	-	
Volumetric Surveys	100,000	-	-	-	-	
GCWA Water Right Evaluation	400,000	-	-	-	-	
Total Federal Reservoirs	9,879,567	-	-	4,100	-	9,883,667
SPECIAL PROJECTS & STRATEGIC INITIATIVES						
Groundwater Consulting Services	50,000	-	-	-	-	
Property and Liability Insurance	-	-	-	-	320	
Total Special Projects & Strategic Initiatives	50,000	-	-	-	320	50,320
CENTRAL SERVICES						
Central Office Common						
Monthly Alarm Monitoring	-	5,000	-	-	-	
Legal Advertising (Surplus Property)	-	-	-	500	-	
Property and Liability Insurance	-	-	-	-	44,521	
Total Central Office Common	-	5,000	-	500	44,521	50,021
Board of Directors						
Director's Fees	-	31,382	-	-	-	
Director's Bond	-	-	-	-	190	
Property and Liability Insurance	-	-	-	-	20,265	
Total Board of Directors	-	31,382	-	-	20,455	51,837
General Administration						
Property and Liability Insurance	-	-	-	-	479	
Total General Administration	-	-	-	-	479	479
Legal						
Retainer	25,000	-	-	-	-	
Property and Liability Insurance	-	-	-	-	1,118	
Total Legal	25,000	-	-	-	1,118	26,118
Government & Customer Relations						
State Legislative Consulting	-	190,000	-	-	-	
Federal Legislative Consulting	-	85,000	-	-	-	
Property and Liability Insurance	-	-	-	-	1,118	
Total Government & Customer Relations	-	275,000	-	-	1,118	276,118

**Brazos River Authority
FY 2025 Budget
Outside Services**

Description	Professional Services	Consulting Services	Lab Services	Advertising	Insurance	Total
Human Resources						
Payroll and Tax Services	-	65,520	-	-	-	-
Consulting	-	15,000	-	-	-	-
Benefits Consultant & Benefit Connector	-	52,500	-	-	-	-
FSA, HRA and COBRA Administration Fees	-	3,650	-	-	-	-
TCG Advisors	-	7,000	-	-	-	-
Compensation Study	-	75,000	-	-	-	-
Employment Advertising	-	-	-	300	-	-
Property and Liability Insurance	-	-	-	-	2,168	-
Total Human Resources	-	218,670	-	300	2,168	221,138
Finance & Administration						
Annual Financial Audit	115,200	-	-	-	-	-
Electricity Consulting	-	40,000	-	-	-	-
Printing Services for Annual Comprehensive Financial Report, AOF	-	6,600	-	-	-	-
Investment Consultant	-	50,000	-	-	-	-
Online Bill Pay Services	-	3,500	-	-	-	-
Bids, etc.	-	-	-	1,000	-	-
Property and Liability Insurance	-	-	-	-	2,716	-
Total Finance & Administration	115,200	100,100	-	1,000	2,716	219,016
Information Technology						
Web Consulting/Programming	-	5,000	-	-	-	-
Network Consulting/Cybersecurity	-	55,000	-	-	-	-
Outside hosting of Video for brazos.org	-	200	-	-	-	-
SDK License	-	150	-	-	-	-
Apple Developer License	-	150	-	-	-	-
SSL Certificates	-	2,070	-	-	-	-
Sentinel IPS Services	-	42,776	-	-	-	-
Offsite Storage Backup	-	13,300	-	-	-	-
Yearly DNS Host Fees	-	2,500	-	-	-	-
Property and Liability Insurance	-	-	-	-	3,966	-
Total Information Technology	-	121,146	-	-	3,966	125,112
Grand Total Outside Services	12,274,317	1,437,469	829,326	17,099	440,088	14,998,299

**Brazos River Authority
FY 2025 Budget
Capital Outlay Requests**

Water Supply

Accounting Unit Description	FY 2025 Proposed Amount	Item Description
CB WT Ops Management	\$ 48,000	Replace VIN #1406, a 2018 Chevy Silverado
Central Office Common	40,000	Replacement of kitchen countertops, cabinets and sinks
Environmental Services	50,000	Replace Blue Wave boat purchased in 2008
Environmental Services	24,800	Replace existing flow trackers purchased in 2005 and 2013
Environmental Services	45,000	LabVantage Upgrade to Version 8.8
East Williamson County	150,000	Replace #1 Clarifier Drive
East Williamson County	25,000	Rebuild terminal storage pump
East Williamson County	18,000	Replace Utility Vehicle
East Williamson County	30,000	Replace Commercial Zero Turn Mower
East Williamson County	100,000	Blast and Repaint Backwash Tank
East Williamson County	40,000	Replace West Plant Filter Gallery Conduit
East Williamson County	40,000	Rebuild High Service Pump
East Williamson County	100,000	Pull and Rebuild Well Pump
East Williamson County	60,000	Replace Well Motor
East Williamson County	380,000	Automatic Transfer Switches for all four generators
Government & Customer Relations	6,000	Camera Equipment
Human Resources	15,000	Enclosed Safety Training Trailer
Information Technology	50,000	Dell Servers for Network Traffic Analysis
Lake Granbury Maintenance	15,000	Entry Kiosk Concrete Pads
Lake Granbury Maintenance	60,000	Entry Kiosks-3 parks
Lake Granbury Maintenance	50,000	Replace a 90-HP Motor with a 200-HP Boat Motor
Lake Granbury Maintenance	100,000	Replace VIN# 6285, a 2015 Ford F-450
Lake Granbury - Dam Operations	150,000	Back-up actuator
Lake Granbury - Dam Operations	60,000	Generator
Lake Granbury - Dam Operations	115,000	T-86 Bobcat Track Loader
Lake Granbury - Dam Operations	45,000	ELGI D300 Air Compressor
Lake Granbury - Dam Operations	40,000	Polaris Ranger UTV
Lake Granbury - Dam Operations	56,000	Replace VIN# 8204, a 2013 Chevy Silverado
Lake Granbury - Employee Housing	50,000	Generator
Lake Limestone - Lake Operations	30,000	UTV/Side by Side
Lake Limestone - Lake Operations	8,500	Thermal scope
Lake Limestone - Lake Operations	5,000	Flat bed trailer for UTV
Lake Limestone - Dam Operations	15,000	Chain link fence replacement with wrought iron fencing
Lake Limestone - Dam Operations	40,000	Equipment Shop for Equipment Storage
Lake Limestone - Dam Operations	5,000	New SCADA Server
Office of Security	16,500	Skydio X10 Granite Defense Drone
Possum Kingdom - Management	6,700	Ricoh Fi 7700 Document Scanner
Possum Kingdom - Maintenance	56,700	Great Dane Haul Trailer for Freightliner Truck
Possum Kingdom - Maintenance	70,000	Replace VIN# 5403, a 2007 Freightliner Haul Truck
Possum Kingdom - Maintenance	56,000	Replace VIN# 9489, a 2013 Ford F-150
Possum Kingdom - Dam Operations	175,000	John Deere Backhoe
Possum Kingdom - Dam Operations	5,000	New SCADA Server
Possum Kingdom - Dam Operations	56,000	Addition to fleet - 1/2 Ton Double Cab 4x4
Possum Kingdom - Dam Operations	56,000	Addition to fleet - 1/2 Ton Double Cab 4x4

**Brazos River Authority
FY 2025 Budget
Capital Outlay Requests**

Water Supply

Accounting Unit Description	FY 2025 Proposed Amount	Item Description
Possum Kingdom - Dam Operations	70,000	Addition to fleet - Silverado 2500 4x4
Sugar Land North	12,000	Install of access control and intrusion detection
Sugar Land North	7,000	NVR for video recording on cameras
Sugar Land South	12,000	Install of access control and intrusion detection
Sugar Land South	7,000	NVR for video recording on cameras
Sugar Land Greatwood	12,000	Install of access control and intrusion detection
Sugar Land New Territory	12,000	Install of access control and intrusion detection
Sugar Land	438,000	Capital allowance for items to be determined by the City of Sugar Land
Technical Services Engineering	10,000	Hyper-V server for Annex
Technical Services Engineering	57,000	Replace VIN# 0214, a 2017 Chevy Silverado
Technical Services Engineering	56,000	Replace VIN# 7091, a 2019 Chevy Silverado
Technical Services Engineering	56,000	Addition to fleet - 1/2 Ton Double Cab 4x4

Total Water Supply System \$ 3,313,200

Cost Reimbursable

Accounting Unit Description	FY 2025 Proposed Amount	Item Description
Clute-Richwood WWTP	\$ 15,000	Install of access control and intrusion detection
Clute-Richwood WWTP	24,000	New SCADA Software
Clute-Richwood WWTP	7,000	New NVR Server
Clute-Richwood WWTP	32,000	Replace out of service Reuse pump
Clute-Richwood WWTP	164,383	Replace fourth blower of four
Doshier Farm WWTP	36,000	Replace screening trailers
Doshier Farm WWTP	10,000	Replace gas vacuum induction system for Chlorine
Doshier Farm WWTP	20,000	ISE Ammonium Probe
Doshier Farm WWTP	24,000	New SCADA Software
Doshier Farm WWTP	7,000	NVR for video recording cameras
Doshier Farm WWTP	15,000	Install of access control and intrusion detection
Temple Lift Station	18,500	Motor replacements
Temple Lift Station	18,500	Pump upgrades
Temple Lift Station	35,000	Motor control panels generator
Temple Lift Station	60,000	Backup Generator
Hutto Central WWTP	40,000	Replace ILS Pump
Hutto Central WWTP	24,000	New SCADA Software
Hutto Central WWTP	5,000	New SCADA Server
Hutto Central WWTP	7,000	NVR for video recording cameras
Hutto Central WWTP	15,000	Install of access control and intrusion detection
Hutto South WWTP	180,000	Belt Press new rollers, bearings, belts, and switches
Hutto South WWTP	18,000	Polaris Ranger
Hutto South WWTP	24,000	New SCADA Software

**Brazos River Authority
FY 2025 Budget
Capital Outlay Requests**

Cost Reimbursable

Accounting Unit Description	FY 2025 Proposed Amount	Item Description
Hutto South WWTP	5,000	New SCADA Server
Hutto South WWTP	7,000	NVR for video recording cameras
Hutto South WWTP	15,000	Install of access control and intrusion detection
Sandy Creek WTP	30,000	Replace six shop heaters
Sandy Creek WTP	200,000	Replace high pressure air lines
Sandy Creek WTP	50,000	Metal Building Repair
Sandy Creek WTP	250,000	Blast and Paint Clearwell
Sandy Creek WTP	15,000	Install of access control and intrusion detection
Temple-Belton WWTP	232,500	Reactor Air Project Phase 8
Temple-Belton WWTP	345,000	Replace CASE Loader in compost area
Temple-Belton WWTP	100,000	Replace MCC at belt press
Temple-Belton WWTP	160,000	RAS 3A and 4A Pumps
Temple-Belton WWTP	20,000	Clarifier #3 and #4 Sludge Level Detector Replacement
Temple-Belton WWTP	18,000	Install of access control and intrusion detection
Temple-Belton WWTP	7,000	NVR for video recording cameras
Belton Main Lift Station	80,000	Upgrade MCC
WCRRWL	10,000	Install of access control and intrusion detection
WCRRWL	14,000	Rebuild 5 ARV's
WCRRWL	12,000	Kawasaki Mule
WCRRWL	25,000	Clean and re-paint columns
WCRRWL	24,000	New SCADA Software
WCRRWL	5,000	New SCADA Server

Total Cost Reimbursable \$ 2,423,883

Grand Total Capital Outlay \$ 5,737,083

**Brazos River Authority
FY 2025 Budget
Technology Items**

New Items

Network Racks (Lake Limestone, Hutto- Central, WCRRWL, EWC, Sandy Creek, Temple-Belton)	\$ 1,360
Rack- Mount 6 Outlet Power Supply (Lake Limestone, Lake Granbury, Hutto- South, WCRRWL)	2,600
Battery Backup & Surge Protector (Lake Limestone, Lake Granbury, Hutto- Central, Hutto- South, WCRRWL)	2,700
Network Management Card (Lake Limestone, Lake Granbury, Hutto- Central, Hutto- South, WCRRWL)	2,400
Battery Backup 6 Outlet (Lake Limestone, Lake Granbury, Hutto- South, WCRRWL)	375
Replace 24p Camera Switch	4,200
Document Scanner	6,700
New SCADA Software (Clute, Doshier Farm, Hutto- Central, Hutto- South, and WCRRWL)	120,000
New SCADA Servers (Possum Kingdom, Lake Granbury, Lake Limestone, WCRRWL, Hutto- Central, Hutto- South, Sandy Creek, EWC, Clute, Central Office- Annex, and Central Office- Main)	46,000

Sub-Total 186,335

Recurring Items

AutoCAD rights to upgrades / support	Technical Services - Engineering	\$ 9,200
Hammer Software rights to upgrades	Technical Services - Engineering	2,400
Misc. Security Camera Repairs and Support	Possum Kingdom Lake	4,500
Misc. Security Camera Repairs and Support	Lake Granbury	4,500
Misc. Security Camera Repairs and Support	WCRRWL	4,500
Misc. Security Camera Repairs and Support	Sandy Creek	3,500
Misc. Security Camera Repairs and Support	East Williamson County	4,500
Misc. Security Camera Repairs and Support	Lake Limestone	4,500
Misc. Security Camera Repairs and Support	Clute	2,500
Misc. Security Camera Repairs and Support	Central Office Common	4,500
Misc. BRA Network Repairs and Maintenance	20 Locations	6,700
Misc. Hardware / Software Purchases	18 Locations	21,500
ArcGIS Annual Support	Possum Kingdom Lake	1,663
ArcGIS Annual Support	Environmental Services	2,773
ArcGIS Annual Support	Information Technology	24,620
ArcGIS Annual Support	Water Services	542
LabVantage Annual Support	CB Lab / Environmental Services	26,000
Weather Station SCADA Maintenance	Lakes - Possum Kingdom, Granbury, and Limestone	9,000
Watch Guard Cameras and Body Cams	Lakes - Granbury, and Limestone	14,160
Cellular Internet Service	15 Locations	7,200

Sub-Total 158,758

Network Connectivity - Multi-Packet Layering System (MPLS)

Possum Kingdom	\$ 17,364
Lake Granbury	11,172
Georgetown	3,300
Temple-Belton	11,172
Doshier Farm	11,172
Sandy Creek	11,172
EWC	11,172
Limestone	13,006
Clute	11,172
Sugar Land North	8,040
Sugar Land South	3,600
Annex	11,172
Central Office	11,172
Central Office Backup connection	18,960

Sub-Total 153,646

**Brazos River Authority
FY 2025 Budget
Technology Items**

Supervisory Control and Data Acquisition (SCADA)

Wonderware Premier Comp Support (Annual)

Technical Services Engineering	\$ 2,500
Clute	1,167
East Williamson County	5,610
Hutto - Central	3,501
Hutto - South	3,501
Temple-Belton WWTP	4,783
Doshier Farm	2,500
WCRRWL	3,598
Lake Granbury	1,872
Lake Limestone	1,167
Building Services	1,411
Possum Kingdom Lake	1,556
Sandy Creek	4,783
Sugar Land - North	3,143
Sugar Land - South	1,756

Win-911 Pro

Technical Services Engineering , Clute, East Williamson County, Hutto - Central, Hutto - South, Temple-Belton WWTP, Doshier Farm, WCRRWL, Lake Granbury, Lake Limestone, Central Office, Possum Kingdom Lake, Sandy Creek, Sugar Land - North, Sugar Land - South	35,000
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Rockwell Support

Technical Services Engineering	8,500
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SCADA Communications (radio modems, etc.)

Clute, East Williamson County, Hutto - South, Hutto - Central, Temple-Belton WWTP, Doshier Farm, WCRRWL, Lake Granbury, Lake Limestone, Possum Kingdom Lake, Sandy Creek	36,000
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SCADA Components, Back-up Power, and Networking Equipment

Clute, East Williamson County, Hutto - South, Hutto - Central, Temple-Belton WWTP, Doshier Farm, WCRRWL, Lake Granbury, Lake Limestone, Possum Kingdom Lake, Sandy Creek	149,100
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Sub-Total 271,448

PC's, Laptops and Printers

No. of Replacements

Amount

Desktops	28	\$ 56,400
Laptops	34	91,600
iPads	19	34,200

Sub-Total 182,200

Grand Total Technology Items \$ 952,387

* Some of these items are also included on the Capital Outlay schedule beginning on Page 17 - 6

FINANCIAL POLICIES



Brazos River Authority

Quality • Conservation • Service

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BRAZOS RIVER AUTHORITY

FINANCIAL POLICIES

BUDGET 4.1

Purpose

This policy defines requirements for annual budgeting and long-term financial planning requirements for the Brazos River Authority. The purpose of budgeting and financial planning is to provide for the current and future needs of the Brazos River Authority, while providing a mechanism for planning and controlling costs. It is the intent of the Board of Directors to maintain a high level of financial stability and not to compromise long-term financial integrity to achieve short-term benefits.

Generally

The Brazos River Authority will adopt an annual operating plan (“AOP”) prior to the start of each fiscal year. The AOP will authorize expenditures and direct objectives for the fiscal year. (TEX. WATER CODE §§ 49.057(b), 49.199(a)(6)(A); 30 TEX. ADMIN. CODE § 293.97(b).)

The Brazos River Authority will adopt a multi-year capital improvement plan (“CIP”) prior to the start of each fiscal year. The CIP will authorize expenditures and direct objectives for the fiscal year. The CIP will authorize expenditures by project and may span several fiscal years.

The General Manager/Chief Executive Officer shall prepare and present a recommended AOP and CIP that meet the overall objectives and direction of the Board of Directors and standards for budgeting as established by state, federal, and/or industry requirements. The budget shall be prepared on the full accrual basis. The GM/CEO shall not submit and the Board shall not adopt an AOP which does not provide estimated current revenues adequate to cover current expenses (balanced budget). A long-term financial forecast will be prepared and presented as part of the budget adoption and review process that takes into account all operating and capital requirements outlined in the AOP and CIP.

Adoption of the AOP and CIP shall authorize the General Manager/Chief Executive Officer to make expenditures for staffing, equipment, goods, and/or services and outlined therein and as authorized and/or restricted by Board Policy #2.01.

The Board of Directors may amend the AOP as needed to accommodate the needs of the Brazos River Authority Basin. The General Manager/Chief Executive Officer is authorized to transfer budgeted amounts among accounts and departments within major operating divisions, except as restricted by contractual agreements or as prohibited by law. Changes, transfers, or amendments that increase the total appropriated funds for a major division or capital project must be approved by the Board of Directors.

The Brazos River Authority shall give its wholesale potable water and wastewater services customers the opportunity to review and comment on the provisions contained in the annual budget that apply to these services before the budget is adopted. (TEX. WATER CODE § 49.200; 30 TEX. ADMIN. CODE § 292.11(a).)

INVESTMENTS AND FISCAL MANAGEMENT 4.2

Generally

It is the policy of the Brazos River Authority, giving due regard to the safety and risk of investment, that all available funds shall be invested in conformance with state and federal law and applicable bond resolution requirements as well as the policies and investment strategy adopted by the Board of Directors. (TEX. WATER CODE §§ 49.157(a), 49.199(a)(3); TEX. GOV'T CODE §§ 2256.001-.055, 2257.001-.083.)

Primary Objectives

Effective cash management is recognized as essential to good fiscal management. Aggressive cash management and effective investment strategy development will be pursued to take advantage of interest earnings as viable and material revenue to all Brazos River Authority funds. The Brazos River Authority's portfolio shall be designed and managed in a manner responsive to the public trust and consistent with the provisions of this policy. Investments shall be made with the following primary objectives:

- (1) preservation of capital;
- (2) safety of Brazos River Authority funds;
- (3) maintenance of sufficient liquidity;
- (4) maximization of return within acceptable risk constraints;
- (5) diversification of investments; and
- (6) exemplary investment management. (TEX. GOV'T CODE §§ 2256.005(b)(2) & (3).)

Scope of Policy

This policy applies to all of the investment activities of the Brazos River Authority, excluding the Retirement Trust for Employees of Brazos River Authority and the Brazos River Authority 401(a) Employer Matching Contribution Plan non-vested funds. The goal of this policy is to establish guidelines for (1) the investment of Brazos River Authority funds, and for (2) the review of those investments. Bond funds, as defined by the Internal Revenue Service, shall be managed under the provisions of this policy as well as the provisions of any applicable state or federal law or governing resolution. (TEX. GOV'T CODE §§ 2256.004, 2257.003, 2257.081(a), 2257.082; 30 TEX. ADMIN. CODE § 292.13(3).)

Investment Strategy

In conjunction with the annual review of this policy, the Board of Directors shall adopt a separate written investment strategy for each of the funds or group of funds under its control. The investment strategy must describe the investment objectives for each particular fund according to the following priorities:

- (1) investment suitability;
- (2) preservation and safety of principal;
- (3) liquidity;
- (4) marketability prior to maturity of each investment;
- (5) diversification; and
- (6) yield. (TEX. GOV'T CODE § 2256.005(d).)

Review and Amendment

A detailed formal, written policy and investment strategy that meets the objectives and scope defined herein and the requirements of the Public Funds Investment Act, shall be reviewed and adopted annually by the Administration, Audit, Banking and Finance Committee and by the Board of Directors. Amendments to this policy and/or to the investment strategy must be approved by the Audit, Banking and Finance Committee and by the Board of Directors. The Board of Directors shall adopt a written resolution stating that it has reviewed this policy and the investment strategy. The resolution shall record any changes made either to this policy or to the investment strategy. (TEX. GOV'T CODE § 2256.001-.055.)

Authority for Policy 4.2

TEX. GOV'T CODE §§ 2256.001-.055, 2257.001-.083.

TEX. WATER CODE §§ 49.156-.1571, 49.199(a)(3).

EX. ADMIN. CODE § 292.13(3).

FINANCIAL AUDIT 4.3

Generally

A Comprehensive Annual Financial Report that complies with the Government Finance Officers Association of the United States and Canada Certificate requirements will be prepared and submitted to the Board of Directors.

An independent audit of Brazos River Authority financial statements and accounts will be conducted annually. The audit will be in accordance with generally accepted auditing standards and meet other applicable state and federal auditing standards as may apply to the Brazos River Authority and its funds.

The independent auditor will be selected by the Board of Directors, with the advice and recommendations of the General Manager/Chief Executive Officer and the Chief Financial Officer. The selected independent auditors will function in cooperation with, but be independent of Brazos River Authority's management.

The Brazos River Authority will conduct a comprehensive request for proposal process to evaluate independent financial auditors and services at least every five years. The evaluation process will be in accordance with state law for procurement of professional services.

The independent auditor will meet with the Board's Audit Committee at least once each year to discuss and report audit results and other related matters.

The independence of the auditor, both in appearance and in fact, is to be maintained within federal, state and industry guidelines. The independent auditor may be engaged to perform other audit and consulting services only if the Board of Directors specifically finds that the independence of the auditors is not compromised by the engagement.

The Board of Directors shall have the Brazos River Authority's fiscal accounts and records audited annually at the Brazos River Authority's expense. (TEX. WATER CODE § 49.191(a); see also SPEC. DIST. CODE § 8502.005.)

The audit shall be performed by a certified public accountant or public accountant holding a permit from the Texas State Board of Public Accountancy. (TEX. WATER CODE § 49.191(c).)

The audit shall be completed within 120 days after the close of the Brazos River Authority's fiscal year. (TEX. WATER CODE § 49.191(d).)

The Brazos River Authority may change its fiscal year at any time; provided, however, it may not be changed more than once in any twenty- four-month period. After any change in the fiscal year, the Brazos River Authority shall notify the Texas Commission on Environmental Quality of such change within thirty days after adoption by the Board. (TEX. WATER CODE § 49.158.)

Except as otherwise provided by the accounting and auditing manuals adopted by the Texas Commission on Environmental Quality, the audit shall be performed according to the generally accepted auditing standards adopted by the American Institute of Certified Public Accountants. (TEX. WATER CODE § 49.192.)

The audit shall comply with Texas Water Code Section 49.199(a)(6)(C), which requires uniform reporting requirements that use "Audits of State and Local Government Units" as a guide on audit working papers and that use "Governmental Accounting and Financial Reporting Standards." (TEX. WATER CODE § 49.199(a)(6)(C).)

In conjunction with its annual financial audit, the Brazos River Authority shall perform a compliance audit of management controls on investments and adherence to Board Policy #4.02, Investments and Fiscal Management. (TEX. GOV'T CODE § 2256.005(m).)

Purpose of Audit

The Audit will be conducted in accordance with auditing standards generally accepted in the United States of America (GAAS); Government Auditing Standards issued by the Comptroller General of the United States (GAS); the provisions of the Single Audit Act; Subpart F of Title 2 U.S. CFR Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards; the U.S. Office of Management and Budget's Compliance Supplement; and guidance provided in the audit guide titled Government Auditing Standards and Circular A-133 Audits issued by the American Institute of Certified Public Accountants. Those standards, circulars, supplements, and guides require that the audit be planned and perform to obtain reasonable assurance about whether the financial statements are free from material misstatement. An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

Selection of Financial Auditor

The Brazos River Authority shall procure financial auditor services on the basis of demonstrated competence and qualifications to perform the services for a fair and reasonable price. As part of the selection process, the Brazos River Authority shall send requests for proposals to at least three pre-approved auditors for new projects expected to exceed \$25,000. (TEX. GOV'T CODE §§ 2254.001-.006; TEX. WATER CODE § 49.192; 30 TEX. ADMIN. CODE § 292.13(4))

The independence of the auditor, both in appearance and in fact, is to be maintained within federal, state, and industry guidelines.

Filing of Audit Reports

After the Board of Directors has approved the audit, it shall submit a copy of the report to the Texas Commission on Environmental Quality for filing within 135 days after the close of the fiscal year. If the Board refuses to approve the annual audit report, it shall submit a copy of the report to the Texas Commission on Environmental Quality for filing within 135 days after the close of the fiscal year, accompanied by a statement from the Board explaining the reasons for its failure to approve the report. The Brazos River Authority shall simultaneously file with the Texas Commission on Environmental Quality an annual filing affidavit stating that copies of the annual audit report have been properly filed. The affidavit shall be in the format prescribed by the Texas Commission on Environmental Quality. A copy of the audit report shall also be filed in the Brazos River Authority's office. (TEX. WATER CODE § 49.194.)

To the extent that the Brazos River Authority fails to comply with the filing requirements, it may be subject to a civil penalty of up to \$100 per day for each day that it willfully continues to violate the requirements after receipt of written notice of violation from the Texas Commission on Environmental Quality by certified mail, return receipt requested. The state may sue to recover the penalty. (TEX. WATER CODE § 49.003.)

Review of Audit Report by Texas Commission on Environmental Quality

The Texas Commission on Environmental Quality may review the Brazos River Authority's annual audit report. If the Commission has any objections to or recommendations concerning the report, it shall notify the Brazos River Authority auditor and Board of Directors in order that the report be corrected. (TEX. WATER CODE § 49.195.)

Fiscal Records

The Brazos River Authority's fiscal records shall be prepared on a timely basis and maintained in an orderly fashion in accordance with generally accepted accounting principles. The records shall be available for public inspection during regular business hours. The fiscal records may be removed from the Brazos River Authority's office for the purposes of recording its fiscal affairs and preparing an audit, during which time the records are under the control of the Brazos River Authority's auditor. (TEX. WATER CODE § 49.196; 30 TEX. ADMIN. CODE § 293.95(a).)

Submittal of Annual Fiscal Report

The Brazos River Authority is required to submit an annual report of financial records to the Comptroller of Public Accounts pursuant to Texas Local Government Code Section 140.008. Section 140.008(g) provides that the Brazos River Authority satisfies this requirement if it submits its annual financial audit report conducted under Texas Water Code Section 49.194 to the Comptroller of Public Accounts. Accordingly, the Brazos River Authority shall submit its annual financial audit report to the comptroller of public accounts as provided in Texas Local Government Code Section 140.008(g). (TEX. LOCAL GOVERNMENT CODE § 140.008(h); TEX. WATER CODE § 49.194.)

Audit Committee

The Brazos River Authority shall have an audit committee of the Board of Directors. (TEX. WATER CODE § 49.199(a)(6)(B).)

Authority for Policy 4.3

SPEC. DIST. CODE § 8502.005

TEX. GOV'T CODE §§ 2254.001-.006, 2256.005(m).

TEX. LOCAL GOVERNMENT CODE §§ 140.008(g), (h).
TEX. WATER CODE §§ 49.003, 49.158, 49.191, 49.192, 49.194-.196, 49.199(a)(6)(C).
30 TEX. ADMIN. CODE §§ 292.13(4), 293.95(a).

INDUSTRIAL DEVELOPMENT BONDS AND POLLUTION CONTROL BONDS 4.4

The Brazos River Authority shall properly disclose the existence of any industrial development corporations with which it is associated. (TEX. WATER CODE § 49.199(a)(5); 30 TEX. ADMIN. CODE § 292.13(5).)

The Brazos River Authority shall comply with the memorandum issued by the State Auditor on October 7, 1988 relating to the disclosure of industrial development and pollution control bonds. (TEX. WATER CODE § 49.199(a)(5); 30 TEX. ADMIN. CODE § 292.13(5).)

Authority for Policy 4.4

TEX. WATER CODE § 49.199(a)(5).
30 TEX. ADMIN. CODE § 292.13(5).

CAPITAL IMPROVEMENT PLAN 4.5

Purpose

The goal of the Capital Improvement Plan (CIP) is to maintain the Brazos River Authority's physical infrastructure at a level adequate to protect the Brazos River Authority's capital investment, minimize future maintenance and replacement costs, and provide expansion to meet the long-term needs of the basin.

Generally

The Brazos River Authority will adopt and update a multi-year plan for capital infrastructure maintenance and expansion as part of the Annual Operating Plan (AOP) process. The CIP will identify estimated costs, timelines, and funding sources for applicable projects.

Capital infrastructure includes dam and gate infrastructure, water and wastewater treatment facilities, transmission pipelines, intake structures, office and administrative facilities, and the professional services required to acquire, design, construct or rehabilitate the aforementioned. Capital infrastructure does not include items determined to be operating capital.

The Board of Directors may amend the CIP as needed to accommodate the needs of the Brazos River Authority Basin.

The Brazos River Authority will maintain a scheduled level of maintenance and replacement for its operating capital. Operating capital items include, but are not limited to, fleet, information technology hardware and software, communications equipment and software, and heavy machinery.

CONTINGENCY RESERVES 4.6

Maintaining financial integrity is critical to accomplishing the mission of the BRA and establishing reserve funds will maintain the BRA's financial integrity while serving the long-term interests of its customers. It is prudent to establish both Operating and Non-Operating Reserve Funds. The Operating and Non-Operating Reserve Funds should be funded through deposits of Net Revenue to the Water Supply System.

Operating and Non-operating Reserves are created to meet different needs, each with a distinct set of characteristics as to utilization. The Brazos River Authority has created five (5) Reserve Funds:

- (1) Working Capital Fund;
- (2) Repair and Replacement Fund;
- (3) Contingency Reserve Fund;
- (4) Self Insurance Fund; and
- (5) Rates Stabilization Reserve Fund.

The Working Capital Fund is only used to cover operations and maintenance cash flow needs created by the timing difference between the Authority's billing cycle and receipt of payments. Due to the contractual nature of the Brazos River Authority's Water Supply System income stream and the nature of the Brazos River Authority's expenditures, Working Capital needs are reasonably predictable and should be no less than 90 days of annual Water Supply System operation and maintenance expense. The Board of Directors will establish the annual budgeted Operating Reserve Working Capital Fund at a target level of not less than 90 days of budgeted Water Supply System operation and maintenance expense for that fiscal year.

The Repair and Replacement Fund is required by the Brazos River Authority's Bond Covenants and will be only used for the purpose of making repairs (including emergency repairs) to the System of an extraordinary nature required by normal and customary wear and use, and for providing replacements as called for in the Bond Covenants. A Repair and Replacement Fund avoids the necessity of issuing debt for eligible expenses in addition to outstanding debt issued previously for the original acquisition or construction of a facility. The covenants for the Brazos River Authority's outstanding Water Supply System Revenue Bonds establish a Repair and Replacement Fund to be maintained at a minimum level in the amount of \$200,000.00 (Two Hundred Thousand Dollars) or such increased amount, which may be established from time to time by the Board of Directors following review of the System at five year intervals by the Brazos River Authority. The first five year interval began with the issuance of the Brazos River Authority's Water Supply System Revenue Bonds, Series 2001A and Series 2001B (dated May 1, 2001). Emergency Repairs are defined as any unexpected or unbudgeted repair, which, if not affected immediately, will adversely affect the operations of a facility. The General Manager/CEO may approve expenditures from the Repair and Replacement Fund up to the \$500,000 spending limit established in the Brazos River Authority's General Operating Procedures, Section 2.01, for Emergency Repairs without prior approval of the Board of Directors. Such disbursements will be reported to the Board at their next regularly scheduled meeting. All other expenditures from the Repair and Replacement Fund should be authorized by the Board beforehand.

A Self Insurance Reserve Fund can only be used to pre-fund insurance deductibles and unanticipated or uninsured losses for general liability, property, casualty, workers' compensation and other risk expenses. As the number of facilities owned by the Brazos River Authority increases, the incidence of insurance requiring deductibles, the lack of coverage over certain limits, and other non-insured risks will increase. A Self Insurance Reserve Fund allows flexibility in pricing insurance coverage by examining variances in assumed risk versus premium quotes. The Self Insurance Reserve Fund target level should be based upon an actuarial analysis of potential exposures from unfunded liabilities. All expenses incurred for deductibles, coinsurance or uninsured claims and/or losses will be paid directly from this fund.

A Rates Stabilization Reserve Fund is needed to only address fluctuations in revenue requirements that will occur year-to-year based on significant increases in capital needs, among other things, and whether Working Capital Reserve Targets and Coverage Targets are maintained. Pre-funding significant capital improvements through a Rates Stabilization Reserve Fund can minimize long-term rate impacts and developing a Rates Stabilization Reserve Fund in anticipation of fluctuations in revenue requirements will moderate the need for significant rate changes. The Rates Stabilization Reserve Fund will be replenished only after all other Operating and Non-Operating Reserves have been either funded or have met their annual replenishment target. The Rates Stabilization Reserve Fund can also be used

as a source of funding to address cash flow needs for major projects that are anticipated to be ultimately financed through the issuance of bonds or some other form of indebtedness. When the Rates Stabilization Reserve Fund is used for cash flow purposes, a Reimbursement Resolution will be executed by the General Manager/CEO in order to preserve the ability to issue Bonds in the future to replenish the balance of the Rates Stabilization Reserve Fund that has been depleted due to cash flows.

At no time shall any Operating or Non-Operating Reserve be used to make or pay any Debt Service on any outstanding or future bonds issued by the Brazos River Authority which have a pledge of revenues derived through the operation of the Brazos River Authority's Water Supply System. Debt Service payments shall only be made from those sources of funds specifically set aside and accounted for separately for the purpose of making Debt Service payments from the Brazos River Authority's Water Supply System.

If at any time any of the Reserves are depleted to a level that is less than the target levels prescribed, the Board of Directors will promptly implement a plan, to be recommended by the General Manager/CEO which could include rate increases, cost reductions, or any other means deemed appropriate to achieve sufficient Net Revenue to replenish the reserves to the prescribed target levels within no less than 36 months from the end of the fiscal year in which such depletions occurred.

DEBT 4.7

Purpose

Debt financing may be used when non-continuous capital improvements are desired, and future citizens/customers will receive a benefit from the improvement. The Board of Directors intends that all debt financing maintain a high level of financial stability and not compromise long-term financial integrity to achieve short-term benefits.

Generally

The issuance of debt requires an affirmative vote of the Board of Directors. The General Manager/Chief Executive Officer is authorized to approve resolutions expressing official intent to reimburse costs of projects from debt financing that meet state and federal requirements.

The Brazos River Authority will ensure that the debt is soundly financed by:

- (1) conservatively projecting the revenue sources that will be utilized to pay the debt;
- (2) financing the improvement(s) over a period not greater than the useful life of the improvements; and
- (3) determining that the cost benefit of the improvement including interest costs is positive.

The Brazos River Authority will not issue debt for working capital items.

Debt reserves will be established to protect bondholders from payment default. Adequate bond reserves are essential in maintaining good bond ratings and the marketability of bonds. Debt reserves, through cash or surety bonds, will be established by bond resolution.

For debt to be paid from water supply system revenues, the Brazos River Authority will maintain debt service coverage ratio of 1.10 with a target of 1.30. The debt coverage ratio will be calculated and reviewed as part of the annual budget process. (TEX. GOV'T CODE §§ 1371.001-.106.)

Authority for Policy 4.7

TEX. GOV'T CODE §§ 1371.001-.106.

PRICING 6.6

Purpose

The purpose of this policy is to establish the pricing policy of the Brazos River Authority for the water and services provided by the Brazos River Authority.

Pricing, Generally

The Brazos River Authority shall establish rates for the sale of water and services that are fair, reasonable, and nondiscriminatory. (TEX. WATER CODE §§ 13.001(c), 13.043(j), 13.182, 13.186(a); see also TEX. WATER CODE §§ 11.036, 11.038.)

Rate-Setting Criteria

In setting rates, the Brazos River Authority shall consider, but not be limited to, the following criteria:

- (1) Payment of all Operating and Maintenance Expenses;
- (2) Production of Net Revenues at least 1.30 times the Maximum Annual Debt Service Requirements of outstanding Bonds; and
- (3) Payment of all other obligations of the System; including the Debt Service Requirements for the year for which rates are being set.

Water Sales Contracts

All future water sale contracts shall contain conditions requiring such conservation and water quality measures that may, in the opinion of the Brazos River Authority, be feasible, economical, and appropriate. The Brazos River Authority shall not supply or commit to supply any water to any other party except pursuant to a written contract. All contracts and resolutions along with associated rates will be considered to be for firm uninterruptible water unless the contract specifically provides that such commitment is subject to interruption or curtailment.

Responsibility of General Manager/Chief Executive Officer

It shall be the responsibility of the General Manager/Chief Executive Officer to see that all rates and rate changes are presented to the Board of Directors for approval and that all customers are afforded an opportunity to comment on such actions prior to the Board's approval.

Requirement to Publish Rules and Regulations

The Brazos River Authority shall make and publish reasonable rules and regulations relating to:

- (1) the method by which it will supply water;
- (2) the use and distribution of the water; and
- (3) the procedure for applying for the water and for paying for it. (TEX. WATER CODE § 11.037(a).)

Rights of Owners of Land Adjoining Water Source

A person who owns or holds a possessory interest in land adjoining or contiguous to a canal, ditch, flume, lateral, dam, reservoir, or lake ("water source") constructed and maintained under the provisions of chapter 11 of the Texas Water Code (pertaining to water rights) and who has secured a right to the use of water in the water source is entitled to be supplied from the water source with water for agricultural uses, mining, milling, manufacturing,

development of power, and stock raising, in accordance with the terms of the person's contract. (TEX. WATER CODE § 11.038(a).)

To the extent that the Brazos River Authority owns or controls the water in the water source, and the Brazos River Authority and the person owning or holding a possessory interest in the land adjoining or contiguous to the water source cannot agree on a price for a permanent water right or for the use of enough water for irrigation of the person's land or for agricultural uses, mining, milling, manufacturing, development of power, or stock raising, then the Brazos River Authority, if it has not contracted to others, shall furnish the water necessary for these purposes at reasonable and nondiscriminatory prices. (TEX. WATER CODE § 11.038(b).)

Standby Fees

The Brazos River Authority, to the extent it provides or proposes to provide retail potable water, wastewater, or drainage services, may, with approval of the Texas Commission on Environmental Quality, adopt and levy standby fees. A standby fee means a charge, other than a tax, imposed on undeveloped property for the availability of water, wastewater, or drainage facilities and services. A standby fee does not mean an impact fee, tap fee, or a connection fee. (TEX. WATER CODE § 49.231; 30 TEX. ADMIN. CODE § 293.141.)

If the Brazos River Authority imposes standby fees, it must do so in compliance with the provisions of § 49.231 of the Texas Water Code and chapter 293, subchapter m, of title 30 of the Texas Administrative Code. (TEX. WATER CODE § 49.231; 30 TEX. ADMIN. CODE §§ 293.141-.150.)

Impact Fees

The Brazos River Authority may make application to the Texas Commission on Environmental Quality for approval of the assessment of impact fees. An Impact Fee is a charge or assessment imposed by the Brazos River Authority against new development in order to generate revenue for funding or recouping the costs of capital improvements or facility expansions necessitated by and attributable to such new development. An impact fee is also a charge or fee by the Brazos River Authority for construction, installation, or inspection of a tap or connection to Brazos River Authority water, wastewater, or drainage facilities, including all necessary service lines and meters, or for wholesale facilities that serve such water, sanitary sewer, or drainage facilities, that:

- (1) does not exceed three times the actual and reasonable costs to the Brazos River Authority for such tap or connection; or
- (2) if made to a nontaxable entity for retail or wholesale service, does not exceed the actual costs to the Brazos River Authority for such work and for all facilities that are necessary to provide Brazos River Authority services to such entity and that are financed or are to be financed in whole or in part by tax-supported or revenue bonds of the Brazos River Authority, shall not be deemed to be an impact fee. (30 TEX. ADMIN. CODE §§ 293.171(1), 293.172.)

If the Brazos River Authority assesses impact fees, it must do so in compliance with the provisions of Chapter 395 of the Local Government Code and Chapter 293, subchapter n, of title 30 of the Texas Administrative Code. (Tex. Local Gov't Code Chapter 395; Tex. Water Code § 49.212(d); 30 TEX. ADMIN. CODE §§ 293.171-.176.)

Authority for Policy 6.6

TEX. LOCAL GOV'T CODE CHAPTER 395.

TEX. WATER CODE §§ 11.036, 11.037, 11.038, 13.001(c), 13.043(j), 13.182, 13.186(a), 49.212(d), 49.231.

30 TEX. ADMIN. CODE §§ 293.141-.150, 293.171-.176



Brazos River Authority

RESOLUTION OF THE BOARD OF DIRECTORS OF THE BRAZOS RIVER AUTHORITY JULY 29, 2024

Agenda Item No. 1 Fiscal Year 2025 Annual Operating Plan (Budget) Workshop and Adoption of Budget

"BE IT RESOLVED by the Board of Directors of the Brazos River Authority (Board) that the Fiscal Year 2025 Annual Operating Plan and Multi-Year Capital Improvement Plan (Budget) as presented to the Board at the July 29, 2024, meeting be approved and adopted, including the following provisions:

BE IT FURTHER RESOLVED that the General Manager/CEO is hereby authorized to make expenditures and enter into contracts for expenditures as listed in the Budget, in accordance with the Brazos River Authority's General Operations Practices, Policy 2.01, *Authority And Responsibilities Of The Board Of Directors And General Manager/Chief Executive Officer*,

BE IT FURTHER RESOLVED that the General Manager/CEO is hereby authorized to make adjustments in the individual line item amounts of the Budget provided that the total amount expended shall not exceed the total amount authorized for each operating division as follows:

Water Supply	\$74,524,390
Cost Reimbursable	<u>18,184,672</u>
Total Operating Budget	<u>\$92,709,062</u>
Water Supply	\$38,069,000
Cost Reimbursable	<u>5,042,000</u>
Total Capital Budget	<u>\$43,111,000</u>

BE IT FURTHER RESOLVED that the Board hereby adopts the Multi-Year Capital Improvement Plan as presented in the Budget;

BE IT FURTHER RESOLVED that the Board hereby approves and adopts a rate of \$99.50 per acre-foot of water annually for Fiscal Year 2025, for both the System Water Rate and the Interruptible Water Rate;

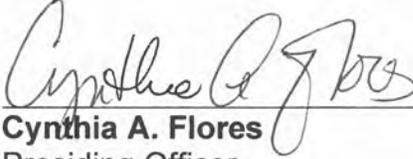
BE IT FURTHER RESOLVED that the Board hereby approves and adopts a rate of \$69.65 per acre-foot of water annually for Fiscal Year 2025, for the Agricultural Water Rate;

BE IT FURTHER RESOLVED that the Board hereby approves and adopts a methodology for Quarterly Payments or Monthly Payments to include a multiplier to be applied to the annual payment to allow the Brazos River Authority to recover interest lost on any unpaid balance plus a Service Charge for administrative costs, including, but not limited to, costs involving the billing, accounting and collecting for the quarterly or monthly payments;

BE IT FURTHER RESOLVED by the Board that the methodology used to determine the multiplier consists of applying the current savings rate the Brazos River Authority would be earning on the funds if paid in full annually, to the unpaid balance on a monthly or quarterly schedule, to determine lost interest; and that the Service Charge shall remain at twenty dollars (\$20.00) per invoice to cover additional administrative costs for billing, accounting and collecting the associated payments; and

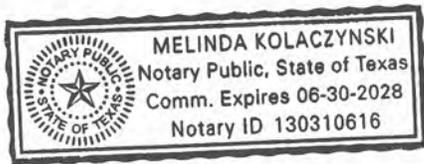
BE IT FURTHER RESOLVED that the Board hereby approves and adopts an annual interest rate of 5.0% and a daily interest rate charge of .0136986% ($5\% \div 365$) to be applied for quarterly and monthly payments for Fiscal Year 2025."

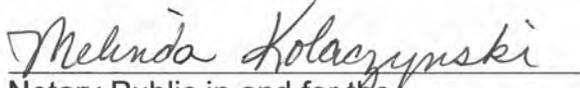
The aforementioned resolution was approved by the Board of Directors of the Brazos River Authority on July 29, 2024, to certify which witness my hand and seal.


Cynthia A. Flores

Presiding Officer

SUBSCRIBED AND SWORN TO BEFORE ME on this the 29 day of July, 2024, to certify which witness my hand and official seal.




Melinda Kolaczynski
Notary Public in and for the
State of Texas



Brazos River Authority

Quality • Conservation • Service

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GLOSSARY AND ACRONYMS

Glossary

100-year flood - the magnitude of flood that might be expected to occur, on average, once every 100 years. A flood that has a 1% chance of occurring in any given year.

accrual accounting – a basis of accounting in which revenues are recognized in the accounting period in which they are earned, and expenses are recognized when they are incurred.

acre-foot (AF) - the volume of water required to cover an acre of ground to a depth of one foot. one acre-foot = 325,851 gallons of water.

activated sludge process - a biological wastewater treatment process in which a mixture of wastewater and activated sludge is agitated and aerated.

alluvium – a deposit of clay, silt, sand, and/or gravel left by flowing streams in a river valley or delta, typically producing fertile soil.

appropriation – an authorization made by the Board of Directors through an approved budget which permits the BRA to incur obligations and to make expenditures of resources. Appropriations lapse at the end of the fiscal year.

audit – an official inspection of an organization's accounts by an independent body.

available yield - the amount of water available for long-term sale.

balanced budget - a budget is balanced when current expenditures are equal to or less than current revenues.

billing unit - for purposes of the BRA's System Water Rate, one acre-foot of water committed under a long-term contract.

Brazos G – is one of the sixteen Regional Water Planning Groups in Texas. It is comprised of all or part of 37 counties and is located in the central part of Texas.

capital improvement project (CIP) – a multi-year project that installs, replaces or rehabilitates a major asset.

cfs - cubic foot (or feet) per second. A measure of flow rate. One cubic foot per second equals about 7.5 gallons. It is the principal measurement used to gauge water discharge. 1 cfs is equal to a block of water one-foot cubed flowing at an average velocity of one foot per second.

conservation pool - that portion of the water impounded by a dam that is reserved to meet water supply needs.

deficit – an excess of expenditures or liabilities over income or assets for a given period.

dependable yield – same as Firm Yield. It is the maximum volume of water which could be removed from a reservoir each year during a repeat of the drought of record. Analysis to determine firm yield includes considerations of the storage requirements of other reservoirs in

the system and assumes that the reservoir's conservation pool is full at the beginning of the drought.

depreciation – an accounting practice used to spread the cost of a tangible or physical asset over its useful life.

Dig Tess – the damage prevention service and Texas Excavation Safety System, is the agency that locates underground utilities prior to any excavating.

diversion point - physical location where water is withdrawn from a lake, river, or stream for consumptive use. For example, water from a reservoir may be under contract to be supplied at a point downstream. Water is released from the lake to be made available at the diversion point.

dsf - day second foot (or feet). A measure of water volume equal to an average flow of one cubic foot per second for a 24-hour period. 1 dsf = 1.9835 acre-feet

effluent – something that flows out, in the context of water and wastewater treatment, it is the treated flow that leaves the treatment facility and is either re-used or enters the environment.

enterprise fund – a fund established to finance and account for operations (1) that are financed and operated in a manner similar to private business enterprises – where the intent of the governing body is that the costs (expenses, including depreciation) of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges; or (2) where the governing body has decided that periodic determination of revenues earned, expenses incurred, and/or net income is appropriate for capital maintenance, public policy, management control, accountability, or other purpose.

firm yield – Same as Dependable Yield. The maximum volume of water which could be removed from a reservoir each year during a repeat of the drought of record. Analysis to determine firm yield includes consideration of the storage requirements of other reservoirs in the system and assumes that the reservoir's conservation pool is full at the beginning of the drought.

flood pool - the volume of space behind a dam which is specifically designed and built to capture flood water to alleviate flood damage downstream.

flood plain - an area of low-lying land adjacent to a river that is subject to periodic flooding.

GIS - Geographic Information System. A computer-based system for storing, analyzing and displaying various data in association with a geographic location.

gpm - gallons per minute.

groundwater - water that comes from beneath the surface of the ground, consisting largely of precipitation and surface water that has percolated down. Includes water that comes from wells or springs.

hydrology - having to do with the occurrence, circulation, distribution and properties of the waters of the Earth and the Earth's atmosphere.

industrial pretreatment program (IPP) - treating wastes at an industrial site to remove specified compounds or wastes prior to releasing the plant waste into the sewerage system.

mgd - million gallons per day.

mg/l - milligrams per liter; standard measurement for sampling water quality parameters.

non-point source - accumulated pollutants in water or air that do not originate from a single discrete source.

NPW – non-potable water. Water that has not been examined, properly treated, and not approved by appropriate authorities as being safe for consumption.

Off channel reservoir – is a water supply lake built next to or near a river instead of directly on the main stem of the river.

operating project (OP) – a multi-year project that is non-recurring in nature but does not create a major asset. Examples are studies and assessments that will not be capitalized.

OSSF – On-Site Sewage Facility

piezometers - instruments designed to measure fluid pressure.

pH - hydrogen ion concentration, determines the acidic or basic condition of water. A pH of 2 would be acidic, a pH of 7 would be neutral and a pH of 10 would be caustic.

PLC – Program Logic Controller - is a digital computer used for automation of electromechanical processes.

PMF - probable maximum flood; the worst flood that could be expected to occur in a specific area as a result of the most adverse combination of meteorological and hydrological conditions, often resulting in extremely low probability of occurrence.

point source - pollutants in water or air that can be traced to a single effluent pipe or smokestack.

potable water - treated water that is suitable for human consumption.

raw water - untreated water from a lake, river or stream; not suitable for human consumption but generally usable for irrigation or industrial purposes.

Region 8 – officially the Region 8 Lower Brazos Flood Planning Group, is one of the fifteen Texas Water Development Board designated flood planning regions in the state of Texas. It encompasses the Brazos basin from just south of possum Kingdom lake to the Gulf of Mexico.

run-of-the-river water permit - water rights which can be exercised only if water is physically available for withdrawal from the stream at the permitted diversion site.

sediment pool - the space reserved in a reservoir for future deposits of naturally occurring soil and organic materials in a lake impoundment that occur as a result of stream run-off and riverbank erosion.

spall - a fragment removed from the face or edge of a material, such as stone or concrete, by age or weathering.

spillway gates - the spillway is the portion of a dam designed to have water flowing over it. Spillway gates are structures designed to control the quantity of water flowing over a spillway.

stakeholder – a person or entity with an interest or concern in something.

standard project flood - a flood of a particular size that could be expected to occur from the most severe combination of meteorological and hydrological conditions that are reasonably characteristic of a given area. It sets the standard for protection to be sought by the Corps of Engineers in designing flood control projects. A typical standard project flood is one which may be expected to occur once every 500 years.

stilling basin - feature of many dams, located directly below water release gates (and other discharge facilities) to dissipate the high energy (velocity) of the discharged waters to prevent damage to natural features below the dam.

storage water permit - water rights granted by the State which allow the BRA and other agencies to store water.

stream gauging network - system of equipment installed and operated, usually by the U.S. Geological Survey, to supply information about stream conditions. Usually includes elevation of water and quantities of water (flow rates) at the measurement station. May also include some water quality parameters.

surface water - all water on the surface of the Earth including lakes, ponds, rivers, oceans, streams, puddles, as distinguished from groundwater.

system operations order - a permit which allows the BRA to manage its individual reservoirs as elements of a single system. This allows the BRA to select the "best" reservoir from which to release water to meet a customer's need, thereby increasing efficiency and reducing water lost to evaporation during delivery to a customer.

system water rate - the billing rate per acre-foot of water per year set by the Brazos River Authority's Board of Directors (usually in July). It is determined by dividing the total cost of service to provide water by the total billing units (the total amount of water committed under long-term water contracts).

System Water Availability Agreement - the BRA's current standard long-term water supply contract for water to be made available to purchase from the BRA's system of water supply reservoirs, with the water being made available under the SWAA being purchased at the System Water Rate.

System Water Supply Agreement - a long-term water supply contract for a specific quantity of water from one or more of the BRA's system of water supply reservoirs, with that water being purchased at the System Water Rate. Superseded as the standard form of long-term water supply contract in 2000 by the System Water Availability Agreement (*q.v.*).

tailwater - elevation of water below a dam. Comparing tailwater elevation to headwater elevation (the height of water in the reservoir impounded by the dam) allows the calculation of the amount of water flowing through a turbine.

Tainter Gates – is a type of radial arm floodgate used in dams and canal locks to control water flow. It is named for Wisconsin structural engineer Jeremiah Burnham Tainter.

take-or-pay - a water supply contract which specifies that the water user pays for a specified quantity of water committed to it whether any water is actually used by the customer or not.

TDS - total dissolved solids, usually a water quality measurement.

TMDL - Total Maximum Daily Load. The Clean Water Act requires the determination of the maximum daily loading of any contaminant that has been demonstrated to cause a violation of Stream Standards.

TPDES - Texas Pollutant Discharge Elimination System. Each of the BRA's treatment plants is required to operate under the terms of a specific TPDES permit administered by the Texas Commission on Environmental Quality (TCEQ).

TSS - total suspended solids, usually a water quality measurement.

turbidity - a condition in water caused by the presence of suspended matter which results in the scattering and absorption of light.

water right - a legal right to use a specified amount of water for a beneficial purpose.

water supply release - discharge of water from a reservoir for downstream use to fulfill a water supply contract.

watershed management - management of water quality throughout a watershed drainage area by identifying and assessing activities and land-use patterns.

working capital - the excess of current assets over current liabilities.

Brazos River Authority

Acronyms, Agencies, Organizations

ACFR – Annual Comprehensive Financial Report

AF – acre foot/feet

AG – Attorney General

Alliance – The Brazos-Colorado Water Alliance created by the Brazos River Authority and the Lower Colorado River Authority to pursue water projects of benefit to both river basins.

AOP – Annual Operating Plan (the annual budget)

ASR – Aquifer Storage and Recovery

ARRA – American Recovery Reinvestment Act

ATS – Automatic Transfer Switch

BCRUA – Brushy Creek Regional Utility Authority

BOD – Board of Directors

BRA – Brazos River Authority

CAASLE – Concrete Assessment and Service Life Extension

CB/LB – Central and Lower Basin

CCAA – Candidate Conservation Agreement with Assurance

CFO – Chief Financial Officer

CIP – Capital Improvement Project

CO – BRA's Central Office Facility in Waco, TX

COC – Controlled Outlet Conduit

CPI – Consumer Price Index

CRP – Clean Rivers Program. Created by the Texas Legislature in 1991 and is managed and funded by TCEQ. The BRA is the CRP contractor for the Brazos River basin.

CRRSS – Clute-Richwood Regional Wastewater System

CWA – Clean Water Act

DCB – DeCordova Bend Dam (Lake Granbury)

DSSMP – Dam Safety Surveillance and Monitoring Plan
EAP – Emergency Action Plan

ECI – Employment Cost Index

EPA – Environmental Protection Agency

ERP – Enterprise Resource Planning

ESA – Endangered Species Act

EWCRWS – East Williamson County Regional Water System

F&A – Finance and Administration

FEMA – Federal Emergency Management Agency

FY – Fiscal Year

G&CR – Government and Customer Relations

GAAP – Generally Accepted Accounting Principles

GASB – Governmental Accounting Standard Board

GFOA – Government Finance Officers Association

GIS – Geographic Information Systems

GM/CEO – General Manager / Chief Executive Officer

HB – House Bill

HD – High Definition

HL&P – Houston Lighting & Power Company

HR – Human Resources

IPP – Industrial Pretreatment Program

IT – Information Technology

IWRP – Integrated Water Resources Plan

LCRA – Lower Colorado River Authority

LG – Lake Granbury

LiDAR – Light Detection and Ranging

LIMS – Lab Information Management System

LL – Lake Limestone

LOA – Letter of Agreement

LRFP – Long Range Financial Plan

MG – million gallons

MGD – million gallon per day

MOU – Memorandum of Understanding

MSD – Morris Sheppard Dam (at Possum Kingdom)

MSL – mean sea level

MUD – Municipal Utility District

NWS – National Weather Service

O&M – Operations and Maintenance

P&I – Principal and Interest

PBW – Project Budget Worksheet – Tool for capturing information about capital projects

PK – Possum Kingdom Lake

PUC – Public Utility Commission

R&R – Repair and Replacement

RFB – Request for Bids

RFP – Request for Proposals

RFQ – Request for Qualifications

RJV – Ring Jet Valve

RMP – Risk Management Plan

RSMU – Reservoir System Maintenance Unit

RWPG – Regional Water Planning Group

RWS – Regional Water System

SB – Senate Bill

SCADA – Supervisory Control and Data Acquisition

SCR – Sterling C. Robertson Dam (Lake Limestone)

SCWTP – Sandy Creek Water Treatment Plant

SLGW – Sugar Land Greatwood Plant

SLNP – Sugar Land North Plant

SLNT – Sugar Land New Territory Plant

SLSP – Sugar Land South Plant

SLRSS – Sugar Land Regional Sewerage System

SOI – Statement of Interest

SUD – Special Utility District

SWATS – Surface Water and Treatment System

SWP – State Water Plan

TAES – Texas Agricultural Extension Service

T-B WWTP – The Temple-Belton Wastewater Treatment Plant

TCEQ – Texas Commission of Environmental Quality (formerly Texas Natural Resource Conservation Commission (TNRCC)). TNRCC was created September 1, 1993, with the merger of the Texas Water Commission and the Texas Air Control Board.

TIAER – Texas Institute for Applied Environmental Research, located at Tarleton State University in Stephenville, TX

TML – Texas Municipal League

TPDES – Texas Pollutant Discharge Elimination System

TPWD – Texas Parks and Wildlife Department

TRA – Trinity River Authority

TXU – Texas Utilities

TWC – Texas Water Commission (predecessor of the Texas Natural Resource Conservation Commission)

TWCA – Texas Water Conservation Association

TWDB – Texas Water Development Board

USACE – U.S. Army Corps of Engineers

USFWS – U.S. Fish & Wildlife Service

USGS – United States Geological Service

WAS – Waste Activated Sludge

WCID – Water Conservation and Improvement District

WCRRWL – Williamson County Regional Raw Water Line

WEAT – Water Environment Association of Texas

WMP – Water Management Plan

WPP – Watershed Protection Plan

WWTP – Wastewater Treatment Plant

Flooding Definitions

Caution stage - significant rise within the river channel; will not exceed bank full but is a threat to equipment and livestock in the main river channel and tributaries.

Bank full stage - portions of banks of main channel or tributaries under water but not significantly into flood plain.

Minor lowland flooding - river flow extending into flood plain but not causing any damage.

Moderate lowland flooding - river flow extending well into flood plain and causing damage to crops, pasture land; minor roads flooded.

Major lowland flooding - extensive flooding of flood plain; primary roads flooded; evacuations; residences and commercial buildings may be flooded.

Conversions:

Volumes:

1 cubic foot = 7.48 gallons

1 acre-foot = 43,560 cubic feet

1 day second foot = 1.935 acre feet

1 acre-foot = 325,851 gallons

1 million gallons per day (MGD) = 1,120 acre-feet per year

Flow Rates (volume divided by time):

1 cfs = 448.8 gallons per minute

1 cfs for 1 day = 2 acre-feet = 1 dsf

Concentrations:

mg/l = mass (milligram) in volume (liter) or approximately 1 part per million

ppm = parts per million

ppb = parts per billion