

GUADALUPE-BLANCO RIVER AUTHORITY

WORK PLAN AND BUDGET

Fiscal Year Ending August 31, 2023



Seguin, Texas

GUADALUPE-BLANCO RIVER AUTHORITY

WORK PLANS AND BUDGETS

Fiscal Year Ending August 31, 2023

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Guadalupe-Blanco River Authority

Fiscal Year 2022 Work Plan and Budget Format

System Listing

Yr Operations Began	Budget Sections			Type of Budget
		Introductory Section		
		General & Statistical Summary		
		Staffing Summary		
		Financial Summary		
		Consolidated Funds	Section A	
	010	General Division	Section B	Unit of Service
1962	021	Guadalupe Valley Hydroelectric Division	Section C	Unit of Service
2006	030	Shadow Creek Wastewater Treatment Plant	Section D	Unit of Service
1972	033	Stein Falls Wastewater Treatment Plan	Section D	Unit of Service
2009	037	Sunfield WWTP	Section D	Unit of Service
2022	038	Dietz Wastewater System	Section D	Unit of Service
1967	041	Water Sales System	Section E	Unit of Service
1974	041	Laboratory System	Section E	Unit of Service
1962	043	Calhoun Canal System	Section E	Unit of Service
2000	044	San Marcos Water Treatment Plant	Section E	Unit of Service
2002	045	Buda Wastewater Treatment Plant	Section E	Budget-to-Actual
2019	047	Carrizo Groundwater System	Section E	Unit of Service
1972	032	Canyon Park Wastewater Treatment Plan	Section F	Unit of Service
2005	050	Western Canyon Water Treatment Plant System	Section F	Unit of Service
2017	051	4S Ranch Wastewater Treatment Plant	Section F	Budget-to-Actual
2005	052	Cordillera Water Distribution System	Section F	Unit of Service
2005	053	Cordillera Wastewater Treatment Plant	Section F	Unit of Service
2007	054	Comal Trace WDS	Section F	Unit of Service
2009	055	Johnson Ranch Water Distribution System	Section F	Unit of Service
2009	056	Johnson Ranch Wastewater Treatment Plant	Section F	Unit of Service
2015	057	Bulverde Singing Hills Wastewater Treatment Plant	Section F	Budget-to-Actual
2017	058	Park Village Wastewater Treatment Plant	Section F	Budget-to-Actual
2019	059	Boerne ISD Voss Middle School Wastewater Treatment Plant	Section F	Budget-to-Actual
1969	060	Port Lavaca Water Treatment Plant	Section G	Budget-to-Actual
1974	070	Calhoun County Rural Water System	Section H	Unit of Service
1981	091	Coleto Creek Reservoir	Section I	Budget-to-Actual
1981	092	Coleto Creek Recreation	Section I	Unit of Service
1977	100	Luling Water Treatment Plant	Section J	Budget-to-Actual
1988	120	Canyon Hydroelectric Plant	Section K	Budget-to-Actual
1994	130	Lockhart Wastewater Treatment Plant	Section L	Budget-to-Actual
2000	131	Lockhart Water Treatment Plant	Section L	Budget-to-Actual
		Glossary	Section M	
		Index	Section N	

FY 2023 WORK PLAN AND BUDGET PROGRAM NARRATIVE

The mission of the Guadalupe-Blanco River Authority is to “support responsible watershed protection and stewardship, provide quality operational service, and a commitment to promote conservation and educational opportunities in order to enhance quality of life for those we serve.” This is a broad and encompassing mission statement reflective of GBRA’s legislative mandates and constituent demands. A comprehensive update of GBRA’s Strategic Plan was completed in 2017 and an outline is presented below. In developing the FY 2023 Work Plan and Budget, GBRA has included new and continuing initiatives which best accomplish the strategic goals as well as those programs that are valued by constituents and customers. Articulated below is a summary of the FY 2023 financial highlights.

I. HISTORICAL REVIEW

The Texas Legislature created the Guadalupe-Blanco River Authority in 1933 as a political subdivision of the State of Texas. The purpose of GBRA as described by the Legislature was to develop, conserve and protect the water resources of the Guadalupe River Basin and make them available for beneficial use. During the 1930’s and 1940’s, GBRA submitted applications to the Federal Public Works Administration. These applications laid the groundwork for the eventual construction of Canyon Dam and Reservoir following World War II. GBRA also adopted during these decades a soil and water conservation program and explored the potential for hydroelectric development using natural flows of the Guadalupe River. Following the drought and floods of the 1950’s, GBRA (1) supported a statewide Water Resource Development and Conservation Plan, (2) agreed to serve as local sponsor for the Canyon Reservoir project and (3) proposed construction of additional reservoirs in the basin to provide water for future growth. In the 1960’s, GBRA implemented water quality studies in the Guadalupe River Basin and extended this commitment to water protection by directly assisting communities in the planning and operation of water treatment and wastewater treatment facilities. Also during the 60’s, GBRA (1) acquired the Calhoun Canal System and the “run-of-river” rights associated with the Canal System, (2) built the Lower Guadalupe Diversion Dam and Salt Water Barrier, and (3) purchased six small hydroelectric dams and powerhouses in Guadalupe and Gonzales Counties along with the run-of-river water rights associated with that Hydro System. In the 1970’s, GBRA contracted with the City of Victoria to operate its Regional Wastewater Reclamation System, which was later transferred back to the City. It also created the GBRA Rural Utilities Division to operate several small wastewater treatment plants, and constructed and operated the Port Lavaca and Luling Water Treatment Plants. Additionally, during the 1970’s, GBRA concluded the first contractual commitments of stored water from Canyon Reservoir while also modernizing the GBRA hydroelectric system. Water quality programs that were initiated during the 60’s were expanded in 1973 with a joint study between GBRA and the Upper Guadalupe River Authority. In the decade of the 1980’s, because of Canyon Reservoir’s ability to deliver a firm water supply, GBRA constructed the Coletto Creek Reservoir.

This new reservoir was designed and still functions as a cooling reservoir for a coal-fired electric generating plant. Other accomplishments of the 80’s include the construction of a lower basin water

supply pump station and pipeline in Calhoun County that serves two industries along the Victoria Barge Canal as well as the construction of the six megawatt Canyon Hydroelectric Plant in Comal County. During the 1990's, GBRA's growth accelerated. GBRA constructed and/or assumed operations of seven wastewater treatment plants. These plants include two in the City of Lockhart, one in the City of Buda, one for the Crestview area of Calhoun County, one in the Cordillera subdivision in Kendall County, and one each in the Shadow Creek and Sunfield subdivisions located in Hays County. During the first years of the new millennium, GBRA assumed operation of two water treatment plants, one for the City of San Marcos and one for the City of Lockhart and constructed a third, the Western Canyon Plant that serves portions of Comal and Kendall Counties. GBRA also constructed two raw water delivery pipelines and two treated water delivery pipelines totaling approximately 70 miles in length. GBRA then expanded its retail water delivery systems and retail wastewater collection systems in the upper basin with the addition of systems in the Cordillera and Johnson Ranch developments, operates a treated water distribution system in the Comal Trace development, and commenced operation of the Singing Hills Wastewater Treatment Plant on behalf of the City of Bulverde. GBRA also continues to experience growth in its retail operations with new connections to the Stein Falls WWTP System as a result of on-going home construction within that service area as well as from new developments in the Canyon Park WWTP service area. Additionally, GBRA continues to monitor the construction followed by operation of new wastewater treatment plants in the Park Village, Four S Ranch, and Johnson Ranch Developments in Comal County. These new plants are located in a rapid growth area that is just north of San Antonio near the intersection of Texas highway 46 and U.S. highway 281. During 2019, GBRA began operating a wastewater treatment plant for Boerne Independent School District on the site of the newly built Voss Middle School. In 2021, the ownership of the Sunfield wastewater treatment plant and collection system was transferred to GBRA, and in 2022, the first connection is expected to the newly built Dietz wastewater collection system. The financial impact of all of these operations is depicted on page 54.

II. MISSION, GOALS AND OBJECTIVES

The 10-year Strategic Plan was adopted by the Board of Directors in the fall of 2017 and includes its Vision, Mission, Values, and Goals & Strategies. The Strategic Plan is presented below.

Vision

- The Guadalupe-Blanco River Authority leads as a regional partner managing watershed resources to protect and support the needs of a growing population, economy and healthy environment.

Mission

- The mission of GBRA is to support responsible watershed protection and stewardship, provide quality operational service, and a commitment to promote conservation and educational opportunities in order to enhance quality of life for those we serve.

Values

- Service
 - GBRA will maintain high-quality services for our customers
 - GBRA will remain steadfast to preserving the natural environment
 - GBRA will retain and recruit qualified, professional employees
- Stewardship
 - GBRA is dedicated to the continued vitality of our communities
 - GBRA will uphold responsible management of watershed resources
 - GBRA will foster a supportive and respectful workforce
- Commitment
 - GBRA will partner with customers and communities to ensure future water and wastewater needs are met
 - GBRA will implement a basin-wide water management plan to protect water supplies and quality
 - GBRA will invest in our capital and human assets to improve our services and infrastructure to increase the value to our customers

Goals and Strategies

- Operational Excellence
 - Safe, Reliable, Sustainable Water Supply
 - Clean, Protective, Innovative Wastewater Treatment
 - Water Quality Services/Resource Protection
 - Hydroelectric Generation
 - Recreation Opportunities
- Asset Investment
 - Organizational Enhancements
 - Human Capital Management
 - Infrastructure Management
- Strategic Communications & Education
 - Implement Proactive Media/Social Media Relations
 - Execute Beneficial Community Relations
 - Produce Publications/Special Projects
 - Employ Education Programming
 - Produce Geographic Information System (GIS) Mapping
 - Implement Marketing Strategies
- Resource Stewardship & Policy
 - Non-Profit Affiliations
 - Endangered Species

III. FINANCIAL POLICIES

An integral component in the development and subsequent success of this Work Plan and Budget are the financial policies of GBRA. Foremost among those policies are those related to Budgets,

Procurement, Risk Management, Investments, Capital Assets, Financial Reserves, and Debt Service.

The GBRA Budget policy emphasizes that the annual Work Plan and Budget is a communication tool as well as an internal control tool. These objectives are accomplished by requiring that all revenue and expenses be described in detail and that subsequent budget to actual comparisons be compiled at least quarterly. Further budgetary control measures include the prohibition of expending non-budgeted funds that exceed specific amounts without prior Board of Directors approval, unless an emergency condition exists that jeopardizes public health or property.

The GBRA Procurement policy establishes guidelines for procuring equipment, material, supplies, and services for both operating and construction purposes. The policy requires that GBRA conduct its procurement activities in accordance with the spirit and legal intent of the State of Texas procurement laws. Furthermore, the procurement policy states that procurement activities should be conducted in a manner that results in reasonable rates and financial stability while enhancing GBRA efficiency. Finally, the procurement policy assures integrity within the program through open, fair, and competitive practices which provide equal opportunity to all vendors.

The GBRA Risk Management policy establishes guidelines for the management of property and casualty risks to which GBRA and its employees are exposed. The goals of the policy are to minimize or eliminate risks, protect employees from hazards, avoid jeopardizing GBRA's financial condition, and conserve material resources. The principal means of achieving these goals is by applying risk management practices at all organizational levels, retain financial risks when prudent, and purchase insurance to cover other risks.

The GBRA Investment policy provides the guidelines for cash management and investment of funds. The goal of this policy is to provide a high level of security, assure sufficient liquidity, and earn a competitive rate of return consistent with the Texas Public Funds Investment Act. Policy measures include diversification of investment products, limitation of investment terms, mandatory bank collateral procedures, periodic "mark-to-market" valuation of investments, and competitive selection of investments.

The GBRA Capital Assets policy provides for the safeguarding and disposition of all capital assets. The intentions of this policy are to maintain a system that accurately accounts for all capital assets and assigns safekeeping responsibility for each asset. Components of this policy include a policy to capitalize assets exceeding a cost of \$5,000 as well as an annual requirement to physically inventory capital assets.

The GBRA Debt Service policy provides for the authorization to issue obligations within the meaning of the Financing Act. The issuance of these obligations provides funding for the construction costs of new projects as well as the refunding of prior obligations when it is cost effective to do so. GBRA does not have the authority to levy ad valorem taxes, or in any way pledge the general credit of the State of Texas; therefore, no legal debt limit exists for GBRA. Neither GBRA's enabling act nor does state law require GBRA's debt service coverage to be greater than 1:1. Debt service coverage is however required by GBRA to be greater than 1:1 if the size,

complexity, or other characteristics of the project financed necessitates it. Each contract revenue bond issue is insured or credit rated based on the financial strength of the underlying credits of GBRA's service contracts.

In 2002, GBRA adopted its first financial reserve goal to ensure adequate funds were available in the event of emergencies, contingencies, liability claims, and other unexpected events.

In order to best position GBRA for the future, a reassessment of the financial reserve goal and documented practices was conducted and compared with current industry standards. The analysis resulted in the recommendation to make adjustments creating a minimum threshold for financial reserves and document the many practices and strategies currently in place to protect and manage GBRA's financial resources. This led to the development of Financial Practices & Strategies.

The purpose of the Financial Practices and Strategies document is to summarize the business and financial practices that are in place to ensure the prudent stewardship of GBRA funds and outline strategies to maintain its long-term financial sustainability. Many financial challenges can be overcome by having well established financial guidelines that are consistently and effectively implemented and executed. The Board of Directors adopted the Financial Practices & Strategies in November 2021. The document can be found on pages 24-34.

IV. FINANCIAL GOALS

GBRA's financial goals include establishing reasonable rates thereby providing economical service to customers and other constituents within the Guadalupe River Basin. The development of reasonable rates and the pricing of GBRA services must start with the premise that all expenses including operating, maintenance, debt service, and non-debt financed capital additions will be covered. However beyond the coverage of costs, the reasonable rate goal may also include factors such as customer contractual provisions, competition, comparable services, market, and social concerns. The second of the three principal financial goals is to maintain adequate financial reserves to sustain the organization over the long term. The third financial goal is to systematically develop new operations.

An efficient operation with reasonable rates is expected of all governmental organizations. Public scrutiny, and the possibility of both out-sourcing and rate appeals demands that GBRA be cost effective in its operation through sound planning, budgeting and program prioritization. At the same time, it must be recognized that reasonable rates must include components for adequate capitalization and financial reserves. Without such reserves, economical operations can be jeopardized by low credit ratings and/or the inability to meet financial contingencies when they occur. Finally, the existence of financial reserves can be leveraged with constituent resources to enhance the possibility of meeting GBRA's third financial goal which as stated above is to develop new operations.

V. ORGANIZATION AND STAFF

Provided in the Staffing Summary section on pages 35-37, are charts showing the organizational leaders who are responsible for fulfilling the Mission of GBRA. Additional staffing summaries providing division specific information are shown under each divisional section.

Employees whose positions require them to make purchases for GBRA are authorized to make purchases based on approved spending levels. These spending levels are shown in the Staffing Summary section on page 40.

A net increase of 9 positions are included in the Work Plan for FY 2023 in comparison to the previous year's Work Plan. The position changes by division are identified in the staffing summary table on page 39.

VI. MAJOR ELEMENTS

Described below are some of the major elements in the GBRA Work Plan and Budget for FY 2023 as well as some of the key components in our efforts to implement and advance the broader GBRA Goals and Objectives.

General Division

- A. Within GBRA's General and Water Resource Divisions, most of the administrative, engineering, public communication, governance, human resources, finance, policy setting, and new project planning activities are accomplished. As such, the personnel of GBRA's Management Team are assigned to one of these two Divisions.
- B. Funds are included in the Budget to continue public and legislative communication efforts. Also included are funds to continue an emphasis on technical training and professional development.
- C. GBRA will continue enhancing its information technology capabilities including its wide area network, internet, intranet, and the GBRA web page. The budget includes ongoing funding for its financial and human resource management software, as well as database and SCADA capabilities to ensure proper security to minimize exposure to unsolicited system intrusions and ensure adequate disaster recovery preparations. Ongoing costs associated with the new computerized maintenance management system (CMMS) for asset management are also included.
- D. Professional fees are budgeted for the annual financial audit, legal assistance, legislative advocacy, pension plan actuarial reporting, pension plan investment assistance, supervisory and leadership training, communication services, computer-related assistance, investment portfolio reviews, and assistance with GBRA's employee benefit plans.

- E. The Administrative & General (A&G) rate charged to all GBRA operations remains at 33% of labor.

Hydroelectric Operations

- A. All of the hydroelectric power generated within GBRA's Guadalupe Valley Hydroelectric Division is delivered to the Guadalupe Valley Electric Cooperative (GVEC). In addition to a monthly facility charge, GBRA and GVEC agreed to a rate of 3.14¢ per kilowatt-hour assuming average annual generation. Even at this rate, which generally exceeds average market electricity pricing, the hydroelectric division cannot generate sufficient revenue to fund routine operations. After partnerships were established with newly formed Water Control & Improvement Districts (WCIDs), construction is well underway on the dam and spillgates for Lake Dunlap. The engineering design is complete for both Lakes McQueeney and Placid and permitting is in process through the Corp of Engineers. Due to the spillgate failures at Lake Placid and Lake Gonzales in 2021, only two of the six hydroelectric dams are in operation. As a result, electrical generation is expected to be limited to just the first few months of the fiscal year for the two remaining operational dams.
- B. In the Guadalupe Valley and Canyon Hydroelectric Divisions, the hydroelectric plants will continue to be operated to produce the maximum amount of power while working within the constraints of the applicable water permits and complying with all federal and state regulations regarding water quality, temperature, and river flows.
- C. Employees of the Hydroelectric Division and Rural Utilities Division are also involved in the operation and maintenance of the Regional and Guadalupe Power Partners raw water pump stations and pipelines.

Wastewater Utility Operations

- A. In the wastewater operations of the Rural Utilities Division, employees will continue to place emphasis on the correction of infiltration and inflow (I & I) into collection systems. It is important that these I & I issues continue to be addressed to reduce potential sources of pollution and to minimize the detrimental impact on plant hydraulic capacities.
- B. A wastewater collection crew is part of GBRA's routine operations to proactively assess wastewater pipelines to clear potential blockages before an issue arises for customers. Investments in capital equipment have been made in previous years to assist the crew in their assessments. Inspection data is loaded to GBRA's asset management and GIS systems for future reference and analysis.
- C. The Dietz Wastewater Collection System, that will serve the high growth area along Highway 46 between New Braunfels and Seguin, is operational and will serve the first customers in FY 2023. This area will continue to experience growth for many years to come.

- D. The rapid growth in the area of Guadalupe County south of New Braunfels and west of the Guadalupe River has necessitated additional infrastructure in the Stein Falls service area. GBRA has designed and constructed an expansion of the collection system leading into the Stein Falls Wastewater Treatment Plant, which is expected to be completed in the summer of 2022.
- E. The Work Plan for the City of Lockhart reflects the operation of the original Larremore Street Plant as well as the operation for the newer FM 20 Reclamation Plant.
- F. GBRA took ownership of the Sunfield Wastewater System in 2021. This retail operation services approximately 2,900 retail customers and will continue to grow for many years. Goforth Special Utility District is the water provider for these customers and provides billing services on behalf of GBRA.

Water Resource Operations

- A. GBRA operates and maintains water treatment plants in the Cities of Port Lavaca, Luling, San Marcos, and Lockhart. In addition to those cities, the plants serve other customers including the City of Buda, City of Kyle, Goforth Special Utility District, Port O'Connor Improvement District, Calhoun County Rural Water System, Monarch Utilities L.P., and the Sunfield Municipal Utility District. GBRA operates these plants in a manner that include a process called “optimization”. Optimization is the concept of operating a water treatment plant to produce a higher quality of treated water than is required by regulations.
- B. GBRA also owns and operates the 10 MGD Western Canyon Water Treatment Plant. This plant serves a number of customers including the City of Boerne, City of Fair Oaks Ranch, San Antonio Water System, Canyon Lake Water Service Company as well as the Cordillera, Comal Trace, and Johnson Ranch housing developments. During 2019, GBRA completed the \$3.5M aeration project at the Western Canyon Water Treatment Plant related to mitigating disinfection by-products that occasionally occur in the treatment of surface water. Planned for FY 2023 is a mitigation project of fresh water zebra mussels that affect the intake pipe leading to the plant.
- C. GBRA’s Mission, Goals and Objectives emphasize water resource projects and operations, related to both quality and quantity of water. Constituents throughout the river basin recognize the importance of maintaining water quality, while providing sufficient water quantity, especially during times of drought. Fundamental to GBRA’s mission is planning and development for the 50-year water demands of the GBRA service area. This emphasis is reflected throughout the Work Plan and Budget.
- D. The General Manager/CEO and other members of the Management Team continue to put a significant amount of time into water resource development and operations. This effort is indicative of the emphasis and importance GBRA places on water resource development. Ongoing planning and discussions are taking place for the high growth areas within Hays and Caldwell Counties.

- E. GBRA's contract rate for firm water is budgeted at \$165 per acre-foot per year. The program costs within GBRA's Water Resource operations have trended up over time. Programs that will be an emphasis in the FY 2023 Water Resource work plan include the various programs related to flows from the Edwards Aquifer and the continued development of additional water supplies in the basin including the Mid-Basin Project, the Lower Basin Water Supply Project firming up run-of-river water rights, and the Carrizo Groundwater Supply project.
- F. Another of GBRA's areas of emphasis is in customer relations, tourism and economic development. The need to assist customers, constituents, and communities in the GBRA District with water and wastewater needs as well as assist with the quality of life in the District has been identified during previous strategic planning meetings. Tourism and economic development related activities which will continue during FY 2022 include development of river paddling trails, work with the Gorge Preservation Society on further development of the Canyon Lake Gorge, continuing support of the Texas Water Safari, and assisting several community events.
- G. The Work Plan and Budget includes a continuing emphasis on flood management activities. Funds are again budgeted for coordination with the National Weather Service and work with local emergency management coordinators. There is continued funding of existing streamflow monitoring systems throughout the river basin.
- H. Within the Water Resources Division there are funds budgeted for project and studies especially related to Water Planning, In-Stream and Environmental Flows, defense of GBRA's surface water rights, an Edwards Aquifer habitat conservation plan, control of aquatic weeds particularly non-native species, zebra mussels, the Clean Rivers Program, operational studies of Canyon Reservoir releases, hydraulic modeling, water supply issues in Kendall, Comal, Guadalupe, Caldwell, Hays and Calhoun Counties, watershed protection studies, permitting costs of new surface water supplies, and support for a GBRA Habitat Conservation Plan, which will be partially funded through a grant from Texas Parks and Wildlife Department via United States Fish & Wildlife.
- I. The water quality aspects of water resource management include the operation of the Laboratory in Seguin. GBRA recognizes that the Laboratory is an integral and essential part in the protection of the water resources of the Guadalupe River Basin. Lab personnel do much more than just analyze samples. In addition to analyzing samples and publishing the results, laboratory personnel provide valuable technical assistance to GBRA's operations, local utilities, and residents within the river basin. They also assist educators throughout the basin.
- J. The Port Lavaca Treatment Plant is unique in that GBRA owns the facility. The plant has reached its useful life and needs replacement. GBRA continues to work with the City of Port Lavaca and Port O'Connor Improvement District on the next steps in the planning process.

- K. In 2000, GBRA began operating the City of Lockhart's water well system and ground water treatment plant. This operation was initiated pursuant to a contract between GBRA and the City. The contract provided that GBRA would assume the City's water treatment plant employees as well as responsibility for all operating, maintenance, and capital improvement requirements of the system. During FY 2005, a treated water pipeline running from the Luling Water Treatment Plant to the City of Lockhart was completed and placed in operation. This pipeline provides the City of Lockhart with a supplemental, high quality surface water source of up to 1.5 million gallons per day.
- L. During FY 2000, GBRA began operation of the Regional Raw Water Delivery System (RRWDS). The RRWDS pumps stored water from the Guadalupe River to the San Marcos Water Treatment Plant as well as to the Luminant (formerly Hays Energy Limited Partnership) electric generating plant and Canyon Regional Water Authority.
- M. GBRA also began operation of a second, similar raw water delivery system during FY 2001. This project consists of a pump station located on Lake Dunlap in Guadalupe County and six miles of pipeline. The project provides cooling water to the Guadalupe Power Partners 1,100 megawatt electric generating plant.
- N. In the Calhoun County Rural Water Supply Division, new meters were installed during FY 2020 to improve system efficiency, transmit data, and reduce staff time in collecting water usage information. System improvements were recently made to upgrade transmission lines to improve performance and efficiency of the system.
- O. GBRA staff will continue work with residents and developers as well as City and County officials in Comal and Kendall Counties to determine the need and timing of a future expansion of GBRA's Western Canyon Project from its current 10 MGD capacity up to 15 MGD.
- P. Due to the rapid growth in the western and northern parts of the river basin, a number of road expansion projects are under development by TxDOT. Some of these projects will require some of GBRA water supply pipelines to be relocated.
- Q. Although planning began many years prior, during 2018 GBRA entered into agreements to develop a new water supply for New Braunfels Utilities, Goforth Special Utility District, and the City of Lockhart. The project involves developing 15,000 acre-feet of Carrizo Aquifer groundwater in Gonzales and Caldwell counties. GBRA and Alliance Regional Water Authority are collaboratively developing a single treatment plant and transmission system with water to be produced by 2023. The project is being expanded to include and increase to 24,000 acre-feet to provide water to additional customers.

Recreation and Tourism Development

- A. GBRA operates three park facilities, including the Coleta Creek Regional Park located in Victoria and Goliad Counties, the Guadalupe Recreation System in Guadalupe County, and the Lake Wood Recreation Area in Gonzales County. These parks provide picnicking, camping and water-oriented recreation for the residents and visitors of the river basin.
- B. The Guadalupe Recreation System and the Guadalupe Valley Hydroelectric Division host the Texas Lineman's Rodeo in July each year, which draws approximately 1,800-2,000 participants and visitors to the park for the competition.
- C. During one week in the summer of 2002, more than 34 inches of rain fell in the upper watershed of the Guadalupe River, setting off a torrent of floodwater that carved a perfectly fascinating geological wonder – the Canyon Lake Gorge – out of the earth. Through partnerships with the Gorge Preservation Society, a motivated and committed volunteer organization, much work has been done to develop the Gorge to provide both hiking and educational opportunities for visitors. An environmental learning building was constructed in 2021 to provide additional educational opportunities for students and adults. Self-guided tours along with expert led guided tours are available as well as educational opportunities for 5th grade classrooms that meet Texas educational standards.
- D. The GBRA staff recognizes that these recreation operations make a valuable contribution to the achievement of GBRA's mission. In fact, public recreation is a specific duty described in GBRA's enabling act. Staff are also involved in organizations that promote tourism development which translates into economic growth and development within the river basin. This effort broadens GBRA's recreation and tourism development activities beyond the scope of traditional parks and recreation systems.

All Divisions

- A. In the Work Plan and Budget, all divisions are again emphasizing employee and public safety, professional development, succession planning, and technical training. As part of the Goals and Objectives emphasis on technical assistance and support, it is necessary for the staff to spend time at training programs and conferences.
- B. GBRA will also continue to emphasize its safety, health and wellness programs. A safety manager was hired during FY 2020 to assist with the implementation and ongoing evaluation of safety programs.
- C. In January 2019, GBRA implemented a new retirement plan with the Texas County and District Retirement System (TCDRS). Accumulated benefits within the Defined Benefit

Pension Plan were frozen at that time. The TCDRS plan provides a valuable retirement benefit to employees over the long term and reduces GBRA's overall retirement obligations.

- D. The contribution to the GBRA Health Insurance Plan is expected to increase due to a continuing inflationary trend within the health care industry.

VII. BUDGET FORMATS

GBRA is comprised of ten separate operating divisions including the General Division, which provides administrative support and overall leadership. Each operating division has a separate budget that monetarily quantifies the major elements of the plan of work for the fiscal year so that each budget is balanced such that all costs have an equal or greater amount of funding budgeted to pay those costs. Some divisions are divided into one or more systems. Where this occurs, each system has a separate budget in order to facilitate cost accounting, fiscal control, and the setting of appropriate customer charges. Following the individual system budgets, a division level consolidated budget is presented for information purposes only. The budget process is further defined on page 21 of this section.

Each operating division or system has one of two types of budgets, depending upon the type of relationship with the divisions' customers:

- A. Some divisions have a budget-to-actual operating relationship with an individual customer. These include the Buda Wastewater Treatment Plant, Singing Hills Wastewater Treatment Plant, Park Village Wastewater Treatment Plant, 4S Ranch Wastewater Treatment Plant, Port Lavaca Water Treatment Plant, Coleto Creek Reservoir, Luling Water Treatment Plant, Canyon Hydroelectric, Lockhart Wastewater Reclamation System, Lockhart Water Treatment Plant and Boerne ISD Wastewater Treatment Plant Divisions. In each case, GBRA prepares an annual budget that is approved by the customer. During the course of the fiscal year, monthly billings are sent to the customer based on that budget. At the end of each fiscal year, the amount of monthly billings is adjusted to the total actual cost of service.
- B. The remaining GBRA divisions and systems sell "units of service" to a customer or customers. In each case, the customer(s) pays for the service based upon some unit of measure such as acre-feet of water, gallons of water, kilowatt-hours of electricity, or days of campsite rental. The revenues derived from the customers pay the operating, maintenance, debt service, and capital addition expenses of the division. In these divisions and systems, the income is completely dependent upon the number of units sold and the end of year results may be positive or negative.

Each GBRA division budget is organized into two sections:

- A. The first section of the budget includes a divisional summary, a budget narrative, staffing summary, and summary financial graphs. The budget narrative includes a description of the division, objectives, and a highlight of the financial information.

B. The second section is comprised of several pages that summarize all of the funds in whole dollar amounts that have been budgeted to flow into and out of the division. The Operating Budget summarizes the operating revenues, operating and maintenance expenses, capital outlays for asset purchases to get to a “Net Operating Income”. For divisions which have outstanding debt, there is a Debt Service Budget following the Operating Budget that identifies debt revenue, principal and interest payments, resulting in a “Net Change in Debt Service Budget”. The end result is a “Net Change in Fund Balance” for the division.

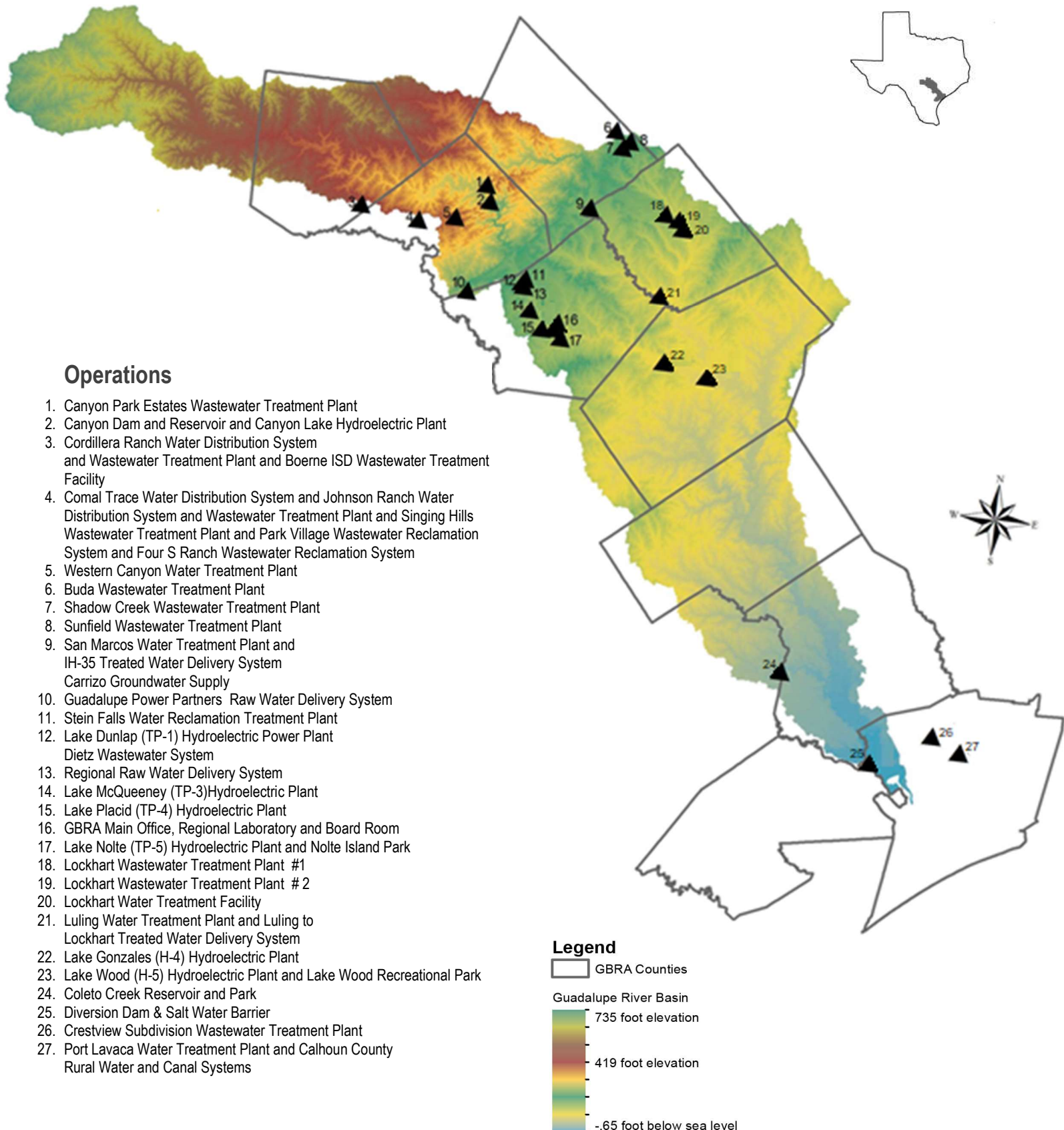
VIII. RATES

A table of rates and rate structures on pages 60-70 in the Financial Summary section summarizes GBRA’s existing and proposed rates. The rates listed for FY 2023 are being recommended to the GBRA Board of Directors for approval along with their approval of the budgets. The rates that are recommended to be changed from FY 2022 to FY 2023 are shaded in yellow for ease of identification. Beginning with FY 2021, all rates are aligned with the fiscal year, beginning on September 1 of each year.

IX. STATISTICAL & FINANCIAL DATA

Operational maps and statistics, list of principal customers, followed by an overview of the budget process, holiday schedule and the Financial Practices and Strategies to finish out the General and Statistical section. Additional statistical and financial data are highlighted in the introductory section of the Budget and Work Plan under the Staffing and Financial, tabs.

Map of River Basin



Statistical Data

Rivers:

Guadalupe	
Total River Miles	431.6
Average Discharge	1,240,000 acre-feet/year
Blanco	
Total River Miles	89.8
Average Discharge	110,100 acre-feet/year
San Marcos	
Total River Miles	74.2
Average Discharge	259,400 acre-feet/year
Comal	
Total River Miles	2.0
Average Discharge	219,800 acre-feet/year

Dams and Reservoirs:

Canyon Conservation Pool	
Capacity	386,210 acre-feet
Surface Area.....	8,240 acres
Elevation	909.0 ft. (MSL)
Canyon Flood Control Pool	
Capacity	346,000 acre-feet
Surface Area.....	12,890 acres
Elevation	943.0 ft. (MSL)
Coleta Creek	
Capacity	35,084 acre-feet
Surface Area.....	3,100 acres
Elevation	98.0 ft. (MSL)
Stein Falls	
Capacity	5,900 acre-feet
Surface Area.....	410 acres
McQueeney	
Capacity	5,050 acre-feet
Surface Area.....	400 acres
TP-4	
Capacity	2,624 acre-feet
Surface Area.....	248 acres
Nolte	
Capacity	1,550 acre-feet
Surface Area.....	153 acres
H-4	
Capacity	6,500 acre-feet
Surface Area.....	696 acres
H-5	
Capacity	4,000 acre-feet
Surface Area.....	488 acres
Lower Guadalupe Diversion Dam and Salt Water Barrier	
Capacity	600 acre-feet
Surface Area.....	100 acres

General Information

Guadalupe-Blanco River Authority

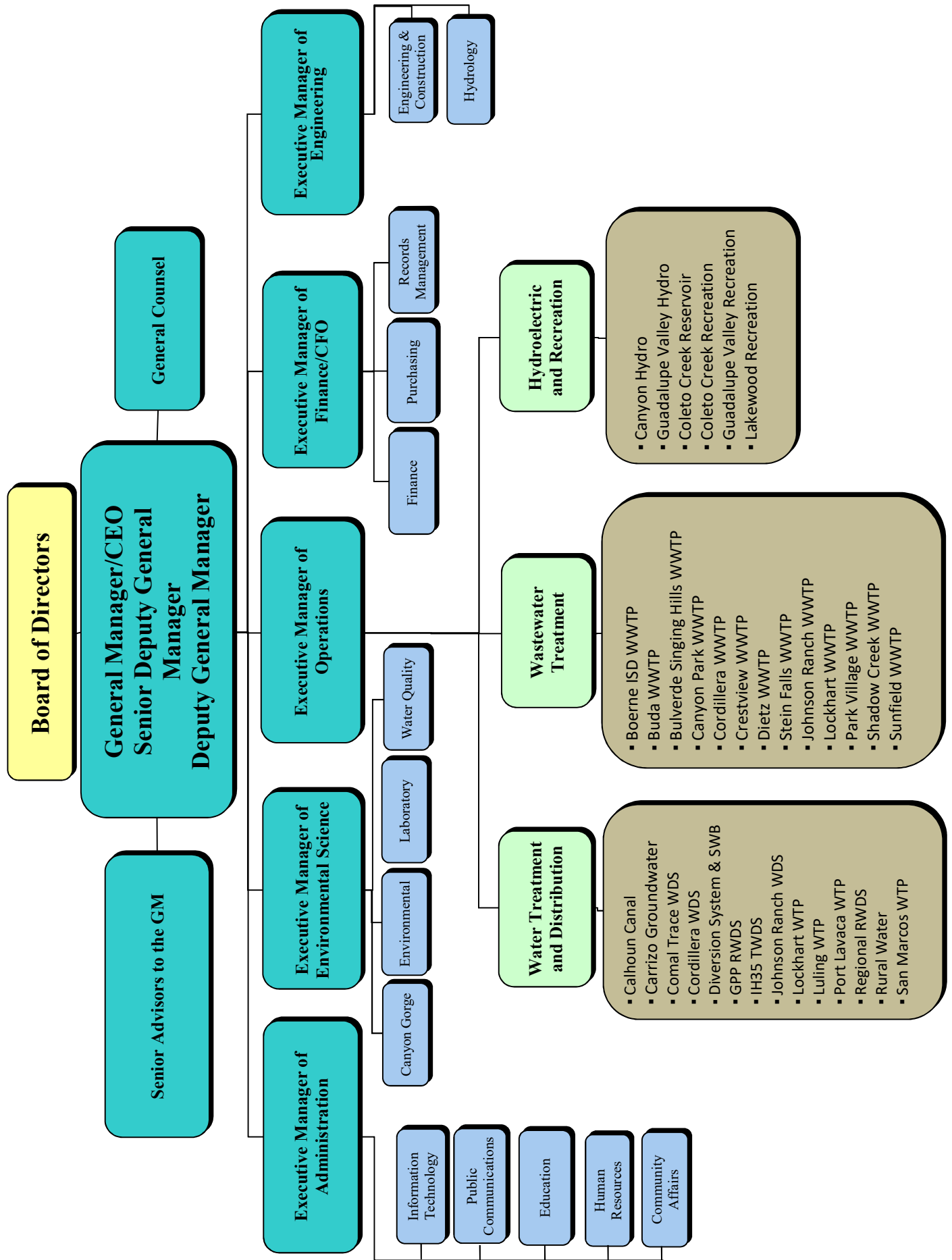
Created under..... Vernon’s Civil Statutes, Article 8280-106
Year Created 1933
Domicile..... New Braunfels, Texas
Last Revision of Enabling Act..... 1975
Last Revision of Bylaws 2012
Population of District..... 624,049
Area of District 7,300 square miles
Average Annual Rainfall of District..... 33.02 In.
Web-site www.gbra.org



Offices

GENERAL OFFICE	933 E. COURT STREET	SEGUIN, TEXAS
Buda Wastewater Treatment Plant	575 Garison Road	Buda, Texas
Calhoun Canal, Port Lavaca WTP, Calhoun County Rural Water	Hwy. 316, Magnolia Beach Road	Port Lavaca, Texas
Coleto Creek Park and Reservoir	365 Coleto Park Road	Fannin, Texas
Hydroelectric Divisions, Rural Utilities, Water Sales and Laboratory	933 E. Court Street	Seguin, Texas
Lake Wood Recreation Area	167 County Road 254	Gonzales, Texas
Lockhart Wastewater Reclamation System	4435 FM 20 North	Lockhart, Texas
Lockhart Water Treatment Plant	547 Old McMahan Road	Lockhart, Texas
Luling Water Treatment Plant	350 Memorial Drive	Luling, Texas
San Marcos Water Treatment Plant	91 Old Bastrop Road	San Marcos, Texas
Western Canyon Division	4775 South Cranesmill Rd.	Canyon Lake, Texas
Canyon Lake Gorge	16029 South Access Road	Canyon Lake, Texas

Guadalupe-Blanco River Authority Operational Chart





List of Principal Customers

Guadalupe Valley Electric Cooperative
New Braunfels Utilities
Coleto Creek Park Customers
Lake Wood Recreational Park Customers
Nolte Island Park Customers
Laboratory Customers
Calhoun County Farmers

Boerne ISD Voss Middle School
City of Buda
City of Bulverde
City of Lockhart
Cordillera Ranch
North Hays County MUD #1
Johnson Ranch Municipal Utility District
Comal County WCID #6

POWER SALES & OTHER SERVICES

WATER SALES CUSTOMERS

Canyon Lake Water Service Co.
Canyon Regional Water Authority
City of Boerne
City of Buda
City of Fair Oaks Ranch
City of Kyle
City of Port Lavaca
City of San Marcos
City of Seguin
Coleto Creek Power, LP
Cordillera Ranch
Crystal Clear Water Supply Corporation
Calpine (Guadalupe Power Partners)
Green Valley Special Utility District
GoForth Special Utility District
Luminant (Hays Energy Limited Partnership)
Ineos Nitriles Green Lake Plant
New Braunfels Utilities
San Antonio Water System
Springs Hill Water Supply Corporation



WASTEWATER TREATMENT CUSTOMERS

WATER TREATMENT CUSTOMERS

Calhoun County Rural Water Corporation
Canyon Lake Water Service Company
City of Boerne
City of Buda
City of Fair Oaks Ranch
City of Kyle
City of Lockhart
City of Luling
City of Port Lavaca
City of San Marcos
Cordillera Ranch
Goforth Special Utility District
New Braunfels Utilities
Port O'Connor Improvement District
San Antonio Water System

Operating Statistics

Operating Statistics	Actual			Budget	
	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Water Treatment Customers:					
<i>Total Retail Water Distributed (Gal.)</i>					
Calhoun County Rural Water Division	86,693,565	85,449,000	83,006,000	83,000,000	83,000,000
Comal Trace WDS	34,005,000	45,788,000	42,155,000	41,160,000	42,000,000
Cordillera WDS	137,563,000	131,719,000	183,293,300	260,000,000	286,000,000
Johnson Ranch WDS	68,131,800	101,218,100	90,047,166	144,000,000	160,000,000
<i>Total Water Treated (Gal.)</i>					
Lockhart Water Treatment Plant	526,173,000	561,983,000	499,981,000	552,523,000	552,523,000
Luling Water Treatment Plant	617,172,000	664,876,000	670,258,000	658,599,000	660,034,000
Port Lavaca Water Treatment Plant	636,943,000	691,659,000	654,756,000	673,080,000	656,970,000
San Marcos Water Treatment Plant	3,830,390,000	4,426,520,000	4,838,971,000	4,625,290,000	4,921,981,000
Western Canyon Water Treatment Plant	3,651,168,000	4,277,936,585	3,686,000,000	3,650,000,000	3,650,000,000
Wastewater Treatment Customers:					
<i>Total Retail Wastewater Collected (Gal.)</i>					
Boerne ISD WWTP	56,511	605,865	593,000	615,000	850,000
Canyon Park WWTP	24,000,000	22,673,000	25,570,000	25,000,000	23,000,000
Cordillera WWTP	18,040,000	20,922,000	21,180,000	25,000,000	22,500,000
Crestview Subdivision WWTP	3,709,000	2,711,463	3,931,000	2,000,000	2,000,000
4S Ranch WWTP	--	--	4,550,000	26,600,000	38,000,000
Johnson Ranch WWTP	19,860,000	21,104,000	26,070,000	29,000,000	32,000,000
Shadow Creek WWTP	71,250,000	90,980,000	90,930,000	108,000,000	108,000,000
Stein Falls WWTP	122,600,000	121,000,000	156,300,000	182,000,000	170,000,000
<i>Total Wastewater Treated (Gal.)</i>					
Buda Wastewater Treatment Plant	428,560,000	409,440,000	452,900,000	466,000,000	489,000,000
Bulverde Singing Hills WWTP	15,190,000	14,389,000	17,810,000	20,000,000	30,000,000
Lockhart Wastewater Reclamation System	366,470,000	370,710,000	399,600,000	433,770,000	412,010,000
Park Village WWTP	--	--	6,230,000	10,200,000	12,000,000
Sunfield Wastewater Treatment Plant	83,980,000	102,070,000	127,900,000	160,000,000	195,000,000
Water Sales Customers:					
<i>Rice Irrigation First Crop (Acres)</i>					
Calhoun Canal System	--	--	--	--	1,146
<i>Water Delivered (Gal.)</i>					
Guadalupe Power Partners RWDS	1,014,987,000	1,216,478,000	1,019,613,000	1,090,872,000	1,116,276,000
IH 35 TWDS	1,612,483,000	1,889,170,000	2,238,775,000	2,029,400,000	2,203,816,000
Regional RWDS	5,032,365,000	5,552,465,000	5,931,172,000	5,725,587,000	6,111,800,000
Lu-Lo TWDS	386,499,000	409,605,000	418,478,000	405,465,000	405,355,000
Power Sales:					
<i>Total Generation (kWh)</i>					
Guadalupe Valley Hydroelectric Division	62,320,000	21,878,000	19,850,000	23,197,304	--
Canyon Hydroelectric Division	15,770,000	1,226,900	46,000	3,358,240	--

Operating Statistics

Operating Statistics (cont.)	Actual			Budget	
	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Other Services:					
<i>Annual Permits</i>					
Coletto Creek Regional Park	241	366	210	225	225
Lake Wood Recreational Park	3	3	5	--	--
<i>Camping Permits</i>					
Coletto Creek Regional Park	13,609	12,877	16,594	10,080	10,080
Lake Wood Recreational Park	2,263	23	2,755	845	350
<i>Cabin Permits</i>					
Coletto Creek Regional Park	391	470	623	650	650
<i>Day Use Permits</i>					
Coletto Creek Regional Park	15,065	8,417	9,127	17,000	15,000
Lake Wood Recreational Park	1,745	1,318	1,507	1,745	1,750
<i>Source: GBRA Comprehensive Annual Financial Report</i>					

Budget Process Overview

Budget Preparation and Adoption

The budget is a tool used to assist GBRA in projecting customer needs, financial standing, and opportunities for the upcoming Fiscal Year. Many employees are involved in the budget – whether it is in preparation, implementation, administration, or evaluation. The Finance department is ultimately responsible for the preparation and production of the budget. In order to ensure the budget is complete by the beginning of the Fiscal Year as set in the “By-laws,” the budget preparations begin at least six months prior to the end of the Fiscal Year. The Fiscal Year for GBRA begins on September 1 and ends August 31. Budget preparations begin with management meetings discussing goals, objectives, projects, interdepartmental labor transfers, and deadlines. The next three months involve the routing of various schedules between the Finance Department and managers for input, review, and changes. During mid-May, the divisions with cost of service contracts begin submitting their proposed budgets to the customers for review. Meetings are held and the budgets are modified as necessary. After all revisions are made, the GBRA Board is presented with a draft budget for review in June. The final budget is adopted at the August board meeting and becomes effective on September 1.

Budget Amendments

Management control of the budget is maintained by publishing budget utilization reports on a monthly basis for review by managers. During these reviews, managers focus on financial standings, completed projects, and upcoming projects or tasks. This allows for the opportunity to check for accuracy and evaluate the need for any budget revisions. As the need arises during the Fiscal Year, GBRA may amend the budget. The proposed amendment is reviewed by managers and submitted with background information to the Board for consideration. Following Board approval, the information is transferred to the Finance Department for input to the budget document. The change will be subsequently reflected in the budget to actual comparison reports that are prepared monthly. Transfers between divisions will also require a budget amendment approved by the Board of Directors as do each non-budgeted expenses which exceeds an amount to be established coincident with the budget approval each year. The General Manager is however authorized to expend non-budgeted funds if emergency conditions exist which jeopardize public health, property, or would cause unreasonable economic loss to GBRA. In such circumstances, a budget amendment for the expenditure of emergency funds shall be later ratified by the Board of Directors. (GBRA Board Policy, 409 - Budgets).

Budget Basis

Annual budgets are presented in whole dollars. For financial reporting, expenses are recorded when a liability is incurred and revenues are recognized when earned. The Annual Comprehensive Financial Report shows the status of GBRA’s finances on the basis of “generally accepted accounting principles” (GAAP). In most cases this conforms to the way the budget is prepared. Three exceptions are the treatment of depreciation expense (this is not shown in the budget, although the full purchase price of equipment and capital improvements is included, while purchases of capital improvements are depreciated and amortized in the Financial Report); deferred costs and expenses (these deferred costs and expenses are not shown in the budget, but are recognized in the Financial Report); and compensated absences (accrued but unused vacation leave) are not recognized in the budget.

Budget Calendar

<i>Date</i>	<i>Task</i>
June 15	Mail <i>Port Lavaca</i> budget to the City of Port Lavaca
June 15	Mail <i>Coleta Creek Reservoir</i> budget to Coleta Power Group, LP
July 1	Mail <i>Shadow Creek WWTP</i> budget to North Hays County MUD
July 1	Mail <i>Buda WWTP</i> budget to City of Buda
July 1	Mail <i>Boerne ISD Voss Middle School WWTP</i> budget to Boerne ISD
July 1	Mail <i>Canyon Hydro</i> budget to New Braunfels Utilities
July 1	Mail <i>Lockhart WWTP & WTP</i> budgets to the City of Lockhart
July 15	Mail proposed budgets to GBRA Board members
July 15	Mail <i>G.V. Hydroelectric</i> budget to GVEC (not a contract requirement)
July 15	Mail <i>Singing Hills WWTP</i> budget to City of Bulverde
July 15	Mail <i>Calhoun County RW</i> budget to Rural Water Board
July 15	Mail <i>Luling WTP</i> budget to the City of Luling
August 1	Mail <i>Cordillera</i> budgets to Cordillera Ranch, LTD
August 1	Mail <i>Johnson Ranch</i> budgets to DH Investment
August 1	Mail <i>Park Village WWTP and 4S Ranch WWTP</i> to Comal County WCID #6
June 15	Review proposed budgets with GBRA Board
August 17	Board scheduled to approve 2023 budgets

Holiday Schedule

In compliance with Board Policy 202.213, the GBRA Board of Directors approve the holiday schedule below in conjunction with the approval of the Work Plan and Budget for Fiscal Year Ending August 31, 2023.

GBRA Holiday Schedule for Fiscal Year 2023		
Holiday	Day of the Week	Date
Labor Day	Monday	September 5, 2022
Thanksgiving	Thursday	November 24, 2022
Thanksgiving	Friday	November 25, 2022
Christmas	Friday	December 23, 2022
Christmas	Seasonal Holiday 1	Flexible holiday to be taken between November 1, 2022 and January 31, 2023
Christmas	Monday	December 26, 2022
New Year's	Monday	January 2, 2023
New Year's	Seasonal Holiday 2	Flexible holiday to be taken between January 1, 2023 and August 31, 2023
Martin Luther King Day	Monday	January 16, 2023
Good Friday	Friday	April 7, 2023
Memorial Day	Monday	May 29, 2023
Independence Day	Tuesday	July 4, 2023
Safety Holiday	Contingent on no lost time accidents in FY 2022	Flexible holiday to be taken between September 1, 2022 and August 31, 2023
Floating Holiday		Flexible holiday to be taken between September 1, 2022 and August 31, 2023

X. FINANCIAL PRACTICES AND STRATEGIES

PURPOSE

The purpose of this Financial Practices and Strategies document is to summarize the business and financial practices that are in place to ensure the prudent stewardship of Guadalupe-Blanco River Authority (GBRA) funds and outline strategies to maintain its long-term financial sustainability. Many financial challenges including budgetary, economic, regulatory, environmental, and legal can be overcome by having well established financial guidelines that are consistently and effectively implemented and executed.

PRACTICES

Accounting & Financial Reporting

Fiscal Year

GBRA's fiscal year begins September 1 and ends August 31 of the following calendar year.

Basis of Accounting

Financial statements are prepared in compliance with Generally Accepted Accounting Principles (GAAP) promulgated by the Governmental Accounting Standards Board. Financial transactions are reported using the economic resources measurement focus and the full accrual basis of accounting, whereby, revenues are recognized when earned and expenses are recorded when a liability is incurred or an economic asset is used, regardless of the timing of related cash flows.

Fund Reporting

GBRA's financial statements are presented in one enterprise fund under the umbrella of governmental accounting proprietary funds. Each of GBRA's operating divisions are accounted for as business activities in which services are provided and supported by charges to customers.

Annual Independent Audit

In compliance with the Texas Water Code, GBRA's financial statements are audited on an annual basis by an independent accounting firm. The audit is conducted in accordance with Government Auditing Standards with the purpose of expressing an opinion as to whether the financial statements present fairly, in all material aspects, the financial position in accordance with GAAP. The audit is filed with the Texas Commission on Environmental Quality, Texas Comptroller of Public Accounts, Texas State Auditor's Office, Texas Pension Review Board, Texas Water Development Board, the ten counties in GBRA's statutory territory, other governmental & regulatory authorities, and credit rating agencies.

Internal Controls

It is the responsibility of financial management staff to develop and implement a system of internal controls that minimizes risks and protects assets, ensures the accuracy of financial records and

reports, promotes operational efficiency, encourages compliance with laws and regulations, and prevents or detects potential errors on a timely basis.

GBRA does not have an internal audit department to evaluate and test the adequacy and effectiveness of internal controls. To compensate, a risk self-assessment will be performed periodically to help identify areas where internal controls can be improved. In addition, during the annual financial audit, the independent auditor will perform tests of internal controls over financial reporting to evaluate whether deficiencies exist that require corrective action.

Budget and Work Plan

Basis of Budgeting

Budgeting differs from accounting and financial reporting. While financial statements are prepared on a full accrual basis of accounting, the basis of budgeting includes projections centered on expected cash flows. Revenue streams are projected based primarily on estimated income from services provided through contracts and services provided based on an approved rate structure. Expenses and other disbursements are projected based on anticipated goods and services necessary from vendors and suppliers.

Budget Timeline

The planning for the annual budgeting process begins approximately six months prior to the start of the fiscal year. An overview of the proposed budget is presented to the Board of Directors in June with final adoption in August prior to the start of the fiscal year. Advanced notices of budgets and rate changes are provided to customers within the timelines denoted in contracts and in compliance with the Texas Water Code.

Budget Preparation

The General Management team will work together with Finance and all operating divisions and departments to develop a budget that meets the needs for the coming fiscal year. Division and department managers are responsible for gathering and developing budget projections to support their ongoing activities and operations. Requests for additional staffing are brought forward for discussion with management to determine the most efficient manner in order to meet GBRA's needs. New operations, divisions and new initiatives should be presented for discussion in advance of budget submission. The budget shall be comprehensive and include all operational and financial aspects, including the following:

Revenues

- Established rate structures for retail, wholesale, pipeline, plant operating, and recreation
- Budget-to-Actual contracts
- Interest earned from investments
- Miscellaneous
- State/Federal grants

GBRA does not receive appropriations from the State of Texas and does not have taxing authority.

Expenses and other disbursements

- Salaries and wages, retirement, & employee benefits
- Operational supplies and services
- Professional services
- Maintenance and repairs
- Capital outlay
- Debt service
- Project transfers

Balanced Budget

Board Policy 409 (Budgets) requires that the sources of funds equal or exceed the use of funds in order to create a structurally balanced budget.

A balanced budget exhibits a level approach to the use of incoming funds, avoids spending that may negatively impact future budget planning cycles, and demonstrates to customers and other stakeholders the fundamental practice of prudent planning and stewardship of resources.

Overcoming Deficit Budgets

While the budget process is designed to project the coming needs of the organization, the projected expenses and other disbursements may initially exceed projected revenues during the budget planning process. In such circumstances, divisions and departments will be asked to reevaluate their budgetary requests. The following areas will require additional scrutiny:

- Reevaluate revenue estimates and rate calculations for potential adjustments
- Evaluate projected capital and equipment purchases for potential deferral to a future period
- Reevaluate new initiatives for criticality
- Evaluate the necessity of budgeted full and part-time positions
- Consider reductions to non-essential activities such as employee travel, training, or other expenses
- Budgeted items fundamental to meeting contractual obligations will be preserved

Should unforeseen financial circumstances arise during the course of the fiscal year, the General Manager, in consultation with Finance and divisions and departments, will evaluate potential courses of action. The following areas may be considered during the evaluation process:

- Evaluate the necessity of vacant positions, consider a temporary hiring freeze where appropriate
- Consider a freeze on merit increases and/or other compensation practices
- Evaluate whether a reduction in work hours is necessary

- Defer purchases deemed non-essential to ongoing operations, including capital and equipment items
- Curtail non-essential employee travel and training

The Board of Directors will be kept apprised of events and circumstances. If necessary, a budget amendment(s) may be brought forward for consideration. Additionally, the Board may consider the use of financial reserves to meet short-term needs. The use of financial reserves should be approached cautiously since they represent a one-time source of funding. Any approved use of financial reserves will be to meet a one-time need or used to cover a short-term deficit.

Budget Management/Oversight

Division and department managers are responsible for providing oversight of their budgets and ensuring that expenses and disbursements are within budgetary estimates. Monthly reports are generated by the Finance Department for use by divisions and departments. These reports provide line item detail of budgeted revenues and disbursements in comparison to actual revenue and disbursements. They also help to identify trends that may deserve additional review and analysis.

In addition, Finance department management monitors budget and financial progress throughout the course of the fiscal year. Discussions and consultation with divisions and departments are conducted on an on-going basis.

Financial reports are prepared and presented to the Board of Directors monthly in order to keep the Board apprised of financial activities. Other budget updates, including mid-year, may also be provided to the Board.

Budget Amendments

From time to time, it may be necessary to make adjustments to the budget for revenues, expenses, disbursements, or rate structures. If deemed necessary, budget amendments will be considered by the Board of Directors as actionable items.

Capital Planning

Some of GBRA's assets have been in operation for some time and are nearing, have reached, or exceeded their useful life. GBRA began developing a comprehensive asset management program in fiscal year 2019. The primary goal of the program is to develop a risk-based model to prioritize necessary capital improvements and better manage assets from an operational and maintenance perspective. The program supports the development of a comprehensive long-term capital improvement plan, identification and planning for funding needs, improvement of field data collection approaches, increases efficiency in generating reports on operations, and develops a dashboard for quicker access to information through the installation of a computer maintenance management system. Coupled with the asset management program is a geographic information system (GIS) that captures and stores geospatial information to assist in planning and operating efforts of operational facilities and infrastructure throughout the river basin.

The first phase of the program was put into operation in 2021. Upon full implementation, it will be used to develop a five-year capital improvement plan, which will coincide with the budget planning process. Budgets will incorporate the necessary components of the asset management plan in order to maintain the proper functionality and operation of infrastructure and equipment as well as ensure that assets are identified for replacement as their useful lives are exhausted. Where appropriate, rate structures will be adjusted gradually to prepare for large projects and related expenses in order to smooth the increase over a number of years for ratepayers.

Debt Administration

Debt financing is a tool used to obtain bond proceeds for planning, designing, acquiring, constructing, and equipping facilities, infrastructure, pipelines, and equipment. Debt financing may include general improvement bonds, contract revenue bonds, lease/purchase agreements, bank placements, or other obligations permitted under Texas statute. Bonds may only be used for the purchase or construction of capital assets and cannot be used to fund current or ongoing operating expenses or disbursements. The issuance and management of debt is an integral part of the utility business given the scale of necessary infrastructure and facilities that must be constructed and maintained in order to provide services.

Structuring

GBRA will generally issue bonds over a thirty-year maturity period. Certain projects may have a shorter or longer debt maturity schedule. In no case will debt be issued beyond the useful life of the asset. Debt structures will balance the timing of the repayment schedule with affordability of rates for customers ensuring that pledged revenues are sufficient to achieve the best overall financing outcome. Capitalized or deferred interest may be included in a project financing in order to begin construction of the project, but align the repayment of debt with the start of delivery of services.

GBRA's standard for debt issuances is on a fixed rate basis. However, variable rate debt may be considered when deemed appropriate but will consist of no more than 25% of the total principal outstanding in order to limit exposure to changing interest rate environments. If used, variable rate debt will periodically be evaluated for conversion to fixed rate debt.

Debt Service Coverage Factor

A debt service coverage factor is a component of the debt service charge to customers in which contract revenue bonds have been issued. The requirement for the coverage factor is delineated in the Bond Resolution.

Generally, GBRA applies a 10% debt service coverage factor on contract revenue bonds. The debt coverage factor provides support for the administration of debt and acceptance of the risk associated with issuing debt in the name of GBRA. Customers involved in financially supporting contract revenue bonds are billed on a monthly basis or other terms outlined in resolutions or customer contracts. The billing includes both the debt service requirement (principal and interest) and the debt service coverage factor.

Bond Pricing

GBRA may utilize a competitive or negotiated process for pricing and selling bonds or a private placement arrangement. A competitive bidding process is used to sell bonds when the transaction is smaller in size with limited complexity and competition is expected to generate the lowest overall interest cost. Bonds are advertised for sale via a notice of sale that outlines the terms of the sale and the bond issue. Upon receipt of bids, an awarded bidder is offered the bonds based on the total interest cost. A negotiated pricing is generally used to sell bonds that either have a larger issuance size or include complexity requiring more discussion and negotiation. Bond investors are less likely to make a purchase offer without a firm understanding of the transaction. In addition, other advantages of a negotiated sale include financing terms that require additional explanation, bonds offered when the entity is rarely in the market, or during a volatile market that includes broad swings in interest rates. With a negotiated bond sale, GBRA will evaluate potential underwriters and select an underwriting syndicate believed to best serve GBRA based on the underwriter's experience with similar transactions, their knowledge of GBRA, and their past performance. GBRA's financial advisor will be an integral part of the structuring of the transaction and selection of underwriters.

When eligible, projects may be funded through the Texas Water Development Board through their myriad of funding programs that generally provide for interest savings in comparison to the open bond market. Determinations of eligibility shall be discussed in advance of each project.

Bond Ratings

In advance of a bond offering in the open market, GBRA will seek at least one bond credit rating from a nationally recognized bond rating agency such as Standard & Poor's, Moody's, or Fitch credit rating agencies.

Refunding

Through collaboration with GBRA's financial advisor, the municipal bond market will be monitored on a periodic basis to identify opportunities for interest savings through refunding of existing debt. As a general rule, in order for a refunding opportunity to be considered, the net present value savings should represent at least 3% of the refunded maturities. Exceptions may include when a debt restructuring is necessary, bond covenant revisions are necessary, or the refunding is combined with a new issuance of debt.

Continuing Disclosure

GBRA will comply with all covenants stated in bond ordinances and will timely file its annual disclosure information or periodic material event notices if required.

Reimbursement

In many cases it is prudent to begin planning and designing a project prior to receiving bond proceeds that would fund the project. In those cases, other funds available to GBRA, primarily its financial reserves, will be used to begin expending funds on the project. A Reimbursement Resolution will be prepared, requiring Board of Director approval, to preserve GBRA's ability to reimburse itself from bond proceeds for funds expended and declare official intent to do so, in compliance with Internal Revenue Service (IRS) regulations.

Arbitrage Monitoring

Arbitrage is an IRS term that represents the amount of interest earned on bond proceeds that is greater than the interest paid on the bond issue. IRS regulations require that excess interest earnings be rebated to the United States Treasury. Periodic calculations will be performed by an external firm to compute the arbitrage position and identify any potential liability from excess earnings. When necessary, reports will be timely filed along with any arbitrage rebate payments.

Risk Management

Similar to all organizations, GBRA is subject to claims for damages from injured parties. To mitigate and manage potential risks, insurance coverage is maintained to cover liability claims and other potential losses. At a minimum, coverage for the following areas will be maintained: property & casualty, automobile liability & physical damage, employee worker's compensation, errors & omissions, general liability, flood, and other coverages required by contract. Deductible levels for all lines of coverage will periodically be reevaluated for optimization. Adjustments may be made where financially practicable based on the history of claims and best practices.

Ethics & Integrity

GBRA Directors and employees are expected to conduct themselves and perform their responsibilities with the highest level of ethics and integrity. Board Policy 301 (Ethics) outlines expected actions that seek to demonstrate trust among customers and the public. Additionally, Directors and employees should conduct themselves in order to avoid, even the perception of, a conflict of interest in carrying out their responsibilities.

Cybersecurity

GBRA's Information Technology department has established documented security policies that outline the practices and procedures implemented to manage information systems and protect against both internal and external data intrusions. Various administrative and technical controls are in place to ensure that best practices are present in order to protect the organization, its assets and data from cybercrimes.

In addition, insurance coverage is maintained for information security and privacy that provides professional and financial assistance in the event of a breach or business interruption.

STRATEGIES

Treasury & Investment Management

Board Policy 403 (Investment Policy) outlines the primary investment objectives of safety of principal, liquidity sufficient to meet obligations, and generation of a competitive rate of return, which is consistent with the Texas Public Funds Investment Act.

The overall investment strategy is to meet the objectives of the Policy while generating the highest possible yield to provide additional funds to support GBRA's far reaching activities. This will be accomplished by regularly reviewing the cash and investment position to ensure immediate funds are available to meet obligations presented for payment and to maximize the level of funds available for investment in the short and longer term. Investment officers designated by the Board of Directors will carry out treasury and investment activities.

Diversification is an important component of any investment portfolio. While the Investment Policy allows for the purchase of other eligible investments, typical investments include United States Treasury bills or notes, government agency securities, public fund investment pools, money market mutual funds, money market demand accounts, and certificates of deposit. Interest rate risk, credit risk, and concentration of credit risk are all factors considered before an investment decision is made. Purchased securities are typically held-to-maturity.

Proceeds from tax-exempt bond obligations are subject to provisions of the Internal Revenue Service's arbitrage regulations which restrict the yield that can be generated. However, due to the cyclical nature of investment markets, it will be the practice of GBRA to continue the pursuit of maximizing yield on available bond proceeds, in similar fashion as other available funds, without regard to arbitrage implications.

Financial Reserves

The level of financial reserves maintained by an organization is an important component of both short and long-term financial management. In addition, sound financial reserves provide the following benefits:

- Provides a cushion with which to cover potential negative cash flows due to the timing of receipt of customer payments, grants, and reimbursements from emergency or other agencies
- Prepares for unforeseen circumstances, emergencies, or weather events
- Ensures that funds are available in the event of insurance claims in excess of coverage or uninsurable claims
- Demonstrates prudent financial planning and promotes fiscal sustainability
- Exhibits to stakeholders, including credit rating agencies, that sufficient resources are available to meet short and long term obligations
- Creates a positive financial position for anticipated growth
- Provides funds that can be used to begin new projects prior to the receipt of bond proceeds
- Positions the organization to take advantage of opportunities that provide an economic benefit to customers

Every organization takes a different approach to the level of financial reserves that are necessary based on their unique circumstances and level of risk tolerance. A whitepaper published in 2018 by the American Water Works Association (AWWA), entitled Cash Reserve Policy Guidelines,

outlines specific guidelines from three organizations. The Water Environment Federation suggests a reserve level between one to three months of operating costs. The International City/County Management Association recommends one to two months of expenses, while the Government Finance Officers Association's (GFOA) recommendation is no less than 45 days of expenses. The GFOA has since updated their recommendation to two month's operating expenses.

As noted above, during a bond sale on the open market, a credit rating must be obtained from a bond rating agency in order to market the bonds. Standard & Poor's (S & P) published their U.S. Public Finance Waterworks, Sanitary Sewer, and Drainage Utility Systems: Methodology and Assumptions in 2016. The document outlines S & P's updated methodologies for analyzing credits through profiles for enterprise and financial risk. One of the components of financial risk is a rubric for measuring the sufficiency of a company's liquidity and reserve levels. The rubric provides for the highest score for companies that have more than 150 days of cash available and actual cash reserve levels greater than \$75 million. The second tier calls for between 90 to 150 days of cash on hand with cash reserves between \$20 and \$75 million. The table continues downward with an additional four tiers. The liquidity assessment is intended to measure the organization's working capital levels and ability to meet immediate needs on an ongoing basis.

GBRA adopted its first financial reserves goal in 2002 which provided for a conservative approach to its financial reserve level, mainly due to anticipated water development projects that would require a level of funding from reserves. At that time, the reserve goal was set at 42% of gross revenue, or approximately five months operating reserve. In 2002, budgeted revenues were \$22.5 million requiring a financial reserve level of \$9.5 million. Whereas, twenty years later in FY 22, budgeted revenues are \$71.5 million, which creates a much larger financial reserve requirement using the 2002 reserve goal.

With the passage of time, it is necessary to reevaluate the adopted level of financial reserves. As part of this Financial Practices and Strategies document, the level of financial reserves will be set as outlined below.

Establishment of Reserve Level

GBRA's targeted reserve level will be to maintain a minimum of 90 days, or twenty-five percent (25%), of total budgeted operating and maintenance expenses. For the purpose of measuring the reserve level, budgeted expenses do not include disbursements for principal and interest on debt service nor does it include transfers to project or reserve funds.

This level of reserves is consistent with published guidance from financial organizations, credit rating agency methodologies, and entities similar to GBRA that provide utility services.

Reserve levels for specific divisions may be adopted independent of this Strategies document.

Use of Reserves

Financial reserves may be allowed to drop below established levels for certain events, some examples of which are outlined below.

- One time use in order to balance the annual budget and work plan
- Short term use during the course of the year where economic conditions or the timing of cash flows disrupt one or more significant revenue streams
- Unique situation in order to defer an increase in rates
- In response to a catastrophic weather or other unanticipated event
- Use of funds for start-up of projects in which a reimbursement resolution has been adopted by the Board of Directors
- Early extinguishment of debt in order to take advantage of economic opportunities

Each of these situations and others that draw upon any level of financial reserves will require consultation and authorization from the GBRA Board of Directors. Management does not have authority to access financial reserves without Board authorization.

Replenishment of Reserves

At the time that authorization for use of reserves is requested from the Board of Directors, a projected timeline will be presented for the Board's consideration, if replenishment is necessary. It will be GBRA's goal to return the financial reserves back to the target level within a manageable timeframe that does not present an undue burden on either customers or the services provided. The Board of Directors will be updated timely if the previously established timeline is negatively affected.

Sources for replenishment may come from non-recurring revenues, surpluses at the end of the fiscal year, adjustments to customer rates, adoption of budgetary surpluses whereby revenues exceed expenses and disbursements, collection of outstanding balances, debt service coverage factor revenues, or other identified sources.

GOVERNANCE

Board of Directors

The Board of Directors provides an essential role in providing governance and direction to the management of GBRA. The powers, rights and privileges of the Board are outlined in GBRA's Enabling Act, first adopted by the Texas Legislature in 1933. GBRA's adopted Bylaws and Policies further delineate the Board's responsibilities, chief among them include compliance with rules, regulations & statutes, conducting business at regular or special meetings open & accessible to the public, adopting an annual budget and work plan, and hiring a General Manager/CEO to oversee the day-to-day operations.

Audit Committee

In compliance with the Texas Water Code, Board Policies 106 (Board of Directors Committees) and 410 (Audits), an Audit Committee has been established to review and make recommendations on fiscal matters, select and evaluate independent auditors, review financial and management reports, review audit reports, and consult with independent auditors.

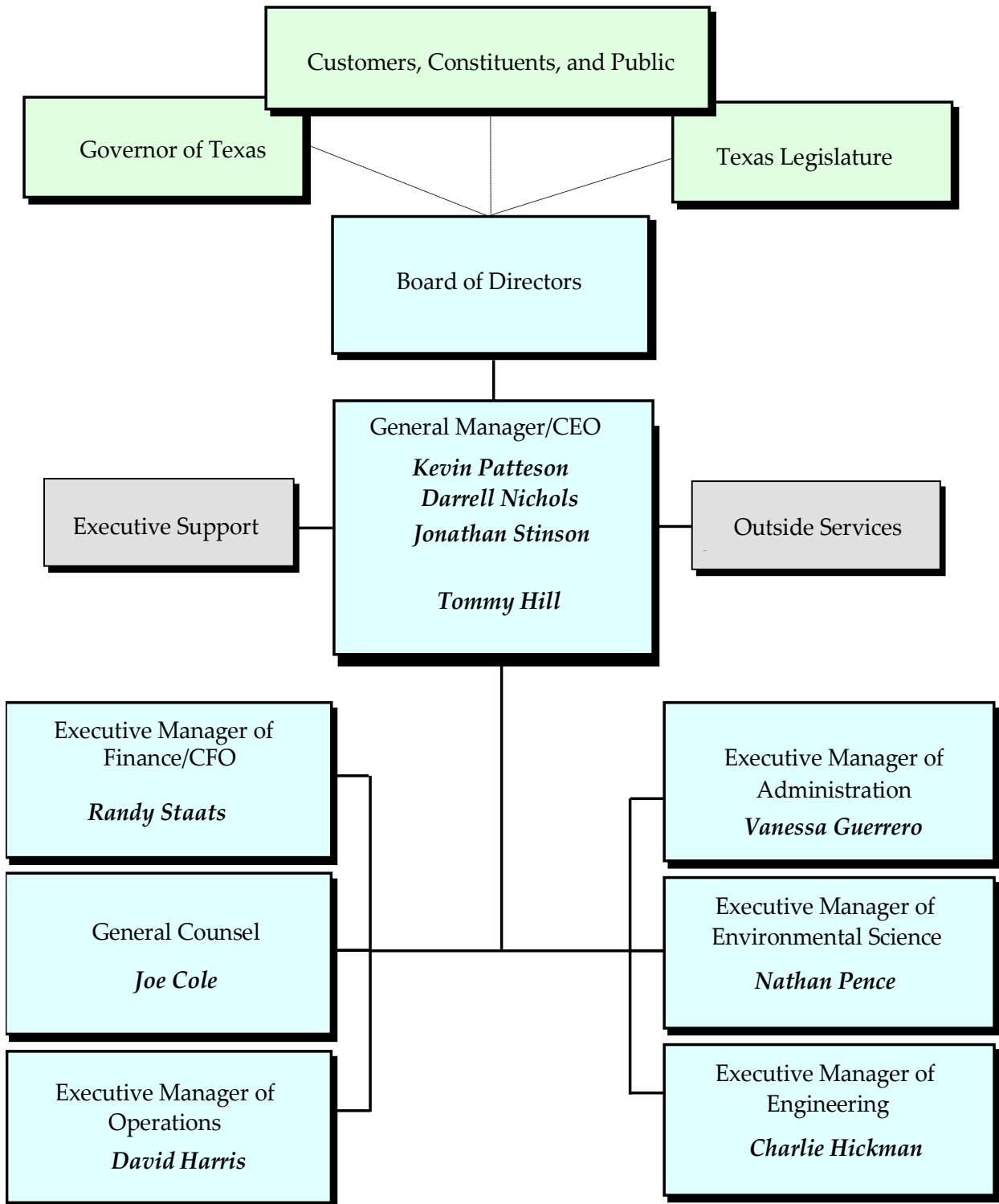
The Committee performs an important responsibility in providing oversight and governance of financial practices on behalf of the Board of Directors.

Changes

Any changes to the practices and strategies outlined in this document requires consultation and approval by the Board of Directors.

ADOPTED BY THE BOARD OF DIRECTORS OF THE GUADALUPE-BLANCO RIVER AUTHORITY AT A REGULAR MEETING HELD ON THE 17th DAY OF NOVEMBER, 2021.

GBRA Organizational Chart



GBRA Board of Directors



Dennis L. Patillo
Chair
VICTORIA COUNTY
Reappointed: 2016, Gov. Greg Abbott



Don B. Meador
Vice Chair
HAYS COUNTY
Appointed: 2013, Gov. Rick Perry



William R. Carbonara
Secretary/Treasurer
DEWITT COUNTY
Appointed: 2013, Gov. Rick Perry



Oscar H. Fogle
Director
53>6I 7>> COUNTY
DMSba[- fW, S" #19ahz9dW3Taff



Kenneth Motl, DMV
Director
CALHOUN COUNTY
Reappointed: 2018, Gov. Greg Abbott



Emanuel Valdez
Director
COMAL COUNTY
Appointed: 2021, Gov. Greg Abbott



Steve Ehrig
Director
9A@L3>7ECOUNTY
3ppointed: 2018, Gov. Greg Abbott



Sheila L. Old
Director
GUADALUPE COUNTY
Appointed: 2021, Gov. Greg Abbott



Andra Wisian
Director
KENDALL COUNTY
Reappointed: 2021, Gov. Greg Abbott

GBRA is governed by nine directors, appointed by the Governor of the State of Texas and confirmed by the Senate. The 10 counties in GBRA's statutory district are represented on a rotating basis. Each director serves a six-year term with three directors appointed or re-appointed every two years.

Organizational Leaders

GBRA is much more than a collection of buildings, divisions, plants and equipment. While these facilities are vital, our Directors and Employees – with their talents, specialized skills, hard-earned licenses, certificates and willingness to serve – are the difference-makers, performing their jobs with pride and dedication. The tables below identify GBRA’s current leadership.

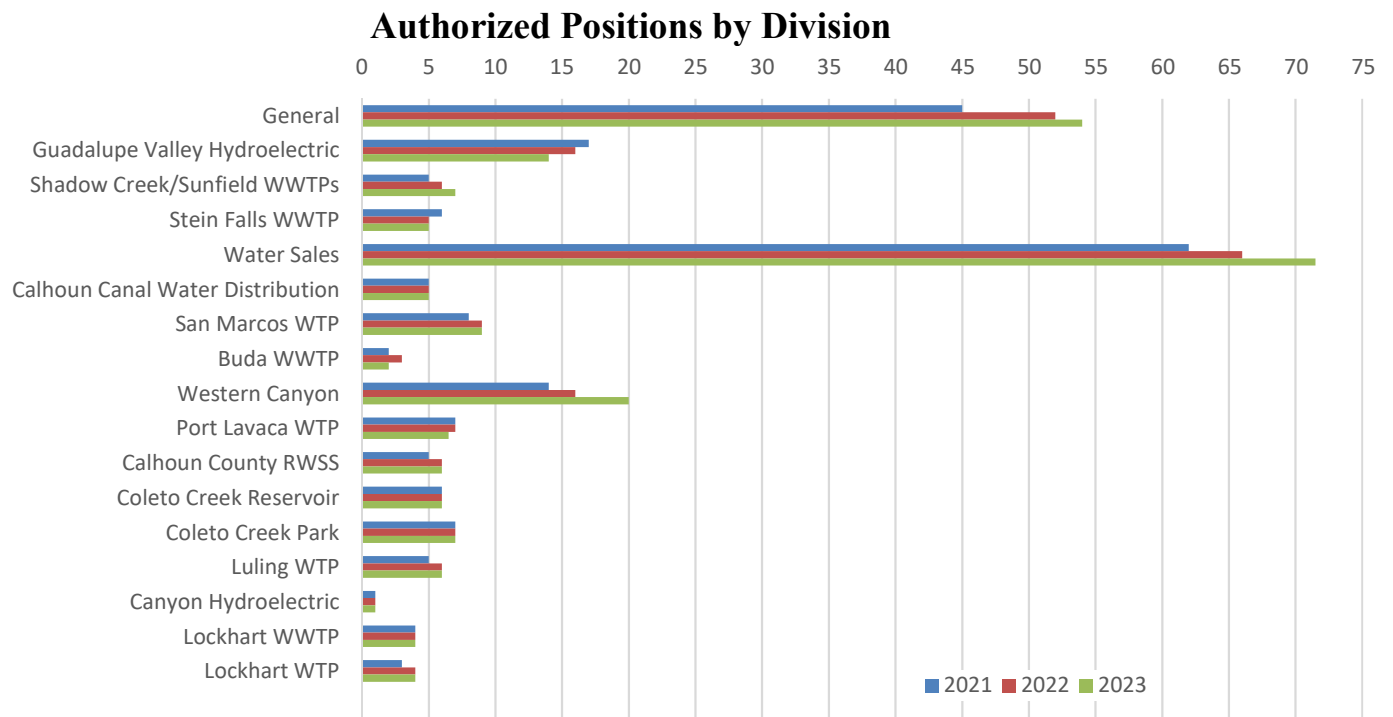
Board of Directors

NAME	POSITION	ORIGINAL APPOINTMENT	TERM EXPIRES	COUNTY REPRESENTING
Dennis L. Patillo	Chair	4/05/11	2/1/27	Victoria
Don B. Meador	Vice Chair	5/14/13	2/1/25	Hays
William R. Carbonara	Sec/Treasurer	5/14/13	2/1/25	Dewitt
Emanuel Valdez	Director	8/06/21	2/1/23	Comal
Oscar H. Fogle	Director	3/24/08	2/1/23	Caldwell
Kenneth A. Motl, DVM	Director	1/04/13	2/1/23	Calhoun
Stephen B. “Steve” Ehrig	Director	6/21/18	2/1/25	Gonzales
Sheila L. Old	Director	3/17/21	2/1/27	Guadalupe
Andra Wisian	Director	3/17/21	2/1/27	Kendall

Executive Team

NAME	POSITION
Kevin Patteson	General Manager/CEO
Darrell Nichols	Senior Deputy General Manager
Jonathan Stinson	Deputy General Manager
Tommy Hill	Senior Advisor to the General Manager
Joe Cole	General Counsel
Vanessa Guerrero	Executive Manager of Administration
Charlie Hickman	Executive Manager of Engineering
Nathan Pence	Executive Manager of Environmental Science
Randy Staats	Executive Manager of Finance/CFO
David Harris	Executive Manager of Operations

Staffing Summary



Staffing Summary

Division	# of Authorized Positions (FTE)			Increase/ (Decrease)
	2021	2022	2023	
General	45	52	54	2
Guadalupe Valley Hydroelectric	17	16	14	-2
Shadow Creek/Sunfield WWTPs	5	6	7	1
Stein Falls WWTP	6	5	5	0
Water Sales	62	66	71.5	5.5
Calhoun Canal Water Distribution	5	5	5	0
San Marcos WTP	8	9	9	0
Buda WWTP	2	3	2	-1
Western Canyon	14	16	20	4
Port Lavaca WTP	7	7	6.5	-0.5
Calhoun County RWSS	5	6	6	0
Coletto Creek Reservoir	6	6	6	0
Coletto Creek Park	7	7	7	0
Luling WTP	5	6	6	0
Canyon Hydroelectric	1	1	1	0
Lockhart WWTP	4	4	4	0
Lockhart WTP	3	4	4	0
Total	202	219	228	9

Authorized Spending Levels

Over \$25,000	
General Manager/CEO	General Counsel
Deputy General Managers	Executive Managers
Senior Advisor to the General Manager	

Up to \$25,000	
Assistant General Counsel	Deputy Executive Manager of Finance
Controller	Deputy Executive Manager of Operations
Deputy Executive Manager of Engineering	Senior Engineering Director
Deputy Executive Manager of Environmental Science	

Up to \$15,000	
Communication Manager	Lead Lab Administrator & Analyst
Construction Director	Plant Managers
Director of Regulatory & Customer Affairs	Purchasing Manager
Division Managers	Safety & Risk Manager
Gorge Supervisor	Treatment Design Director
Hays Wastewater Manager	Water Quality Program Supervisor
Human Resources Director	Western Canyon/RUD Wastewater Manager
IT Manager	

Up to \$5,000	
Accounting Services Supervisor	Executive Assistants
Aquatic Biologist	GIS Administrator
Chief Inspector	Maintenance Supervisors
Chief Operators	Network Administrator
Chief Rangers	Paralegal
Chief Water Tenders	Project & Community Representative
Database Administrator	Project Engineers
Electrical/Instrumentation Tech Supervisor	SCADA Administrators & Analysts
Environmental Education Administrator	System Administrator

(*) = Manager is empowered to temporarily delegate the approval of budgeted purchases up to \$1,000 and non-budgeted purchases up to \$500 in his absence. The temporary delegation will be documented in the form of an email and provided to Finance.

Staffing and Compensation Tables

POSITION	SYSTEM	PAY GRADE
EXECUTIVE AND ADMINISTRATIVE STAFF		
General Manager/CEO	010	Executive
Senior Deputy General Manager	010	Executive
Deputy General Manager	010	Executive
Senior Advisor to the General Manager	010	Executive
Executive Manager of Administration	010	Executive
Executive Manager of Finance/CFO	010	Executive
General Counsel	010	Executive
Deputy Executive Manager of Finance	010	20
Assistant General Counsel	010	19
Assistant General Counsel	010	19
Controller	010	19
Communication Manager	010	18
Director of Regulatory & Customer Affairs	010	18
IT Manager	010	18
Safety & Risk Manager	010	18
Purchasing Manager	010	17
Accounting Services Supervisor	010	16
Database Administrator	010	16
Environmental Education Administrator	010	16
GIS Administrator	010	16
Network Administrator	010	16
Project & Community Representative	010	16
SCADA Administrator	010	16
SCADA Analyst	010	16
SCADA Technician	010	16
SCADA Technician	010	16
System Administrator	010	16
Accountant	010	15
Executive Assistant to the General Manager	010	15
Paralegal	010	15
Records Manager	010	15
Accountant	010	14
Accountant	010	14
Community Affairs Coordinator	010	14
GIS Technician	010	14
Media Specialist	010	14
Accounting Specialist II	010	13
Buyer	010	13
Communications Specialist	010	13
Customer Service Assistant II	010	13
Environmental Education Specialist	010	13
Help Desk Tech	010	13
Human Resources Specialist	010	13



POSITION	SYSTEM	PAY GRADE
EXECUTIVE AND ADMINISTRATIVE STAFF		
Utility Billing/Customer Service Specialist	010	13
Accounting Specialist I	010	12
Office Coordinator	010	12
Records Specialist	010	12
Brand/Communications Mgr	010	10
Human Resources Manager	010	10
Special Projects Manager	010	10
Special Projects Manager (P/T)	010	10
Accounting Specialist	010	
Education Coordinator II	010	
IT Operations/Project Mgr	010	
PROJECT ENGINEERING &		
Executive Manager of Engineering	041	Executive
Deputy Executive Manager of Engineering	041	20
Senior Engineering Director	041	19
Construction Director	041	18
Senior Engineer	041	18
Treatment Design Director	041	18
Chief Inspector	041	16
Project Engineer	041	16
Project Engineer	041	16
Project Engineer	041	16
Project Engineer	041	16
Construction Analyst	041	15
Electrical/Instrumentation Control Analyst	041	15
Electrical/Instrumentation Control Analyst	041	15
Hydrologist/Technician (P/T)	041	15
Project Engineer	041	15
Construction Inspector	041	14
Construction Inspector	041	14
Construction Inspector	041	14
Construction Inspector	041	14
Construction Inspector	041	14
Engineering Assistant	041	13
RESOURCE POLICY & STEWARDSHIP		
Executive Manager of Environmental Science	041	Executive
Deputy Executive Manager of Environmental	041	20
Aquatic Biologist	041	16
Senior Environmental Services Administrative	041	15
Water Quality Program Supervisor	041	15
Habitat Conservation Plan Coordinator	041	14
Water Quality Technician	041	12
Water Quality Technician I	041	12



POSITION	SYSTEM	PAY GRADE
RESOURCE POLICY & STEWARDSHIP		
Gorge Supervisor	041	15
Gorge, Maintenance Technician	041	13
Gorge, Administrative Assistant	041	12
Gorge, Park Ranger	041	12
Gorge, Program Assistant	041	12
Gorge, Program Assistant	041	12
Gorge, Program Assistant	041	12
Gorge, Program Assistant	041	12
Gorge, Program Assistant, Lead	041	11
Laboratory Administrator, Lead	041	16
Laboratory Analyst, Lead	041	15
Customer Project Manager I	041	13
Laboratory Technician	041	12
Laboratory Technician I	041	12
Laboratory Technician I	041	12
Laboratory Technician III	041	12
Laboratory Technician III	041	12
Sample Custodian/Lab Tech I	041	11
Gorge Assistant Manager	041	15
POSITION	SYSTEM	PAY GRADE
OPERATIONS		
Executive Manager of Operations	041	Executive
Deputy Executive Manager of Operations	041	20
Division Manager – Calhoun/Refugio Operations	041	17
Division Manager – Hays/Caldwell Operations	041	17
Division Manager – Hydroelectric Operations	041	17
Division Manager – Western Canyon Operations	041	17
Asset Manager	041	15
Utility Accounts Assistant	041	13
Maintenance Supervisor II	021	15
Heavy Equipment Operator	021	14
Maintenance Crew Leader	021	14
Purchasing & Inventory Coordinator	021	14
Control Room Operator	021	13
Control Room Operator	021	13
Control Room Operator	021	13
Control Room Operator	021	13
Maintenance Crew	021	13
Maintenance Crew	021	13
Maintenance Crew II	021	13
Maintenance Crew II	021	13
Maintenance Crew II	021	13



POSITION	SYSTEM	PAY GRADE
OPERATIONS (Continued)		
Maintenance Crew II	021	12
Hays Wastewater Manager	030	15
Operator IV	030	14
Operator III	030	14
Operator III	030	13
Chief Operator	033	16
Operator IV	033	14
Operator III	033	13
Operator II	033	13
Operator II	033	13
Operator II	037	13
Operator II	037	12
Operator II	037	12
Electrical/Instrumentation Technician Supervisor	041	16
Electrical/Instrumentation Technician	041	15
Electrical/Instrumentation Technician	041	14
Electrical/Instrumentation Technician	041	14
Electrical/Instrumentation Technician	041	14
Facilities Technician	041	13
Collection System/Pipeline Supervisor	041	15
Collection System/Pipeline Maintenance Crew	041	13
Collection System/Pipeline Maintenance Crew	041	12
Collection System/Pipeline Maintenance Crew	041	12
Collection System/Pipeline Maintenance Crew	041	13
Collection System/Pipeline Maintenance Crew	041	12
Maintenance Technician	041	12
Maintenance Technician	041	12
Park Ranger	041	12
Chief Water Tender	043	15
Heavy Equipment Operator	043	12
Maintenance Chief	043	12
Water Tender	043	12
Water Tender	043	12
Plant Manager	044	17
Chief Operator	044	15
Operator III	044	14
Operator III	044	14
Operator II	044	13
Operator III	044	13
Operator III	044	13
Maintenance Tech/Operator I	044	12
Operator II	044	12



POSITION	SYSTEM	PAY GRADE
OPERATIONS (Continued)		
Operator IV	045	14
Operator III	045	14
Chief Operator	050	16
Chief Operator	050	15
Western Canyon/RUD Wastewater Manager	050	15
Lead Operator	050	14
Operator IV	050	14
Operator III	050	14
Operator III	050	14
Distribution/Plant Operator III	050	13
Electrical/Instrumentation Technician	050	13
Operator III	050	13
Operator II	050	13
Operator II	050	13
Operator I	050	12
Operator	050	12
Operator	050	12
Operator I	050	12
Operator II	050	12
Operator-Floating	050	12
Pipe/Collections Operator	050	12
Pipe/Collections Operator	050	12
Chief Operator	060	15
Maintenance Chief	060	14
Operator II	060	13
Operator II	060	13
Operator II	060	12
Operator II	060	12
Secretary (P/T)	060	12
Chief Operator	070	15
Customer Service Assistant II	070	13
Maintenance Operator III	070	13
Maintenance Operator II	070	13
Maintenance Operator II	070	13
Maintenance Operator II	070	13
Reservoir Manager-Coleta Division	091	17
Electrical/Instrumentation Technician	091	13
Administrative Assistant Senior	091	12
Maintenance Crew	091	13
Maintenance Crew	091	12
Maintenance Crew	091	12



POSITION	SYSTEM	PAY GRADE
OPERATIONS (Continued)		
Chief Ranger	092	15
Reservoir Ranger II	092	13
Administrative Assistant I	092	12
Reservoir Ranger I	092	12
Reservoir Ranger I	092	12
Reservoir Ranger I	092	12
Reservoir Ranger I	092	12
Chief Operator	100	15
Operator IV	100	14
Operator IV	100	14
Operator IV	100	14
Operator II	100	13
Maintenance Tech/Oper I	100	11
Maintenance Crew II	120	13
Chief Operator	130	15
Operator III	130	13
Operator II	130	12
Operator II	130	12
Operator III	131	14
Operator III	131	13
Operator II	131	13
Maintenance Tech/Oper I	131	12

Wage Compensation Structure

Grade	Minimum	Midpoint	Maximum	Grade
9	\$ 22,174	\$ 29,565	\$ 36,957	9
10	\$ 25,500	\$ 34,000	\$ 42,500	10
11	\$ 29,325	\$ 39,100	\$ 48,875	11
12	\$ 33,724	\$ 44,965	\$ 56,206	12
13	\$ 38,782	\$ 51,710	\$ 64,637	13
14	\$ 44,600	\$ 59,466	\$ 74,333	14
15	\$ 51,290	\$ 68,386	\$ 85,483	15
16	\$ 58,983	\$ 78,644	\$ 98,305	16
17	\$ 67,831	\$ 90,441	\$ 113,051	17
18	\$ 78,005	\$ 104,007	\$ 130,008	18
19	\$ 89,706	\$ 119,608	\$ 149,510	19
20	\$ 103,162	\$ 137,549	\$ 171,936	20
21	\$ 118,636	\$ 158,181	\$ 197,727	21
22	\$ 136,431	\$ 181,909	\$ 227,386	22
23	\$ 156,896	\$ 209,195	\$ 261,493	23



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Financial Summary

Background

The Guadalupe-Blanco River Authority (GBRA) is a political subdivision of the State of Texas, created by the Texas Legislature in 1933 by Article 8280-106 Vernon's Texas Civil Statutes. GBRA is a separate self-supporting governmental unit serving a ten county area and is administered by a nine-member board of directors who are appointed by the Governor of the State of Texas. The State of Texas does not have any financial accountability for GBRA; therefore, GBRA is not a part of the State's reporting entity. GBRA cannot levy or collect taxes, or in any way pledge the general credit of the State of Texas; therefore, no legal debt limit exists for GBRA.

GBRA's accounting system does not include any governmental fund types, but rather consists solely of one enterprise fund with ten operating divisions. Enterprise funds are used to account for operations that are financed and operated in a manner similar to a private business. Since GBRA's operations are managed to be self-supporting through customer charges, the utilization of enterprise funds is appropriate. This type of fund also provides information related to revenues earned, costs incurred, and services provided, all of which form the basis for customer rates and fees. Also included within the enterprise funds for each of GBRA's operating divisions is an Administrative and General (A&G) charge. This A&G represents the recognition and recovery of administrative costs incurred by the General Division on behalf of GBRA's operating divisions. All of these divisions are described in more detail in the following sections of this consolidated Work Plan and Budget.

Types of Operating Systems

Several GBRA operating divisions are segregated into systems to facilitate cost accounting, internal control, and rate setting. Each system has one of two types of budgets, either "Budget-to-Actual" or "Units of Service". Budget-to-Actual systems provide services based on a budget approved by the customer and GBRA. During the course of the year, the customer is billed based on the annual budget with those billings adjusted to the total actual cost of service at each fiscal year end. Unit-of Service budgets in other GBRA operations include an annual rate adoption by the GBRA Board where the customer pays for some type of service based on a unit of measure at the applicable rate. The revenue derived from these customers pays the operating and maintenance, debt service, and capital costs of the system. In these systems, revenue is completely dependent upon the number of units sold and no customer year-end adjustment is available. The following table distinguishes the systems according to the type of operations in which they operate:

Budget-to-Actual Operations:	Principal Customers	County
4S Ranch Wastewater Treatment Plant	Comal County WCID #6	Comal
Park Village Wastewater Treatment Plant	Comal County WCID #6	Comal
Singing Hills Wastewater Treatment Plant	City of Bulverde	Comal
Buda Wastewater Treatment Plant	City of Buda	Hays
Boerne ISD Voss Middle School Wastewater Treatment	Boerne ISD	Kendall
Port Lavaca Water Treatment Plant	City of Port Lavaca	Calhoun
Coleto Creek Reservoir	Coleto Creek Power, LP	Victoria/Goliad
Luling Water Treatment Plant	Cities of Luling & Lockhart	Caldwell
Canyon Hydroelectric Plant	New Braunfels Utilities (NBU)	Comal
Lockhart Wastewater Reclamation System	City of Lockhart	Caldwell
Lockhart Water Treatment Plant	City of Lockhart	Caldwell

Unit of Service Operations:	Principal Customers	County
General Division	GBRA Systems	Guadalupe
Guadalupe Valley Hydroelectric Division	Guadalupe Valley Electric Coop., Lake WCIDs	Guadalupe/Gonzales
Shadow Creek Wastewater Treatment Plant	Residential Customers	Hays
Canyon Park Wastewater Reclamation System	Residential Customers	Comal
Stein Falls Wastewater Reclamation System	Residential Customers	Guadalupe
Dietz Wastewater System	Residential Customers	Guadalupe
Sunfield Wastewater Treatment Plant	Residential Customers	Hays
Water Sales System	Communities, industries, farmers	Entire River Basin
Laboratory System	Residential, Industrial, City Customers	Entire River Basin
Calhoun Canal System	Port Lavaca Plant, farmers, industries	Calhoun
San Marcos Water Treatment Plant	City of San Marcos	Hays
Carrizo Groundwater System	NBU, City of Lockhart, Goforth SUD	Comal/Hays
Western Canyon Division	Boerne, Bulverde, Fair Oaks, Cordillera	Comal/Kendall
Cordillera Water Treatment Plant	Residential and Commercial Customers	Kendall
Cordillera Wastewater Treatment Plant	Residential and Commercial Customers	Kendall
Comal Trace Water Distribution System	Residential Customers	Comal
Johnson Ranch Water Distribution System	Residential Customers, Public School	Comal
Johnson Ranch Wastewater Treatment Plant	Residential Customers, Public School	Comal
Calhoun County Rural Water System	Residential and Commercial Customers	Calhoun
Coleto Creek Recreation	Recreational Customers	Victoria/Goliad

The operating divisions of GBRA provide a multitude of services to individuals, cities, rural water corporations, water authorities, investor-owned utilities, electric cooperatives, and industries. These services include hydroelectric generation, water treatment, wastewater collection and treatment, laboratory analysis, recreation opportunities, treated water delivery and raw water delivery. It is through the provision of these services that GBRA earns the necessary revenue to continue operations and thus serve constituents.

The table and graph on the following page give an overview of GBRA's financial outlook for the budget year.



Financial Summary

Division	Guadalupe-Blanco River Authority				
	OPERATING		DEBT SERVICE		Change in Fund Balance
	Revenue	Expenses	Revenue	Expenses	
General	5,076,007	5,769,782	700,000	0	6,225
GV Hydro	125,000	1,884,257	0	0	(1,759,257)
Lake Dunlap	0	0	1,453,649	1,453,649	0
Lake McQueeney	0	0	523,050	523,050	0
Lake Placid	0	0	1,350,735	1,350,735	0
Hydroelectric	125,000	1,884,257	3,327,434	3,327,434	(1,759,257)
RUD-Shadow Creek	1,256,784	928,773	0	0	328,011
RUD-Canyon Pk	497,528	508,626	0	0	(11,098)
RUD-Stein Falls	4,124,400	2,028,195	0	1,733,689	362,516
RUD-Sunfield	2,272,314	1,151,210	0	0	1,121,104
RUD-Dietz	46,451	114,707	0	260,600	(328,856)
RUD	8,197,477	4,731,511	0	1,994,289	1,471,677
WR-Water Sales	26,509,309	24,276,423	3,880,535	6,091,056	22,365
WR-Canal	1,538,705	1,559,646	0	0	(20,941)
WR-San Marcos	2,804,181	2,804,181	0	0	0
WR-Buda	1,153,311	1,153,311	0	0	0
WR-Carrizo	1,230,000	1,340,116	2,772,920	2,520,836	141,968
Water Resources	33,235,506	31,133,677	6,653,455	8,611,892	143,392
WC-WTP	5,097,245	5,088,245	5,248,658	5,246,508	11,150
WC-4S Ranch WW	561,948	561,948	0	0	0
WC-Cordillera WDS	1,547,687	1,015,328	0	0	532,359
WC-Cordillera WWTP	577,146	708,146	0	0	(131,000)
WC-Comal Trace	331,000	328,612	0	0	2,388
WC-Johnson Ranch WDS	864,000	587,976	0	0	276,024
WC-Johnson Ranch WWTP	507,924	559,483	0	0	(51,559)
WC-Singing Hills WWRS	484,353	484,353	0	0	0
WC-Park Village WWRS	430,658	430,658	0	0	0
WC-Boerne ISD WWTP	83,339	83,339	0	0	0
Western Canyon	10,485,300	9,848,088	5,248,658	5,246,508	639,362
Port Lavaca WTP	1,887,915	1,887,915	0	0	0
Rural Water	1,893,395	1,753,220	0	0	140,175
CC-Reservoir	911,585	911,585	0	0	0
CC-Recreation	967,900	967,449	0	0	451
Coletto Creek	1,879,485	1,879,034	0	0	451
Luling	1,653,800	1,650,425	447,193	447,193	3,375
Canyon Hydro	307,813	307,813	0	0	0
Lockhart-WWTP	1,533,846	1,533,846	0	0	0
Lockhart-WTP	933,575	933,575	0	0	0
Lockhart	2,467,421	2,467,421	0	0	0
	67,209,119	63,313,143	16,376,740	19,627,316	645,400

Financial Summary

Designated Capital Improvement Program

Designated Projects

Project #	Division	Funding Source	Project Description	Previous Funding	Current/ Future Funding	TOTALS
1	041 - Water Sales	Budget	Diversion System Improvements (including	\$600,000	\$0	\$600,000
2	041 - Water Sales	Budget	Ground/Surface Water Interactions	\$100,000	\$0	\$100,000
3	041 - Water Sales	Budget	Surface Water Rights	\$500,000	\$0	\$500,000
4	041 - Water Sales	Budget	Corp of Engineers - Dam Costs/Projects	\$906,738	\$0	\$906,738
5	050 - Western Canyon	Plant Rate	SH 46 Pipeline Relocation - Engineering	\$288,220	\$404,273	\$692,493
TOTALS				\$2,394,958	\$404,273	\$2,799,231

Description of Projects (Line # coincides with project line #)

- 1 Evaluation, planning and design for system improvements in the diversion system.
- 2 Study for data collection of interaction between groundwater and surface water.
- 3 Purchase of water rights.
- 4 Contractual obligation for Corp of Engineers O & M costs, building up for large Corp projects.
- 5 Relocation of water line due to road expansion by TxDOT. Estimated amount of betterment not reimbursed.

Bond Funded Projects

Project #	Division	Funding Source	Project Description	Previous Funding	Current/ Future Funding	TOTALS
A	033 - Stein Falls	Bond Sale	WW Plant Expansion			TBD
B	037 - Sunfield	Bond Sale	WWTP Expansion	\$0	\$27,000,000	\$27,000,000
C	041 - Water Sales	Bond Sale	Salt Water Barrier - bladder replacement			TBD
D	041 - Water Sales	Bond Sale	Lower Basin Storage Project	\$0	\$35,176,000	\$35,176,000
E	041 - Water Sales	Bond Sale/Other	Carrizo Groundwater Supply Project	\$212,955,000	\$165,000,000	\$377,955,000
TOTALS				\$212,955,000	\$227,176,000	\$440,131,000

Description of Projects (Line # coincides with project line #)

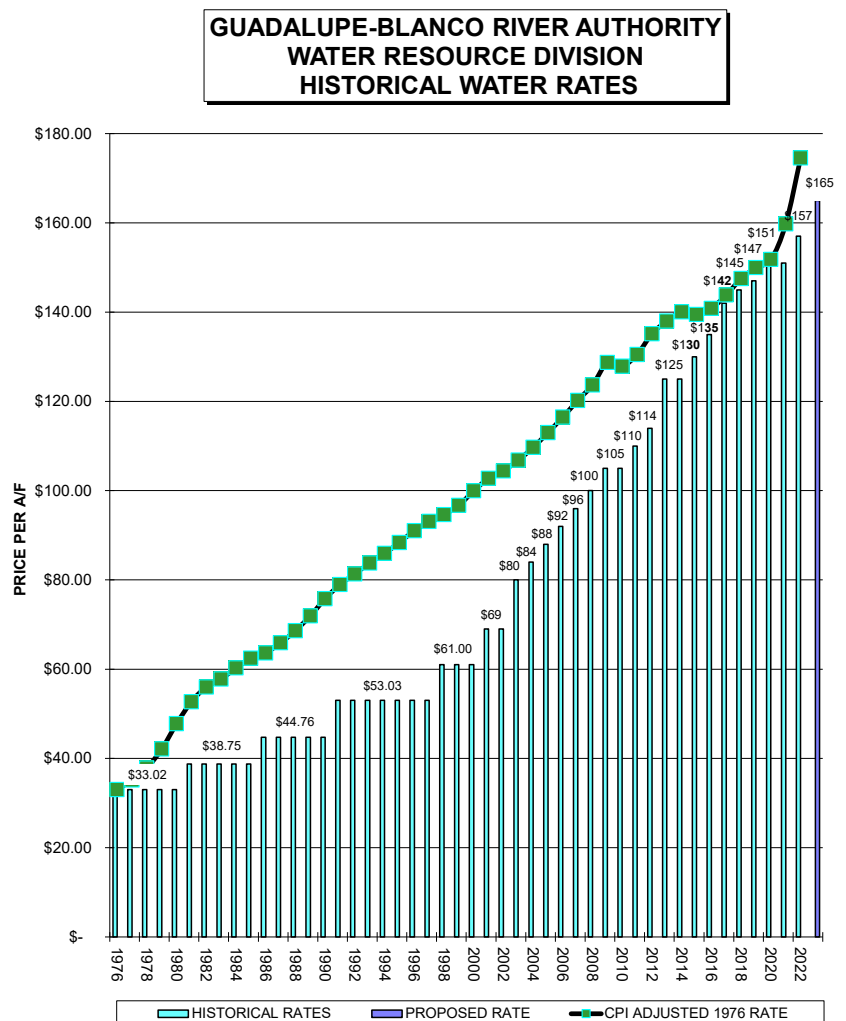
- A Engineering design and expansion of treatment plant. Under design. Cost unknown at this time.
- B Engineering design and expansion of wastewater treatment plant. Bonds to be sold in summer 2022.
- C Replacement of the inflatable bag at the Salt Water Barrier that has reached end of life. Cost unknown at this time.
- D Engineering and construction of lower basin reservoir for water storage and supply.
- E Design, engineering, and construction of groundwater distribution project, expanded to include additional customers in 2022.

Financial Summary

The GBRA Enabling Act clearly provides that it is the responsibility of GBRA to develop, conserve and protect the waters of the Guadalupe River Basin. Also implicit within that Act is the ability for GBRA to supply water on a short-term, temporary basis to the region adjacent to GBRA's district. GBRA has worked closely throughout its history with municipalities and other entities in the river basin to fulfill that mandate. Yet it remains an ever-growing as well as challenging mandate as the population of Texas continues to grow and periodic droughts place limitation on existing water supplies. Estimates by the Texas Water Development Board indicate that the state's population will double during the next fifty (50) years causing a 15% increase in water usage and annual water consumption in Texas is projected to increase by 2,000,000 acre-feet per year (AF/YR) between the years 2010 and 2060. Total water demand within the GBRA District is expected to rise approximately 150,000 AF/YR due to an expected increase in population from 470,000 residents to 1,100,000.

The increasing demand for stored water in GBRA's district requires GBRA to expend a great deal of time in the evaluation of additional sources of water supply. GBRA is authorized by the State of Texas to the firm yield of 90,000 A/F from Canyon Reservoir, all of which is fully committed.

GBRA operations and water supply for the communities in the basin are generally contingent on the flow of the river and stored water out of the reservoir. The Board of Directors adopts a rate structure for water from reservoir storage annually to provide an equitable charge to all firm water customers. The accompanying graph displays the water supply rate trend. It is clear in this graph that the water supply rate has trended higher in order to provide the resources to meet the expanding water resource, water quality, and environmental needs of a growing population in the Guadalupe River Basin. The water supply rate is budgeted to increase from \$157 to \$165 per acre-foot per year (AF).

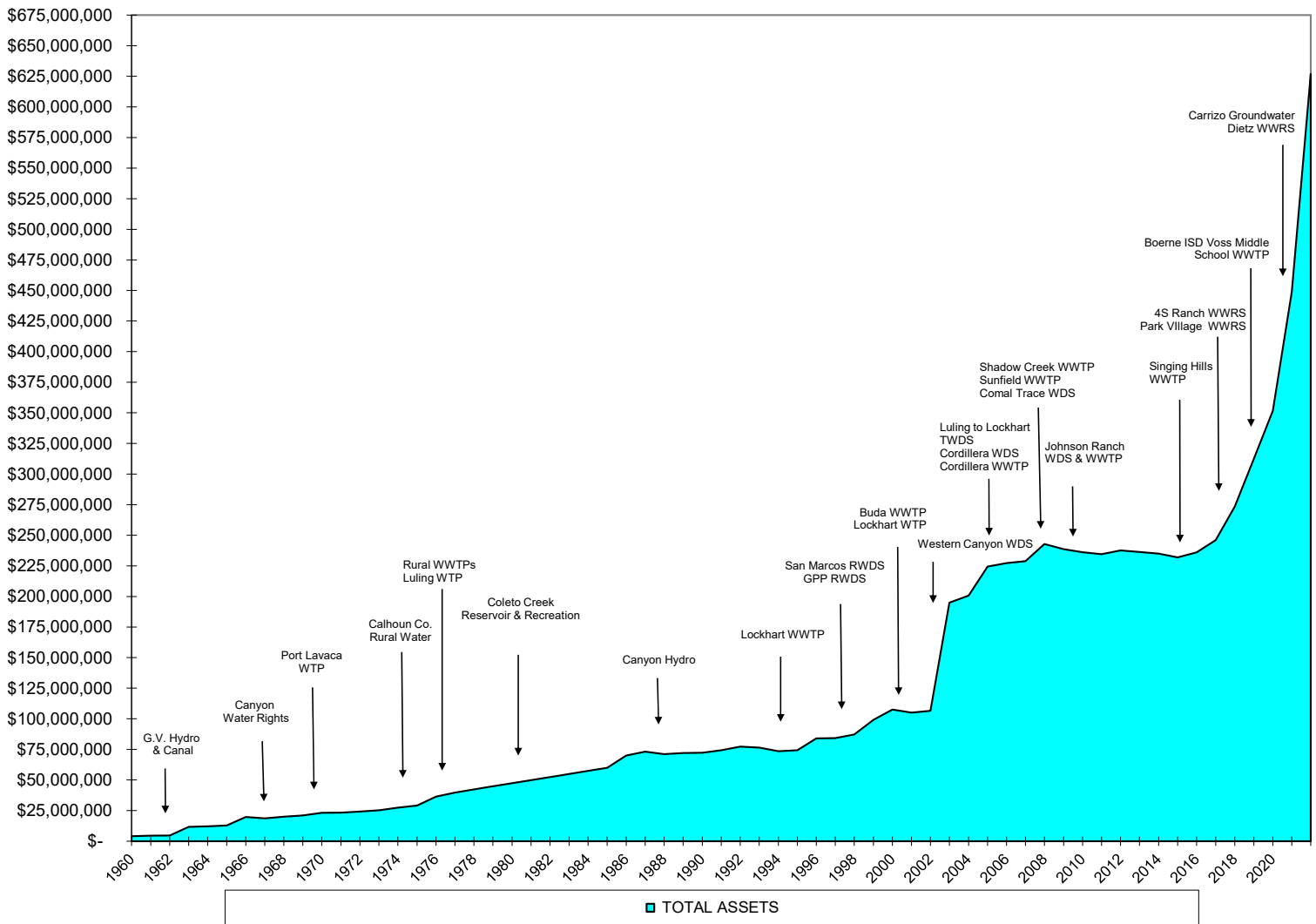


Financial Trend

The following graph represents GBRA’s asset and operational growth since the “kick-off” of the water operations in the early 1960’s following the purchase of Guadalupe Valley Hydroelectric System and the Calhoun Canal System. The latest operation being added is the Dietz Wastewater System in 2022. In FY2022 GBRA began collecting debt for Lake Dunlap, Lake McQueeney and Lake Placid dams and spillgate replacement projects; however, these will not be in operation until construction is complete.

The growth of GBRA operations over the last ten years is depicted on the following graph:

**GUADALUPE-BLANCO RIVER AUTHORITY
FINANCIAL TREND DATA**

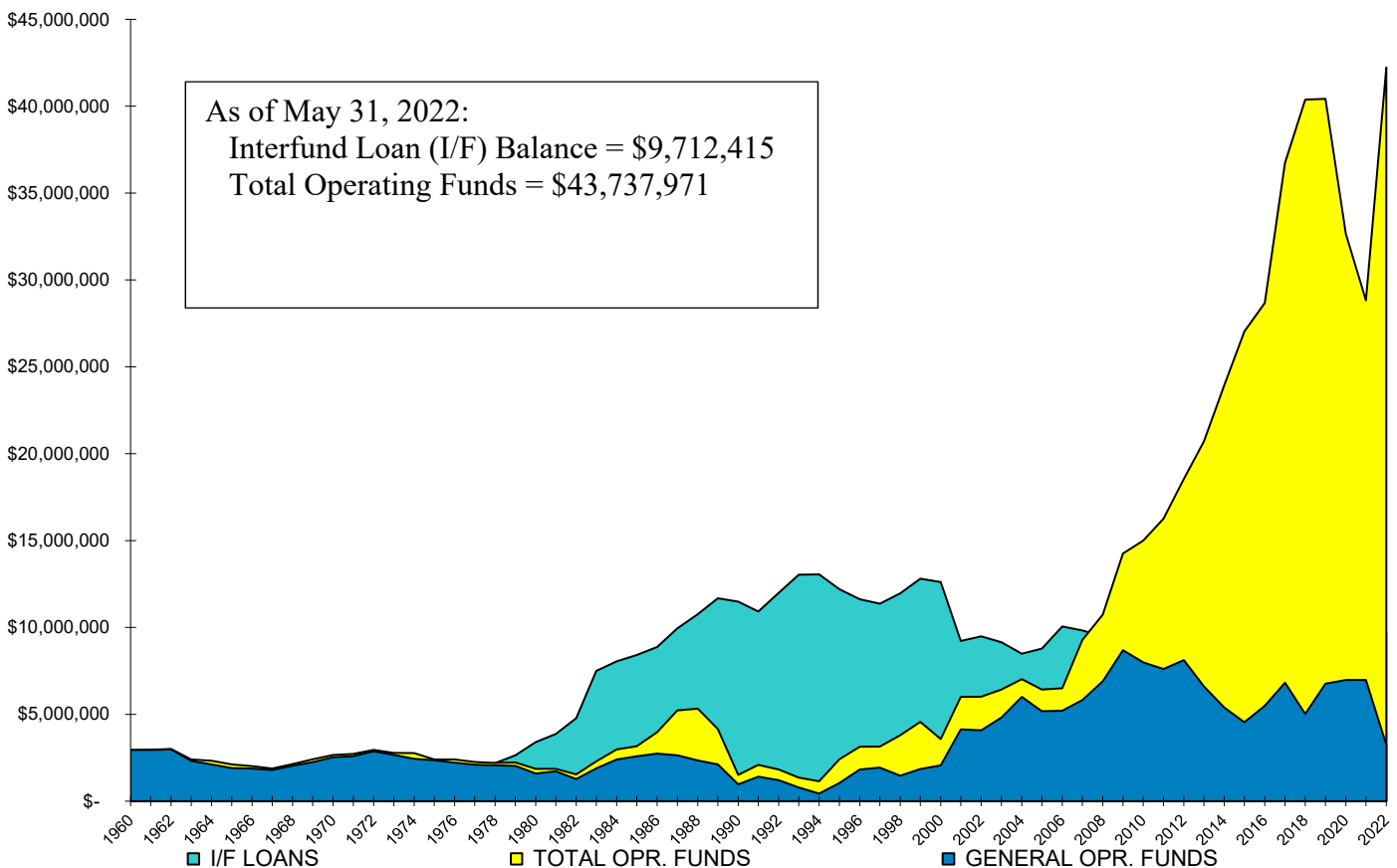


Financial Reserve Data

Sound financial planning includes maintaining an appropriate level of cash reserves to ensure smooth operation in the event of an unexpected change in cash flows. In addition in developing rates for GBRA’s rate based divisions, maintaining designated cash to utilize for pay-as-you-go projects that span multiple years or rate stabilization is a common practice. GBRA maintains at least the minimum cash reserves under Board Policy with the majority of the reserves within the General and Water Resource Divisions. Recently, other divisions have been able to develop reserve balances as their operations have matured.

Currently, GBRA’s working capital reserve Board Policy is to maintain five months of budgeted revenue. General Division reserves available above the Board Policy minimum are periodically used to provide interfund loans to operating divisions that need funding for a new project, to provide funds to pay for some unexpected, significant expenditure, or pay operating costs when events such as droughts cause a significant loss of revenue. These loans are paid back to the General Division when cash flow allows for the operating division receiving the loan.

The FY 2023 Budget sustains the Board’s working capital reserve policy.

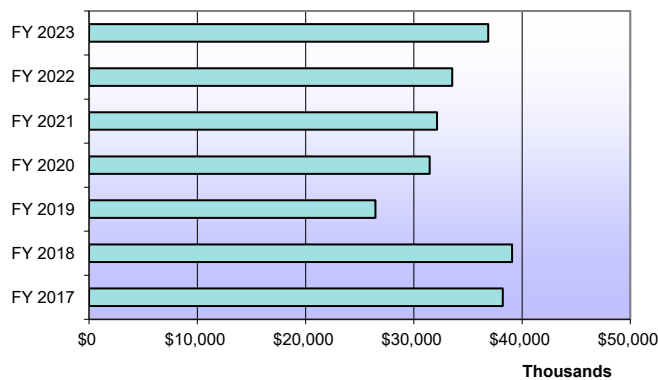
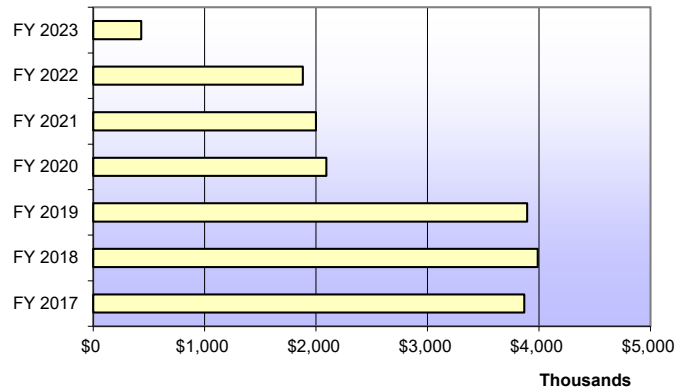




Historical Operating Revenues

Power Sales

The power sales are based on river flows and fixed contracts. The portion contingent on river flows has declined due to less power being generated due to gate failures, continued drought conditions and construction of replacement dams with no generation budgeted for FY2023. The fixed component decreased in 2019 and twice in 2021 due to gate failures from the contractual \$125K/mth prior to November 2019 to the current \$41.7K/mth.



Water Sales and Reservoir

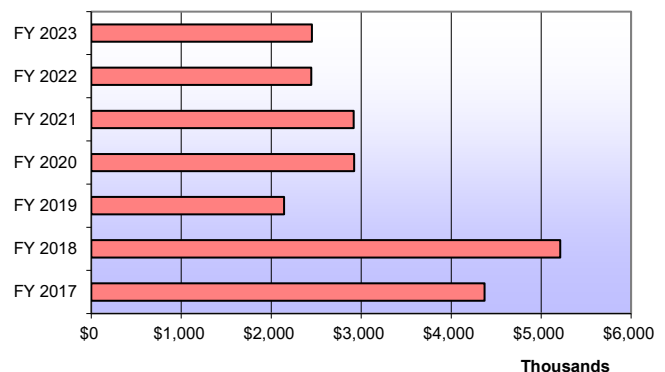
Water Sales and Reservoir revenues are derived from the sale of raw and treated water to customers throughout the river basin. These have generally increased over the years due to the demand for more water; the initiation of water projects such as the Carrizo groundwater project, and the associated project debt service; and rate increases of approximately 3-5% annually.

Note: FY2018 and prior include retail water sales; FY2019 forward have separate graph for these sales.

Wastewater Services

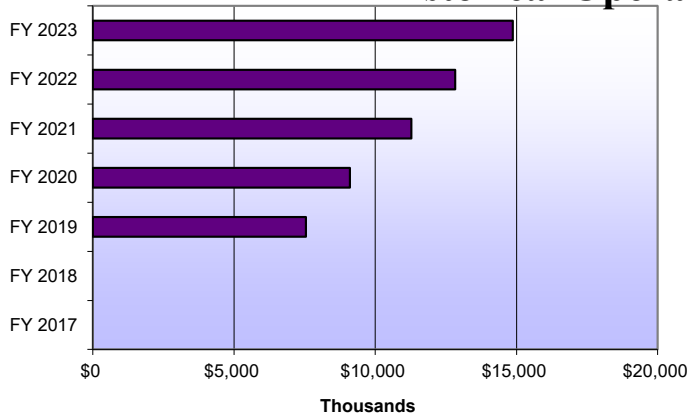
The treatment of wastewater has steadily increased year over year. These facilities treat waste to a finished quality that meets or exceeds all federal and state standards. Wastewater treatment has increased from 1,003,090/M gal. in 2017 to a projected 1,534,360/M gal. in 2023.

Note: The graph to the right includes retail wastewater revenue for FY2018 and prior; FY2019 forward have separate graph representing these sales.





Historical Operating Revenues



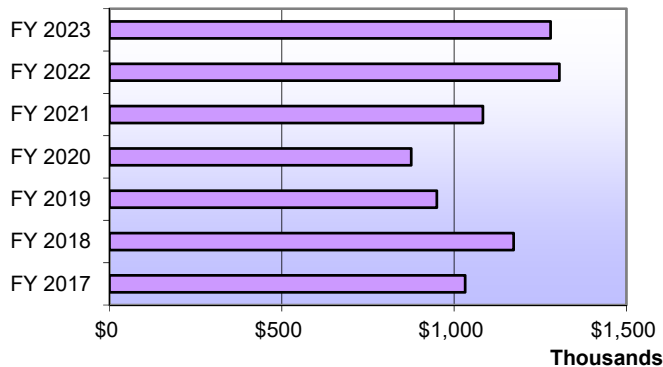
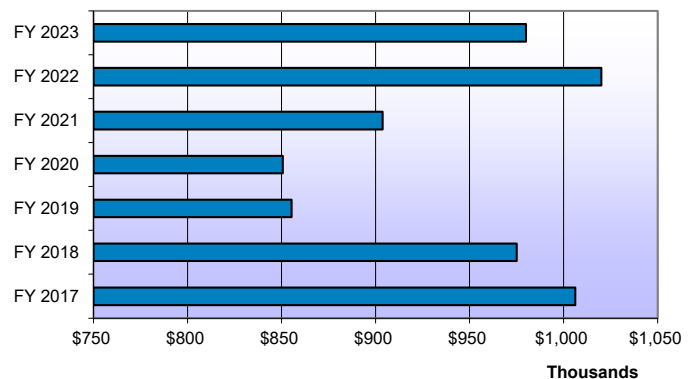
Retail Water and Wastewater Sales

The retail distribution of treated water and collection of wastewater steadily increases with build-out of existing service areas and the addition of new connections. Current active customer connections for these retail services approximates 13,000 throughout GBRA's river basin.

Note: For FY2018 and prior, this data was included in Water Sales and Reservoir and Wastewater Services.

Laboratory Services

Laboratory revenue is derived from sampling, testing, and analyzing water and wastewater from a diverse group of customers. These laboratory services are also performed for GBRA operating facilities throughout the river basin.



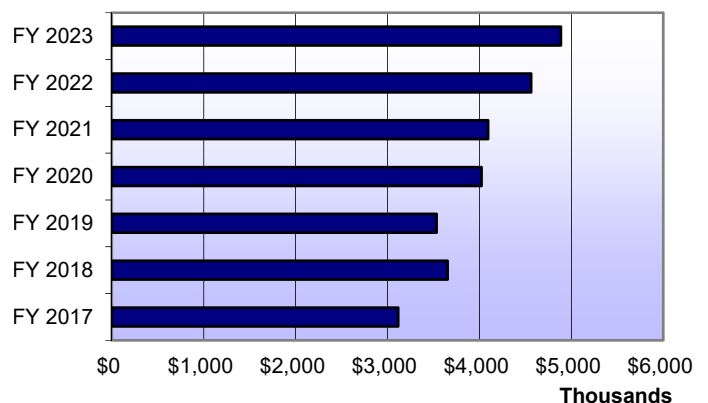
Recreation & Other Rentals

Coletto Creek Park, Lakewood Recreational Area and Nolte Island Park provide park facilities and water recreation for customers. Park fees within the park systems have increased to cover park enhancements and maintenance.

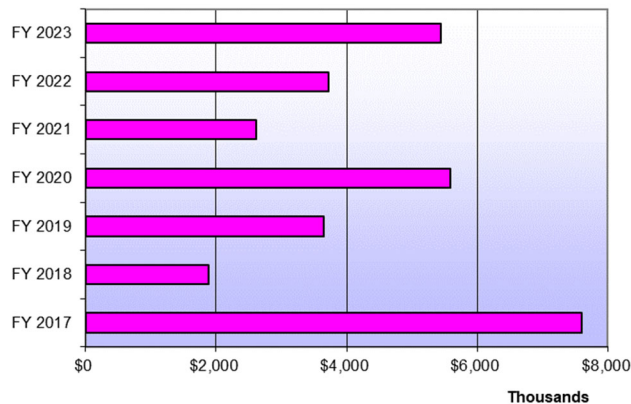
Other income is from the rental of building facilities and leasing of land.

Administrative and General

Administrative & General (A&G) charges are received in the General Division from other divisions of GBRA for technical and administrative support. The A&G revenue is calculated as a percentage of labor expense. The A&G rate continues to remain at 33%.



Historical Operating Revenues



Miscellaneous Income

Miscellaneous income includes a variety of revenue sources including the sale of GBRA assets, renewable energy credits, payments from developers, and grant and insurance reimbursements from periodic repair of flood damages. In FY 2017, grant income totaled over \$3.5M.

Operating Revenue Trend

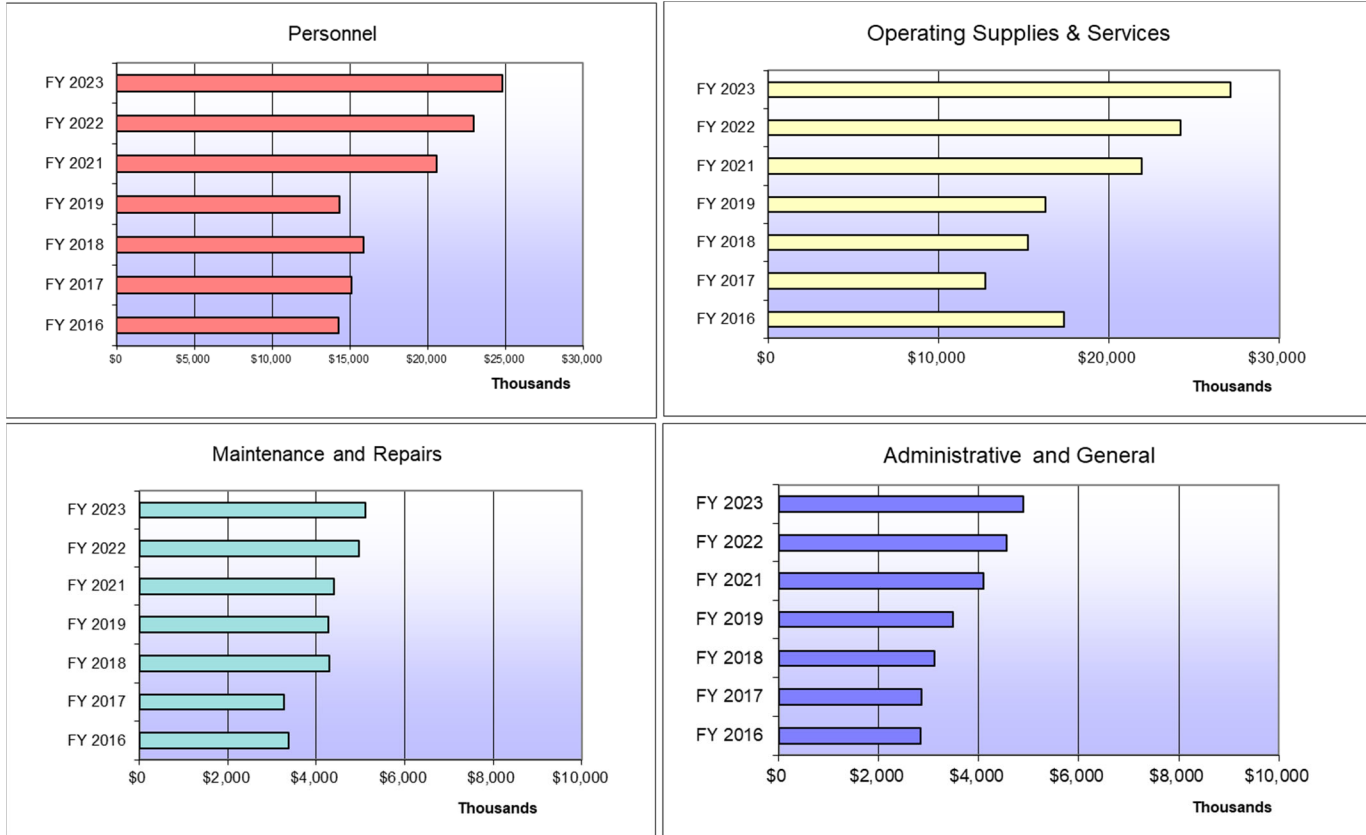
The following table identifies the revenue trends over the last seven years for all of GBRA's operations:

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Revenues	Actual	Actual	Actual	Actual	Actual	Budget	Budget
Power Sales	3,868,917	3,988,040	3,895,226	2,093,180	1,998,562	1,881,054	432,813
Water Sales & Reservoir Operations	38,213,978	39,055,156	26,434,164	31,461,696	32,119,676	33,546,950	36,868,630
Wastewater Services	4,372,609	5,212,775	2,143,594	2,922,772	2,915,842	2,443,478	2,453,049
Retail Water & Wastewater Sales			7,545,426	9,108,260	11,284,047	12,829,380	14,874,535
Recreation & Other Rentals	1,032,079	1,172,654	949,648	875,494	1,083,429	1,305,450	1,279,849
Laboratory Services	1,006,168	975,000	855,348	850,700	903,721	1,020,000	980,000
Administrative & General	3,115,380	3,653,322	3,532,764	4,021,980	4,092,930	4,561,950	4,885,106
Miscellaneous Income	7,598,949	1,885,333	3,655,206	5,593,980	2,607,335	3,725,731	5,435,137
Total	59,208,080	55,942,280	49,011,376	56,928,062	57,005,542	61,313,993	67,209,119

NOTE: For FY 2018 and prior, retail water revenue was included in Water Sales & Reservoir Operations and retail wastewater was included in Wastewater Services; FY 2019 to current are identified in Retail Water & Wastewater Sales.



Historical Operating Expenses



Operating Expense Trend

The following table identifies the expense trends over the last seven years for all of GBRA's operations:

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2021	FY 2022	FY 2023
Expenses	Actual	Actual	Actual	Actual	Actual	Budget	Budget
Personnel	14,303,090	15,110,414	15,893,436	14,306,671	20,612,894	22,965,207	24,840,379
Operating Supplies & Services	17,380,139	12,723,879	15,235,869	16,272,545	21,904,036	24,203,429	27,131,698
Maintenance and Repairs	3,364,768	3,275,783	4,301,574	4,280,954	4,394,108	4,962,083	5,107,187
Administrative and General	2,831,297	2,847,926	3,117,874	3,491,770	4,092,935	4,561,950	4,885,106
Total	37,879,294	33,958,002	38,548,753	38,351,940	51,003,973	56,692,669	61,964,370



Rates and Rate Structures

COMMON RATES:	2021	2022	2023	Unit of Measure	% Change	Effective Date
Transfer Fee	\$40.00	\$40.00	\$40.00	transfer	-	Sep 01
ACH Fee: individual bank draft at customers request	\$25.00	\$25.00	\$25.00	occurrence	-	Sep 01
NSF Fee	\$25.00	\$25.00	\$30.00	occurrence	20%	Sep 01
Late Charge Penalty	5%	5%	5%	mtly fee	-	Sep 01
Meter Tampering Fee	\$70.00	\$70.00	\$70.00	+damages	-	Sep 01
Private Hand Valve Installation	@ cost	@ cost	@ cost			Sep 01
Retail Inspection Fees	\$75.00	\$75.00	\$75.00	inspection	-	Sep 01
Constructor Inspection Fees	\$90.00	\$90.00	\$90.00	hour	-	Sep 01
Park Reservation Cancellation Fee	\$5.00	\$5.00	\$5.00	occurrence	-	Sep 01
GENERAL DIVISION	2021	2022	2023	Unit of Measure	% Change	Effective Date
Administrative & General Charge	33%	33%	33%	%	-	Sep 01
Benefit Rate	40.50%	40.50%	40.50%	%	-	Sep 01
GUADALUPE VALLEY HYDRO DIVISION	2021	2022	2023	Unit of Measure	% Change	Effective Date
Energy Charge	\$0.0314	\$0.0314	\$0.0314	kWh	-	Sep 01
Facility Charge	\$83,333	\$62,500	\$41,667	month	-33%	Sep 01
Subordination Rate	\$5.00	\$5.00	\$5.00	AFY	-	Sep 01
Hydro Modification Permit Fee	\$600.00	\$600.00	\$600.00	permit	-	Sep 01
RURAL UTILITIES DIVISION	2021	2022	2023	Unit of Measure	% Change	Effective Date
Reconnect Fee	\$500.00	\$500.00	\$500.00	connection	-	Sep 01
Trucked Wastewater	\$60.00	\$60.00	\$60.00	1,000 gal	-	Sep 01
<u>Shadow Creek WWTP:</u>						
1. Connection Fee: per Hays County Agreement	\$500	\$500	\$500	connection	-	Sep 01
2. Monthly Sewer Fee: Retail	\$36.00	\$36.00	\$36.00	LUE	-	Sep 01
3. Monthly Sewer Fee: Hays CISD-Pflugler Elementary	\$52.50	\$52.50	\$52.50	LUE	-	Sep 01
<u>Canyon Park WWRs:</u>						
1. Connection Fee	\$5,000.00	\$5,000.00	\$5,000.00	connection	-	Sep 01
2. Monthly Sewer Rate:	\$62.00	\$65.00	\$68.00	LUE	5%	Sep 01
<u>Stein Falls WWTP:</u>						
1. Connection Fee: Treatment Plant and Collection System Capacity Fee						
All customers excluding exceptions listed below:	\$6,200	\$6,200	\$6,200	connection	-	Sep 01
Connection Fee: Cypress Grove Mobile Home Park	\$6,200	\$6,200	\$6,200	connection	-	Sep 01
Connection Fee: Lakeside Pass (const. costs & reimb. fees plus)	\$6,200	\$6,200	\$6,200	connection	-	Sep 01
Connection Fee: New customers via Legends Lift Station	\$6,700	\$6,700	\$6,700	connection	-	Sep 01
Connection Fee: Oasis line/area	\$6,377	\$6,377	\$6,377	connection	-	Sep 01
Connection Fee: Zipp Rd Utilities Duplexes	\$3,000	\$3,398	\$3,398	connection	-	Sep 01
2. Monthly Sewer Fee: Retail	\$62.00	\$65.00	\$68.00	LUE	5%	Sep 01
3. Monthly Sewer Fee: Zipp Rd Utilities	\$48.00	\$62.40	\$65.28	LUE	5%	Sep 01



Rates and Rate Structures

RURAL UTILITIES DIVISION (cont.)	2021	2022	2023	Unit of Measure	% Change	Effective Date
<u>Sunfield WWTP:</u>						
1. Residential Sewer:						
Monthly Minimum: 5/8" Meter	\$29.00	\$29.00	\$34.00	LUE	17%	Nov 01
Usage Charge (10,000 gal maximum)	\$4.25	\$4.25	\$4.50	1,000 gal.	6%	Nov 01
2. Commerical Sewer:						
Monthly Minimum: 3/4" Meter	\$39.00	\$39.00	\$39.00	month	-	Sep 01
Monthly Minimum: 1" Meter	\$54.00	\$54.00	\$54.00	month	-	Sep 01
Monthly Minimum: 1 1/2" Meter	\$204.00	\$204.00	\$204.00	month	-	Sep 01
Monthly Minimum: 2" Meter	\$304.00	\$304.00	\$304.00	month	-	Sep 01
Monthly Minimum: 3" Meter	\$404.00	\$404.00	\$404.00	month	-	Sep 01
Monthly Minimum: 4" Meter	\$504.00	\$504.00	\$504.00	month	-	Sep 01
Monthly Minimum: 6" Meter	\$604.00	\$604.00	\$604.00	month	-	Sep 01
Usage Charge	\$4.25	\$4.25	\$4.50	1,000 gal.	6%	Nov 01
3. Schools:						
Monthly Minimum	N/A	\$29.00	\$34.00	LUE	17%	Nov 01
Usage Charge	N/A	\$4.25	\$4.50	1,000 gal.	6%	Nov 01
4. Wholesale Wastewater Treatment (per contract):						
East Hays County Wholesale Treatment and Force Main	N/A	\$5.82	\$5.82	1,000 gal.	-	Sep 01
Buda Wholesale Treatment	\$5.64	\$5.64	\$5.64	1,000 gal.	-	Sep 01
Late Charge Penalty (residential, commercial, schools):	10%	10%	10%	mntly fee	-	Sep 01
<u>Dietz WWRS:</u>						
Connection Fee: Dietz WW	\$6,800	\$6,800	\$6,800	connection	-	Sep 01
1. Residential Sewer:						
Monthly Minimum: 5/8", 1" Meter	\$38.17	\$38.17	\$38.17	LUE	-	Sep 01
Usage Charge (10,000 gal maximum)	\$5.05	\$5.05	\$5.05	1,000 gal.	-	Sep 01
WATER RESOURCES DIVISION	2021	2022	2023	Unit of Measure	% Change	Effective Date
<u>Raw Water:</u>						
Firm Water	\$151.00	\$157.00	\$165.00	AFY	5%	Sep 01
Out-of-District Charge \$24x CPI (Updated Feb 1 annually)	\$38.59	\$39.07	\$42.03	AFY	8%	Sep 01
Lower Basin Water Rate	\$151.00	\$157.00	\$165.00	AFY	5%	Sep 01
Womack Water Rate	\$151.00	\$157.00	\$165.00	AFY	5%	Sep 01
<u>Regional RWDS:</u>						
O&M Rate	\$0.345	\$0.443	\$0.595	1,000 gal	34%	Sep 01
Capacity Rate	\$0.190	\$0.190	\$0.190	1,000 gal	-	Sep 01
<u>Guadalupe Power Partners RWDS:</u>						
O&M Rate	\$0.611	\$0.611	\$0.611	1,000 gal	-	Sep 01
<u>IH 35 Project:</u>						
O&M Rate: SMWTP	\$0.520	\$0.520	\$0.570	1,000 gal	10%	Sep 01
O&M Rate: TWDS IH35 Pipeline	\$0.285	\$0.352	\$0.332	1,000 gal	-6%	Sep 01
Capacity Rate: IH35 Pipeline	\$0.306	\$0.306	\$0.306	1,000 gal	-	Sep 01
Capacity Rate: SMWTP	\$0.174	\$0.171	\$0.172	1,000 gal	1%	Sep 01



Fiscal Year 2023 Budget

flowing solutions

Rates and Rate Structures

WATER RESOURCES DIVISION (cont.)	2021	2022	2023	Unit of Measure	% Change	Effective Date
<u>Canyon Lake Gorge Park:</u>						
Educational Tours (no charge for teachers/chaperones)	\$5.00	\$5.00	\$5.00	person	-	Sep 01
Public Tours/Trails:						Sep 01
Hiking Trails (under 12 free)	\$5.00	\$5.00	\$5.00	person	-	Sep 01
Guided, 1.5 hours	\$15.00	\$15.00	\$15.00	person	-	Sep 01
Guided, 3 hours	\$20.00	\$20.00	\$20.00	person	-	Sep 01
Private Tours:						Sep 01
Guided, 1.5 or 3 hours (\$200 minimum)	\$20.00	\$20.00	\$20.00	person	-	Sep 01
5th Grade Classroom	\$5.00	\$5.00	\$5.00	person	-	Sep 01
Advanced Geology (\$500 minimum)	\$50.00	\$50.00	\$50.00	person	-	Sep 01
Photography Shoot (2 hour minimum)	\$50.00	\$50.00	\$50.00	hour	-	Sep 01
Customized Experience (\$500 minimum)	TBD	TBD	TBD	tour		Sep 01
Corporate Tours	\$500.00	N/A	N/A	group		Sep 01
<u>Nolte Island Park:</u>						
Site #1	\$250.00	\$250.00	\$250.00	day	-	Sep 01
Site #3	\$450.00	\$450.00	\$450.00	day	-	Sep 01
Rental of all sites: 3 days	\$1,375.00	\$1,375.00	\$1,375.00	3 days	-	Sep 01
Rental of all sites: 4 days	\$1,575.00	\$1,575.00	\$1,575.00	4 days	-	Sep 01
<u>Meadow Lake Leases:</u>						
Site #1 - Homeowner's Assoc. Lot	\$150.00	\$150.00	\$150.00	site	-	Sep 01
Site #2-13	\$1,800.00	\$1,800.00	\$1,800.00	site	-	Sep 01
<u>Laboratory:</u>						
COD Disposal Fee	\$6.00	\$6.00	\$6.00	sample	-	Sep 01
Courier Fee, plus mileage fee	N/A	N/A	\$40.00	location	NEW	Sep 01
Data Calculation Fee	\$10.00	\$10.00	\$10.00	test	-	Sep 01
Data Transfer Fee	\$30.00	\$30.00	\$30.00	transfer	-	Sep 01
Environmental Sampling Fee (2hr min), plus mileage fee	\$120.00	\$120.00	\$120.00	hour	-	Sep 01
Filtration Fee	\$10.00	\$10.00	\$10.00	sample	-	Sep 01
Mileage Fee	IRS Rate	IRS Rate	IRS Rate	mile		Sep 01
Sampler Rental Fee	\$150.00	\$150.00	\$150.00	day	-	Sep 01
Shipping Rate	\$30.00	\$30.00	\$30.00	shipment	-	Sep 01
Waste Disposal Fee	\$2.00	\$2.00	\$2.00	sample	-	Sep 01
Lab Testing:						
Lab Testing: Outside of normal business hours	N/A	N/A	2x test rate	test	NEW	Sep 01
Lab Testing: On GBRA designated holidays	N/A	N/A	2x test rate	test	NEW	Sep 01
Lab Testing: Rush Orders	N/A	N/A	4x test rate	test	NEW	Sep 01
Alkalinity-Total	\$26.00	\$26.00	\$26.00	test	-	Sep 01
Alkalinity-Carbonate	\$36.00	\$36.00	\$36.00	test	-	Sep 01
Alkalinity-Bicarbonate	\$36.00	\$36.00	\$36.00	test	-	Sep 01
Alkalinity-Phenolthaelein	\$26.00	\$26.00	\$26.00	test	-	Sep 01
Chlorophyll a/Pheophytin	\$62.00	\$62.00	\$62.00	test	-	Sep 01
Conductivity	\$18.00	\$18.00	\$18.00	test	-	Sep 01
Corrosivity	\$103.00	\$103.00	\$103.00	test	-	Sep 01



Rates and Rate Structures

WATER RESOURCES DIVISION (cont.)	2021	2022	2023	Unit of Measure	% Change	Effective Date
Demands-BOD (5 day)	\$40.00	\$40.00	\$40.00	test	-	Sep 01
Demands-CBOD (5 day)	\$42.00	\$42.00	\$42.00	test	-	Sep 01
Demands-COD, plus COD disposal fee	\$40.00	\$40.00	\$40.00	test	-	Sep 01
Demands-DO (electrode)	\$15.00	\$15.00	\$15.00	test	-	Sep 01
Ion Chromatography-Chloride	\$28.00	\$28.00	\$28.00	test	-	Sep 01
Ion Chromatography-Chlorite	\$38.00	\$38.00	\$38.00	test	-	Sep 01
Ion Chromatography-Fluoride	\$28.00	\$28.00	\$28.00	test	-	Sep 01
Ion Chromatography-Nitrate	\$28.00	\$28.00	\$28.00	test	-	Sep 01
Ion Chromatography-Nitrite	\$28.00	\$28.00	\$28.00	test	-	Sep 01
Ion Chromatography-Ortho-Phosphorus	\$28.00	\$28.00	\$28.00	test	-	Sep 01
Ion Chromatography-Sulfate	\$28.00	\$28.00	\$28.00	test	-	Sep 01
Micro-E coli (18 hr. Colilert)	\$33.00	\$33.00	\$35.00	test	6%	Sep 01
Micro-Fecal Coliform (18hr Colilert)	\$35.00	\$35.00	\$38.00	test	9%	Sep 01
Micro-Fecal Coliform for sludges	\$55.00	\$55.00	\$55.00	test	-	Sep 01
Micro-Fecal Coliform Geomean	\$87.00	\$87.00	\$87.00	test	-	Sep 01
Micro-Heterotrophic Plate Counts	\$40.00	\$40.00	\$40.00	test	-	Sep 01
Micro-Total Coliform (P/A)	\$25.00	\$25.00	\$25.00	test	-	Sep 01
Micro-Total Coliform (MPN)	\$33.00	\$33.00	\$38.00	test	15%	Sep 01
Nutrients-Ammonia Nitrogen, plus waste disposal fee	\$34.00	\$34.00	\$34.00	test	-	Sep 01
Nutrients-Total Kjeldahl Nitrogen-TKN, plus waste disposal fee	\$52.00	\$52.00	\$55.00	test	6%	Sep 01
Nutrients-Total Nitrogen	\$118.00	\$118.00	\$118.00	test	-	Sep 01
Nutrients-Total Phosphorus, plus waste disposal fee	\$35.00	\$35.00	\$40.00	test	14%	Sep 01
pH	\$15.00	\$15.00	\$15.00	test	-	Sep 01
Solids Analysis-Total Suspended Solids	\$25.00	\$25.00	\$25.00	test	-	Sep 01
Solids Analysis-Volatile Suspended Solids	\$25.00	\$25.00	\$25.00	test	-	Sep 01
Solids-Total Dissolved Solids	\$28.00	\$28.00	\$28.00	test	-	Sep 01
Solids-Total Solids	\$26.00	\$26.00	\$26.00	test	-	Sep 01
Solids-Volatile Residue-VS	\$27.00	\$27.00	\$27.00	test	-	Sep 01
Solids-% Total Solids	\$25.00	\$25.00	\$25.00	test	-	Sep 01
Sludge Oxygen Uptake Rate (SOUR)	\$58.00	\$58.00	\$58.00	test	-	Sep 01
Temperature	\$12.00	\$12.00	\$12.00	test	-	Sep 01
Total Hardness	\$30.00	\$30.00	\$30.00	test	-	Sep 01
Total Organic Carbon (TOC)	\$45.00	\$45.00	\$45.00	test	-	Sep 01
Total Organic Carbon-Dissolved	\$55.00	\$55.00	\$55.00	test	-	Sep 01
Total Residual Chlorine	\$15.00	\$15.00	\$15.00	test	-	Sep 01
Turbidity	\$21.00	\$21.00	\$21.00	test	-	Sep 01

Laboratory fees reflect GBRA pricing only; outsourced test pricing may vary.



Fiscal Year 2023 Budget

flowing solutions

Rates and Rate Structures

WATER RESOURCES DIVISION (cont.)	2021	2022	2023	Unit of Measure	% Change	Effective Date
<u>Lake Wood Recreation Area:</u>						
Annual Permit	\$150.00	\$150.00	\$150.00	permit	-	Sep 01
Replacement Annual Permit	\$5.00	\$5.00	\$5.00	permit	-	Sep 01
Boat Dock Leases	\$60.00	\$60.00	\$60.00	month	-	Sep 01
Day Use: Vehicle Entrance Fee	\$10.00	\$10.00	\$10.00	vehicle	-	Sep 01
Day Use: Individual Entrance Fee	\$2.00	\$2.00	\$2.00	person	-	Sep 01
Overnight Camping Fees:						
Tent Camper	\$25.00	\$25.00	\$25.00	night	-	Sep 01
RV/Trailer (30 amp) – Daily	\$30.00	\$30.00	\$30.00	night	-	Sep 01
RV/Trailer (30 amp) - Weekly (Apr 1-Sep 30)	\$180.00	\$180.00	\$180.00	week	-	Sep 01
RV/Trailer (30 amp) - Weekly (Oct 1-Mar 31)	\$140.00	\$140.00	\$140.00	week	-	Sep 01
RV/Trailer (30 amp) - Mthly (Apr 1-Sep 30)	\$510.00	\$510.00	\$510.00	month	-	Sep 01
RV/Trailer (30 amp) - Mthly (Oct 1-Mar 31)	\$420.00	\$420.00	\$420.00	month	-	Sep 01
RV/Trailer (50 amp) – Daily	\$35.00	\$35.00	\$35.00	night	-	Sep 01
RV/Trailer (50 amp) – Weekly	\$185.00	\$185.00	\$185.00	week	-	Sep 01
RV/Trailer (50 amp) – Monthly	\$630.00	\$630.00	\$630.00	month	-	Sep 01
Senior Citizen Camping (Oct 1-Mar 31)	\$27.00	\$27.00	\$27.00	night	-	Sep 01
Second Vehicle	\$15.00	\$15.00	\$15.00	vehicle	-	Sep 01
<u>Calhoun Canal System:</u>						
Irrigation Rates (includes M&I and raw water charges)						
Rice – 1 st Crop	\$130.00	\$246.00	\$204.00	acre	-17%	Sep 01
Rice – 2 nd Crop	\$50.00	\$98.00	\$82.00	acre	-16%	Sep 01
Row Crop	\$45.00	\$49.00	\$41.00	acre	-16%	Sep 01
Pasture	\$45.00	\$49.00	\$41.00	acre	-16%	Sep 01
Crawfish Pond	\$105.00	\$147.00	\$123.00	acre	-16%	Sep 01
Waterfowl Field	\$70.00	\$98.00	\$82.00	acre	-16%	Sep 01
Catfish Farm	\$140.00	\$197.00	\$163.00	acre	-17%	Sep 01
Sprinkler Irrigation-unmetered	\$45.00	\$49.00	\$41.00	acre	-16%	Sep 01
Sprinkler Irrigation-metered	\$0.215	\$0.302	\$0.251	1,000 gal.	-17%	Sep 01
Initial fill: crawfish, waterfowl & catfish water	\$0.215	\$0.302	\$0.251	1,000 gal.	-17%	Sep 01
M&I Rate	\$0.215	\$0.225	\$0.174	1,000 gal.	-23%	Sep 01
Seadrift Coke LP Delivery Facility Charge	\$0.040	\$0.040	\$0.040	1,000 gal.	-	Sep 01
Ineos Nitriles Delivery Facility Charge	\$0.035	\$0.035	\$0.035	1,000 gal.	-	Sep 01
Other Ponds & rigs (base rate)	\$495.00	N/A	N/A	base rate		Sep 01
Other Ponds & rigs (includes M&I and raw water charges)	\$0.215	\$0.302	\$0.251	1,000 gal.	-17%	Sep 01
CARRIZO GROUNDWATER DIVISION						
Water Rate	\$73.00	\$82.00	\$82.00	AFY	-	Sep 01



Rates and Rate Structures

WESTERN CANYON DIVISION	2021	2022	2023	Unit of Measure	% Change	Effective Date
<u>Western Canyon WTP & TWDS:</u>						
O&M Rate	\$1.089	\$1.247	\$1.394	1,000 gal.	12%	Sep 01
Capacity Rate-WTP	\$475.03	N/A	N/A	AFY		Sep 01
Capacity Rate-TTHM	\$23.53	N/A	N/A	AFY		Sep 01
Capacity Rate-Refunding Bond Issue, Series 2020	N/A	\$468.63	\$468.63		-	Sep 01
Water Trucks	\$10.00	\$10.00	\$16.00	1,000 gal.	60%	Sep 01
<u>Water Distribution Systems – Common Rates:</u>						
Reconnection Fee: Water	\$100.00	\$100.00	\$100.00	connection	-	Sep 01
Bulverde Emergency Services - Fire	\$304.00	\$304.00	\$304.00	connection	-	Sep 01
<u>Comal Trace WDS, Cordillera Ranch WDS & Johnson Ranch WDS:</u>						
1. 5/8" Meter:						
Water – Connection Fees: Comal Trace	\$1,000.00	\$1,000.00	\$1,000.00	connection	-	Sep 01
Water – Connection Fees: Cordillera	\$1,650.00	\$1,650.00	\$1,650.00	connection	-	Sep 01
Water – Connection Fees: Johnson Ranch	\$1,200.00	\$1,200.00	\$1,200.00	connection	-	Sep 01
Water – Developer Reimbursement Fee: Cordillera	\$2,000.00	\$2,000.00	\$2,000.00	connection	-	Sep 01
Monthly Water Fee: up to 2,000 gal	\$44.00	\$44.00	\$44.00	LUE	-	Sep 01
Water – Block Rate: 2,001-10,000 gal (base rate+usage)	\$3.60	\$3.60	\$3.60	1,000 gal.	-	Sep 01
Water – Block Rate: 10,001-15,000 gal (base rate+usage)	\$4.60	\$4.60	\$4.60	1,000 gal.	-	Sep 01
Water – Block Rate: 15,001-25,000 gal (base rate+usage)	\$4.60	\$4.60	\$6.60	1,000 gal.	43%	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$5.60	\$8.60	1,000 gal.	54%	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$6.60	\$12.00	1,000 gal.	82%	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$8.60	\$16.00	1,000 gal.	86%	Sep 01
Water – Block Rate: over 100,000 gal (base rate+usage)	\$12.00	\$12.00	\$16.00	1,000 gal.	33%	Sep 01
2. 1" Meter:						
Water – Connection Fees: Cordillera	\$1,730.00	\$1,730.00	\$1,730.00	connection	-	Sep 01
Monthly Water Fee: up to 2,000 gal	\$99.20	\$99.20	\$99.20	LUE	-	Sep 01
Water – Block Rate: 2,001-10,000 gal (base rate+usage)	\$3.60	\$3.60	\$3.60	1,000 gal.	-	Sep 01
Water – Block Rate: 10,001-15,000 gal (base rate+usage)	\$4.60	\$4.60	\$4.60	1,000 gal.	-	Sep 01
Water – Block Rate: 15,001-25,000 gal (base rate+usage)	\$4.60	\$4.60	\$6.60	1,000 gal.	43%	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$5.60	\$8.60	1,000 gal.	54%	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$6.60	\$12.00	1,000 gal.	82%	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$8.60	\$16.00	1,000 gal.	86%	Sep 01
Water – Block Rate: over 100,000 gal (base rate+usage)	\$12.00	\$12.00	\$16.00	1,000 gal.	33%	Sep 01
3. 1.5" Meter:						
Water – Connection Fees: Cordillera	\$1,850.00	\$1,850.00	\$1,850.00	connection	-	Sep 01
Monthly Water Fee: up to 4,000 gal	\$198.40	\$198.40	\$198.40	LUE	-	Sep 01
Water – Block Rate: 4,001-10,000 gal (base rate+usage)	\$3.60	\$3.60	\$3.60	1,000 gal.	-	Sep 01
Water – Block Rate: 10,001-15,000 gal (base rate+usage)	\$4.60	\$4.60	\$4.60	1,000 gal.	-	Sep 01
Water – Block Rate: 15,001-25,000 gal (base rate+usage)	\$4.60	\$4.60	\$6.60	1,000 gal.	43%	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$5.60	\$8.60	1,000 gal.	54%	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$6.60	\$12.00	1,000 gal.	82%	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$8.60	\$16.00	1,000 gal.	86%	Sep 01
Water – Block Rate: over 100,000 gal (base rate+usage)	\$12.00	\$12.00	\$16.00	1,000 gal.	33%	Sep 01



Rates and Rate Structures

WESTERN CANYON DIVISION	2021	2022	2023	Unit of Measure	% Change	Effective Date
<u>Comal Trace WDS, Cordillera Ranch WDS & Johnson Ranch WDS (cont.):</u>						
4. 2" Meter:						
Water – Connection Fees: Cordillera	\$2,560.00	\$2,560.00	\$2,560.00	connection	-	Sep 01
Monthly Water Fee: up to 4,000 gal	\$308.80	\$308.80	\$308.80	LUE	-	Sep 01
Water – Block Rate: 4,001-10,000 gal (base rate+usage)	\$3.60	\$3.60	\$3.60	1,000 gal.	-	Sep 01
Water – Block Rate: 10,001-15,000 gal (base rate+usage)	\$4.60	\$4.60	\$4.60	1,000 gal.	-	Sep 01
Water – Block Rate: 15,001-25,000 gal (base rate+usage)	\$4.60	\$4.60	\$6.60	1,000 gal.	43%	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$5.60	\$8.60	1,000 gal.	54%	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$6.60	\$12.00	1,000 gal.	82%	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$8.60	\$16.00	1,000 gal.	86%	Sep 01
Water – Block Rate: over 100,000 gal (base rate+usage)	\$12.00	\$12.00	\$16.00	1,000 gal.	33%	Sep 01
5. 3" Meter:						
Water – Connection Fees: Cordillera	\$2,860.00	\$2,860.00	\$2,860.00	connection	-	Sep 01
Monthly Water Fee: up to 4,000 gal	\$566.40	\$566.40	\$566.40	LUE	-	Sep 01
Water – Block Rate: 4,001-10,000 gal (base rate+usage)	\$3.60	\$3.60	\$3.60	1,000 gal.	-	Sep 01
Water – Block Rate: 10,001-15,000 gal (base rate+usage)	\$4.60	\$4.60	\$4.60	1,000 gal.	-	Sep 01
Water – Block Rate: 15,001-25,000 gal (base rate+usage)	\$4.60	\$4.60	\$6.60	1,000 gal.	43%	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$5.60	\$8.60	1,000 gal.	54%	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$6.60	\$12.00	1,000 gal.	82%	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$8.60	\$16.00	1,000 gal.	86%	Sep 01
Water – Block Rate: over 100,000 gal (base rate+usage)	\$12.00	\$12.00	\$16.00	1,000 gal.	33%	Sep 01
<u>Comal Trace WDS, Cordillera Ranch WDS & Johnson Ranch WDS (cont.):</u>						
6. 4" Meter:						
Water – Connection Fees: Cordillera	\$3,160.00	\$3,160.00	\$3,160.00	connection	-	Sep 01
Monthly Water Fee: up to 4,000 gal	\$934.40	\$934.40	\$934.40	LUE	-	Sep 01
Water – Block Rate: 4,001-10,000 gal (base rate+usage)	\$3.60	\$3.60	\$3.60	1,000 gal.	-	Sep 01
Water – Block Rate: 10,001-15,000 gal (base rate+usage)	\$4.60	\$4.60	\$4.60	1,000 gal.	-	Sep 01
Water – Block Rate: 15,001-25,000 gal (base rate+usage)	\$4.60	\$4.60	\$6.60	1,000 gal.	43%	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$5.60	\$8.60	1,000 gal.	54%	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$6.60	\$12.00	1,000 gal.	82%	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$8.60	\$16.00	1,000 gal.	86%	Sep 01
Water – Block Rate: over 100,000 gal (base rate+usage)	\$12.00	\$12.00	\$16.00	1,000 gal.	33%	Sep 01
7. 6" Meter:						
Water – Connection Fees: Cordillera	\$3,760.00	\$3,760.00	\$3,760.00	connection	-	Sep 01
Monthly Water Fee: up to 4,000 gal	\$1,854.40	\$1,854.40	\$1,854.40	LUE	-	Sep 01
Water – Block Rate: 4,001-10,000 gal (base rate+usage)	\$3.60	\$3.60	\$3.60	1,000 gal.	-	Sep 01
Water – Block Rate: 10,001-15,000 gal (base rate+usage)	\$4.60	\$4.60	\$4.60	1,000 gal.	-	Sep 01
Water – Block Rate: 15,001-25,000 gal (base rate+usage)	\$4.60	\$4.60	\$6.60	1,000 gal.	43%	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$5.60	\$8.60	1,000 gal.	54%	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$6.60	\$12.00	1,000 gal.	82%	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$8.60	\$16.00	1,000 gal.	86%	Sep 01
Water – Block Rate: over 100,000 gal (base rate+usage)	\$12.00	\$12.00	\$16.00	1,000 gal.	33%	Sep 01

Note: Rate changes for new fiscal year are highlighted; % change is between most recent two years.



Rates and Rate Structures

WESTERN CANYON DIVISION	2021	2022	2023	Unit of Measure	% Change	Effective Date
8. 8" Meter:						
Water – Connection Fees: Cordillera	\$3,910.00	\$3,910.00	\$3,910.00	connection	-	Sep 01
Monthly Water Fee: up to 4,000 gal	\$2,958.40	\$2,958.40	\$2,958.40	LUE	-	Sep 01
Water – Block Rate: 4,001-10,000 gal (base rate+usage)	\$3.60	\$3.60	\$3.60	1,000 gal.	-	Sep 01
Water – Block Rate: 10,001-15,000 gal (base rate+usage)	\$4.60	\$4.60	\$4.60	1,000 gal.	-	Sep 01
Water – Block Rate: 15,001-25,000 gal (base rate+usage)	\$4.60	\$4.60	\$6.60	1,000 gal.	43%	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$5.60	\$8.60	1,000 gal.	54%	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$6.60	\$12.00	1,000 gal.	82%	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$8.60	\$16.00	1,000 gal.	86%	Sep 01
Water – Block Rate: over 100,000 gal (base rate+usage)	\$12.00	\$12.00	\$16.00	1,000 gal.	33%	Sep 01
<u>Wastewater Treatment Plant - Common Rates:</u>						
Reconnection Fee: Wastewater	\$500.00	\$500.00	\$500.00	connection	-	Sep 01
Customer Re-Inspection Fee	\$100.00	\$100.00	\$100.00	inspection	-	Sep 01
<u>4S Ranch WWTP and Park Village WWRS:</u>						
Wastewater – Connection Fees	\$550.00	\$550.00	\$550.00	connection	-	Sep 01
Wastewater – Monthly Fees	\$45.00	\$45.00	\$45.00	LUE	-	Sep 01
<u>Cordillera WWTP:</u>						
Wastewater – Connection Fee	\$1,500.00	\$1,500.00	\$1,500.00	connection	-	Sep 01
+ Grinder Pump	pump @ cost	pump @ cost	pump @ cost			
Service call (up to 3 hours)	\$150.00	\$150.00	\$150.00	minimum	-	Sep 01
over minimum	\$50.00	\$50.00	\$50.00	hour	-	Sep 01
Pump Replacement	\$350.00	pump @ cost	pump @ cost	occurrence	-	Sep 01
Wastewater – Developer Reimbursement Fee	\$2,000.00	\$2,000.00	\$2,000.00	connection	-	Sep 01
Wastewater – Monthly Fees	\$73.00	\$76.00	\$79.00	LUE	4%	Sep 01
<u>Johnson Ranch WWTP:</u>						
Wastewater – Connection Fees	\$550.00	\$550.00	\$550.00	connection	-	Sep 01
Highlander Senior Village Lift Station O&M	\$160.00	\$160.00	\$160.00	LUE	-	Sep 01
Wastewater – Service Fees:						
Residential Connection:						
5/8", 1" Meter:						
Monthly Minimum	\$32.16	\$32.16	\$32.16	LUE	-	Sep 01
Usage Charge - based on winter months avg (Dec-Feb), maximum 10,000 gallons	\$3.68	\$3.68	\$3.68	1,000 gal.	-	Sep 01
Non-Residential Connection:						
1. 5/8" Meter:						
Monthly Minimum	\$32.16	\$32.16	\$32.16	LUE	-	Sep 01
Usage Charge	\$3.68	\$3.68	\$3.68	1,000 gal.	-	Sep 01
2. 3" Meter:						
Monthly Minimum	\$514.52	\$514.52	\$514.52	LUE	-	Sep 01
Usage Charge	\$3.68	\$3.68	\$3.68	1,000 gal.	-	Sep 01



Rates and Rate Structures

CALHOUN COUNTY RWS DIVISION	2021	2022	2023	Unit of Measure	% Change	Effective Date
Reconnect Fee/Trip Charge	\$70.00	\$70.00	\$70.00	connection	-	Sep 01
Call Out Trip Charge	\$250.00	\$250.00	\$250.00	occurrence	-	Sep 01
<u>Rural Water Distribution System:</u>						
1. 5/8" Meter:						
Connection Fees-New Connect, plus capital contrib. fee	\$1,000.00	\$1,000.00	\$1,000.00	connection	-	Sep 01
Connection Fees-Existing Connect, plus capital contrib. fee	\$355.00	\$355.00	\$355.00	connection	-	Sep 01
Capital Contribution Fees	\$1,200.00	\$1,200.00	\$1,200.00	connection	-	Sep 01
Monthly Water Fee: up to 2,000 gal	\$63.00	\$68.00	\$68.00	LUE	-	Sep 01
Water - Block Rate: 2,001-5,000 gal (base rate+usage)	\$6.05	\$6.05	\$6.05	1,000 gal.	-	Sep 01
Water - Block Rate: 5,001-15,000 gal (base rate+usage)	\$8.05	\$8.05	\$8.05	1,000 gal.	-	Sep 01
Water - Block Rate: 15,001-35,000 gal (base rate+usage)	\$12.05	\$12.05	\$12.05	1,000 gal.	-	Sep 01
Water - Block Rate: over 35,000 gal (base rate+usage)	\$14.05	\$14.05	\$14.05	1,000 gal.	-	Sep 01
Dry Tap Rate	\$50.90	\$55.90	\$55.90	month	-	Sep 01
2. 3/4" Meter:						
Connection Fees-New Connect, plus capital contrib. fee	\$1,000.00	\$1,000.00	\$1,000.00	connection	-	Sep 01
Connection Fees-Existing Connect, plus capital contrib. fee	\$385.00	\$385.00	\$385.00	connection	-	Sep 01
Capital Contribution Fees	\$2,300.00	\$2,300.00	\$2,300.00	connection	-	Sep 01
Monthly Water Fee: up to 3,000 gal	\$94.50	\$102.00	\$102.00	LUE	-	Sep 01
Water - Block Rate: 3,001-5,000 gal (base rate+usage)	\$6.05	\$6.05	\$6.05	1,000 gal.	-	Sep 01
Water - Block Rate: 5,001-15,000 gal (base rate+usage)	\$8.05	\$8.05	\$8.05	1,000 gal.	-	Sep 01
Water - Block Rate: 15,001-35,000 gal (base rate+usage)	\$12.05	\$12.05	\$12.05	1,000 gal.	-	Sep 01
Water - Block Rate: over 35,000 gal (base rate+usage)	\$14.05	\$14.05	\$14.05	1,000 gal.	-	Sep 01
Dry Tap Rate	\$76.35	\$83.85	\$83.85	LUE	-	Sep 01
3. 1" Meter:						
Connection Fees-New Connect, plus capital contrib. fee	\$1,300.00	\$1,300.00	\$1,300.00	connection	-	Sep 01
Connection Fees-Existing Connect, plus capital contrib. fee	\$465.00	\$465.00	\$465.00	connection	-	Sep 01
Capital Contribution Fees	\$3,100.00	\$3,100.00	\$3,100.00	connection	-	Sep 01
Monthly Water Fee: up to 4,000 gal	\$151.45	\$163.95	\$163.95	LUE	-	Sep 01
Water - Block Rate: 4,001-5,000 gal (base rate+usage)	\$6.05	\$6.05	\$6.05	1,000 gal.	-	Sep 01
Water - Block Rate: 5,001-15,000 gal (base rate+usage)	\$8.05	\$8.05	\$8.05	1,000 gal.	-	Sep 01
Water - Block Rate: 15,001-35,000 gal (base rate+usage)	\$12.05	\$12.05	\$12.05	1,000 gal.	-	Sep 01
Water - Block Rate: over 35,000 gal (base rate+usage)	\$14.05	\$14.05	\$14.05	1,000 gal.	-	Sep 01
Dry Tap Rate	\$127.25	\$139.75	\$139.75	LUE	-	Sep 01
4. 1- 1/2" Meter:						
Connection Fees-New Connect, plus capital contrib. fee	\$1,900.00	\$1,900.00	\$1,900.00	connection	-	Sep 01
Capital Contribution Fees	\$6,900.00	\$6,900.00	\$6,900.00	connection	-	Sep 01
Monthly Water Fee: up to 8,000 gal	\$308.90	\$333.90	\$333.90	LUE	-	Sep 01
Water - Block Rate: 8,001-15,000 gal (base rate+usage)	\$8.05	\$8.05	\$8.05	1,000 gal.	-	Sep 01
Water - Block Rate: 15,001-35,000 gal (base rate+usage)	\$12.05	\$12.05	\$12.05	1,000 gal.	-	Sep 01
Water - Block Rate: over 35,000 gal (base rate+usage)	\$14.05	\$14.05	\$14.05	1,000 gal.	-	Sep 01
Dry Tap Rate	\$254.50	\$279.50	\$279.50	LUE	-	Sep 01



Rates and Rate Structures

CALHOUN COUNTY RWS DIVISION (cont.)	2021	2022	2023	Unit of Measure	% Change	Effective Date
5. 2" Meter:						
Connection Fees-New Connect, plus capital contrib. fee	\$2,100.00	\$2,100.00	\$2,100.00	connection	-	Sep 01
Capital Contribution Fees	\$15,500.00	\$15,500.00	\$15,500.00	connection	-	Sep 01
Monthly Water Fee: up to 16,000 gal	\$530.00	\$570.00	\$570.00	LUE	-	Sep 01
Water - Block Rate: 16,001-35,000 gal (base rate+usage)	\$12.05	\$12.05	\$12.05	1,000 gal.	-	Sep 01
Water - Block Rate: over 35,000 gal (base rate+usage)	\$14.05	\$14.05	\$14.05	1,000 gal.	-	Sep 01
Dry Tap Rate	\$407.20	\$447.20	\$447.20	LUE	-	Sep 01
6. 3" Meter:						
Connection Fees-New Connect, plus capital contrib. fee	\$12,000.00	\$12,000.00	\$12,000.00	connection	-	Sep 01
Capital Contribution Fees	\$23,200.00	\$23,200.00	\$23,200.00	connection	-	Sep 01
Monthly Water Fee: up to 32,000 gal	\$1,079.10	\$1,154.10	\$1,154.10	LUE	-	Sep 01
Water - Block Rate: 32,001-35,000 gal (base rate+usage)	\$12.05	\$12.05	\$12.05	1,000 gal.	-	Sep 01
Water - Block Rate: over 35,000 gal (base rate+usage)	\$14.05	\$14.05	\$14.05	1,000 gal.	-	Sep 01
Dry Tap Rate	\$763.50	\$838.50	\$838.50	LUE	-	Sep 01
Crestview Subdivision:						
Residential: Monthly Sewer Fees	\$75.00	\$75.00	\$75.00	LUE	-	Sep 01
Residential: New Connection	@ cost	@ cost	@ cost			Sep 01
Residential: Reactivate Connection	\$225.00	\$225.00	\$225.00	connection	-	Sep 01
Multi-family/2 Units: Monthly Sewer Fees	\$112.50	\$112.50	\$112.50	month	-	Sep 01
Multi-family/2 Units: New Connection	@ cost	@ cost	@ cost			Sep 01
Multi-family/2 Units: Reactivate Connection	\$337.50	\$337.50	\$337.50	connection	-	Sep 01

COLETO CREEK RECREATION SYSTEM	2021	2022	2023	Unit of Measure	% Change	Effective Date
Day Use Entrance Permit	\$17.00	\$17.00	\$17.00	4 people	-	Sep 01
Individual Passes	\$5.00	\$5.00	\$5.00	day	-	Sep 01
Annual Permit	\$250.00	\$250.00	\$250.00	permit	-	Sep 01
Replacement Annual Permit	\$5.00	\$5.00	\$5.00	permit	-	Sep 01
Camping Fee	\$50.00	\$50.00	\$50.00	night	-	Sep 01
Camping Fee Premium Sites	\$55.00	\$55.00	\$55.00	night	-	Sep 01
Overflow Camping	\$28.00	\$28.00	\$28.00	night	-	Sep 01
Camping Extra Vehicle Charge	\$17.00	\$17.00	\$17.00	night	-	Sep 01
Camping Fee (Weekly: 10/1-3/31)	\$200.00	\$200.00	\$200.00	7 nights	-	Sep 01
Camping Fee (Monthly: 10/1-3/31)	\$475.00	\$475.00	\$475.00	30 nights	-	Sep 01
Senior Citizens Camping (10/1-3/31)	\$30.00	\$30.00	\$30.00	night	-	Sep 01
Primitive Camping	\$28.00	\$28.00	\$28.00	night	-	Sep 01
Monthly Parking Pass (1/couple: 10/1-3/31)	\$45.00	\$45.00	\$45.00	30 nights	-	Sep 01
Holding Tank Pumpout Fee	\$20.00	\$20.00	\$20.00	pump out	-	Sep 01
Cabin Rental (Small Units)	\$90.00	\$90.00	\$90.00	night	-	Sep 01
Cabin Rental (Large Units)	\$110.00	\$110.00	\$110.00	night	-	Sep 01
Group Picnic Shelter "C" (enclosed)	\$100.00	\$100.00	\$100.00	day	-	Sep 01
Group Picnic Shelter "D"	\$75.00	\$75.00	\$75.00	day	-	Sep 01
Holiday Upcharge on all rentals: Easter, Memorial Day, July 4th, Labor	\$10.00	\$10.00	\$10.00	additional chg/night	-	Sep 01



Fiscal Year 2023 Budget

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Rates and Rate Structures

COLETO CREEK RECREATION SYSTEM	6200	6200	6200	Unit of Measure	% Change	Effective Date
Boat/Trailer Storage	\$45.00	\$45.00	\$45.00	30 days	-	Sep 01
Type I Lease (Minimum Annual Fee)	\$310.00	\$310.00	\$310.00	year	-	Sep 01
Type II Lease (Minimum Annual Fee)	\$0.50	\$0.50	\$0.50	linear foot	-	Sep 01
Lease Modification Permit	\$100.00	\$100.00	\$100.00	permit	-	Sep 01
Lake Wood Common Area (Boat Channel)	\$80.00	\$80.00	\$80.00	lot/yr	-	Sep 01
Lake Wood Homeowners Park (off lake)	\$45.00	\$45.00	\$45.00	lot/yr	-	Sep 01
Twin Lake Homeowners Park (off lake)	\$70.00	\$70.00	\$70.00	lot/yr	-	Sep 01
Agricultural Leases up to 5 acres	\$50.00	\$50.00	\$50.00	minimum/yr	-	Sep 01
Over 5 Acres: Minimum + Acreage Rate	\$15.00	\$15.00	\$15.00	acre	-	Sep 01
Bowhunting Fee (weekend)	\$185.00	\$185.00	\$185.00	hunter	-	Sep 01
Photo Blind Use Fee	\$35.00	\$35.00	\$35.00	day/blind	-	Sep 01
Photo Blind Use Fee	\$80.00	\$80.00	\$80.00	3 days	-	Sep 01

LULING WTP DIVISION	2021	2022	2023	Unit of Measure	% Change	Effective Date
Water Treatment Plant Charge	\$1.907	\$1.843	\$2.014	1,000 gal.	9%	Sep 01
Treated Water Delivery System O&M Charge	\$0.514	\$0.595	\$0.678	1,000 gal.	14%	Sep 01
City of Luling Capacity Charge (WTP, Zedler Mill), pass-through	\$0.150	\$0.150	\$0.150	1,000 gal.	-	Sep 01

CANYON HYDROELECTRIC DIVISION	2021	2022	2023	Unit of Measure	% Change	Effective Date
Energy Charge	\$0.0133	\$0.0133	\$0.0133	kWh	-	Sep 01

LOCKHART DIVISION	2021	2022	2023	Unit of Measure	% Change	Effective Date
Septic Tank Waste	\$72.00	\$79.00	\$79.00	1,000 gal.	-	Sep 01
Chemical Toilet Waste	N/A	\$250.00	\$250.00	1,000 gal.	-	Sep 01
Hauler Annual Permit Fee	\$150.00	\$150.00	\$150.00	permit	-	Sep 01

Note: Rate changes for new fiscal year are highlighted; % change is between most recent two years.

Debt Information

The issuance of long-term debt requires that GBRA retain the services of outside professionals to assist with the administrative responsibilities accompanying the issuance of the debt. These professionals are chosen to ensure compliance with legal requirements and reduce total financing costs. These professionals will normally include a financial advisor, bond counsel, trustee, underwriter, rating agency and paying agent. Other professionals, which are retained depending on the magnitude and complexity of the issue, include general counsel, underwriter counsel and bond insurer. The following table displays the financing team structure and current outside financial professionals engaged by GBRA:

Financing Team
<ul style="list-style-type: none"> Financial Advisors <i>Specialized Public Finance</i> <i>Hilltop Securities</i> General Counsel Paying Agent/Registrar Bond Counsel Underwriter Counsel Rating Agency <i>Moody's and S&P</i> Bond Insurer

The funding of infrastructure or other capital improvement projects is derived from both equity and debt sources. That funding which is provided through equity includes revenue received from customers as well as contributions from developers. Capital improvement funding, which is provided from debt, includes short-term bank loans as well as the issuance of longer-term contract revenue bonds. GBRA does not have the power of taxation nor does it derive any of its revenues from taxes; therefore, it issues no general obligation bonds.

A summary of the projected August 31, 2023 balance for GBRA's current debt is shown on the following pages.



Fiscal Year 2023 Budget

flowing solutions

Debt Obligations – Summary Table

Series	Date of Issue	Final Maturity	Effective Interest Rate	Original Amount	Outstanding 8/31/2021
OBLIGATIONS PAYABLE DIRECTLY BY GBRA					
GUADALUPE VALLEY HYDROELECTRIC DIVISION					
Lake Placid Dam Contract Revenue Bonds, 2021 *	06/18/2021	2050	0.60-2.07%	\$ 1,560,000	\$ 1,560,000
RURAL UTILITIES DIVISION					
Regions Loan, Stein Falls Collection System-033 *	03/15/2012	2032	3.34%	2,600,000	1,760,000
General Improvement Revenue Bonds, 2021 Stein Falls	10/06/2021	2051	4.00%	21,400,000	--
General Improvement Revenue Bonds, 2021 Dietz	10/06/2021	2051	4.00%	6,515,000	--
WATER RESOURCE DIVISION					
U. S. Government Loan *	01/01/1977	2026	2.5%	8,979,862	1,435,051
General Improvement Revenue Bonds, 2012 *	04/05/2012	2031	0.14-1.86%	4,400,000	2,390,000
General Improvement Revenue Bonds, 2015 *	11/15/2015	2035	1.83-3.17%	2,000,000	2,000,000
General Improvement Revenue Refunding Bonds, 2020	08/18/2020	2030	2.0-3.0%	5,300,000	5,300,000
General Improvement Revenue Refunding Bonds, 2022	05/24/2022	2052	2.6-4.0%	9,810,000	--
Total Obligations Payable Directly by GBRA				\$ 62,564,862	\$ 14,445,051
CONTRACT REVENUE BONDS AND LOANS					
GUADALUPE VALLEY HYDROELECTRIC DIVISION					
Lake Dunlap Dam Contract Revenue Bonds, 2021 *	01/14/2021	2050	0.0-0.29%	\$ 40,000,000	\$ 40,000,000
Lake McQueeney Dam Contract Revenue Bonds, 2021 *	12/08/2021	2051	0.60-2.13%	40,000,000	--
Lake Placid Dam Contract Revenue Bonds, 2022 *	02/10/2022	2051	0.60-2.13%	30,935,000	--
WATER RESOURCE DIVISION					
RRWDS Combination Contract Revenue Bonds 2007B	09/15/2007	2039	7.10%	5,775,000	4,680,000
RRWDS Contract Rev Ref Bonds, San Marcos 2010	08/01/2010	2024	2.0-3.25%	\$6,895,000	1,765,000
IH35 Project Combination Contract Revenue Bonds 2013	04/17/2013	2037	2.0-5.0%	19,470,000	14,305,000
San Marcos Water Treatment Plant Revenue Bonds 2016	11/22/2016	2036	2.0-5.0%	4,850,000	4,470,000
RRWDS Contract Revenue Refunding Bonds 2017	07/20/2017	2039	2.0-4.0%	7,745,000	6,700,000
Western Canyon Contract Revenue Refunding Bonds 2020	10/15/2020	2036	2.83-2.534%	55,540,000	52,530,000
Carrizo General Contract Revenue Bonds, 2018A *	11/15/2018	2048	2.41-4.28%	12,030,000	12,030,000
Carrizo General Contract Revenue Bonds, 2018B *	11/15/2018	2048	1.89-3.52%	11,895,000	11,895,000
Carrizo TWDB Master Repurchase Agreement, 2018 *	11/15/2018	2053	3.95-4.36%	34,285,000	34,285,000
Carrizo General Contract Revenue Bonds, 2019 *	11/01/2019	2049	1.10-2.77%	9,740,000	9,740,000
Carrizo TWDB Master Repurchase Agreement, 2019 *	11/01/2019	2054	3.27-3.46%	30,260,000	30,260,000
Carrizo General Contract Revenue Bonds, 2020 *	11/17/2020	2050	0.22-2.51%	34,900,000	34,900,000
Carrizo TWDB Master Repurchase Agreement, 2020 *	11/17/2020	2055	2.40-3.09%	7,595,000	7,595,000
Carrizo General Contract Revenue Bonds, 2021 *	11/18/2021	2051	0.31-2.75%	59,135,000	--
Carrizo TWDB Master Repurchase Agreement, 2021 *	11/18/2021	2056	2.65-3.27%	13,115,000	--
PORT LAVACA WATER TREATMENT PLANT DIVISION					
Frost National Bank, Clearwell *	03/04/2008	2022	4.00%	400,000	29,860
LULING WATER TREATMENT PLANT DIVISION					
Treated Water Delivery System Contract Revenue Refunding Bonds (City of Lockhart) 2014	02/26/2014	2030	2.45%	4,950,000	3,110,000
Total Contract Revenue Bonds and Loans				\$429,515,000	\$ 268,294,860
Total Bonds & Loans Payable Prior to Defeasance and Accretion of Interest					\$282,739,911
* Direct Borrowing or Direct Placement Issue					

Debt Obligations – Summary Table

Series	Additions During FY 2022	Retired During FY 2022	Outstanding 8/31/2022	Additions During FY 2023	Retired During FY 2023	Outstanding 8/31/2023	Amounts Due Within One Year
OBLIGATIONS PAYABLE DIRECTLY BY GBRA							
GUADALUPE VALLEY HYDROELECTRIC DIVISION							
Lake Placid Dam Contract Revenue Bonds, 2021 *	\$ --	\$ --	\$ 1,560,000	\$ --	\$ --	\$ 1,560,000	\$ 50,000
RURAL UTILITIES DIVISION							
Regions Loan, Stein Falls Collection System-033 *	--	120,000	1,640,000	--	125,000	1,515,000	130,000
General Improvement Revenue Bonds, 2021 Stein Falls	21,400,000	--	21,400,000	--	--	21,400,000	--
General Improvement Revenue Bonds, 2021 Dietz	6,515,000	--	6,515,000	--	--	6,515,000	--
WATER RESOURCE DIVISION							
U. S. Government Loan *	--	273,014	1,162,037	--	279,839	882,198	286,835
General Improvement Revenue Bonds, 2012 *	--	225,000	2,165,000	--	230,000	1,935,000	230,000
General Improvement Revenue Bonds, 2015 *	--	--	2,000,000	--	--	2,000,000	145,000
General Improvement Revenue Refunding Bonds, 2020	--	505,000	4,795,000	--	710,000	4,085,000	725,000
General Improvement Revenue Refunding Bonds, 2022	9,810,000	--	9,810,000	--	--	9,810,000	--
Total Obligations Payable Directly by GBRA	\$ 37,725,000	\$ 1,123,014	\$ 51,047,037	\$ --	\$ 1,344,839	\$ 49,702,198	\$ 1,566,835
CONTRACT REVENUE BONDS AND LOANS							
GUADALUPE VALLEY HYDROELECTRIC DIVISION							
Lake Dunlap Dam Contract Revenue Bonds, 2021 *	\$ --	\$ --	\$ 40,000,000	\$ --	\$ 1,420,000	\$ 38,580,000	\$ 1,420,000
Lake McQueeney Dam Contract Revenue Bonds, 2021 *	40,000,000	--	40,000,000	--	--	40,000,000	1,260,000
Lake Placid Dam Contract Revenue Bonds, 2022 *	30,935,000	--	30,935,000	--	940,000	29,995,000	945,000
WATER RESOURCE DIVISION							
RRWDS Combination Contract Revenue Bonds 2007B	--	135,000	4,545,000	--	145,000	4,400,000	155,000
RRWDS Contract Rev Ref Bonds, San Marcos 2010	--	565,000	1,200,000	--	585,000	615,000	615,000
IH35 Project Combination Contract Revenue Bonds 2013	--	660,000	13,645,000	--	690,000	12,955,000	730,000
San Marcos Water Treatment Plant Revenue Bonds 2016	--	95,000	4,375,000	--	100,000	4,275,000	110,000
RRWDS Contract Revenue Refunding Bonds 2017	--	270,000	6,430,000	--	275,000	6,155,000	290,000
Western Canyon Contract Revenue Refunding Bonds 2020	--	4,005,000	48,525,000	--	4,020,000	44,505,000	4,045,000
Carrizo General Contract Revenue Bonds, 2018A *	--	--	12,030,000	--	--	12,030,000	265,000
Carrizo General Contract Revenue Bonds, 2018B *	--	--	11,895,000	--	320,000	11,575,000	335,000
Carrizo TWDB Master Repurchase Agreement, 2018 *	--	--	34,285,000	--	--	34,285,000	--
Carrizo General Contract Revenue Bonds, 2019 *	--	--	9,740,000	--	--	9,740,000	295,000
Carrizo TWDB Master Repurchase Agreement, 2019 *	--	--	30,260,000	--	--	30,260,000	--
Carrizo General Contract Revenue Bonds, 2020 *	--	--	34,900,000	--	--	34,900,000	1,085,000
Carrizo TWDB Master Repurchase Agreement, 2020 *	--	--	7,595,000	--	--	7,595,000	--
Carrizo General Contract Revenue Bonds, 2021 *	59,135,000	--	59,135,000	--	--	59,135,000	1,765,000
Carrizo TWDB Master Repurchase Agreement, 2021 *	13,115,000	--	13,115,000	--	--	13,115,000	--
PORT LAVACA WATER TREATMENT PLANT DIVISION							
Frost National Bank, Clearwell *	--	29,860	--	--	--	--	--
LULING WATER TREATMENT PLANT DIVISION							
Treated Water Delivery System Contract Revenue Refunding Bonds (City of Lockhart) 2014	--	300,000	2,810,000	--	310,000	2,500,000	320,000
Total Contract Revenue Bonds and Loans	\$143,185,000	\$ 6,059,860	\$ 405,420,000	\$ --	\$ 8,805,000	\$ 396,615,000	\$ 13,635,000
Total Bonds & Loans Payable Prior to Defeasance and Accretion of Interest			\$456,467,037			\$446,317,198	\$15,201,835

* Direct Borrowing or Direct Placement Issue

Debt Obligations – Amortization Schedules

CONTRACT REVENUE BONDS, SERIES 2021 LAKE PLACID DAM FACILITIES PROJECT

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2022	\$ --	\$19,459	\$19,459
2023	--	19,459	19,459
2024	50,000	19,459	69,459
2025	50,000	19,159	69,159
2026	50,000	18,859	68,859
2027	50,000	18,559	68,559
2028	55,000	18,259	73,259
2029	55,000	17,929	72,929
2030	55,000	17,599	72,599
2031	55,000	17,269	72,269
2032	55,000	16,939	71,939
2033	55,000	16,609	71,609
2034	55,000	16,279	71,279
2035	55,000	15,938	70,938
2036	55,000	15,492	70,492
2037	55,000	14,953	69,953
2038	55,000	14,326	69,326
2039	55,000	13,628	68,628
2040	60,000	12,869	72,869
2041	60,000	11,975	71,975
2042	60,000	11,027	71,027
2043	60,000	10,025	70,025
2044	60,000	8,981	68,981
2045	65,000	7,895	72,895
2046	65,000	6,679	71,679
2047	65,000	5,438	70,438
2048	65,000	4,164	69,164
2049	70,000	2,870	72,870
2050	70,000	1,449	71,449
	<u>\$1,560,000</u>	<u>\$393,546</u>	<u>\$1,953,546</u>

STEIN FALLS WASTEWATER TREATMENT PLANT AMORTIZATION SCHEDULE FOR REGIONS BANK

YR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2023	\$125,000	\$52,689	\$177,689
2024	130,000	48,430	178,430
2025	135,000	44,004	179,004
2026	140,000	39,412	179,412
2027	145,000	34,653	179,653
2028	145,000	29,809	174,809
2029	150,000	24,883	174,883
2030	160,000	19,706	179,706
2031	165,000	14,278	179,278
2032	170,000	8,683	178,683
2033	175,000	2,923	177,923
	<u>\$1,640,000</u>	<u>\$319,470</u>	<u>\$1,959,470</u>

Debt Obligations – Amortization Schedules

GENERAL IMPROVEMENT REVENUE BONDS, SERIES 2021 STEIN FALLS & DIETZ WASTEWATER COLLECTION PROJECT

YREND AUG 31	STEIN FALLS WW COLLECTION			DIETZ WW COLLECTION			TOTAL REQ's
	PRINCIPAL	INTEREST	TOTAL	PRINCIPAL	INTEREST	TOTAL	
2023	\$ --	\$856,000	\$856,000	\$ --	\$260,600	\$260,600	\$1,116,600
2024	--	856,000	856,000	--	260,600	260,600	1,116,600
2025	455,000	856,000	1,311,000	140,000	260,600	400,600	1,711,600
2026	475,000	837,800	1,312,800	145,000	255,000	400,000	1,712,800
2027	490,000	818,800	1,308,800	150,000	249,200	399,200	1,708,000
2028	510,000	799,200	1,309,200	155,000	243,200	398,200	1,707,400
2029	530,000	778,800	1,308,800	160,000	237,000	397,000	1,705,800
2030	555,000	757,600	1,312,600	170,000	230,600	400,600	1,713,200
2031	575,000	735,400	1,310,400	175,000	223,800	398,800	1,709,200
2032	600,000	712,400	1,312,400	180,000	216,800	396,800	1,709,200
2033	620,000	688,400	1,308,400	190,000	209,600	399,600	1,708,000
2034	645,000	663,600	1,308,600	195,000	202,000	397,000	1,705,600
2035	675,000	637,800	1,312,800	205,000	194,200	399,200	1,712,000
2036	700,000	610,800	1,310,800	215,000	186,000	401,000	1,711,800
2037	730,000	582,800	1,312,800	220,000	177,400	397,400	1,710,200
2038	755,000	553,600	1,308,600	230,000	168,600	398,600	1,707,200
2039	785,000	523,400	1,308,400	240,000	159,400	399,400	1,707,800
2040	820,000	492,000	1,312,000	250,000	149,800	399,800	1,711,800
2041	850,000	459,200	1,309,200	260,000	139,800	399,800	1,709,000
2042	885,000	425,200	1,310,200	270,000	129,400	399,400	1,709,600
2043	920,000	389,800	1,309,800	280,000	118,600	398,600	1,708,400
2044	960,000	353,000	1,313,000	290,000	107,400	397,400	1,710,400
2045	995,000	314,600	1,309,600	305,000	95,800	400,800	1,710,400
2046	1,035,000	274,800	1,309,800	315,000	83,600	398,600	1,708,400
2047	1,080,000	233,400	1,313,400	325,000	71,000	396,000	1,709,400
2048	1,120,000	190,200	1,310,200	340,000	58,000	398,000	1,708,200
2049	1,165,000	145,400	1,310,400	355,000	44,400	399,400	1,709,800
2050	1,210,000	98,800	1,308,800	370,000	30,200	400,200	1,709,000
2051	1,260,000	50,400	1,310,400	385,000	15,400	400,400	1,710,800
	\$21,400,000	\$15,695,200	\$37,095,200	\$6,515,000	\$4,778,000	\$11,293,000	\$48,388,200

CANYON DAM AND RESERVOIR SCHEDULE AMORTIZATION SCHEDULE FOR U.S. GOVERNMENT LOAN

YR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2023	\$279,839	\$29,051	\$308,890
2024	286,835	22,055	308,890
2025	294,006	14,884	308,890
2026	301,357	7,532	308,890
	<u>\$1,162,037</u>	<u>\$73,522</u>	<u>\$1,235,560</u>

Debt Obligations – Amortization Schedules

MID-BASIN PROJECT, GENERAL IMPROVEMENT REVENUE BONDS, SERIES 2012

YR END AUG 31	PRINCIPAL	INTEREST	TOTAL REQ's
2023	\$230,000	\$31,985	\$261,985
2024	230,000	29,593	259,593
2025	235,000	26,971	261,971
2026	235,000	24,128	259,128
2027	240,000	21,002	261,002
2028	245,000	17,522	262,522
2029	245,000	13,210	258,210
2030	250,000	9,143	259,143
2031	255,000	4,743	259,743
	<u>\$2,165,000</u>	<u>\$178,297</u>	<u>\$2,343,297</u>

GENERAL IMPROVEMENT REVENUE BONDS, SERIES 2015 IWPP PROJECT, SWIRF FUNDS

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2023	\$ --	\$ --	\$ --
2024	145,000	58,295	203,295
2025	145,000	55,267	200,267
2026	150,000	52,080	202,080
2027	155,000	48,404	203,404
2028	160,000	44,294	204,294
2029	160,000	39,789	199,789
2030	165,000	35,096	200,096
2031	170,000	30,075	200,075
2032	180,000	24,747	204,747
2033	185,000	18,969	203,969
2034	190,000	12,916	202,916
2035	195,000	6,591	201,591
	<u>\$2,000,000</u>	<u>\$426,523</u>	<u>\$2,426,523</u>

Debt Obligations – Amortization Schedules

GENERAL IMPROVEMENT REVENUE REFUNDING BONDS, SERIES 2020

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2023	\$710,000	\$122,150	\$832,150
2024	725,000	107,950	832,950
2025	735,000	93,450	828,450
2026	750,000	78,750	828,750
2027	780,000	56,250	836,250
2028	490,000	32,850	522,850
2029	500,000	18,150	518,150
2030	105,000	3,150	108,150
	<u>\$4,795,000</u>	<u>\$512,700</u>	<u>\$5,307,700</u>

GENERAL IMPROVEMENT REVENUE BONDS, SERIES 2022 NEW BRAUNFELS OFFICE CONSTRUCTION PROJECT

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2023	\$ --	\$556,870	\$556,870
2024	--	454,588	454,588
2025	155,000	454,588	609,588
2026	165,000	444,513	609,513
2027	175,000	433,787	608,788
2028	190,000	422,413	612,413
2029	200,000	410,063	610,063
2030	215,000	397,063	612,063
2031	225,000	383,088	608,088
2032	240,000	368,463	608,463
2033	260,000	352,863	612,863
2034	275,000	335,963	610,963
2035	290,000	318,088	608,088
2036	310,000	299,238	609,238
2037	325,000	286,063	611,063
2038	340,000	272,250	612,250
2039	355,000	257,800	612,800
2040	365,000	243,600	608,600
2041	380,000	229,000	609,000
2042	395,000	213,800	608,800
2043	410,000	198,000	608,000
2044	430,000	181,600	611,600
2045	445,000	164,400	609,400
2046	465,000	146,600	611,600
2047	485,000	128,000	613,000
2048	500,000	108,600	608,600
2049	520,000	88,600	608,600
2050	545,000	67,800	612,800
2051	565,000	46,000	611,000
2052	585,000	23,400	608,400
	<u>\$9,810,000</u>	<u>\$8,287,101</u>	<u>\$18,097,102</u>

Debt Obligations – Amortization Schedules

CONTRACT REVENUE BONDS, SERIES 2021 LAKE DUNLAP DAM FACILITIES PROJECT

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2023	\$1,420,000	\$33,649	\$1,453,649
2024	1,420,000	33,649	1,453,649
2025	1,420,000	33,649	1,453,649
2026	1,425,000	33,649	1,458,649
2027	1,425,000	33,649	1,458,649
2028	1,425,000	33,649	1,458,649
2029	1,425,000	33,649	1,458,649
2030	1,425,000	33,649	1,458,649
2031	1,425,000	33,649	1,458,649
2032	1,425,000	33,649	1,458,649
2033	1,425,000	33,649	1,458,649
2034	1,425,000	33,649	1,458,649
2035	1,425,000	33,649	1,458,649
2036	1,425,000	33,649	1,458,649
2037	1,425,000	33,649	1,458,649
2038	1,425,000	33,649	1,458,649
2039	1,425,000	33,649	1,458,649
2040	1,425,000	33,222	1,458,222
2041	1,425,000	32,224	1,457,224
2042	1,425,000	30,657	1,455,657
2043	1,430,000	28,519	1,458,519
2044	1,430,000	25,945	1,455,945
2045	1,435,000	22,942	1,457,942
2046	1,435,000	19,498	1,454,498
2047	1,440,000	15,911	1,455,911
2048	1,445,000	12,167	1,457,167
2049	1,450,000	8,265	1,458,265
2050	1,450,000	4,205	1,454,205
	<u>\$40,000,000</u>	<u>\$805,588</u>	<u>\$40,805,588</u>

Debt Obligations – Amortization Schedules

CONTRACT REVENUE BONDS, SERIES 2021 LAKE McQUEENEY DAM FACILITIES PROJECT

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2023	\$ --	\$523,050	\$ 523,050
2024	1,260,000	523,050	1,783,050
2025	1,265,000	515,490	1,780,490
2026	1,275,000	507,900	1,782,900
2027	1,280,000	500,250	1,780,250
2028	1,290,000	492,570	1,782,570
2029	1,295,000	484,830	1,779,830
2030	1,305,000	477,060	1,782,060
2031	1,315,000	469,230	1,784,230
2032	1,320,000	461,340	1,781,340
2033	1,330,000	453,420	1,783,420
2034	1,335,000	445,440	1,780,440
2035	1,345,000	436,228	1,781,228
2036	1,355,000	424,527	1,779,527
2037	1,370,000	410,570	1,780,570
2038	1,390,000	394,541	1,784,541
2039	1,405,000	376,610	1,781,610
2040	1,425,000	356,940	1,781,940
2041	1,445,000	335,423	1,780,423
2042	1,470,000	312,158	1,782,158
2043	1,495,000	287,315	1,782,315
2044	1,520,000	261,003	1,781,003
2045	1,550,000	233,187	1,783,187
2046	1,580,000	203,892	1,783,892
2047	1,610,000	173,082	1,783,082
2048	1,640,000	141,043	1,781,043
2049	1,675,000	107,751	1,782,751
2050	1,710,000	73,079	1,783,079
2051	1,745,000	37,169	1,782,169
	\$40,000,000	\$10,418,148	\$50,418,148

Debt Obligations – Amortization Schedules

CONTRACT REVENUE BONDS, SERIES 2022 LAKE PLACID DAM FACILITIES PROJECT

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2023	\$940,000	\$391,276	\$1,331,276
2024	945,000	385,636	1,330,636
2025	950,000	379,966	1,329,966
2026	960,000	374,266	1,334,266
2027	965,000	368,506	1,333,506
2028	970,000	362,716	1,332,716
2029	975,000	356,896	1,331,896
2030	980,000	351,046	1,331,046
2031	985,000	345,166	1,330,166
2032	995,000	339,256	1,334,256
2033	1,000,000	333,286	1,333,286
2034	1,005,000	327,286	1,332,286
2035	1,010,000	321,256	1,331,256
2036	1,020,000	313,681	1,333,681
2037	1,030,000	304,093	1,334,093
2038	1,040,000	292,660	1,332,660
2039	1,055,000	279,764	1,334,764
2040	1,065,000	265,416	1,330,416
2041	1,085,000	249,760	1,334,760
2042	1,100,000	232,726	1,332,726
2043	1,120,000	214,356	1,334,356
2044	1,135,000	194,756	1,329,756
2045	1,160,000	174,099	1,334,099
2046	1,180,000	152,291	1,332,291
2047	1,205,000	129,399	1,334,399
2048	1,225,000	105,419	1,330,419
2049	1,250,000	80,552	1,330,552
2050	1,280,000	54,677	1,334,677
2051	1,305,000	27,797	1,332,797
	<u>\$30,935,000</u>	<u>\$7,708,004</u>	<u>\$38,643,004</u>

**COMBINATION CONTRACT REVENUE BONDS, SUBORDINATE
SERIES 2007B AND 2017**

**WATER RESOURCES DIVISION REVENUE, AND SURPLUS WATER PROJECT
REVENUE BONDS (RRWDS PROJECT) AMORTIZATION SCHEDULE**

YREND AUG 31	TAXABLE SERIES 2007B BONDS			SERIES 2017 BONDS			TOTAL REQ's
	PRINCIPAL	INTEREST	2007B TOTAL	PRINCIPAL	INTEREST	2017 TOTAL	
2023	\$145,000	\$321,685	\$466,685	\$275,000	\$228,231	\$503,231	\$969,916
2024	155,000	311,433	466,433	290,000	217,231	507,231	973,664
2025	170,000	300,475	470,475	295,000	205,631	500,631	971,106
2026	180,000	288,456	468,456	310,000	193,831	503,831	972,287
2027	195,000	275,730	470,730	320,000	181,431	501,431	972,161
2028	205,000	261,943	466,943	330,000	168,631	498,631	965,574
2029	220,000	247,450	467,450	350,000	155,431	505,431	972,881
2030	235,000	231,896	466,896	360,000	141,431	501,431	968,327
2031	255,000	215,282	470,282	375,000	127,031	502,031	972,313
2032	270,000	197,253	467,253	395,000	112,031	507,031	974,284
2033	290,000	178,164	468,164	410,000	96,231	506,231	974,395
2034	310,000	157,661	467,661	420,000	89,931	503,931	971,592
2035	335,000	135,744	470,744	435,000	71,331	506,331	977,075
2036	355,000	112,060	467,060	445,000	58,281	503,281	970,341
2037	380,000	86,961	466,961	460,000	44,375	504,375	971,336
2038	410,000	60,095	470,095	470,000	30,000	500,000	970,095
2039	435,000	31,107	471,107	490,000	15,313	505,313	976,420
	<u>\$4,545,000</u>	<u>\$3,413,395</u>	<u>\$7,963,395</u>	<u>\$6,430,000</u>	<u>\$2,136,372</u>	<u>\$8,560,372</u>	<u>\$16,523,767</u>

**REGIONAL RAW WATER DELIVERY SYSTEM
CONTRACT REVENUE REFUNDING BONDS, SERIES 2010
(CITY OF SAN MARCOS, TEXAS PORTION)**

YR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2024	\$585,000	\$29,128	\$614,128
2025	615,000	9,994	624,994
	<u>\$1,200,000</u>	<u>\$39,122</u>	<u>\$1,239,122</u>

** The principal and related interest are due September 1, but are paid by August 31 in the prior fiscal year*

Debt Obligations – Amortization Schedules

CONTRACT REVENUE BONDS, SERIES 2013 IH 35 TREATED WATER DELIVERY SYSTEM PROJECT

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2023	\$690,000	\$505,769	\$1,195,769
2024	730,000	471,269	1,201,269
2025	765,000	434,769	1,199,769
2026	785,000	411,819	1,196,819
2027	810,000	387,288	1,197,288
2028	840,000	360,963	1,200,963
2029	865,000	332,613	1,197,613
2030	900,000	301,256	1,201,256
2031	930,000	268,631	1,198,631
2032	965,000	234,919	1,199,919
2033	1,000,000	199,938	1,199,938
2034	1,035,000	163,688	1,198,688
2035	1,070,000	124,875	1,194,875
2036	1,110,000	84,750	1,194,750
2037	1,150,000	43,121	1,193,121
	<u>\$13,645,000</u>	<u>\$4,325,668</u>	<u>\$17,970,668</u>

CONTRACT REVENUE BONDS, SERIES 2016 SAN MARCOS WTP PROJECT AMORTIZATION SCHEDULE

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2023	\$100,000	\$164,231	\$264,231
2024	110,000	161,231	271,231
2025	110,000	158,481	268,481
2026	110,000	155,181	265,181
2027	115,000	151,881	266,881
2028	120,000	149,006	269,006
2029	120,000	146,006	266,006
2030	125,000	142,406	267,406
2031	510,000	138,656	648,656
2032	540,000	113,156	653,156
2033	570,000	86,156	656,156
2034	595,000	57,656	652,656
2035	615,000	39,063	654,063
2036	635,000	19,844	654,844
	<u>\$4,375,000</u>	<u>\$1,682,954</u>	<u>\$6,057,954</u>

Debt Obligations – Amortization Schedules

CONTRACT REVENUE BONDS, SERIES 2020
WESTERN CANYON REGIONAL WATER SUPPLY PROJECT

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2023	\$4,020,000	\$749,215	\$4,769,215
2024	4,045,000	728,271	4,773,271
2025	4,080,000	694,900	4,774,900
2026	4,115,000	654,304	4,769,304
2027	4,170,000	606,158	4,776,158
2028	4,225,000	547,361	4,772,361
2029	4,295,000	477,522	4,772,522
2030	4,370,000	402,231	4,772,231
2031	4,450,000	320,381	4,770,381
2032	4,540,000	233,561	4,773,561
2033	4,625,000	138,902	4,763,902
2034	520,000	38,170	558,170
2035	530,000	26,314	556,314
2036	540,000	13,684	553,684
	\$48,525,000	\$5,630,974	\$54,155,974

Debt Obligations – Amortization Schedules

TWDB SWIRFT FUNDS - 2018 CARRIZO GROUNDWATER SUPPLY PROJECT

YR END AUG 31	2018A DEFERRED FINANCING			2018B LOW INTEREST FINANCING			2018 MASTER REPURCHASE AGREEMENT		
	PRINC	INT	TOTAL	PRINC	INT	TOTAL	PRINC	INT	TOTAL
2023	\$ --	\$ --	\$ --	\$320,000	\$359,261	\$679,261	\$ --	\$1,446,369	\$1,446,369
2024	265,000	506,714	771,714	335,000	353,213	688,213	--	1,446,369	1,446,369
2025	330,000	444,026	774,026	340,000	346,580	686,580	--	1,446,369	1,446,369
2026	335,000	435,677	770,677	345,000	339,508	684,508	--	1,446,369	1,446,369
2027	350,000	426,800	776,800	350,000	331,984	681,987	--	1,446,369	1,446,369
2028	350,000	417,175	767,175	365,000	324,077	689,077	--	1,446,369	1,446,369
2029	370,000	407,340	777,340	365,000	315,646	680,646	--	1,446,369	1,446,369
2030	375,000	396,314	771,314	375,000	306,703	681,703	--	1,446,369	1,446,369
2031	385,000	384,426	769,426	390,000	296,953	686,953	--	1,446,369	1,446,369
2032	395,000	371,529	766,529	395,000	286,228	681,228	--	1,446,369	1,446,369
2033	410,000	357,664	767,664	405,000	274,852	679,852	--	1,446,369	1,446,369
2034	425,000	342,863	767,863	420,000	262,824	682,824	--	1,446,369	1,446,369
2035	445,000	327,181	772,181	430,000	250,098	680,098	--	1,446,369	1,446,369
2036	455,000	310,449	765,449	445,000	236,811	681,811	--	1,446,369	1,446,369
2037	475,000	293,068	768,068	460,000	222,838	682,838	--	1,446,369	1,446,369
2038	490,000	274,733	764,733	475,000	208,256	683,256	--	1,446,369	1,446,369
2039	515,000	255,133	770,133	490,000	192,628	682,628	1,695,000	1,446,369	3,141,369
2040	530,000	234,790	764,790	505,000	176,752	681,752	1,760,000	1,379,417	3,139,417
2041	555,000	213,855	768,855	520,000	160,390	680,390	1,835,000	1,309,897	3,144,897
2042	575,000	191,933	766,933	535,000	143,542	678,542	1,915,000	1,237,414	3,152,414
2043	600,000	169,220	769,220	560,000	126,208	686,208	1,985,000	1,161,772	3,142,772
2044	625,000	145,520	770,520	575,000	108,064	683,064	2,070,000	1,083,364	3,153,364
2045	650,000	118,770	768,770	595,000	87,824	682,824	2,150,000	994,768	3,144,768
2046	680,000	90,950	770,950	615,000	66,880	681,880	2,245,000	902,748	3,147,748
2047	705,000	61,846	766,846	630,000	45,232	675,232	2,345,000	806,662	3,151,662
2048	740,000	31,672	771,672	655,000	23,056	678,056	2,440,000	706,296	3,146,296
2049	--	--	--	--	--	--	2,540,000	601,864	3,141,864
2050	--	--	--	--	--	--	2,655,000	492,898	3,147,898
2051	--	--	--	--	--	--	2,760,000	377,140	3,137,140
2052	--	--	--	--	--	--	2,880,000	256,804	3,136,804
2053	--	--	--	--	--	--	3,010,000	131,236	3,141,236
	<u>\$12,030,000</u>	<u>\$7,209,648</u>	<u>\$19,239,648</u>	<u>\$11,895,000</u>	<u>\$5,846,408</u>	<u>\$17,741,411</u>	<u>\$34,285,000</u>	<u>\$36,030,553</u>	<u>\$70,311,553</u>

Debt Obligations – Amortization Schedules

TWDB SWIRFT FUNDS - 2019 CARRIZO GROUNDWATER SUPPLY PROJECT						
YR END AUG 31	2019 LOW INTEREST FINANCING			2019 MASTER REPURCHASE AGREEMENT		
	PRINC	INT	TOTAL	PRINC	INT	TOTAL
2023	\$ --	\$216,897	\$216,897	\$ --	\$1,021,996	\$1,021,996
2024	295,000	216,897	511,897	--	1,021,996	1,021,996
2025	295,000	213,622	508,622	--	1,021,996	1,021,996
2026	300,000	210,289	510,289	--	1,021,996	1,021,996
2027	305,000	206,748	511,748	--	1,021,996	1,021,996
2028	310,000	202,967	512,967	--	1,021,996	1,021,996
2029	310,000	199,029	509,029	--	1,021,996	1,021,996
2030	315,000	194,969	509,969	--	1,021,996	1,021,996
2031	320,000	190,338	510,338	--	1,021,996	1,021,996
2032	330,000	184,930	514,930	--	1,021,996	1,021,996
2033	330,000	178,759	508,759	--	1,021,996	1,021,996
2034	340,000	171,862	511,862	--	1,021,996	1,021,996
2035	350,000	164,586	514,586	--	1,021,996	1,021,996
2036	360,000	156,921	516,921	--	1,021,996	1,021,996
2037	365,000	148,533	513,533	--	1,021,996	1,021,996
2038	370,000	139,846	509,846	--	1,021,996	1,021,996
2039	385,000	130,818	515,818	--	1,021,996	1,021,996
2040	395,000	121,886	516,886	1,575,000	1,021,996	2,596,996
2041	400,000	111,260	511,260	1,635,000	970,494	2,605,494
2042	415,000	100,500	515,500	1,690,000	917,029	2,607,029
2043	425,000	89,337	514,337	1,740,000	861,766	2,601,766
2044	435,000	77,905	512,905	1,800,000	804,868	2,604,868
2045	450,000	66,203	516,203	1,860,000	746,008	2,606,008
2046	465,000	53,738	518,735	1,925,000	683,326	2,608,326
2047	480,000	40,858	520,858	1,990,000	618,454	2,608,454
2048	490,000	27,562	517,562	2,055,000	551,390	2,606,390
2049	505,000	13,988	518,988	2,130,000	482,137	2,612,137
2050	--	--	--	2,200,000	410,356	2,610,356
2051	--	--	--	2,280,000	334,236	2,614,236
2052	--	--	--	2,365,000	255,348	2,620,348
2053	--	--	--	2,460,000	173,519	2,633,519
2054	--	--	--	2,555,000	88,403	2,643,403
	<u>\$9,740,000</u>	<u>\$3,831,248</u>	<u>\$13,571,245</u>	<u>\$30,260,000</u>	<u>\$26,293,262</u>	<u>\$56,553,262</u>



Debt Obligations – Amortization Schedules

TWDB SWIRFT FUNDS - 2020 CARRIZO GROUNDWATER SUPPLY PROJECT						
YR END AUG 31	2020 LOW INTEREST FINANCING			2020 MASTER REPURCHASE AGREEMENT		
	PRINC	INT	TOTAL	PRINC	INT	TOTAL
2023	\$ --	\$611,023	\$ 611,023	\$ --	\$213,392	\$213,392
2024	1,085,000	611,023	1,696,023	--	213,392	213,392
2025	1,090,000	608,636	1,698,636	--	213,392	213,392
2026	1,095,000	605,693	1,700,693	--	213,392	213,392
2027	1,100,000	601,313	1,701,313	--	213,392	213,392
2028	1,105,000	595,373	1,700,373	--	213,392	213,392
2029	1,115,000	588,301	1,703,301	--	213,392	213,392
2030	1,120,000	579,716	1,699,716	--	213,392	213,392
2031	1,130,000	570,196	1,700,196	--	213,392	213,392
2032	1,145,000	557,427	1,702,427	--	213,392	213,392
2033	1,160,000	542,084	1,702,084	--	213,392	213,392
2034	1,175,000	524,336	1,699,336	--	213,392	213,392
2035	1,200,000	505,536	1,705,536	--	213,392	213,392
2036	1,220,000	485,256	1,705,256	--	213,392	213,392
2037	1,245,000	463,906	1,708,906	--	213,392	213,392
2038	1,270,000	441,371	1,711,371	--	213,392	213,392
2039	1,300,000	417,876	1,717,876	--	213,392	213,392
2040	1,335,000	393,306	1,728,306	--	213,392	213,392
2041	1,360,000	367,541	1,727,541	415,000	213,392	628,392
2042	1,390,000	335,173	1,725,173	425,000	201,274	626,274
2043	1,415,000	302,091	1,717,091	435,000	188,864	623,864
2044	1,445,000	268,414	1,713,414	445,000	176,162	621,162
2045	1,475,000	234,023	1,709,023	460,000	163,168	623,168
2046	1,505,000	198,918	1,703,918	470,000	149,736	619,736
2047	1,545,000	161,142	1,706,142	485,000	135,213	620,213
2048	1,585,000	122,363	1,707,363	500,000	120,227	620,227
2049	1,625,000	82,579	1,707,579	515,000	104,777	619,777
2050	1,665,000	41,792	1,706,792	530,000	88,863	618,863
2051	--	--	--	545,000	72,486	617,486
2052	--	--	--	565,000	57,117	622,117
2053	--	--	--	585,000	43,501	628,501
2054	--	--	--	600,000	29,402	629,402
2055	--	--	--	620,000	14,942	634,942
	<u>\$34,900,000</u>	<u>\$11,816,408</u>	<u>\$46,716,408</u>	<u>\$7,595,000</u>	<u>\$5,600,180</u>	<u>\$13,195,180</u>

Debt Obligations – Amortization Schedules

TWDB SWIRFT FUNDS – 2021 CARRIZO GROUNDWATER SUPPLY PROJECT

YR END AUG 31	2021 LOW INTEREST FINANCING			2021 MASTER REPURCHASE AGREEMENT		
	PRINC	INT	TOTAL	PRINC	INT	TOTAL
2023	\$ --	\$1,154,254	\$1,154,254	\$ --	\$400,206	\$400,206
2024	1,765,000	1,154,254	2,919,254	--	400,206	400,206
2025	1,770,000	1,148,782	2,918,782	--	400,206	400,206
2026	1,775,000	1,141,171	2,916,171	--	400,206	400,206
2027	1,780,000	1,131,054	2,911,054	--	400,206	400,206
2028	1,795,000	1,118,416	2,913,416	--	400,206	400,206
2029	1,800,000	1,103,158	2,903,158	--	400,206	400,206
2030	1,820,000	1,085,698	2,905,698	--	400,206	400,206
2031	1,835,000	1,066,042	2,901,042	--	400,206	400,206
2032	1,850,000	1,044,756	2,894,756	--	400,206	400,206
2033	1,875,000	1,018,116	2,893,116	--	400,206	400,206
2034	1,900,000	986,804	2,886,804	--	400,206	400,206
2035	1,930,000	952,984	2,882,984	--	400,206	400,206
2036	1,970,000	916,121	2,886,121	--	400,206	400,206
2037	2,005,000	876,327	2,881,327	--	400,206	400,206
2038	2,045,000	834,021	2,879,021	--	400,206	400,206
2039	2,085,000	791,076	2,876,076	--	400,206	400,206
2040	2,125,000	748,125	2,873,125	--	400,206	400,206
2041	2,170,000	703,500	2,873,500	--	400,206	400,206
2042	2,210,000	657,062	2,867,062	710,000	400,206	400,206
2043	2,270,000	600,707	2,870,707	730,000	379,474	1,109,474
2044	2,325,000	542,822	2,867,822	750,000	358,158	1,108,0158
2045	2,380,000	483,535	2,863,535	770,000	336,258	1,106,258
2046	2,445,000	428,557	2,873,557	795,000	315,853	1,110,853
2047	2,505,000	363,275	2,868,275	820,000	291,526	1,111,526
2048	2,570,000	294,388	2,864,388	840,000	265,614	1,105,614
2049	2,645,000	223,713	2,868,713	870,000	239,070	1,109,070
2050	2,710,000	150,975	2,860,975	895,000	211,578	1,106,578
2051	2,780,000	76,450	2,856,450	920,000	183,296	1,103,296
2052	--	--	--	945,000	154,224	1,099,224
2053	--	--	--	970,000	128,142	1,098,142
2054	--	--	--	1,000,000	101,370	1,101,370
2055	--	--	--	1,035,000	68,670	1,103,670
2056	--	--	--	1,065,000	34,826	1,099,826
	\$59,135,000	\$22,796,143	\$81,931,143	\$13,115,000	\$11,072,179	\$33,449,179



Debt Obligations – Amortization Schedules

CONTRACT REVENUE REFUNDING BONDS, SERIES 2014 TREATED WATER DELIVERY SYSTEM (LULING TO LOCKHART PIPELINE)			
YR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2023	\$310,000	\$91,598	\$401,598
2024	320,000	80,730	400,730
2025	335,000	69,431	404,431
2026	345,000	57,701	402,701
2027	355,000	45,626	400,626
2028	370,000	33,120	403,120
2029	380,000	20,182	400,182
2030	395,000	6,814	401,814
	<u>\$2,810,000</u>	<u>\$405,202</u>	<u>\$3,215,202</u>

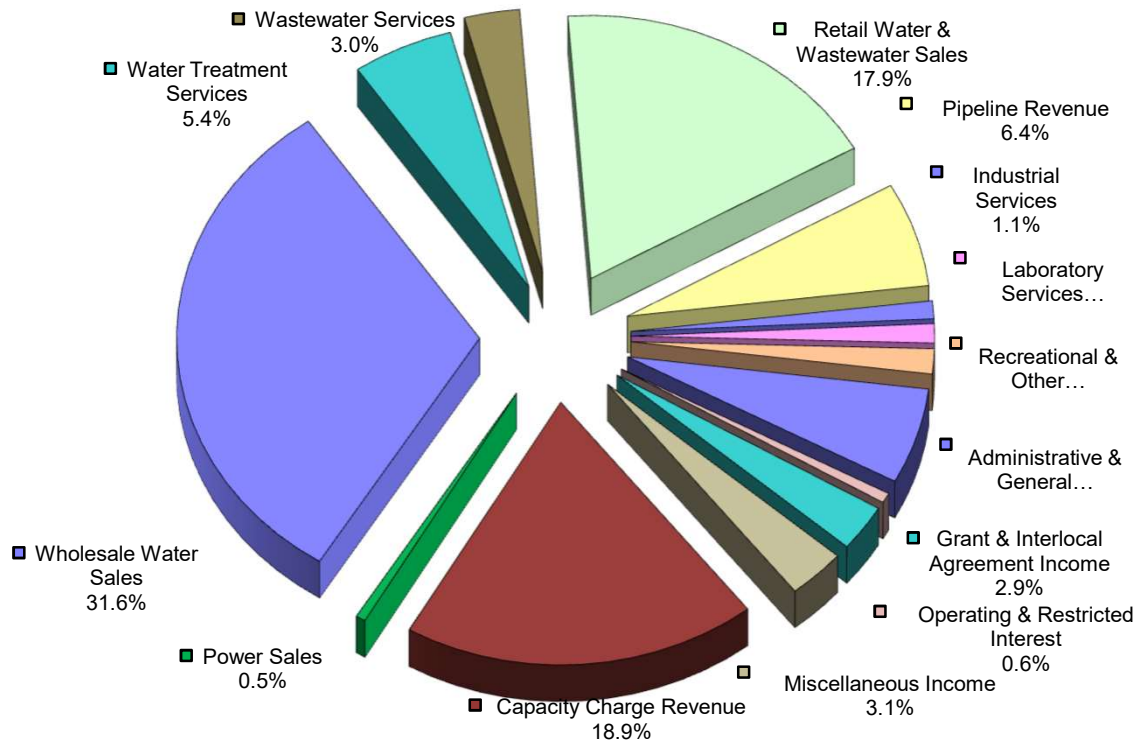


Fiscal Year 2023 Budget

flowing solutions

Budget Summary

REVENUES - GBRA



Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales	1,998,562	1,881,054	432,813
Wholesale Water Sales	23,413,365	24,173,036	26,174,817
Water Treatment Services	3,951,626	4,256,991	4,471,915
Wastewater Services	2,915,842	2,443,478	2,453,049
Retail Water & Wastewater Sales	11,284,047	12,829,380	14,874,535
Pipeline Revenue	3,668,636	4,181,604	5,310,313
Industrial Services	1,086,049	935,319	911,585
Laboratory Services	903,721	1,020,000	980,000
Recreational & Other Rentals	1,083,429	1,305,450	1,279,849
Administrative & General	4,092,930	4,561,950	4,885,106
Operating & Restricted Interest	149,110	141,135	506,775
Grant & Interlocal Agreement Income	605,626	1,576,305	2,365,892
Miscellaneous Income	1,852,599	2,008,291	2,562,470
Total Operating Revenue	57,005,542	61,313,993	67,209,119
Capacity Charge Revenue	7,448,752	10,141,921	15,676,740
I/F Loan Repayments from Operations			
Grand Total Revenues	64,454,294	71,455,914	82,885,859

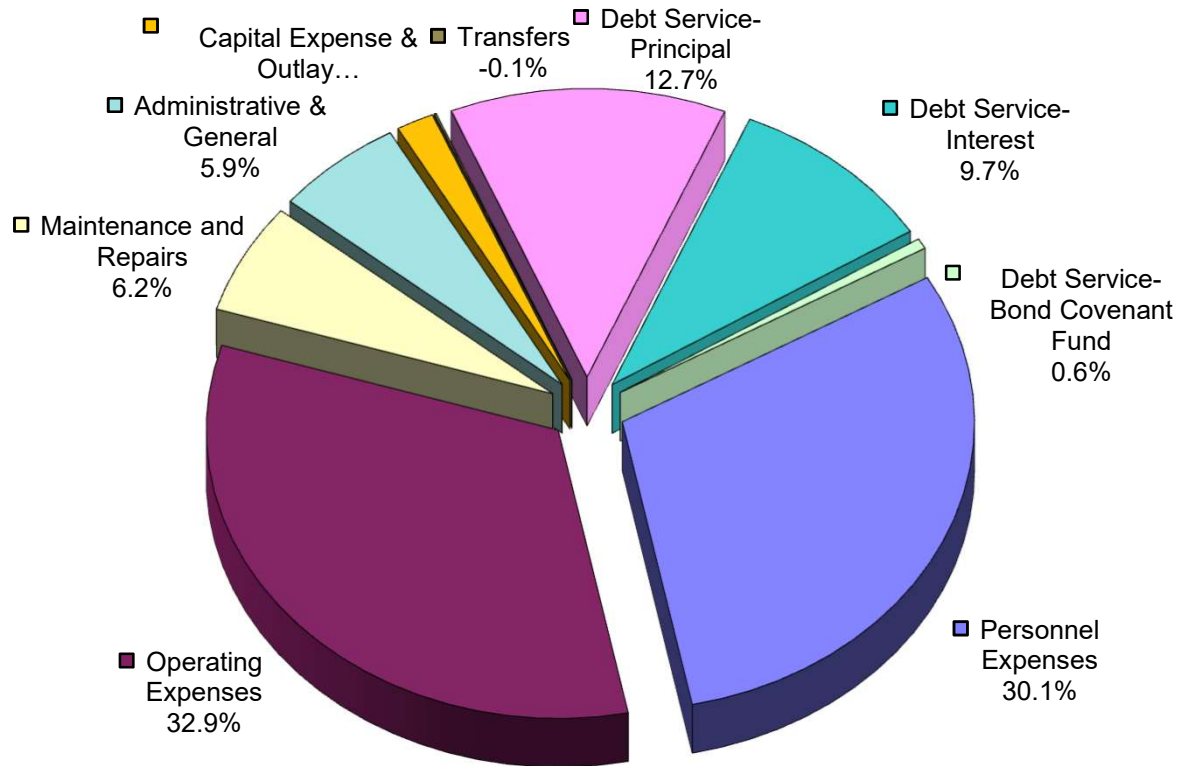


Fiscal Year 2023 Budget

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Budget Summary

EXPENSES - GBRA



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	20,612,894	22,965,207	24,840,379
Operating Expenses	21,904,036	24,203,429	27,131,698
Maintenance and Repairs	4,394,108	4,962,083	5,107,187
Administrative & General	4,092,935	4,561,950	4,885,106
Capital Expense & Outlay	757,375	771,575	1,424,300
Transfers		570,272	(75,527)
Total Operating and M&R Expenses	51,761,348	58,034,516	63,313,143
Debt Service-Principal	5,967,247	7,319,251	10,464,667
Debt Service-Interest	6,255,460	4,129,801	7,979,957
Debt Service-Bond Covenant Fund		675,982	482,692
Grand Total Expenses	63,984,055	70,159,550	82,240,459

Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023

Fund: *
Department: *

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Water Treatment				
41101	PLANT O&M	1,363,991	1,356,063	(7,928)
41102	PLANT A&G	144,693	148,759	4,066
41110	PL-RAW WATER DELIVERY	123,808	108,530	(15,278)
41111	PL-PLANT O&M INCOME	1,008,242	1,182,509	174,267
41112	PL-PLANT A&G INCOME	109,389	112,950	3,561
41115	POC-RAW WATER PURCHASES	22,613	27,585	4,972
41116	POC-PLANT O&M INCOME	250,966	207,201	(43,765)
41117	POC-PLANT A&G INCOME	26,436	20,541	(5,895)
41125	RW-RAW WATER PURCHASE	21,220	19,659	(1,561)
41126	RW-WATER TREATMENT	187,983	190,550	2,567
41127	RW-PLANT A&G INCOME	20,215	18,390	(1,825)
41135	LULING WTP-CITY OF LOCKHART CHARGE	747,130	816,666	69,536
41137	LU/LO DELIVERY SYSTEM-CITY OF LOCKHART	230,305	262,512	32,207
	Total Water Treatment	4,256,991	4,471,915	214,924
Wastewater Treatment				
41201	WW-OPR & MAINTENANCE	2,749,093	3,051,016	301,923
41202	WW-ADMINISTRATIVE & GENERAL	196,185	203,833	7,648
41207	WW-CREDIT TO CUSTOMER	(501,800)	(801,800)	(300,000)
	Total Wastewater Treatment	2,443,478	2,453,049	9,571
Hydroelectric				
41301	POWER SALES	446,646	307,813	(138,833)
	Total Hydroelectric	446,646	307,813	(138,833)
Industrial				
41401	COLETO CREEK POWER-O&M EXP	876,950	856,375	(20,575)
41402	COLETO CREEK POWER-A&G EXP	58,369	55,210	(3,159)
	Total Industrial	935,319	911,585	(23,734)
Wholesale Raw Water Sales				
42102	CANYON-INEOS	423,364	582,533	159,169

		FY 2022	FY 2023	FY 2023-2022
		BUDGET	BUDGET	DIFFERENCE
42103	CANYON-PORT LAVACA WTP	422,016	517,440	95,424
42104	CANYON-CCRWSC	107,545	146,520	38,975
42105	CANYON-CITY OF SEGUIN	157,000	165,000	8,000
42107	CANYON-SPRINGS HILL WSC	502,400	528,000	25,600
42108	CANYON-REBECCA CREEK MUD	20,410	21,450	1,040
42109	CANYON-CRWA-HAYS CO, SAN MARCOS	319,966	336,270	16,304
42110	CANYON-SEADRIFT COKE	52,438	55,110	2,672
42111	CANYON-UNION CARBIDE	15,700	16,500	800
42112	CANYON-STANDARD GYPSUM	40,506	42,570	2,064
42113	CANYON-CMS STEEL	109,900	115,500	5,600
42114	CANYON-NEW BRAUNFELS UTILITIES	2,389,540	2,511,300	121,760
42115	CANYON-CRYSTAL CLEAR WSC	125,600	132,000	6,400
42116	CANYON-CANYON REGIONAL WATER AUTH	1,863,466	1,963,449	99,983
42117	CANYON-CANYON LAKE WSC	1,004,800	1,056,000	51,200
42118	CANYON-CITY OF SAN MARCOS	1,570,000	1,650,000	80,000
42119	CANYON-GUADALUPE POWER PARTNERS	1,073,880	1,128,600	54,720
42120	CANYON-CITY OF KYLE	854,551	898,095	43,544
42121	CANYON-GREEN VALLEY SUD	157,000	165,000	8,000
42122	CANYON-HAYS ENERGY LTD PARTNERSHIP	386,848	406,560	19,712
42123	CANYON-CITY OF FAIR OAKS	290,450	305,250	14,800
42124	CANYON-SAN ANTONIO WATER SYSTEMS	784,301	828,134	43,833
42125	CANYON-CITY OF BOERNE	566,927	595,815	28,888
42126	CANYON-GBRA-COMAL TRACE	19,625	20,625	1,000
42127	CANYON-SAN JOSE-PARK VILLAGE	50,554	53,130	2,576
42128	CANYON-JACQUELYN COUSER	15,700	16,500	800
42129	CANYON-BREMER RANCH, LTD	15,700	16,500	800
42130	CANYON-CITY OF BLANCO	94,200	99,000	4,800
42131	CANYON-FORESIGHT	45,530	47,500	1,970
42132	CANYON-CORDILLERA RANCH, LTD	235,500	247,500	12,000
42133	CANYON-KENDALL COUNTY/TAPATIO SPRINGS	117,750	123,750	6,000
42134	CANYON-CITY OF BUDA	263,760	277,200	13,440
42135	CANYON-DH INV-JOHNSON RANCH	141,300	148,500	7,200
42136	CANYON-GOFORTH SUD	598,327	690,690	92,363
42137	CANYON-HH RANCH PROPERTIES	39,250	41,250	2,000
42138	CANYON-SUNFIELD	58,875	-	(58,875)
42139	CANYON-MONARCH UTILITIES, LP	87,920	92,400	4,480
42140	CANYON-MIRALOMAS MUD	117,750	123,750	6,000
42141	CANYON-SMALL WATER SALES	63,178	63,195	17
42142	CANYON-SELECT ENERGY	220,000	441,667	221,667
42143	CANYON-GBRA CANAL SYSTEM CUSTOMERS	-	77,304	77,304
42150	WOMACK-NEW BRAUNFELS UTILITIES	447,450	470,250	22,800
42151	CARRIZO-NEW BRAUNFELS UTILITES	656,000	656,000	-
42152	CARRIZO-CITY OF LOCKHART	246,000	246,000	-
42153	CARRIZO-GOFORTH SUD	328,000	328,000	-
42170	CANAL-PT LAVACA	123,808	108,548	(15,260)

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
42171	CANAL-RURAL WATER	21,220	19,659	(1,561)
42172	CANAL-CARBIDE	972,724	907,725	(64,999)
42173	CANAL-INEOS	267,211	270,766	3,555
42174	CANAL-SPRINKLER IRRIGATION	27,000	17,702	(9,298)
42175	CANAL-SEADRIFT COKE	29,544	27,584	(1,960)
42176	CANAL-CRAWFISH FARM	9,000	-	(9,000)
42177	CANAL-PONDS & RIGS	3,000	1,968	(1,032)
42178	CANAL-WATERFOWL	25,000	43,420	18,420
42179	CANAL-POC IDC	22,613	27,585	4,972
42181	CANAL-OTHER	6,000	6,000	-
42182	CANAL-RICE CROPS	-	107,748	107,748
	Total Wholesale Raw Water Sales	18,608,097	19,986,512	1,378,415
	Wholesale Water Treatment			
42201	ANNUAL SERVICE FEE INCOME	1,012,232	1,100,060	87,828
42230	WCANYON WTP O&M	4,552,707	5,088,245	535,538
	Total Wholesale Water Treatment	5,564,939	6,188,305	623,366
	Retail Water Sales			
42301	WATER SALES	4,031,756	4,187,895	156,139
42302	WHOLESALE WATER SALES	75,000	178,187	103,187
42310	WATER CONNECTION FEES	121,075	139,500	18,425
42320	WATER CAPITAL CONTRIBUTION FEES	36,000	36,000	-
42340	TRANSFER FEES	2,540	4,000	1,460
	Total Retail Water Sales	4,266,371	4,545,582	279,211
	Retail Wastewater			
42401	WASTEWATER SERVICES	6,735,249	7,912,097	1,176,848
42402	SEWER CONNECTION/INSP FEES	1,709,317	2,488,650	779,333
42404	SERVICE CALL INCOME	10,200	10,600	400
42405	TRANSFER FEES	35,400	29,900	(5,500)
42450	CHARGES TO DEVELOPERS	72,843	(112,294)	(185,137)
	Total Retail Wastewater	8,563,009	10,328,953	1,765,944
	Pipeline Revenue			
42501	O&M-IH35, BUDA	107,241	107,093	(148)
42502	O&M-IH35, GOFORTH	245,307	251,020	5,713
42503	O&M-IH35, KYLE	300,533	317,053	16,520
42504	O&M-IH35, MONARCH	61,028	56,664	(4,364)
42550	O&M-RRWDS, COSM	1,194,982	1,664,170	469,188
42551	O&M-RRWDS, BUDA	141,881	204,713	62,832
42552	O&M-RRWDS, GOFORTH	324,544	479,838	155,294
42553	O&M-GPP	666,632	682,156	15,524
42554	O&M-RRWDS, HELP	148,344	226,246	77,902
42555	O&M-RRWDS, KYLE	397,608	606,065	208,457

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
42556	O&M-RRWDS, CRWA	249,523	341,394	91,871
42557	O&M-RRWDS, MONARCH	80,711	108,317	27,606
42570	O&M-SMWTP, COSM	(800,000)	(1,015,912)	(215,912)
42571	O&M-SMWTP, BUDA	159,682	187,528	27,846
42572	O&M-SMWTP, GOFORTH	365,260	439,557	74,297
42573	O&M-SMWTP, KYLE	447,491	555,187	107,696
42574	O&M-SMWTP, MONARCH	90,837	99,224	8,387
	Total Pipeline Revenue	4,181,604	5,310,313	1,128,709
	Hydroelectric			
42701	ENERGY CHARGE	726,075	-	(726,075)
42702	FACILITY CHARGE	708,333	125,000	(583,333)
	Total Hydroelectric	1,434,408	125,000	(1,309,408)
	Laboratory			
42801	REV-LABORATORY SERVICES	1,020,000	980,000	(40,000)
	Total Laboratory	1,020,000	980,000	(40,000)
	Recreation & Other Rentals			
42901	REV-FACILITY RENTAL	38,000	38,000	-
42902	REV-PARK ENTRY FEES	1,144,450	1,107,499	(36,951)
42903	REV-CONCESSIONS/STORE CHARGES	10,000	8,000	(2,000)
42915	REV-SPONSORSHIPS	3,000	8,000	5,000
42920	REV-HUNTING REVENUE	18,000	20,350	2,350
42922	REV-AG & LAND USE	92,000	98,000	6,000
	Total Recreation & Other Rentals	1,305,450	1,279,849	(25,601)
	Internal Transfers			
43001	REV-ADMIN & GEN CHARGES	4,561,950	4,885,106	323,156
43002	REV-BUILDING/EQUIP RENTAL	193,616	292,633	99,017
	Total Internal Transfers	4,755,566	5,177,739	422,173
	Operating Interest			
44101	INT-OPR CASH ACCOUNTS	25,000	25,000	-
44110	INT-OPR INVESTMENT FUNDS	116,135	481,775	365,640
	Total Operating Interest	141,135	506,775	365,640
	Misc Income			
45195	MISCELLANEOUS REVENUES	529,200	831,700	302,500
	Total Misc Income	529,200	831,700	302,500
	Pass-Through Costs			
45240	PASS-THROUGH-ELECTRIC COSTS	444,860	425,944	(18,916)
45241	PASS-THROUGH-CHEMICAL COSTS	494,279	756,684	262,405
45242	PASS-THROUGH-GNDWTR ELECTRIC COSTS	200,500	110,187	(90,313)

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
45243 PASS-THROUGH-GNDWTR CHEMICAL COSTS	34,660	27,522	(7,138)
45244 PASS-THROUGH-INSURANCE	25,676	30,300	4,624
45245 PASS-THROUGH-LOC	10,500	12,500	2,000
45246 PASS-THROUGH-INSPECTION	75,000	75,000	-
Total Pass-Through Costs	1,285,475	1,438,137	152,662
Grant & Interlocal Agreement Income			
45301 GRANTS-FEDERAL	674,015	1,200,497	526,482
45302 GRANTS-STATE	722,594	979,599	257,005
45303 GRANTS-CLEAN RIVERS PROGRAM	140,650	146,750	6,100
45320 INTERLOCAL-CONTRIBUTED BY CUSTOMERS	39,046	39,046	-
Total Grant & Interlocal Agreement Income	1,576,305	2,365,892	789,587
Total Operating Revenue	61,313,993	67,209,119	5,895,126
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	16,070,563	17,265,447	1,194,884
51102 LBR-OVERTIME	940,822	848,743	(92,079)
Total Salaries	17,011,385	18,114,190	1,102,805
Benefits			
51201 BEN-FICA/MED	1,213,805	1,287,014	73,209
51202 BEN-RETIREMENT	2,321,859	2,649,850	327,991
51203 BEN-HEALTH/DENTAL/VISION INSURANCE	2,256,758	2,623,950	367,192
51204 BEN-LIFE INSURANCE, LTD, AD&D	161,400	165,375	3,975
Total Benefits	5,953,822	6,726,189	772,367
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	5,187,204	5,170,048	(17,156)
52102 OPR-AUXILIARY POWER EXPENSE	136,225	225,700	89,475
52103 OPR-CHEMICALS	1,711,901	2,435,638	723,737
52110 OPR-SMALL TOOLS AND SUPPLIES	125,460	285,194	159,734
52111 OPR-PUBLIC NOTICES AND COMMUNICATIONS	192,000	201,500	9,500
52113 OPR-LAB SUPPLIES	297,804	317,326	19,522
52114 OPR-LABORATORY SERVICES-GBRA	554,044	597,022	42,978
52115 OPR-LABORATORY SERVICES-OUTSOURCED	113,303	111,742	(1,561)
52118 OPR-DISPOSAL SERVICES	1,021,727	1,354,696	332,969
52120 OPR-UNIFORMS	111,570	114,400	2,830
52121 OPR-SAFETY & EMERGENCY EXPENSE	147,095	143,905	(3,190)
52122 OPR-SECURITY EXPENSE	39,930	34,230	(5,700)
52123 OPR-EQUIPMENT RENTAL	189,684	333,941	144,257
52124 OPR-EQUIPMENT EXPENSE	118,274	168,304	50,030

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52125 OPR-VEHICLE EXPENSE	301,734	345,834	44,100
52126 OPR-FLEET LEASE EXPENSE	259,500	268,064	8,564
52132 OPR-GAUGING AND MONITORING	25,000	25,000	-
52133 OPR-SCADA	139,550	177,000	37,450
52145 OPR-CONTRACT LABOR	156,190	182,490	26,300
52150 OPR-WATER PURCHASES/DELIVERY	2,119,928	2,089,545	(30,383)
52155 OPR-TRANSMISSION CHARGES	45,000	49,000	4,000
Total Operating Supplies & Services	12,993,123	14,630,579	1,637,456

Professional Services and Fees

52201 OPR-PROFESSIONAL SERVICES-ENGINEERING	1,015,000	2,045,522	1,030,522
52202 OPR-PROFESSIONAL SERVICES-LEGAL	1,049,675	1,025,500	(24,175)
52204 OPR-PROFESSIONAL SERVICES-EMPLOYEE RELATED	87,175	123,575	36,400
52205 OPR-PROFESSIONAL SERVICES-OTHER	2,845,265	2,737,303	(107,962)
52210 OPR-CORPS OF ENGINEERS	850,000	850,000	-
52211 OPR-USGS MONITORING	225,179	236,400	11,221
52212 OPR-CARRIZO LEASE PAYMENTS	923,050	1,012,300	89,250
52213 OPR-GROUNDWATER DISTRICT FEES	150,788	191,528	40,740
52214 OPR-EAA HABITAT CONSERVATION	150,000	150,000	-
52215 OPR-GUADALUPE BLANCO RIVER TRUST	224,000	224,000	-
52216 OPR-REGULATORY FEES	371,733	400,020	28,287
52217 OPR-INSPECTION FEES	142,585	4,460	(138,125)
52218 NBU WW TREATMENT SERVICES	-	17,112	17,112
52219 OPR-CUSTOMER BILLING FEES	176,992	171,032	(5,960)
52220 OPR-BANK FEES	47,764	63,964	16,200
52222 OPR-MEMBERSHIPS & PUBLICATIONS	75,713	93,894	18,181
52223 OPR-LICENSE & TRAINING	240,970	259,024	18,054
52224 OPR-TRAVEL & MEETINGS	212,929	212,523	(406)
Total Professional Services and Fees	8,788,818	9,818,157	1,029,339

Office Expenses

52301 OPR-OFFICE SUPPLIES	112,280	113,100	820
52302 OPR-COMPUTER & SOFTWARE EXPENSE	540,850	629,200	88,350
52303 OPR-WIDE AREA NETWORK EXPENSE	70,150	92,410	22,260
52304 OPR-COPY SUPPLIES AND SERVICES	41,400	48,640	7,240
52305 OPR-POSTAGE AND FREIGHT EXPENSE	45,930	27,330	(18,600)
52306 OPR-COMMUNICATIONS	265,894	278,096	12,202
52320 OPR-EDUCATION EXPENSE	4,000	5,000	1,000
52321 OPR-COMMUNITY AFFAIRS	96,000	101,500	5,500
52322 OPR-MEDIA EXPENSE	20,167	20,000	(167)
52323 OPR-EMPLOYEE RELATIONS	54,950	55,200	250
52330 OPR-OUTSOURCED PRINTING EXPENSE	39,000	32,000	(7,000)
52331 OPR-JANITORIAL SUPPLIES AND SERVICE	67,860	69,200	1,340
Total Office Expenses	1,358,481	1,471,676	113,195

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
	Other Operating Expenses			
52401	OPR-DIRECTORS EXPENSES	15,000	15,000	-
52403	OPR-OFFICE/BUILDING RENTAL	194,876	205,836	10,960
52404	OPR-RIGHT OF WAY	13,135	16,200	3,065
52405	OPR-CONCESSIONS/STORE MERCHANDISE	3,500	6,000	2,500
52420	OPR-INSURANCE EXPENSE	750,546	816,400	65,854
52430	OPR-MISC EXPENSE	85,950	151,850	65,900
	Total Other Operating Expenses	1,063,007	1,211,286	148,279
	SUBTOTAL OF OPERATIONAL EXPENSES	47,168,636	51,972,077	4,803,441
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	441,650	523,700	82,050
53105	M&R-GENERATORS	29,000	56,500	27,500
53110	M&R-CONTROL SYSTEMS	111,410	113,430	2,020
53115	M&R-METERS	168,020	171,500	3,480
53120	M&R-BOATS	13,000	10,400	(2,600)
	Total Maintenance and Repair Equipment	763,080	875,530	112,450
	Structures			
53201	M&R-BUILDING	247,420	391,920	144,500
53202	M&R-CLEARWELLS	10,400	8,800	(1,600)
53205	M&R-PUMPS AND MOTORS	600,433	1,000,080	399,647
53210	M&R-GATES AND VALVES	107,640	126,140	18,500
53215	M&R-LIFTSTATIONS	116,000	75,000	(41,000)
53216	M&R-PUMPSTATIONS	208,600	198,000	(10,600)
53220	M&R-CLARIFIERS	149,500	63,000	(86,500)
53230	M&R-PIPELINES	658,200	760,700	102,500
53235	M&R-TRANSMISSION LINES	424,000	127,500	(296,500)
53237	M&R UV SYSTEM	10,000	10,000	-
53238	M&R-FILTERS	64,300	132,700	68,400
53240	M&R-SPILLGATES	21,000	27,000	6,000
53245	M&R-POWERHOUSE	170,000	-	(170,000)
53250	M&R-LAKE STRUCTURES	3,000	3,000	-
53251	M&R-PARK STRUCTURES	15,900	11,700	(4,200)
	Total Structures	2,806,393	2,935,540	129,147
	Other Maintenance & Repairs			
53301	M&R-ROADS	100,800	123,000	22,200
53302	M&R-WELLS	136,000	139,000	3,000
53310	M&R-GROUNDS/ROW	347,420	400,810	53,390
53315	M&R-CAMP AND PICNIC SITES	58,000	19,000	(39,000)
53320	M&R-PONDS AND LAGOONS	28,000	28,000	-
53324	M&R-REMOVE LOG JAMS	26,200	26,200	-
53325	M&R-GENERAL MAINTENANCE	625,460	528,377	(97,083)

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
53399	M&R-MISC EXPENSE	70,730	31,730	(39,000)
	Total Other Maintenance & Repairs	1,392,610	1,296,117	(96,493)
	SUBTOTAL OF M&R EXPENSES	4,962,083	5,107,187	145,104
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	4,561,950	4,885,106	323,156
	Total Administrative & General	4,561,950	4,885,106	323,156
	Capital Expenses			
55001	CUSTOMER-OWNED CAPITAL EXPENSE	4,300	4,300	-
	Total Capital Expenses	4,300	4,300	-
	Capital Outlay			
13201	STRUCTURES & IMPROVEMENTS	130,000	153,000	23,000
13208	SPECIALIZED OPER EQUIPMENT	11,000	-	(11,000)
13210	W-WHEELS, TURB & GENERATORS	-	36,000	36,000
13211	ELECTRICAL/CONTROL EQUIPMENT	117,775	-	(117,775)
13216	COMMUNICATION EQUIPMENT	10,000	-	(10,000)
13217	AUTO & HEAVY EQUIPMENT	440,000	1,216,000	776,000
13218	OFFICE FURNITURE & EQUIP	35,500	-	(35,500)
13219	MISCELLANEOUS EQUIPMENT	23,000	15,000	(8,000)
	Total Capital Outlay	767,275	1,420,000	652,725
	Transfers			
61505	TRANSFERS-DESIGNATED PROJECT FUND	953,797	238,354	(715,443)
61515	TRANSFERS-RESERVE FUND	(383,525)	(313,881)	69,644
	Total Transfers	570,272	(75,527)	(645,799)
	TOTAL OPERATING AND M&R EXPENSES	58,034,516	63,313,143	5,278,627
	Net Operating Income	3,279,477	3,895,976	616,499

DEBT SERVICE BUDGET

	Capacity Charge Revenue			
41119	POC-DEBT SERVICE	17,542	-	(17,542)
41129	RW-DEBT SERVICE	13,104	-	(13,104)
41131	DEBT SERVICE-LU/LO PROJECT	407,091	406,540	(551)
41133	DEBT COVER-LU/LO PROJECT	40,709	40,653	(56)
42601	DEBT SERV-RRWDS, COSM	682,520	686,670	4,150
42602	DEBT SERV-RRWDS, BUDA	103,985	103,985	-

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
42603	DEBT SERV-RRWDS, GOFORTH	309,241	342,223	32,982
42604	DEBT SERV-RRWDS, KYLE	337,928	337,928	-
42605	DEBT SERV-RRWDS, MONARCH	34,962	34,962	-
42606	DEBT SERV-RRWDS, SUNFIELD	32,970	-	(32,970)
42607	DEBT SERV-RRWDS, CRWA	138,847	138,847	-
42608	DEBT SERV-RRWDS, HELP	152,632	152,632	-
42630	DEBT SERV-2021 LK DUNLAP WCID	-	1,453,649	1,453,649
42631	DEBT SERV-2021 LK McQUEENEY WCID	-	523,050	523,050
42632	DEBT SERV-2021 LK PLACID WCID	-	1,350,735	1,350,735
42640	DEBT SERV-2013 IH35, BUDA	167,523	167,523	-
42641	DEBT SERV-2013 IH35, GOFORTH	498,354	551,709	53,355
42642	DEBT SERV-2013 IH35, KYLE	542,774	542,774	-
42643	DEBT SERV-2013 IH35, MONARCH	55,841	55,841	-
42644	DEBT SERV-2013 IH35, SUNFIELD	53,356	-	(53,356)
42670	DEBT SERV-2016 SMWTP, BUDA	37,444	36,647	(797)
42671	DEBT SERV-2016 SMWTP, GOFORTH	111,390	109,019	(2,371)
42672	DEBT SERV-2016 SMWTP, KYLE	121,318	118,736	(2,582)
42673	DEBT SERV-2016 SMWTP, MONARCH	12,481	12,216	(265)
42674	DEBT SERV-2016 SMWTP, SUNFIELD	11,926	11,672	(254)
42680	DEBT SERV-2020 WCANYON COMB, BOERNE	749,792	749,808	16
42681	DEBT SERV-2020 WCANYON COMB, BREMER	9,372	9,373	1
42682	DEBT SERV-2020 WCANYON COMB, CLWSC-BULVERI	338,343	338,351	8
42683	DEBT SERV-2020 WCANYON COMB, COMAL TRACE	58,578	58,579	1
42684	DEBT SERV-2020 WCANYON COMB, COUSER	9,372	9,373	1
42685	DEBT SERV-2020 WCANYON COMB, FAIR OAKS	441,440	441,449	9
42686	DEBT SERV-2020 WCANYON COMB, GBRA CORDILLEI	246,026	281,178	35,152
42687	DEBT SERV-2020 WCANYON COMB, JOHNSON RANC	140,586	152,305	11,719
42688	DEBT SERV-2020 WCANYON COMB, KENDALL WEST	93,724	351,473	257,749
42689	DEBT SERV-2020 WCANYON COMB, MIRALOMAS	105,440	105,442	2
42690	DEBT SERV-2020 WCANYON COMB, SAWS	3,055,871	2,751,327	(304,544)
42692	DEBT COVERAGE-2020 WCANYON COMB REF BONDS	477,120	477,151	31
42695	DEBT SERV-CARRIZO, NBU	290,063	1,588,242	1,298,179
42696	DEBT SERV-CARRIZO, GOFORTH	133,518	594,059	460,541
42697	DEBT SERV-CARRIZO, LOCKHART	108,738	590,619	481,881
	Total Capacity Charge Revenue	10,141,921	15,676,740	5,534,819
12532	I/F LOAN PAID-STEIN FALLS	700,000	700,000	-
24201	I/F LOAN-GENERAL	(700,000)	(700,000)	-
	Total Debt Revenue	10,141,921	15,676,740	5,534,819
	Principal Payments Expense			
21101	LOAN-1977 CORP OF ENGINEERS	278,133	285,086	6,953
21105	LOAN-2008 CLEARWELL, Frost	30,284	-	(30,284)
21106	LOAN-2012 STEIN FALLS EXP, Regions	120,000	125,000	5,000

		FY 2022	FY 2023	FY 2023-2022
		BUDGET	BUDGET	DIFFERENCE
21201	BOND-2007 RRWDS	138,333	148,333	10,000
21202	BOND-2010 RRWDS	566,667	587,500	20,833
21204	BOND-2012 MID-BASIN	225,417	230,000	4,583
21205	BOND-2013 IH35	662,500	693,333	30,833
21207	BOND-2014 LULO PIPELINE	305,833	315,833	10,000
21209	BOND-2016 SMWTP	95,417	100,833	5,416
21211	BOND-2017 RRWDS	271,667	280,000	8,333
21212	BOND-2017 WCANYON AERATION BONDS	4,006,250	4,022,083	15,833
21213	BOND-2018A TWDB CARRIZO GRNDWTR	-	22,083	22,083
21214	BOND-2018B TWDB CARRIZO GRNDWTR	26,667	321,250	294,583
21216	BOND-2019 TWDB CARRIZO GRNDWTR	-	262,083	262,083
21218	BOND-2020 GEN IMP REV REF (OFFICE)	592,083	711,250	119,167
21222	BOND-2021 LAKE DUNLAP DAM TWDB	-	1,420,000	1,420,000
21229	BOND-2022 LAKE PLACID DAM TWDB	-	940,000	940,000
	Total Principal Payments Expense	7,319,251	10,464,667	3,145,416
	Interest Expense			
57101	INT-LONG TERM LOANS	56,780	52,689	(4,091)
57102	INT-CLEARWELL, Frost	362	-	(362)
57103	INT-LULO BONDS	101,258	90,706	(10,552)
57201	INT-1977 CANYON COE	30,757	23,804	(6,953)
57203	INT-2007 RRWDS	327,695	371,914	44,219
57204	INT-2010 RRWDS	53,806	36,745	(17,061)
57205	INT-2020 GEN IMP BONDS	236,340	120,967	(115,373)
57206	INT-2012 MID-BASIN BONDS	33,738	31,786	(1,952)
57207	INT-2013 IH35 BONDS	529,969	502,894	(27,075)
57208	INT-2020 WCANYON BONDS	-	747,470	747,470
57210	INT-2016 SMWTP	166,844	163,981	(2,863)
57212	INT-2017 RRWDS	233,631	224,565	(9,066)
57214	INT-2020 WCANYON REFUND BONDS	763,643	-	(763,643)
57215	INT-2018/19/20/21 CARRIZO GROUNDWATER, TWDI	1,594,978	2,988,579	1,393,601
57216	INT-2021 LAKE DUNLAP DAM, TWDB	-	33,649	33,649
57217	INT-2021 LAKE McQUEENEY DAM, TWDB	-	523,050	523,050
57218	INT-2021 LAKE PLACID DAM, TWDB	-	19,459	19,459
57219	INT-2021 STEIN FALLS CONSTRUCTION	-	856,000	856,000
57220	INT-2021 DIETZ CONSTRUCTION	-	260,600	260,600
57221	INT-2022 LAKE PLACID DAM, TWDB	-	391,276	391,276
57222	INT-2022 NB OFFICE CONSTRUCTION	-	539,823	539,823
	Total Interest Expense	4,129,801	7,979,957	3,850,156
	Transfers			
61550	TRANSFERS-RESTRICTED/BOND COVENANT FUND	675,982	482,692	(193,290)
	Total Transfers	675,982	482,692	(193,290)

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
Total Debt Expense	<u>12,125,034</u>	<u>18,927,316</u>	<u>6,802,282</u>
Net Change in Debt Service Budget	<u>(1,983,113)</u>	<u>(3,250,576)</u>	<u>(1,267,463)</u>
Net Change in Fund Balance	<u>1,296,364</u>	<u>645,400</u>	<u>(650,964)</u>

GBRA Consolidated - Capital Outlay Expense

Division Description		FY 2023
Capital Outlay Funded From Current Revenues		
037	Skid Steer with attachments	\$ 75,000
037	Trailer for Skid Steer	\$ 15,000
041	Mobile Sludge Press	\$ 450,000
041	Hydro Jetter Truck	\$ 303,000
041	Electrician Truck and Equipment	\$ 87,500
041	Welder Service Truck and Equipment	\$ 87,500
041	Solar Composting Restroom-Gorge	\$ 12,800
041	Lab Rainwater Collection Harvesting-Gorge	\$ 3,200
043	5 yard Dump Truck	\$ 105,000
043	Replacement Truck-Unit 49 Water-Tender Truck	\$ 38,000
053	Add on's/Improvements with Plant expansion	\$ 25,000
054	On-site Generator and Generator Maintenance	\$ 36,000
092	Laundry Building	\$ 12,000
092	Golf Cart	\$ 15,000
092	Septic System Installation	\$ 100,000
100	Replacement Truck with Auto Crane	\$ 55,000
<hr/> Total Capital Outlay Expense		<hr/> \$ 1,420,000 <hr/>



General Division

The General Division office, located in Seguin, is home to the departments listed below. These departments furnish administrative, technical and support services to GBRA operating divisions under the direction of the General Manager. General Division revenues are derived from investments in eligible securities, and administrative and general charges to operating divisions.

Finance and Administration is responsible for the preparation of GBRA's annual budget and five-year financial plan, financial reserves and debt service, investments, capital assets, procurement and risk management. It also provides accounts payable, receivable and payroll functions, human resource services, information technology support for all GBRA divisions, and coordinates GBRA's Industrial Development Corporation which provides low-interest loans to outside entities.

Engineering conducts hydrology and flow monitoring studies, assists with water and wastewater plant design services and process evaluation, monitors basin rainfall conditions including surface run-off for streams, rivers, lakes, and groundwater in the Guadalupe River Basin; coordinates with the National Weather Service River Forecast Center in Fort Worth; and provides assistance to emergency management coordinators and local officials during severe weather events.

Project Development coordinates project planning including contracts for services, permits, rights of way and special projects, and maintains contact with interested parties for water and wastewater projects; work with homeowner and land associations to enhance current lake management and flood response programs, and communicate these procedures to new residents and governmental entities. Project Engineering provides management oversight for the design, review and inspection services for GBRA facilities construction and installation.

Public Communications and Education develops and implements communications strategies to ensure that GBRA's mission, projects, services and initiatives are explained clearly and consistently. The goal is to foster a productive, mutually beneficial relationship between GBRA and the residents, businesses and schools in the Guadalupe River Basin, provide useful information through publications, news releases, and educational programs, and encourage public involvement in the river authority's decision-making process.

Business Development and Resource Management creates partnerships to support community and economic development; encourages stewardship of water resources and environmental protection; and builds relationships with community leaders to promote awareness of GBRA services, expand existing business activities and develop new opportunities.

General Division

Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

The General Division of GBRA provides administrative, technical, and support services to each of GBRA's operating divisions. Within this broad effort, the Division provides such services as accounting, finance, cash management, risk management, budgeting, information technology, human resources, project planning and public communication & education based out of the Seguin office.

REVENUE SOURCES AND TRENDS

The General Division receives its revenue from administrative & general charges to GBRA's operating divisions. These charges represent a reimbursement of costs the General Division incurs in providing the support services discussed above and for FY 2023 is estimated at \$4,991,007. The remainder of the Division's revenue is from interest on investments in the amount of \$85,000.

The total revenue budgeted for the General Division in FY 2023 is \$5,076,007, which is \$482,557 or 10.5%, more than the previous year, with no change to the administrative rate charged to the various GBRA divisions. This amount is calculated based on the amount each division budgeted for labor costs in FY 2023.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The work plan for FY 2023 includes a projected 9% increase in total budgeted operating and maintenance expenditures from FY 2022 budget. The increase is primarily the result of additions in staffing for the General Division to include positions in Information Technology and Education.

The largest single cost component of the Division budget is personnel costs at \$3,679,614. Other significant expenditures in FY 2023 are for professional fees at \$649,075 and computer software and expenses of \$265,500.

FUND BALANCE

Funds for the above operating expenses will be received from the administrative charges that the General Division bills to GBRA's operating divisions.

In summary, budgeted revenue less operating and capital expenditures will result in the Division's fund balance decreasing from operating activities by \$700,000. When including a budgeted repayment of \$700,000 from an interfund loan from the Rural Utilities Division, the net change in fund balance is expected to be \$6,225.



General	# of Authorized Positions (FTE)		
	2021	2022	2023
General Manager/CEO	1	1	1
Senior Deputy General Manager	1	1	1
Deputy General Manager	1	1	1
Senior Advisor to the General Manager	3	1	1
General Counsel	1	1	1
Executive Manager of Administration	1	1	1
Executive Manager of Finance/CFO	1	1	1
Associate & Assistant General Counsel	3	3	2
Deputy CFO-Accounting & Purchasing	1	---	---
Deputy Executive Manager of Finance	1	1	1
Projects & Special Projects Managers	1	3	2
Communication Manager	1	1	1
Controller	1	1	1
Director of Regulatory & Customer Affairs	1	1	1
Human Resources Manager	1	1	1
IT Manager	1	1	1
Purchasing Manager	1	1	1
Safety & Risk Manager	1	1	1
Brand/Communications Manager	---	1	1
Accounting Services Supervisor	1	1	1
Project & Community Representative	---	1	1
Executive Assistant to the General Counsel	1	---	---
Executive Assistant to the General Manager	1	1	1
GIS Administrator/Technician	1	1	2
Grant Writer/Administrator	1	1	---
Database, Network & System Administrators	1	2	3
IT Operations/Project Manager	---	---	1
SCADA Administrator/Tech	2	4	4
Paralegal	1	1	1
Community Affairs Coordinator	---	1	1
Communications & Media Specialists	1	2	2
Environmental Education Administrator	1	1	1
Environmental Education Specialist	1	1	1
Help Desk Technician	1	1	1
Records Manager	1	1	1
Accountant	2	2	2
Administrative Support Assistant	1	1	1
Human Resources Specialist	1	1	1
Accounting Specialist	1	2	4
Customer Service Assistant	2	2	1
Education Coordinator	---	---	1
Buyer	---	1	1
Records Specialist	1	1	1
Utility Billing/Customer Service Specialist	1	1	1
Total	45	52	54

Changes from FY 2021 to FY 2022

2-Added SCADA Technician/Administrator
1-Removed Executive Assistant to General Counsel
1-Added Strategic & Community Affairs Manager
1-Added Network Administrator
1-Added Purchasing Specialist
1-Added Media Specialist

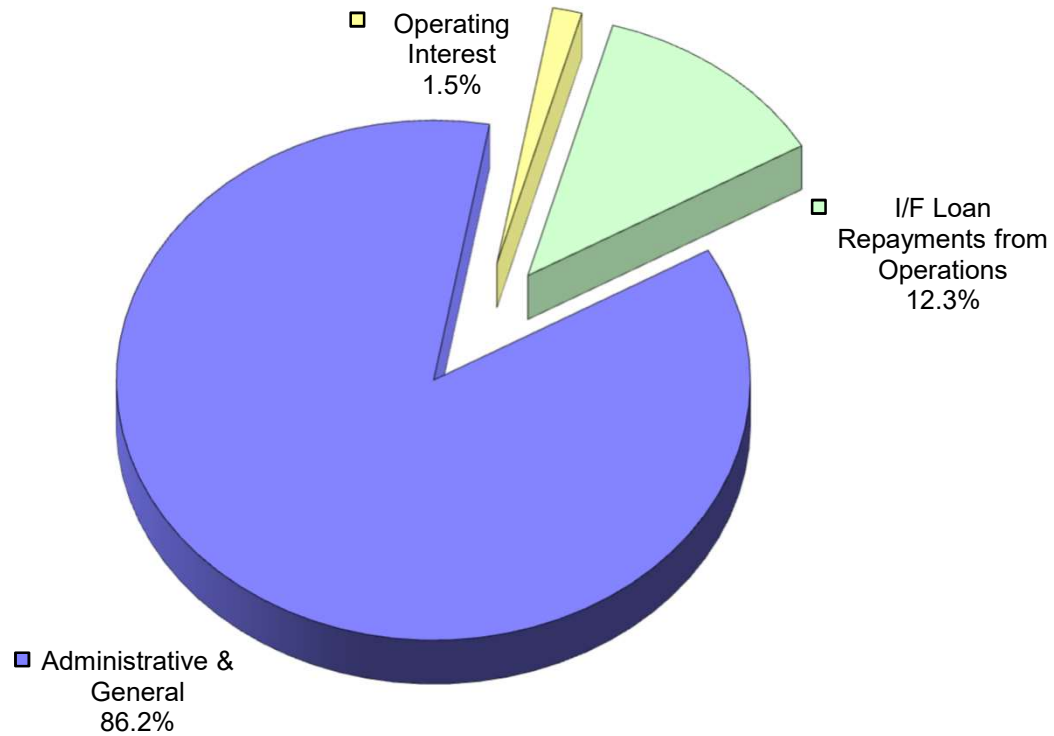
Changes from FY 2022 to FY 2023

1-Added IT Operations/Project Manager
1-Added Education Coordinator



Budget Summary

REVENUES - GENERAL

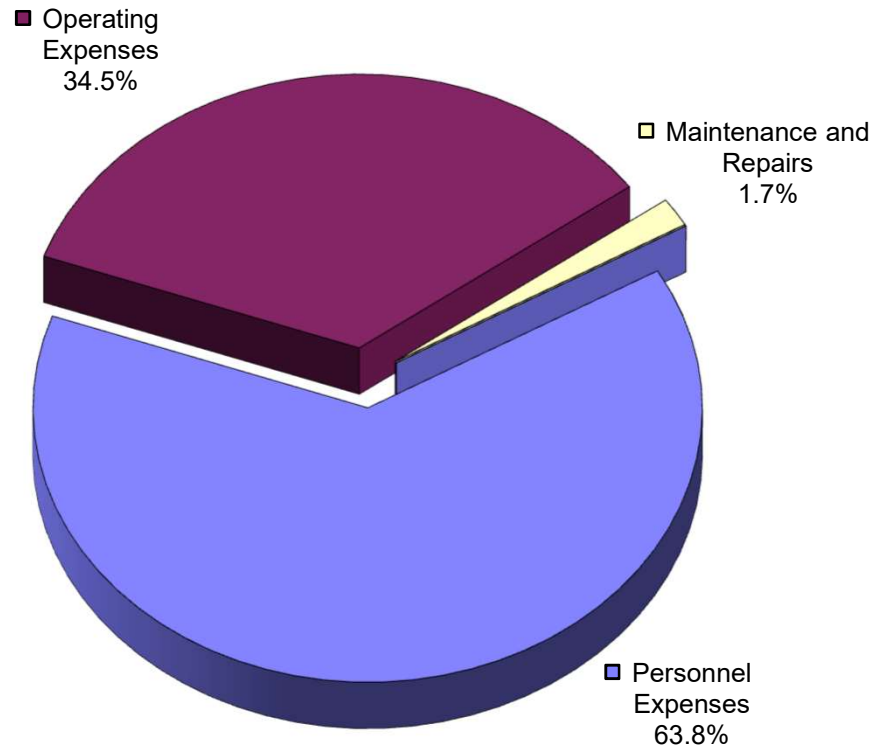


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General	4,092,930	4,561,950	4,885,106
Operating Interest	27,479	31,000	85,000
Grant & Interlocal Agreement Income			
Miscellaneous Income	3,844	500	105,901
Total Operating Revenue	4,124,253	4,593,450	5,076,007
Capacity Charge Revenue			
I/F Loan Repayments from Operations		700,000	700,000
Grand Total Revenues	4,124,253	5,293,450	5,776,007



Budget Summary

EXPENSES - GENERAL



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	2,805,548	3,156,237	3,679,614
Operating Expenses	1,915,868	1,952,213	1,992,668
Maintenance and Repairs	141,941	153,000	97,500
Administrative & General			
Capital Expense & Outlay	276,569	32,000	
Transfers			
Total Operating and M&R Expenses	5,139,926	5,293,450	5,769,782
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	5,139,926	5,293,450	5,769,782

Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023

**010 - General
Department ***

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Internal Transfers			
43001 REV-ADMIN & GEN CHARGES	4,561,950	4,885,106	323,156
43002 REV-BUILDING/EQUIP RENTAL	500	105,901	105,401
Total Internal Transfers	4,562,450	4,991,007	428,557
Operating Interest			
44101 INT-OPR CASH ACCOUNTS	25,000	25,000	-
44110 INT-OPR INVESTMENT FUNDS	6,000	60,000	54,000
Total Operating Interest	31,000	85,000	54,000
Total Operating Revenue	4,593,450	5,076,007	482,557
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	2,899,902	3,044,638	144,736
51102 LBR-OVERTIME	18,491	8,509	(9,982)
Total Salaries	2,918,393	3,053,147	134,754
Benefits			
51201 BEN-FICA/MED	1,213,805	1,287,014	73,209
51202 BEN-RETIREMENT	2,321,859	2,649,850	327,991
51203 BEN-HEALTH/DENTAL/VISION INSURANCE	2,256,758	2,623,950	367,192
51204 BEN-LIFE INSURANCE, LTD, AD&D	161,400	165,375	3,975
51298 BEN-BENEFIT ALLOCATION	(5,715,978)	(6,099,722)	(383,744)
Total Benefits	237,844	626,467	388,623
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	101,000	101,000	-
52110 OPR-SMALL TOOLS AND SUPPLIES	1,000	1,000	-
52111 OPR-PUBLIC NOTICES AND COMMUNICATIONS	27,500	40,000	12,500
52120 OPR-UNIFORMS	17,900	18,350	450
52121 OPR-SAFETY & EMERGENCY EXPENSE	39,000	24,000	(15,000)

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52122	OPR-SECURITY EXPENSE	10,000	10,000	-
52125	OPR-VEHICLE EXPENSE	40,000	40,000	-
52126	OPR-FLEET LEASE EXPENSE	36,417	40,975	4,558
	Total Operating Supplies & Services	272,817	275,325	2,508
	Professional Services and Fees			
52202	OPR-PROFESSIONAL SERVICES-LEGAL	24,675	25,000	325
52204	OPR-PROFESSIONAL SERVICES-EMPLOYEE RELATED	87,175	123,575	36,400
52205	OPR-PROFESSIONAL SERVICES-OTHER	505,500	500,500	(5,000)
52215	OPR-GUADALUPE BLANCO RIVER TRUST	224,000	224,000	-
52220	OPR-BANK FEES	5,640	14,200	8,560
52222	OPR-MEMBERSHIPS & PUBLICATIONS	31,749	25,500	(6,249)
52223	OPR-LICENSE & TRAINING	78,600	78,300	(300)
52224	OPR-TRAVEL & MEETINGS	52,900	43,800	(9,100)
	Total Professional Services and Fees	1,010,239	1,034,875	24,636
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	28,000	28,500	500
52302	OPR-COMPUTER & SOFTWARE EXPENSE	268,050	265,500	(2,550)
52304	OPR-COPY SUPPLIES AND SERVICES	18,200	23,320	5,120
52305	OPR-POSTAGE AND FREIGHT EXPENSE	9,800	1,800	(8,000)
52306	OPR-COMMUNICATIONS	47,900	49,700	1,800
52322	OPR-MEDIA EXPENSE	2,500	10,000	7,500
52323	OPR-EMPLOYEE RELATIONS	50,000	50,000	-
52330	OPR-OUTSOURCED PRINTING EXPENSE	26,500	21,500	(5,000)
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	22,560	22,800	240
	Total Office Expenses	473,510	473,120	(390)
	Other Operating Expenses			
52401	OPR-DIRECTORS EXPENSES	15,000	15,000	-
52403	OPR-OFFICE/BUILDING RENTAL	115,508	115,548	40
52420	OPR-INSURANCE EXPENSE	55,139	63,800	8,661
52430	OPR-MISC EXPENSE	10,000	15,000	5,000
	Total Other Operating Expenses	195,647	209,348	13,701
	SUBTOTAL OF OPERATIONAL EXPENSES	5,108,450	5,672,282	563,832
	Structures			
53201	M&R-BUILDING	95,000	82,500	(12,500)
	Total Structures	95,000	82,500	(12,500)
	Other Maintenance & Repairs			
53310	M&R-GROUNDS/ROW	57,000	15,000	(42,000)
53399	M&R-MISC EXPENSE	1,000	-	(1,000)
	Total Other Maintenance & Repairs	58,000	15,000	(43,000)

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
	SUBTOTAL OF M&R EXPENSES	<u>153,000</u>	<u>97,500</u>	<u>(55,500)</u>
	Capital Outlay			
13218	OFFICE FURNITURE & EQUIP	<u>32,000</u>	<u>-</u>	<u>(32,000)</u>
	Total Capital Outlay	<u>32,000</u>	<u>-</u>	<u>(32,000)</u>
	TOTAL OPERATING AND M&R EXPENSES	<u>5,293,450</u>	<u>5,769,782</u>	<u>476,332</u>
	Net Operating Income	<u>(700,000)</u>	<u>(693,775)</u>	<u>6,225</u>
 DEBT SERVICE BUDGET				
	Internal Loan Revenue			
12532	I/F LOAN PAID-STEIN FALLS	<u>700,000</u>	<u>700,000</u>	<u>-</u>
	Total Internal Loan Revenue	<u>700,000</u>	<u>700,000</u>	<u>-</u>
	Total Debt Revenue	<u>700,000</u>	<u>700,000</u>	<u>-</u>
	 Net Change in Debt Service Budget	 <u>700,000</u>	 <u>700,000</u>	 <u>-</u>
	Net Change in Fund Balance	<u>-</u>	<u>6,225</u>	<u>6,225</u>



Guadalupe Valley Hydroelectric

This division operates hydroelectric plants located in Guadalupe and Gonzales counties that generate electricity for the Guadalupe Valley Electric Cooperative (GVEC). The Seguin Control Room personnel continuously monitor and operate the hydro plants. The six hydroelectric dams are located at Lake Dunlap, Lake McQueeney, Lake Placid and Lake Nolte in Guadalupe County and at Lake Gonzales and Lake Wood in Gonzales County.

GBRA Purchase Date: 1963 (purchased hydro plants from the Texas Power Corporation and the Texas Hydro-Electric Corporation).

After nearly 90 years in operation and numerous repairs and rehabilitations, the spillgates at Lake Wood failed in 2016. This was followed by a failure at Lake Dunlap in 2019 as well as inoperable spillgates at Lakes Placid and Gonzales in 2021. Lake McQueeney and Meadow Lake are still in operation. Separate Water Control & Improvement Districts have been formed by homeowners in the areas of Lakes Dunlap, McQueeney, and Placid in order to generate property tax revenue to pay for debt service to rebuild the dams and spillgates.

In addition to providing maintenance and operating functions for both the Guadalupe Valley Hydroelectric Division and the Canyon Hydroelectric Division, division employees also monitor changing weather conditions and river flows for operation of dams during high rainfall events, furnish rainfall data to GBRA staff and local emergency management coordinators, and provide support services to other divisions.

-
- | | |
|---|---|
| <ul style="list-style-type: none">• Service Provided: Hydroelectric Generation• Location: Guadalupe/Gonzales Counties• Startup Operation Date: 1928-1932• Customer: Guadalupe Valley Electric Coop• Plant Capacity: 16 MW | <ul style="list-style-type: none">• # of Current Employees: 14• Budgeted Revenue: \$125,000, due to construction and inoperable spillgates |
|---|---|

Guadalupe Valley Hydroelectric Division

Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

The Guadalupe Valley Hydroelectric Division (GVHD) is comprised of six low-head hydroelectric plants in Guadalupe and Gonzales Counties. All electricity produced by the Division is delivered to the Guadalupe Valley Electric Cooperative (GVEC).

The Guadalupe Valley Hydroelectric Division is managed by a Division Manager. Employees in the division are assigned to the operation of the hydroelectric system and are subdivided into work groups consisting of the maintenance team and control room operators. Their objective is the safe and efficient operation and maintenance of the Division's facilities including six generating plants, six dams, two electric substations, two canals, and 22 miles of transmission lines.

Currently, only two of the six dams/spillgates are in operation so divisional employees dedicate a good portion of their time assisting other divisions.

REVENUE SOURCES AND TRENDS

The GVHD is a run-of-the-river system and its production is considered non-firm power since the amount of river flow available for generation is uncertain from one year to the next.

Currently, the income from power generation for the GVHD consists of two parts, a monthly fixed charge of \$41,666.66 and an energy charge of \$0.0314 per kilowatt-hour (kWh) of electricity generated. The two-part rate structure provides some revenue to offset costs during low flow periods. Due to the ongoing and planned construction as well as failure of other dams downstream, the revenue associated with the monthly fixed charge is based only on three months totaling \$125,000 for the two operational dams. No revenue is estimated for the production of electricity.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Significant expenses include personnel costs of \$884,942, power & utilities of \$50,000, vehicle expenses including fuel and repairs of \$70,000, TCEQ regulatory fees of \$88,300, and insurance expense of \$164,600.

Totaling \$245,000, expenses included in the maintenance and repairs category are turbine inspections to ensure maximum performance and continued reliability as well as inspections of transmission lines, circuit breakers, transformers, protective relays, and generators.

Total expenses are projected to be \$1,884,257.

FUND BALANCE

Hydroelectric power sales are insufficient to cover expenses of the operation. The budgeted deficit is projected to be \$1,759,257.



Staffing Summary

GV Hydroelectric	# of Authorized Positions (FTE)		
	2021	2022	2023
Deputy Division Manager - Hydroelectric Operations	1	1	---
Maintenance Supervisor	1	1	1
Purchasing & Inventory Coordinator	1	1	1
Control Room Operator	4	4	4
Heavy Equipment Operator	1	1	1
Maintenance Crew	9	8	7
Total	17	16	14

Changes from FY 2021 to FY 2022

1-Maintenance Crew position was removed from this division.

Changes from FY 2022 to FY 2023

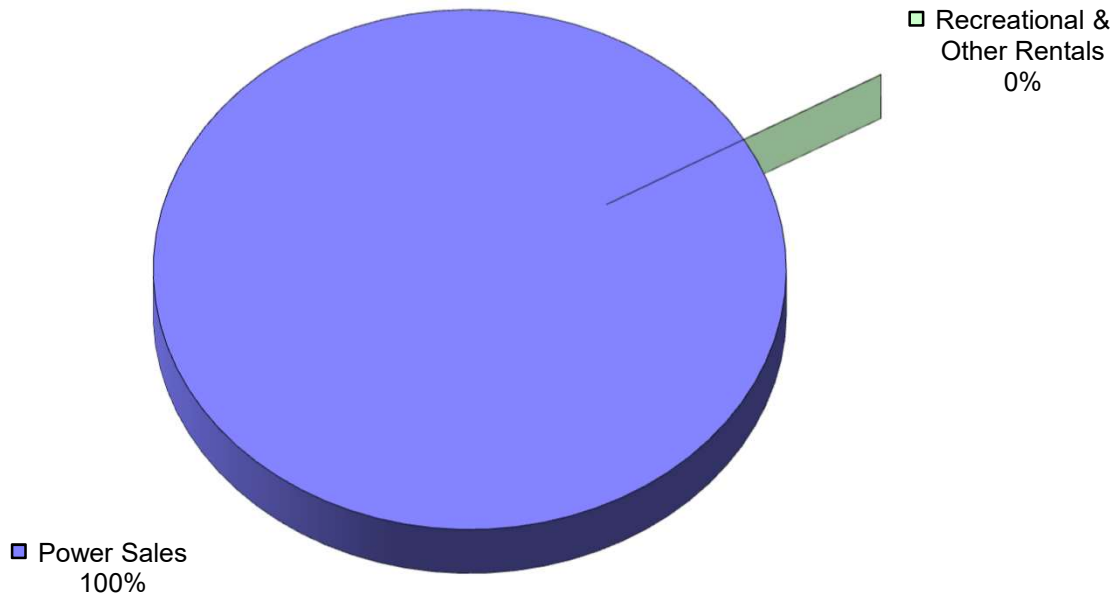
1-Deputy Division Manager was removed from this division.

1-Maintenance Crew position was removed from this division.



Budget Summary

REVENUES - GUADALUPE VALLEY HYDROELECTRIC

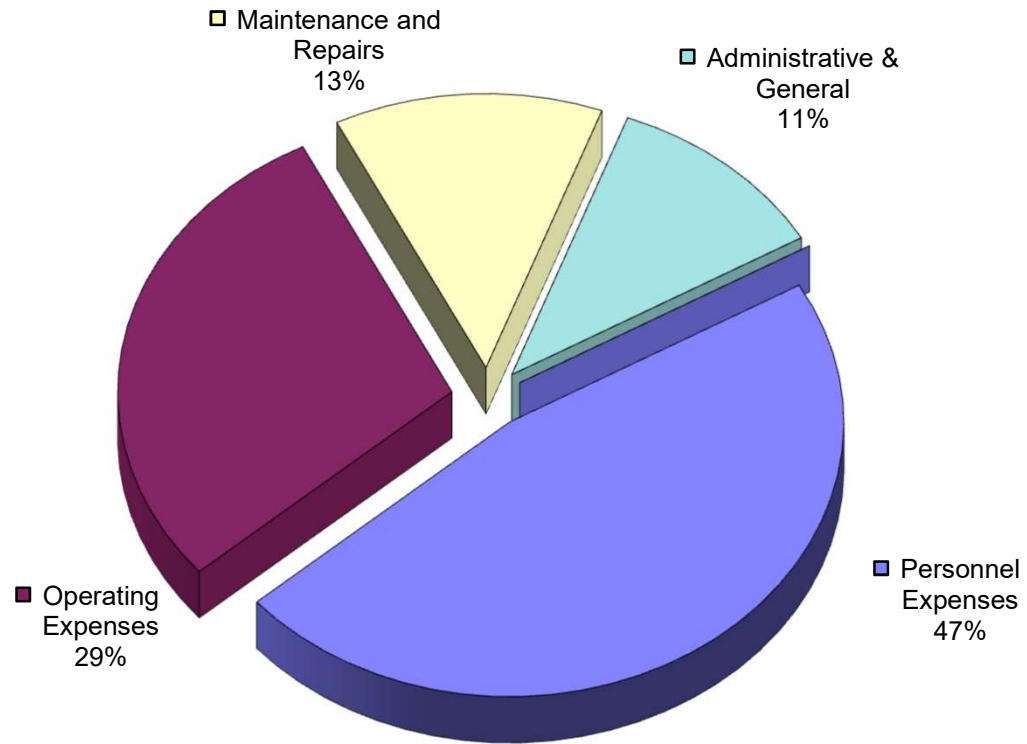


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales	1,678,905	1,434,408	125,000
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals	4,156		
Administrative & General			
Operating Interest	8,908		
Grant & Interlocal Agreement Income			
Miscellaneous Income	4,675		
Total Operating Revenue	1,696,644	1,434,408	125,000
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	1,696,644	1,434,408	125,000



Budget Summary

EXPENSES - GUADALUPE VALLEY HYDROELECTRIC



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	1,268,910	1,328,673	884,942
Operating Expenses	463,523	607,159	546,464
Maintenance and Repairs	163,091	633,000	245,000
Administrative & General	297,385	312,073	207,851
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	2,192,909	2,880,905	1,884,257
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	2,192,909	2,880,905	1,884,257

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**021 - Guadalupe Valley Hydroelectric
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Hydroelectric				
42701	ENERGY CHARGE	726,075	-	(726,075)
42702	FACILITY CHARGE	708,333	125,000	(583,333)
	Total Hydroelectric	1,434,408	125,000	(1,309,408)
	Total Operating Revenue	1,434,408	125,000	(1,309,408)
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	862,539	602,891	(259,648)
51102	LBR-OVERTIME	83,136	26,961	(56,175)
	Total Salaries	945,675	629,852	(315,823)
Benefits				
51298	BEN-BENEFIT ALLOCATION	382,998	255,090	(127,908)
	Total Benefits	382,998	255,090	(127,908)
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	30,000	50,000	20,000
52102	OPR-AUXILIARY POWER EXPENSE	3,000	2,000	(1,000)
52110	OPR-SMALL TOOLS AND SUPPLIES	20,000	20,000	-
52120	OPR-UNIFORMS	14,000	14,000	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	25,000	25,000	-
52125	OPR-VEHICLE EXPENSE	55,000	70,000	15,000
52126	OPR-FLEET LEASE EXPENSE	47,600	15,564	(32,036)
52133	OPR-SCADA	5,500	13,200	7,700
	Total Operating Supplies & Services	200,100	209,764	9,664
Professional Services and Fees				
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	80,000	-	(80,000)
52216	OPR-REGULATORY FEES	88,300	88,300	-
52222	OPR-MEMBERSHIPS & PUBLICATIONS	1,000	1,000	-

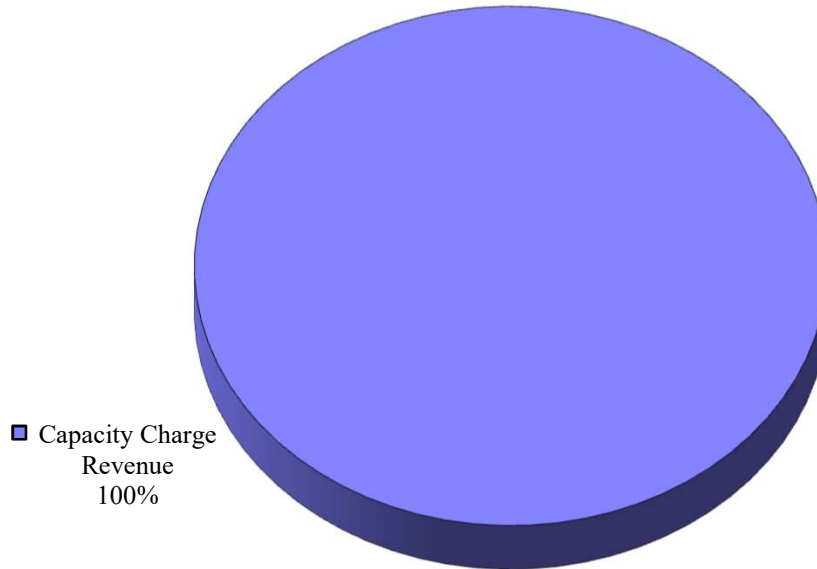
		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52223	OPR-LICENSE & TRAINING	5,000	5,000	-
52224	OPR-TRAVEL & MEETINGS	3,000	3,000	-
	Total Professional Services and Fees	177,300	97,300	(80,000)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	2,500	2,500	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	14,950	17,050	2,100
52303	OPR-WIDE AREA NETWORK EXPENSE	3,000	1,650	(1,350)
52305	OPR-POSTAGE AND FREIGHT EXPENSE	200	400	200
52306	OPR-COMMUNICATIONS	12,000	12,000	-
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	5,000	5,000	-
	Total Office Expenses	37,650	38,600	950
	Other Operating Expenses			
52403	OPR-OFFICE/BUILDING RENTAL	16,200	16,200	-
52420	OPR-INSURANCE EXPENSE	160,909	164,600	3,691
52430	OPR-MISC EXPENSE	15,000	20,000	5,000
	Total Other Operating Expenses	192,109	200,800	8,691
	SUBTOTAL OF OPERATIONAL EXPENSES	1,935,832	1,431,406	(504,426)
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	6,000	15,000	9,000
53105	M&R-GENERATORS	-	30,000	30,000
53120	M&R-BOATS	5,000	-	(5,000)
	Total Maintenance and Repair Equipment	11,000	45,000	34,000
	Structures			
53201	M&R-BUILDING	12,000	20,000	8,000
53235	M&R-TRANSMISSION LINES	350,000	25,000	(325,000)
53245	M&R-POWERHOUSE	130,000	-	(130,000)
	Total Structures	492,000	45,000	(447,000)
	Other Maintenance & Repairs			
53310	M&R-GROUNDS/ROW	80,000	155,000	75,000
53325	M&R-GENERAL MAINTENANCE	40,000	-	(40,000)
53399	M&R-MISC EXPENSE	10,000	-	(10,000)
	Total Other Maintenance & Repairs	130,000	155,000	25,000
	SUBTOTAL OF M&R EXPENSES	633,000	245,000	(388,000)
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	312,073	207,851	(104,222)
	Total Administrative & General	312,073	207,851	(104,222)

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
TOTAL OPERATING AND M&R EXPENSES	<u>2,880,905</u>	<u>1,884,257</u>	<u>(996,648)</u>
Net Operating Income	<u>(1,446,497)</u>	<u>(1,759,257)</u>	<u>(312,760)</u>
Net Change in Fund Balance	<u>(1,446,497)</u>	<u>(1,759,257)</u>	<u>(312,760)</u>



Budget Summary

REVENUES - LAKE DUNLAP DAM

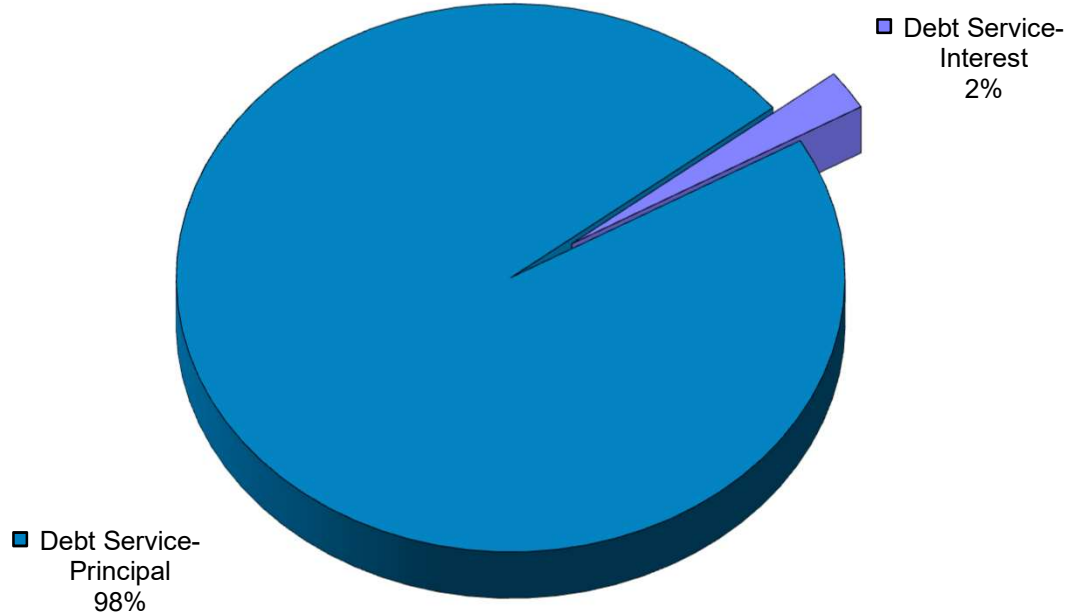


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue			
Capacity Charge Revenue			1,453,649
I/F Loan Repayments from Operations			
Grand Total Revenues	0	0	1,453,649



Budget Summary

EXPENSES - LAKE DUNLAP DAM



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses			
Operating Expenses			
Maintenance and Repairs			
Administrative & General			
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses			
Debt Service-Principal			1,420,000
Debt Service-Interest			33,649
Debt Service-Bond Covenant Fund			
Grand Total Expenses			1,453,649

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**023-Lake Dunlap Dam (WCID)
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
DEBT SERVICE BUDGET				
	Capacity Charge Revenue			
42630	DEBT SERV-2021 LK DUNLAP WCID	-	1,453,649	1,453,649
	Total Capacity Charge Revenue	-	1,453,649	1,453,649
	Total Debt Revenue	-	1,453,649	1,453,649
	Principal Payments Expense			
21222	BOND-2021 LAKE DUNLAP DAM TWDB	-	1,420,000	1,420,000
	Total Principal Payments Expense	-	1,420,000	1,420,000
	Interest Expense			
57216	INT-2021 LAKE DUNLAP DAM, TWDB	-	33,649	33,649
	Total Interest Expense	-	33,649	33,649
	Total Debt Expense	-	1,453,649	1,453,649
	Net Change in Debt Service Budget	-	-	-
	Net Change in Fund Balance	-	-	-

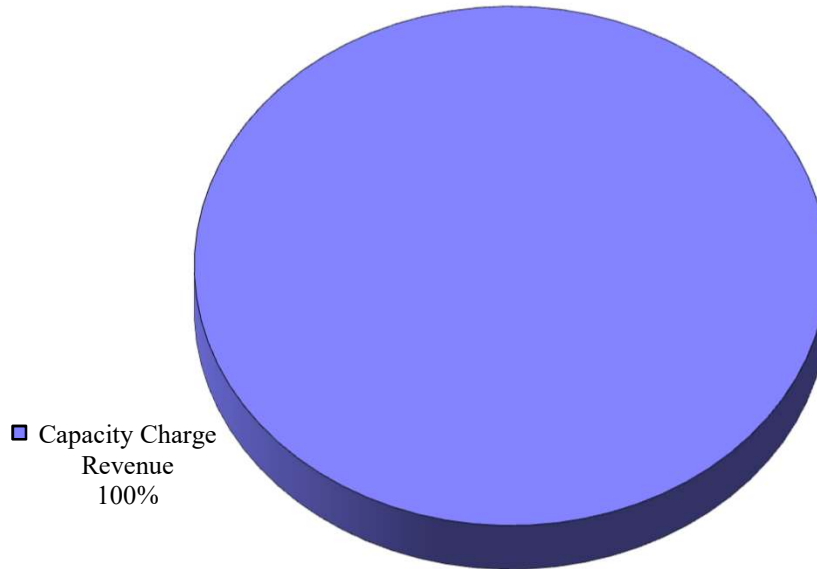


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Budget Summary

REVENUES - LAKE McQUEENEY DAM

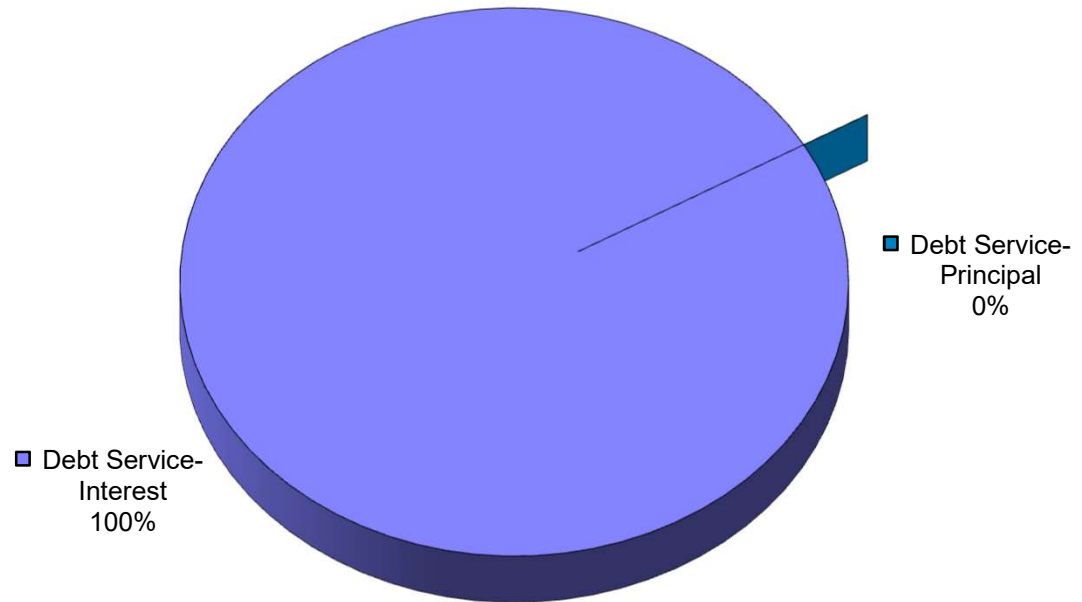


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue			
Capacity Charge Revenue			523,050
I/F Loan Repayments from Operations			
Grand Total Revenues	0	0	523,050



Budget Summary

EXPENSES - LAKE McQUEENEY DAM



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses			
Operating Expenses			
Maintenance and Repairs			
Administrative & General			
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses			
Debt Service-Principal			
Debt Service-Interest			523,050
Debt Service-Bond Covenant Fund			
Grand Total Expenses			523,050

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**024-Lake McQueeney Dam (WCID)
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
DEBT SERVICE BUDGET				
	Capacity Charge Revenue			
42631	DEBT SERV-2021 LK McQUEENEY WCID	-	523,050	523,050
	Total Capacity Charge Revenue	-	523,050	523,050
	Total Debt Revenue	-	523,050	523,050
	Interest Expense			
57217	INT-2021 LAKE McQUEENEY DAM, TWDB	-	523,050	523,050
	Total Interest Expense	-	523,050	523,050
	Total Debt Expense	-	523,050	523,050
	Net Change in Debt Service Budget	-	-	-
	Net Change in Fund Balance	-	-	-

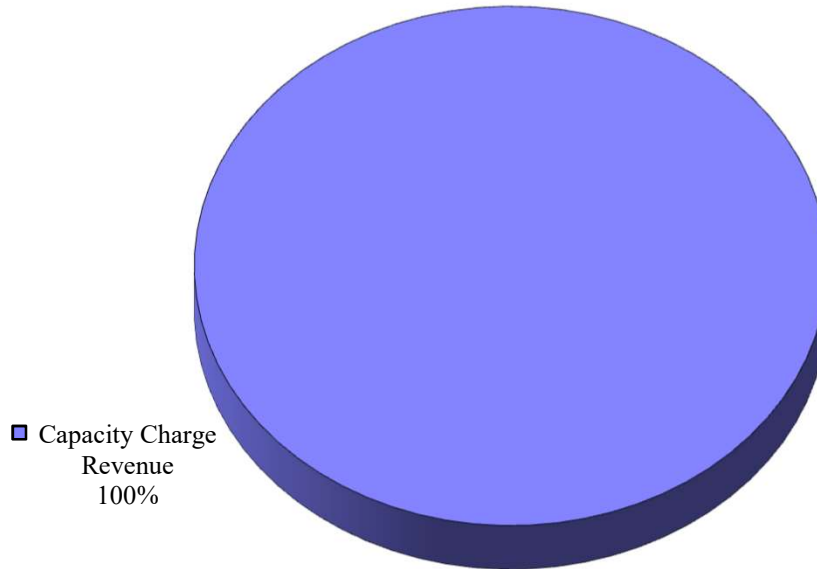


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Budget Summary

REVENUES - LAKE PLACID DAM

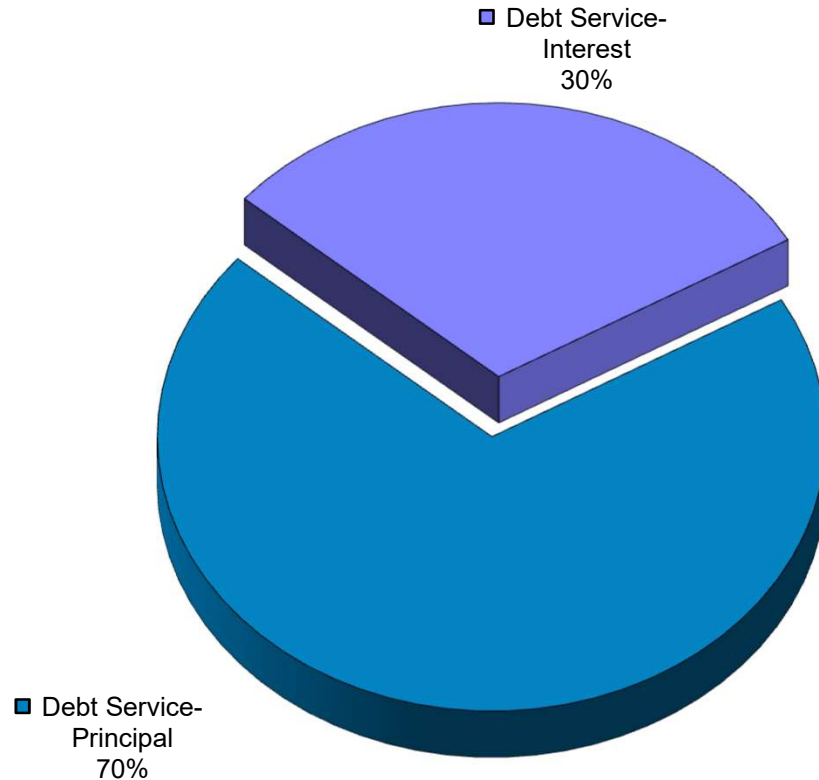


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue			
Capacity Charge Revenue			1,350,735
I/F Loan Repayments from Operations			
Grand Total Revenues	0	0	1,350,735



Budget Summary

EXPENSES - LAKE PLACID DAM



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses			
Operating Expenses			
Maintenance and Repairs			
Administrative & General			
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses			
Debt Service-Principal			940,000
Debt Service-Interest			410,735
Debt Service-Bond Covenant Fund			
Grand Total Expenses			1,350,735

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**025-Lake Placid Dam (WCID)
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
DEBT SERVICE BUDGET				
	Capacity Charge Revenue			
42632	DEBT SERV-2021 LK PLACID WCID		1,350,735	1,350,735
	Total Capacity Charge Revenue	<u>-</u>	<u>1,350,735</u>	<u>1,350,735</u>
	Total Debt Revenue	<u>-</u>	<u>1,350,735</u>	<u>1,350,735</u>
	Principal Payments Expense			
21229	BOND-2022 LAKE PLACID DAM TWDB	-	940,000	940,000
	Total Principal Payments Expense	<u>-</u>	<u>940,000</u>	<u>940,000</u>
	Interest Expense			
57218	INT-2021 LAKE PLACID DAM, TWDB	-	19,459	19,459
57221	INT-2022 LAKE PLACID DAM, TWDB	-	391,276	391,276
	Total Interest Expense	<u>-</u>	<u>410,735</u>	<u>410,735</u>
	Total Debt Expense	<u>-</u>	<u>1,350,735</u>	<u>1,350,735</u>
	Net Change in Debt Service Budget	<u>-</u>	<u>-</u>	<u>-</u>
	Net Change in Fund Balance	<u>-</u>	<u>-</u>	<u>-</u>



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Shadow Creek WWTP

Shadow Creek Waste Water Treatment Plant

Operated under contract with the North Hays County Municipal Utility District #1, the Shadow Creek Wastewater System provides wastewater service to the Shadow Creek Subdivision located in north Hays County. The wastewater plant is designed to treat 372,000 gallons per day and includes two treatment trains, each containing two aeration basins, one clarifier, and a sludge holding tank. An automated bar screen, cloth disk filters, and an emergency generator were added during the 2017 plant expansion. Phosphorus removal is accomplished by the addition of aluminum sulfate to the aeration basin. Operators are also responsible for a wastewater collection system that includes three lift stations.

The system is served by a staff of 7 employees who also operate wastewater treatment plants in the City of Buda and the Sunfield Municipal Utility District.

-
- Service Provided: Wastewater treatment
 - Service Area: Hays County
 - # of Gallons Treated: 108,000,000

- Startup Operation Date: January 1, 2006
- Budgeted Revenue: \$1,256,784

Rural Utilities Division

Shadow Creek Wastewater Reclamation Facility System

Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

GBRA assumed operations of the Shadow Creek Wastewater Reclamation Facility, which consists of retail wastewater collection and treatment of domestic sewage on January 1, 2006. The System is within the Hays Wastewater Division and is supervised by the Hays Wastewater Manager and operated by eight operators dividing their time between the Buda, Shadow Creek, and Sunfield plants. In addition, some contract labor and support from other GBRA Divisions are included in the form of electrical, preventive maintenance, supervision, engineering, purchasing, laboratory, and administrative functions. GBRA's budget forecast includes all payroll and benefit expenses. Serving as a facilitator to the team will be the Division Manager-Hays/Caldwell Counties.

REVENUE SOURCES AND TRENDS

The following Work Plan and Budget for the Shadow Creek System is based on the treatment of an estimated sewage flow of 108 million gallons per year or 0.30 million gallons per day. The budgeted FY 2023 revenue for the Shadow Creek System is \$1,256,784.

The contract between the North Hays County Municipal Utility District #1 (MUD) and GBRA provides that GBRA operate the plant and associated facilities and transmit monthly utility bills to customers of the system. The monthly wastewater service fee charged to each residential customer is budgeted to remain at the same \$36.00/month as has been the case since Fiscal Year 2012. The contract also provides that GBRA will bill the District for any cost of operating the plant and collection system not recovered from the customers.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The total operating expenditure budget for FY 2023 amounts to \$928,773.

Significant operating and maintenance expenses are power costs of \$120,000, biosolids disposal of \$60,000, laboratory testing and supplies and expenses of \$30,800, and customer billing fees of \$32,331 to be paid to Goforth Special Utility District for collection of monthly sewer bills from customers.

With the exception of property insurance, GBRA is responsible for insurance and risk management and this budget has accordingly included \$5,900 for insurance. The budget also includes the standard administration and general cost percentage charged to all operating divisions of GBRA.

There are no capital additions budgeted for FY 2023.

FUND BALANCE

Funds for the above listed maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided from revenues from the customers of the system. The net change in the fund balance that GBRA anticipates in the Shadow Creek System is \$328,011.



Staffing Summary

Shadow Creek/Sunfield WWTPs	# of Authorized Positions (FTE)		
	2021	2022	2023
Hays Wastewater Manager	1	1	1
Operator	4	5	6
Total	5	6	7

Changes from FY 2021 to FY 2022

1-Operator position was added for this division.

Changes from FY 2022 to FY 2023

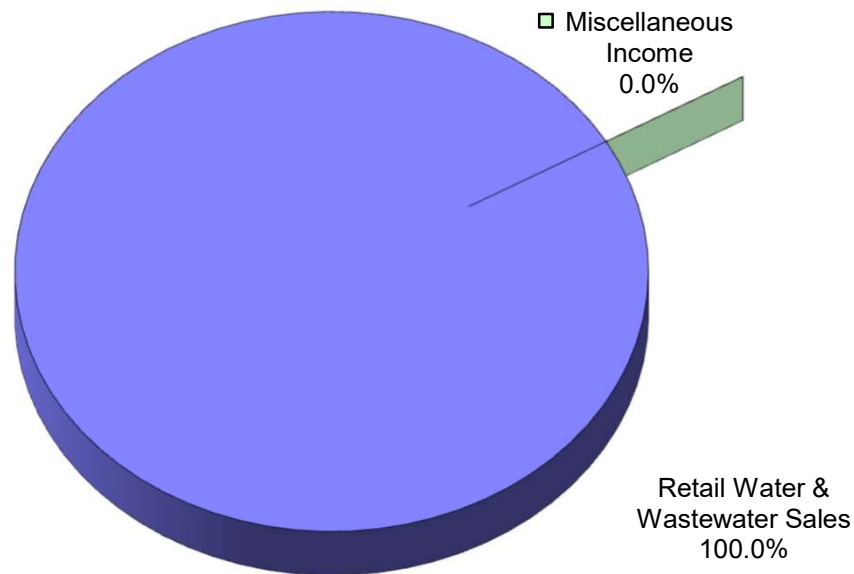
1-Operator position was transitioned to this division from another Hays County operation.

These employees are shared between the Shadow Creek WWTP, the Sunfield WWTP and the Buda WWTP.



Budget Summary

REVENUES - SHADOW CREEK WWTP

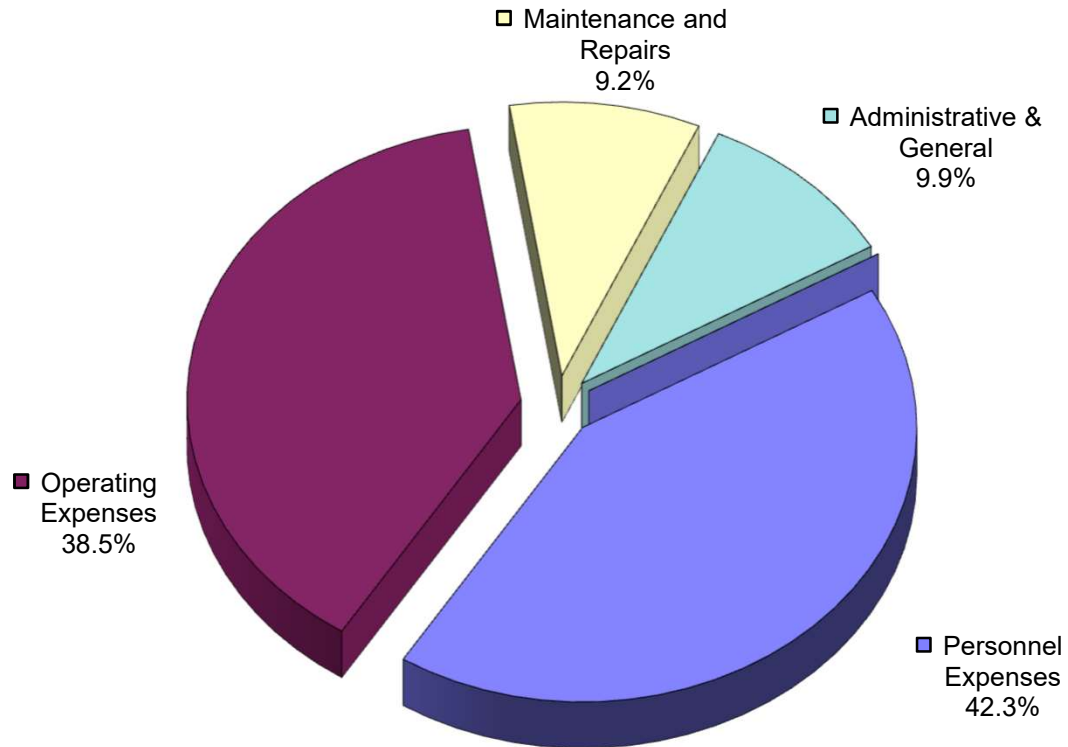


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	945,817	1,103,688	1,256,784
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	945,817	1,103,688	1,256,784
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	945,817	1,103,688	1,256,784



Budget Summary

EXPENSES - SHADOW CREEK WWTP



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	340,111	308,333	393,293
Operating Expenses	288,709	313,778	357,305
Maintenance and Repairs	72,389	132,800	85,800
Administrative & General	78,906	72,420	92,375
Capital Expense & Outlay		121,667	
Transfers			
Total Operating and M&R Expenses	780,115	948,998	928,773
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	780,115	948,998	928,773

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**030 - Shadow Creek WWTP
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	889,488	1,042,584	153,096
42402	SEWER CONNECTION/INSP FEES	207,000	207,000	-
42405	TRANSFER FEES	7,200	7,200	-
	Total Retail Wastewater	1,103,688	1,256,784	153,096
	Total Operating Revenue	1,103,688	1,256,784	153,096
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	209,602	267,969	58,367
51102	LBR-OVERTIME	9,852	11,955	2,103
	Total Salaries	219,454	279,924	60,470
Benefits				
51298	BEN-BENEFIT ALLOCATION	88,879	113,369	24,490
	Total Benefits	88,879	113,369	24,490
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	102,000	120,000	18,000
52102	OPR-AUXILIARY POWER EXPENSE	8,000	8,000	-
52103	OPR-CHEMICALS	24,100	35,100	11,000
52110	OPR-SMALL TOOLS AND SUPPLIES	1,000	1,000	-
52113	OPR-LAB SUPPLIES	4,500	4,500	-
52114	OPR-LABORATORY SERVICES-GBRA	23,000	25,000	2,000
52115	OPR-LABORATORY SERVICES-OUTSOURCED	1,300	1,300	-
52118	OPR-DISPOSAL SERVICES	57,000	60,000	3,000
52120	OPR-UNIFORMS	2,600	2,600	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	3,000	4,000	1,000
52123	OPR-EQUIPMENT RENTAL	10,117	19,774	9,657
52124	OPR-EQUIPMENT EXPENSE	1,000	1,000	-
52125	OPR-VEHICLE EXPENSE	5,000	5,000	-

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52126	OPR-FLEET LEASE EXPENSE	6,000	4,800	(1,200)
52133	OPR-SCADA	1,500	1,700	200
	Total Operating Supplies & Services	250,117	293,774	43,657
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	3,000	3,000	-
52216	OPR-REGULATORY FEES	-	1,300	1,300
52217	OPR-INSPECTION FEES	1,300	-	(1,300)
52219	OPR-CUSTOMER BILLING FEES	33,000	32,331	(669)
52222	OPR-MEMBERSHIPS & PUBLICATIONS	400	400	-
52223	OPR-LICENSE & TRAINING	2,100	2,100	-
52224	OPR-TRAVEL & MEETINGS	6,000	6,000	-
	Total Professional Services and Fees	45,800	45,131	(669)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	600	800	200
52302	OPR-COMPUTER & SOFTWARE EXPENSE	2,400	4,150	1,750
52303	OPR-WIDE AREA NETWORK EXPENSE	3,000	1,650	(1,350)
52306	OPR-COMMUNICATIONS	5,000	5,000	-
	Total Office Expenses	11,000	11,600	600
	Other Operating Expenses			
52403	OPR-OFFICE/BUILDING RENTAL	900	900	-
52420	OPR-INSURANCE EXPENSE	5,961	5,900	(61)
	Total Other Operating Expenses	6,861	6,800	(61)
	SUBTOTAL OF OPERATIONAL EXPENSES	622,111	750,598	128,487
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	5,000	5,000	-
53110	M&R-CONTROL SYSTEMS	8,000	8,000	-
53115	M&R-METERS	5,000	2,000	(3,000)
	Total Maintenance and Repair Equipment	18,000	15,000	(3,000)
	Structures			
53201	M&R-BUILDING	2,000	2,000	-
53205	M&R-PUMPS AND MOTORS	15,000	15,000	-
53210	M&R-GATES AND VALVES	6,000	6,000	-
53215	M&R-LIFTSTATIONS	15,000	15,000	-
53220	M&R-CLARIFIERS	800	800	-
53238	M&R-FILTERS	6,000	8,000	2,000
	Total Structures	44,800	46,800	2,000
	Other Maintenance & Repairs			
53310	M&R-GROUNDS/ROW	35,000	4,000	(31,000)

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
53325	M&R-GENERAL MAINTENANCE	35,000	20,000	(15,000)
	Total Other Maintenance & Repairs	70,000	24,000	(46,000)
	SUBTOTAL OF M&R EXPENSES	132,800	85,800	(47,000)
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	72,420	92,375	19,955
	Total Administrative & General	72,420	92,375	19,955
	Capital Outlay			
13217	AUTO & HEAVY EQUIPMENT	121,667	-	(121,667)
	Total Capital Outlay	121,667	-	(121,667)
	TOTAL OPERATING AND M&R EXPENSES	948,998	928,773	(20,225)
	Net Operating Income	154,690	328,011	173,321
	Net Change in Fund Balance	154,690	328,011	173,321



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Canyon Park WWT

Canyon Park Estates Waste Water Treatment Plant

The Canyon Park Estates Wastewater Reclamation System serves the Canyon Park subdivision, Northlake development, Windjammer Condominiums, Laguna Park Development, Inc., Canyon Vista Condominiums, Chateau Breeze subdivision, and Hill Country Resort Condominiums. The plant was expanded in FY 2011 to accommodate additional customers.

The wastewater collection and treatment system is operated and maintained by employees of the Western Canyon WTP division.

-
- | | |
|--|-----------------------------------|
| • Service Provided: Wastewater treatment | • Service Area: Comal County |
| • Location: Canyon Lake, Texas | • Permitted Capacity: 180,000 GPD |
| • Startup Date: September 24, 1974 | • Budgeted Revenue: \$497,528 |

Rural Utilities Division

Canyon Park Wastewater Treatment Plant System

Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

The Western Canyon Division is responsible for operating the Canyon Park Estates Wastewater Reclamation system.

The Canyon Park Estates Wastewater Reclamation facility is permitted by the Texas Commission on Environmental Quality to dispose of treated domestic wastewater. It is currently operating under phase one of the permit with a daily average effluent flow not to exceed 180,000 gallons per day (gpd) and with an ultimate capacity of 260,000 gallons per day in phase two. Flow is split between an extended air activated sludge process and the Schreiber “Continuously Sequencing Reactor” process.

Seven operators divide their time between the Cordillera Ranch, Johnson Ranch, Bulverde Singing Hills, Park Village, Four S Ranch, Canyon Park, and Boerne ISD Voss Middle School. Additional manpower and equipment required for maintenance and technical services are transferred as needed from other operating divisions of GBRA. The Division Manager and the Western Canyon/RUD Wastewater Manager provide supervision of the division.

In an effort to provide advanced training and maintain Texas Commission on Environmental Quality wastewater licenses for all division employees, operating personnel will attend courses provided by approved sources such as Texas Engineering Extension Service and Texas Water Utility Association. Personnel will also attend electrical safety, first aid, CPR, hazard communications and team training.

REVENUE SOURCES AND TRENDS

Revenues are obtained through connection and service fees from customers of the Canyon Park Estates wastewater treatment plant. The total service fee revenue for the plant is projected to be \$497,528 for FY 2023 which is \$28,438 or 6.1% more than last year’s budget.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The following Work Plan and Budget describes the operations and maintenance to be performed during FY 2023 at the Canyon Park Estates plant. The objective of the Work Plan and Budget is to keep the wastewater plant operating in a manner necessary to ensure that the quality of effluent meets or exceeds all permit requirements and is suitable for municipal, agricultural and industrial supplies, as well as recreational uses and aquatic life. The Work Plan and Budget also will provide employees the training necessary for continued improvement and professional development.

Significant expenses include personnel costs of \$233,695, power & utilities of \$26,000, chemicals of \$23,000, laboratory supplies and services of \$30,000, interdivisional and external equipment rentals of \$6,392 including belt press, hydro jetter camera, and vehicle leases. Maintenance & repair costs of \$73,500 including continuation of the rehabilitation of the clarifier and the purchase of a second sludge transfer pump.

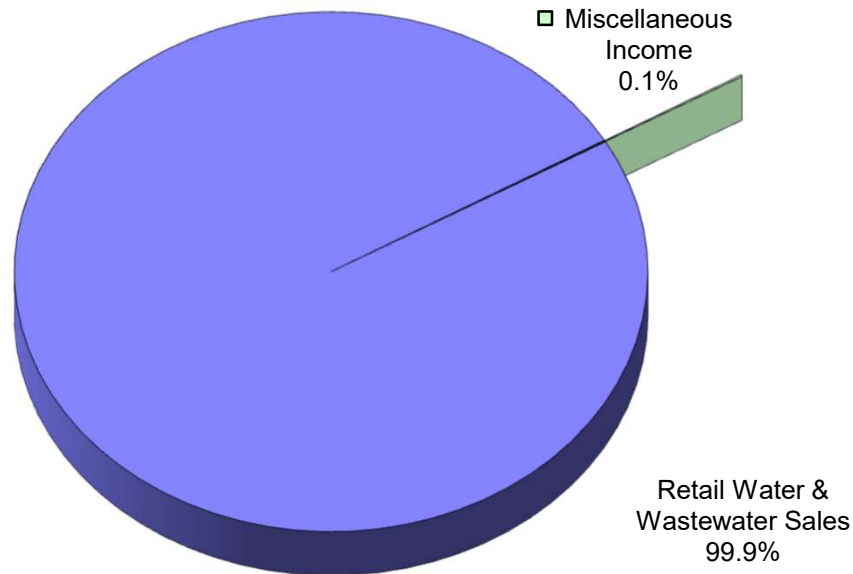
FUND BALANCE

Funds for the above listed capital additions and maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided from revenues from customer billings. The budgeted deficit for the Canyon Park Estates System is projected to be \$11,098.



Budget Summary

REVENUES - CANYON PARK WWTP

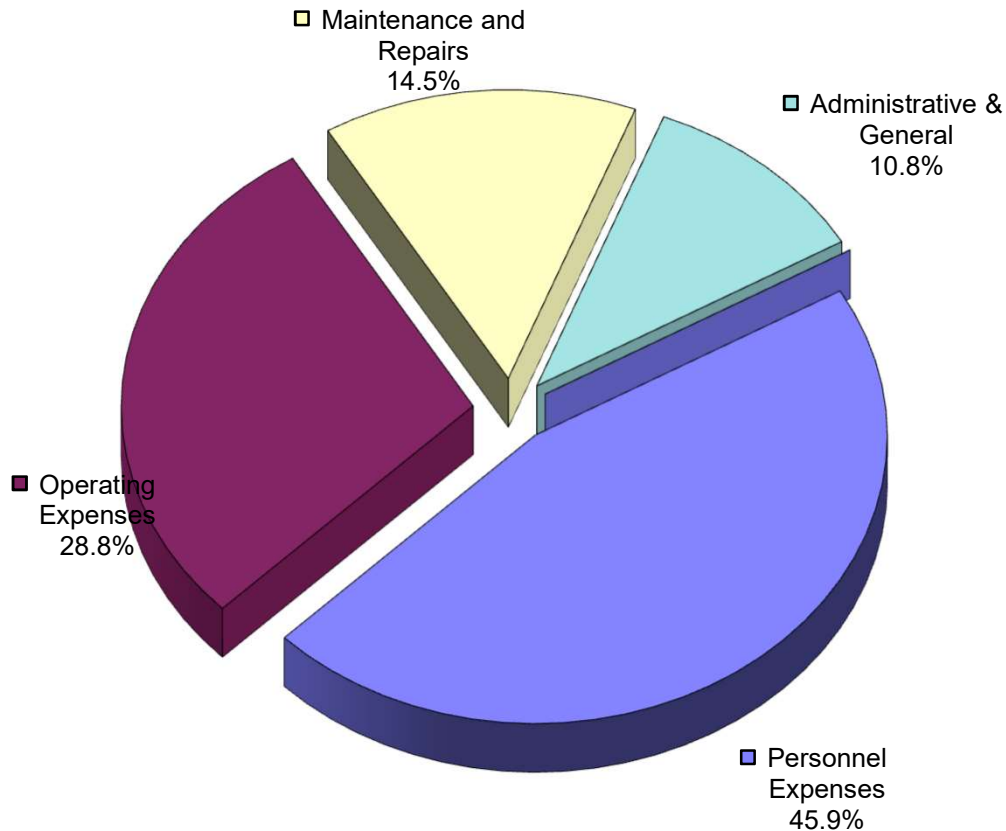


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	448,098	468,390	497,028
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	514	700	500
Total Operating Revenue	448,612	469,090	497,528
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	448,612	469,090	497,528



Budget Summary

EXPENSES - CANYON PARK WWTP



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	156,111	192,519	233,695
Operating Expenses	130,262	138,615	146,542
Maintenance and Repairs	102,739	92,738	73,500
Administrative & General	36,667	45,218	54,889
Capital Expense & Outlay		117,775	
Transfers		(117,775)	
Total Operating and M&R Expenses	425,779	469,090	508,626
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	425,779	469,090	508,626

Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023

032 - Canyon Park WWTP
Department *

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	468,390	497,028	28,638
	Total Retail Wastewater	468,390	497,028	28,638
Misc Income				
45195	MISCELLANEOUS REVENUES	700	500	(200)
	Total Misc Income	700	500	(200)
	Total Operating Revenue	469,090	497,528	28,438
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	113,453	138,181	24,728
51102	LBR-OVERTIME	23,571	28,150	4,579
	Total Salaries	137,024	166,331	29,307
Benefits				
51298	BEN-BENEFIT ALLOCATION	55,495	67,364	11,869
	Total Benefits	55,495	67,364	11,869
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	22,000	26,000	4,000
52102	OPR-AUXILIARY POWER EXPENSE	10,000	10,000	-
52103	OPR-CHEMICALS	18,000	23,000	5,000
52110	OPR-SMALL TOOLS AND SUPPLIES	2,000	2,500	500
52113	OPR-LAB SUPPLIES	4,000	4,000	-
52114	OPR-LABORATORY SERVICES-GBRA	20,000	26,000	6,000
52118	OPR-DISPOSAL SERVICES	9,000	7,500	(1,500)
52120	OPR-UNIFORMS	1,000	1,000	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	1,500	1,500	-
52123	OPR-EQUIPMENT RENTAL	4,286	1,664	(2,622)
52125	OPR-VEHICLE EXPENSE	2,000	2,000	-

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52126	OPR-FLEET LEASE EXPENSE	12,195	4,728	(7,467)
52133	OPR-SCADA	1,500	1,700	200
	Total Operating Supplies & Services	107,481	111,592	4,111
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	1,500	1,500	-
52216	OPR-REGULATORY FEES	-	1,500	1,500
52217	OPR-INSPECTION FEES	1,500	-	(1,500)
52220	OPR-BANK FEES	1,100	1,200	100
52222	OPR-MEMBERSHIPS & PUBLICATIONS	400	400	-
52223	OPR-LICENSE & TRAINING	2,000	2,000	-
52224	OPR-TRAVEL & MEETINGS	4,000	4,000	-
	Total Professional Services and Fees	10,500	10,600	100
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	500	500	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,500	1,300	(200)
52303	OPR-WIDE AREA NETWORK EXPENSE	3,000	1,650	(1,350)
52305	OPR-POSTAGE AND FREIGHT EXPENSE	300	300	-
52306	OPR-COMMUNICATIONS	3,000	3,000	-
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	-	2,500	2,500
	Total Office Expenses	8,300	9,250	950
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	10,334	13,600	3,266
52430	OPR-MISC EXPENSE	2,000	1,500	(500)
	Total Other Operating Expenses	12,334	15,100	2,766
	SUBTOTAL OF OPERATIONAL EXPENSES	331,134	380,237	49,103
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	5,000	5,000	-
	Total Maintenance and Repair Equipment	5,000	5,000	-
	Structures			
53201	M&R-BUILDING	3,000	2,000	(1,000)
53205	M&R-PUMPS AND MOTORS	31,238	20,000	(11,238)
53215	M&R-LIFTSTATIONS	7,000	5,000	(2,000)
53220	M&R-CLARIFIERS	20,000	20,000	-
	Total Structures	61,238	47,000	(14,238)
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	25,000	20,000	(5,000)
53399	M&R-MISC EXPENSE	1,500	1,500	-
	Total Other Maintenance & Repairs	26,500	21,500	(5,000)

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
	SUBTOTAL OF M&R EXPENSES	<u>92,738</u>	<u>73,500</u>	<u>(19,238)</u>
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	<u>45,218</u>	<u>54,889</u>	<u>9,671</u>
	Total Administrative & General	<u>45,218</u>	<u>54,889</u>	<u>9,671</u>
	Capital Outlay			
13211	ELECTRICAL/CONTROL EQUIPMENT	<u>117,775</u>	<u>-</u>	<u>(117,775)</u>
	Total Capital Outlay	<u>117,775</u>	<u>-</u>	<u>(117,775)</u>
	Transfers			
61515	TRANSFERS-RESERVE FUND	<u>(117,775)</u>	<u>-</u>	<u>117,775</u>
	Total Transfers	<u>(117,775)</u>	<u>-</u>	<u>117,775</u>
	TOTAL OPERATING AND M&R EXPENSES	<u>469,090</u>	<u>508,626</u>	<u>39,536</u>
	Net Operating Income	<u><u>-</u></u>	<u><u>(11,098)</u></u>	<u><u>(11,098)</u></u>
	Net Change in Fund Balance	<u><u>-</u></u>	<u><u>(11,098)</u></u>	<u><u>(11,098)</u></u>



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Stein Falls WWTP

Stein Falls Waste Water Treatment Plant

The Stein Falls Wastewater Reclamation System serves the River Bend, Lakeview Heights, Southbank, Oasis, Long Creek, The Bandit, Legends Pond, Ridgemont, White Wing, Preston Estates, Samuels Court, Laubach, Glencrest, and Glendale, subdivisions in Guadalupe County. The plant was expanded in 1985, 1996, and 2006 to accommodate additional customers.

Stein Falls WWTP is part of the Rural Utilities Division and is served by a staff of 5 FTE.

-
- | | |
|--|---|
| • Service Provided: Wastewater treatment | • Service Area: FM 725 south of New Braunfels |
| • Location: New Braunfels, Texas | • Permitted Capacity: 0.95 MGD |
| • Startup Date: December 4, 1973 | • Budgeted Revenue: \$4,124,400 |
-

Rural Utilities Division

Stein Falls Wastewater Treatment Plant System

Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

The Stein Falls Wastewater Reclamation facility is permitted by the Texas Commission on Environmental Quality to treat domestic wastewater at a daily average flow not to exceed 950,000 gallons per day. The treated effluent can be either reused for power plant cooling water or discharge. Due to growth with the area, the collection system will be expanded in FY 2023 to collect additional influent that will be pumped to the plant for treatment.

Five licensed employees, including four operators and a chief operator, provide operation and maintenance of the system as well as provide services to other divisions. Additional manpower and equipment required for maintenance and technical services are provided as needed from other operating divisions of GBRA. The Division Manager and the Western Canyon/RUD Wastewater Manager provide supervision of the division.

In an effort to provide advanced training and maintain Texas Commission on Environmental Quality wastewater licenses for all division employees, operating personnel will attend courses provided by approved sources such as Texas Engineering Extension Service and Texas Water Utility Association. Personnel will also attend electrical safety first aid, CPR, hazard communications and team training.

REVENUE SOURCES AND TRENDS

Revenues are obtained through connection and service fees from customers of the Stein Falls wastewater treatment plant. The total service fee revenue is projected to be \$2,259,900, total connection fee income is \$1,860,000, and transfer fee income is \$4,500 for a total of \$4,124,400 in FY 2023 which is \$1,001,584 or 32.1% more than last year's budget.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The following Work Plan and Budget describes the operations and maintenance to be performed at the Stein Falls Wastewater Treatment Plant. The objective of the Work Plan and Budget is to keep the wastewater plant operating in a manner necessary to ensure that the quality of effluent meets all permit requirements and is suitable for municipal, agricultural and industrial supplies, as well as recreational uses and aquatic life. The Work Plan and Budget also will provide employees the training necessary for continued improvement and professional development.

Significant expenses include personnel costs of \$1,070,917, power & utilities of \$80,000, operation and replacement of generator of \$70,000, chemical costs of \$35,000, interdivisional equipment rentals of \$83,546 including belt press, hydro jetter camera, and vehicle leases, engineering services of \$50,000 and maintenance & repairs of \$178,500.

Total expenses are projected to increase by \$474,396 or 30.5 % in from last year's budget.

FUND BALANCE

Funds for the above listed capital additions and maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided from revenues from customer billings. The net increase in fund balance that GBRA anticipates in the Stein Falls System after paying all FY 2023 budgeted expenditures and receiving the above listed funding sources is \$362,516.

Staffing Summary

Stein Falls WWTPs	# of Authorized Positions (FTE)		
	2021	2022	2023
Chief Operator	1	1	1
Operator	5	4	4
Total	6	5	5

Changes from FY 2021 to FY 2022

1-Operator position was removed from this division.

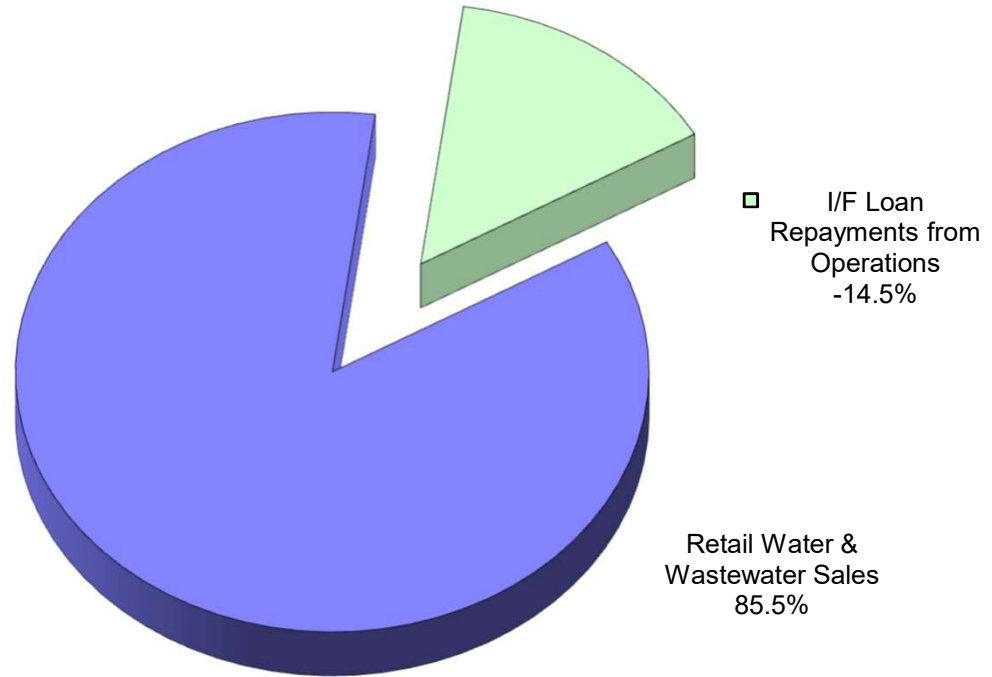
Changes from FY 2022 to FY 2023

No staffing changes for this division.



Budget Summary

REVENUES - STEIN FALLS WWTP

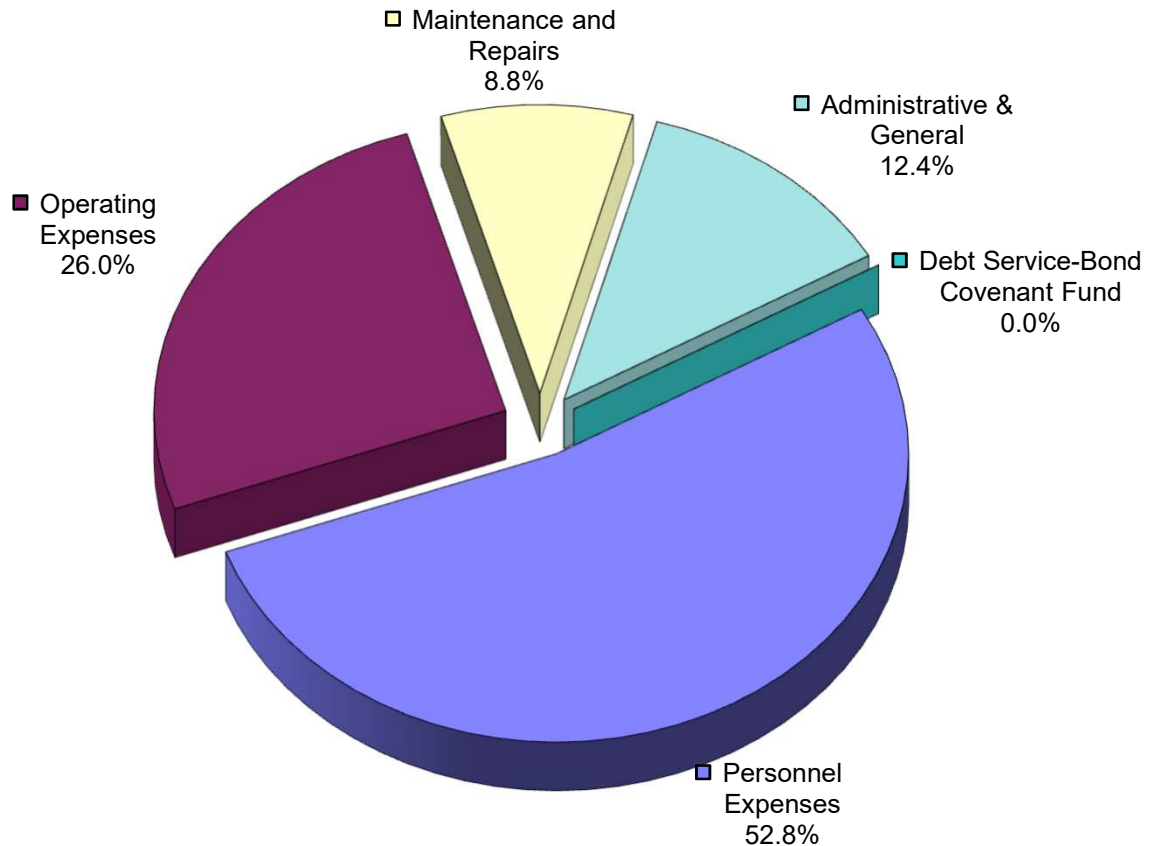


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	4,215,504	3,122,816	4,124,400
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest	2,037		
Grant & Interlocal Agreement Income			
Miscellaneous Income	54,135		
Total Operating Revenue	4,271,676	3,122,816	4,124,400
Capacity Charge Revenue			
I/F Loan Repayments from Operations		(700,000)	(700,000)
Grand Total Revenues	4,271,676	2,422,816	3,424,400



Budget Summary

EXPENSES - STEIN FALLS WWTP



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	816,582	763,450	1,070,917
Operating Expenses	349,730	437,533	527,246
Maintenance and Repairs	183,580	173,500	178,500
Administrative & General	191,186	179,316	251,532
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	1,541,078	1,553,799	2,028,195
Debt Service-Principal	179,605	120,000	125,000
Debt Service-Interest	60,314	56,780	908,689
Debt Service-Bond Covenant Fund			
Grand Total Expenses	1,780,997	1,730,579	3,061,884

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**033 - Stein Falls WWTP
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	1,970,374	2,259,900	289,526
42402	SEWER CONNECTION/INSP FEES	1,147,942	1,860,000	712,058
42405	TRANSFER FEES	4,500	4,500	-
	Total Retail Wastewater	3,122,816	4,124,400	1,001,584
	Total Operating Revenue	3,122,816	4,124,400	1,001,584
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	480,286	696,813	216,527
51102	LBR-OVERTIME	63,095	65,406	2,311
	Total Salaries	543,381	762,219	218,838
Benefits				
51298	BEN-BENEFIT ALLOCATION	220,069	308,698	88,629
	Total Benefits	220,069	308,698	88,629
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	70,000	80,000	10,000
52102	OPR-AUXILIARY POWER EXPENSE	15,000	70,000	55,000
52103	OPR-CHEMICALS	20,000	35,000	15,000
52110	OPR-SMALL TOOLS AND SUPPLIES	10,000	8,000	(2,000)
52113	OPR-LAB SUPPLIES	30,000	15,000	(15,000)
52114	OPR-LABORATORY SERVICES-GBRA	22,000	25,000	3,000
52118	OPR-DISPOSAL SERVICES	10,000	18,000	8,000
52120	OPR-UNIFORMS	4,000	4,000	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	8,000	8,000	-
52122	OPR-SECURITY EXPENSE	1,000	1,000	-
52123	OPR-EQUIPMENT RENTAL	52,724	57,968	5,244
52124	OPR-EQUIPMENT EXPENSE	2,000	2,000	-
52125	OPR-VEHICLE EXPENSE	15,000	15,000	-

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52126	OPR-FLEET LEASE EXPENSE	22,980	25,578	2,598
52133	OPR-SCADA	3,500	1,700	(1,800)
	Total Operating Supplies & Services	286,204	366,246	80,042
	Professional Services and Fees			
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	50,000	50,000	-
52205	OPR-PROFESSIONAL SERVICES-OTHER	5,400	5,400	-
52216	OPR-REGULATORY FEES	-	8,000	8,000
52217	OPR-INSPECTION FEES	10,000	-	(10,000)
52219	OPR-CUSTOMER BILLING FEES	27,000	30,000	3,000
52222	OPR-MEMBERSHIPS & PUBLICATIONS	500	500	-
52223	OPR-LICENSE & TRAINING	4,500	4,500	-
52224	OPR-TRAVEL & MEETINGS	12,000	15,000	3,000
	Total Professional Services and Fees	109,400	113,400	4,000
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	1,000	1,000	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	5,050	6,350	1,300
52303	OPR-WIDE AREA NETWORK EXPENSE	3,000	1,650	(1,350)
52305	OPR-POSTAGE AND FREIGHT EXPENSE	200	500	300
52306	OPR-COMMUNICATIONS	5,000	6,000	1,000
	Total Office Expenses	14,250	15,500	1,250
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	17,679	22,100	4,421
52430	OPR-MISC EXPENSE	10,000	10,000	-
	Total Other Operating Expenses	27,679	32,100	4,421
	SUBTOTAL OF OPERATIONAL EXPENSES	1,200,983	1,598,163	397,180
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	10,000	10,000	-
53110	M&R-CONTROL SYSTEMS	3,500	3,500	-
	Total Maintenance and Repair Equipment	13,500	13,500	-
	Structures			
53201	M&R-BUILDING	2,000	2,000	-
53205	M&R-PUMPS AND MOTORS	10,000	15,000	5,000
53210	M&R-GATES AND VALVES	4,000	4,000	-
53215	M&R-LIFTSTATIONS	40,000	40,000	-
53220	M&R-CLARIFIERS	4,000	4,000	-
	Total Structures	60,000	65,000	5,000
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	90,000	90,000	-

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
53399	M&R-MISC EXPENSE	10,000	10,000	-
	Total Other Maintenance & Repairs	100,000	100,000	-
	SUBTOTAL OF M&R EXPENSES	173,500	178,500	5,000
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	179,316	251,532	72,216
	Total Administrative & General	179,316	251,532	72,216
	TOTAL OPERATING AND M&R EXPENSES	1,553,799	2,028,195	474,396
	Net Operating Income	1,569,017	2,096,205	527,188
DEBT SERVICE BUDGET				
	Internal Loan Revenue			
24201	I/F LOAN-GENERAL	(700,000)	(700,000)	-
	Total Internal Loan Revenue	(700,000)	(700,000)	-
	Total Debt Revenue	(700,000)	(700,000)	-
	Principal Payments Expense			
21106	LOAN-2012 STEIN FALLS EXP, Regions	120,000	125,000	5,000
	Total Principal Payments Expense	120,000	125,000	5,000
	Interest Expense			
57101	INT-LONG TERM LOANS	56,780	52,689	(4,091)
57219	INT-2021 STEIN FALLS CONSTRUCTION	-	856,000	856,000
	Total Interest Expense	56,780	908,689	851,909
	Total Debt Expense	176,780	1,033,689	856,909
	Net Change in Debt Service Budget	(876,780)	(1,733,689)	(856,909)
	Net Change in Fund Balance	692,237	362,516	(329,721)



Sunfield WWTP

The Sunfield plant provides wastewater treatment services for the Sunfield subdivision located in north Hays County east of Buda. The facility is owned by the Sunfield Municipal Utility District #4 and is capable of treating 250,000 gallons per day. Treatment units an aeration basin, clarifier, sludge holding facilities, cloth disk filters, and phosphorus removal using aluminum sulfate.

The system is served by a staff of 9 employees who also operate wastewater treatment plants in the City of Buda and the Shadow Creek subdivision.

- Service Provided: Wastewater treatment
- Service Area: Hays County
- # of Gallons Treated: 195,000,000

- Startup Operation Date: October 23, 2009
- Budgeted Revenue: \$2,272,314

Rural Utilities Division

Sunfield Wastewater Treatment Plant System

Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

GBRA assumed operation of the Sunfield Wastewater Treatment Plant upon completion of construction and plant start-up in October 2009. The System is within the Hays Wastewater Division and is supervised by the Hays Wastewater Manager and operated by eight operators dividing their time between the Buda, Shadow Creek, and Sunfield plants. In addition, some contract labor and support from other GBRA Divisions are included in the form of electrical, preventive maintenance, supervision, engineering, purchasing, laboratory, and administrative functions. GBRA's budget forecast includes all payroll and benefit expenses. Serving as a facilitator to the team will be the Division Manager-Hays/Caldwell Counties.

REVENUE SOURCES AND TRENDS

Revenues are obtained through connection and service fees from customers of the Sunfield Wastewater Treatment Plant. The budgeted revenue for the Sunfield System is \$2,272,314. The following Work Plan and Budget is based on the treatment of an average sewage flow of 195 million gallons per year or 0.534 million gallons per day for Fiscal Year 2023.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The total operating and maintenance expenditures budgeted are \$1,151,210.

In addition to personnel costs, other significant operating and maintenance expenses are power and utility expenses of \$105,000, chemical expenses of \$40,500, biosolids disposal of \$58,000, laboratory expenses of \$28,300. The Sunfield WWTP also shares the expense for the use of a mobile belt press and lateral line video equipment. These are included in the equipment rental line. Additionally, GBRA has entered into an agreement with Goforth Special Utility District to process monthly billing to customers based on a percentage of sewer revenues which are incorporated into budget expenses.

The capital addition of \$90,000 is budgeted for a skid steer with attachments and a trailer to be used for biosolids processing and plant operations.

The budget includes the standard administration and general percentage charged to all operating divisions of GBRA and the budget for this expense is \$93,091.

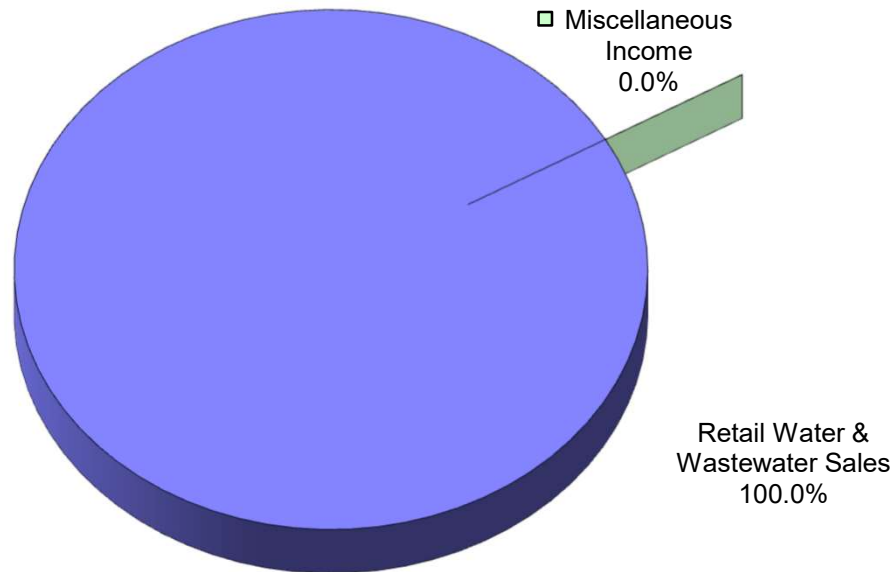
FUND BALANCE

Funds for the above listed capital additions in addition to all of the other operating expenditures that are summarized in the following pages will be provided from revenues from customer billings. In the upcoming FY 2023, the fund balance is expected to be \$1,121,104.



Budget Summary

REVENUES - SUNFIELD WWTP

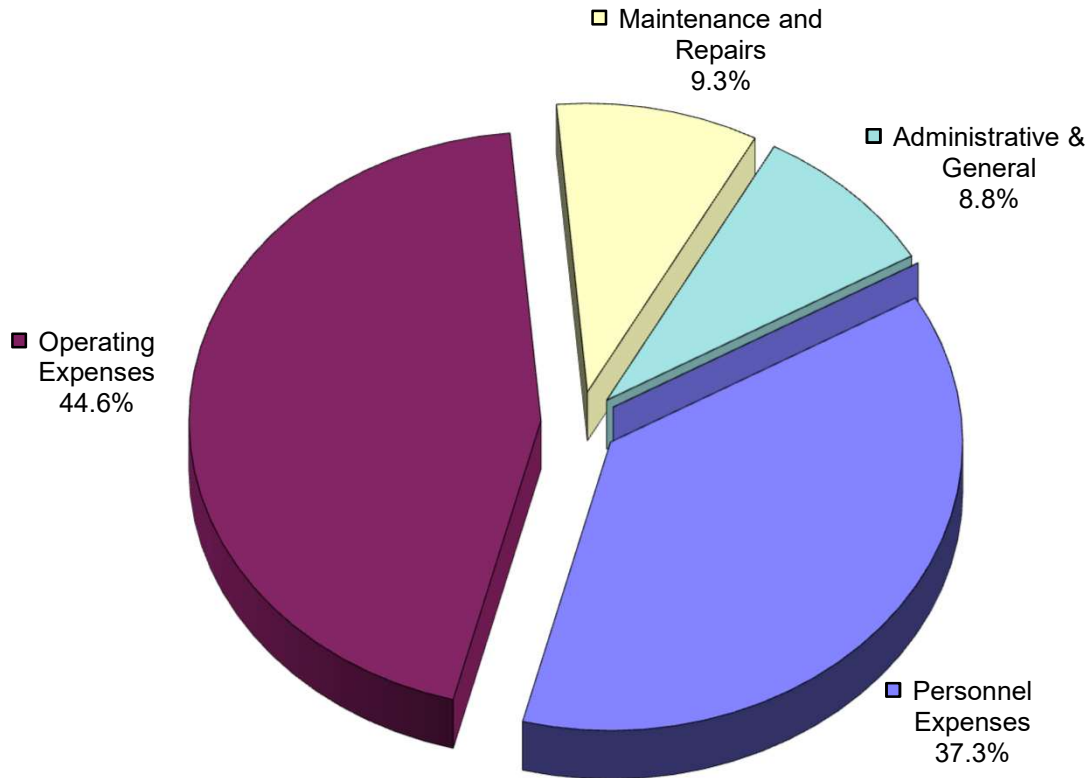


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services	497,510		
Retail Water & Wastewater Sales	305,897	2,091,269	2,272,314
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	803,407	2,091,269	2,272,314
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	803,407	2,091,269	2,272,314



Budget Summary

EXPENSES - SUNFIELD WWTP



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	290,710	310,172	396,341
Operating Expenses	390,769	365,372	473,078
Maintenance and Repairs	103,827	90,900	98,700
Administrative & General	68,281	72,852	93,091
Capital Expense & Outlay		243,333	90,000
Transfers			
Total Operating and M&R Expenses	853,587	1,082,629	1,151,210
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	853,587	1,082,629	1,151,210

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**037 - Sunfield WWTP
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	2,084,069	2,253,414	169,345
42402	SEWER CONNECTION/INSP FEES	-	18,900	18,900
42405	TRANSFER FEES	7,200	-	(7,200)
	Total Retail Wastewater	2,091,269	2,272,314	181,045
	Total Operating Revenue	2,091,269	2,272,314	181,045
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	210,044	271,087	61,043
51102	LBR-OVERTIME	10,719	11,006	287
	Total Salaries	220,763	282,093	61,330
Benefits				
51298	BEN-BENEFIT ALLOCATION	89,409	114,248	24,839
	Total Benefits	89,409	114,248	24,839
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	105,000	105,000	-
52102	OPR-AUXILIARY POWER EXPENSE	6,000	4,000	(2,000)
52103	OPR-CHEMICALS	27,900	40,500	12,600
52110	OPR-SMALL TOOLS AND SUPPLIES	1,000	2,000	1,000
52113	OPR-LAB SUPPLIES	2,500	3,000	500
52114	OPR-LABORATORY SERVICES-GBRA	23,000	24,000	1,000
52115	OPR-LABORATORY SERVICES-OUTSOURCED	1,300	1,300	-
52118	OPR-DISPOSAL SERVICES	44,000	58,000	14,000
52120	OPR-UNIFORMS	2,500	2,500	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	3,000	4,000	1,000
52123	OPR-EQUIPMENT RENTAL	30,351	62,795	32,444
52124	OPR-EQUIPMENT EXPENSE	-	5,000	5,000
52125	OPR-VEHICLE EXPENSE	2,000	2,000	-

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52126	OPR-FLEET LEASE EXPENSE	16,728	14,982	(1,746)
52133	OPR-SCADA	1,500	1,700	200
	Total Operating Supplies & Services	266,779	330,777	63,998
	Professional Services and Fees			
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	-	50,000	50,000
52205	OPR-PROFESSIONAL SERVICES-OTHER	2,500	2,000	(500)
52216	OPR-REGULATORY FEES	-	1,600	1,600
52217	OPR-INSPECTION FEES	1,600	-	(1,600)
52219	OPR-CUSTOMER BILLING FEES	65,049	52,701	(12,348)
52222	OPR-MEMBERSHIPS & PUBLICATIONS	300	300	-
52223	OPR-LICENSE & TRAINING	2,100	2,100	-
52224	OPR-TRAVEL & MEETINGS	3,000	3,000	-
	Total Professional Services and Fees	74,549	111,701	37,152
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	600	600	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	6,450	7,450	1,000
52303	OPR-WIDE AREA NETWORK EXPENSE	3,000	4,150	1,150
52306	OPR-COMMUNICATIONS	3,500	6,000	2,500
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	2,000	-	(2,000)
	Total Office Expenses	15,550	18,200	2,650
	Other Operating Expenses			
52403	OPR-OFFICE/BUILDING RENTAL	900	900	-
52420	OPR-INSURANCE EXPENSE	6,994	11,500	4,506
52430	OPR-MISC EXPENSE	600	-	(600)
	Total Other Operating Expenses	8,494	12,400	3,906
	SUBTOTAL OF OPERATIONAL EXPENSES	675,544	869,419	193,875
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	8,000	8,000	-
53110	M&R-CONTROL SYSTEMS	8,000	8,000	-
53115	M&R-METERS	1,000	1,000	-
	Total Maintenance and Repair Equipment	17,000	17,000	-
	Structures			
53201	M&R-BUILDING	2,000	5,000	3,000
53205	M&R-PUMPS AND MOTORS	15,000	15,000	-
53210	M&R-GATES AND VALVES	10,000	10,000	-
53215	M&R-LIFTSTATIONS	15,000	15,000	-
53220	M&R-CLARIFIERS	1,000	1,000	-
53238	M&R-FILTERS	700	700	-
	Total Structures	43,700	46,700	3,000

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
	Other Maintenance & Repairs			
53301	M&R-ROADS	1,000	-	(1,000)
53310	M&R-GROUNDS/ROW	4,200	10,000	5,800
53325	M&R-GENERAL MAINTENANCE	25,000	25,000	-
	Total Other Maintenance & Repairs	30,200	35,000	4,800
	SUBTOTAL OF M&R EXPENSES	90,900	98,700	7,800
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	72,852	93,091	20,239
	Total Administrative & General	72,852	93,091	20,239
	Capital Outlay			
13217	AUTO & HEAVY EQUIPMENT	243,333	90,000	(153,333)
	Total Capital Outlay	243,333	90,000	(153,333)
	TOTAL OPERATING AND M&R EXPENSES	1,082,629	1,151,210	68,581
	Net Operating Income	1,008,640	1,121,104	112,464
	Net Change in Fund Balance	1,008,640	1,121,104	112,464

Sunfield WWTP - Capital Outlay Expense

Description	FY 2023
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Capital Outlay Funded From Current Revenues

Skid Steer with attachments	\$	75,000
Trailer for Skid Steer	\$	15,000
Total Sunfield WWTP Capital Outlay Expense		\$ 90,000



Dietz WWTp

Dietz Waste Water Treatment Plant

Operated under an agreement with New Braunfels Utilities (NBU), Dietz Wastewater Treatment Plant is to treat wastewater from the GBRA-Dietz wastewater collection system located generally along State Highway 46 between Seguin and New Braunfels.

-
- Service Provided: Wastewater treatment
 - Service Area: Guadalupe County
 - Startup Operation Date: Fall 2021

Rural Utilities Division
Dietz Wastewater Collection System
Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

The Guadalupe-Blanco River Authority (GBRA) initiated an agreement with New Braunfels Utilities (NBU) in January 2018 for NBU to treat wastewater from the GBRA-Dietz wastewater collection system located generally along State Highway 46 between Seguin and New Braunfels. GBRA has reserved capacity in NBU's Sam McKenzie wastewater treatment plant located near the Guadalupe River just south of GBRA's Dunlap dam. GBRA has access to capacity in NBU's McKenzie wastewater treatment plant with the option for additional capacity with future expansions of the wastewater treatment plant. The collection system is expected to be operational and begin serving customers in FY2023.

REVENUE SOURCES AND TRENDS

Revenues will be obtained through connection fees for wastewater service, tap fees, and monthly wastewater service fees.

CAPITAL ADDITIONS AND OPERATING EXPENSES

The Division Manager for Comal/Kendall Counties and the Western Canyon Wastewater Manager provide overall supervision of the system. Five licensed employees, including four operators and a chief operator, provide operation and maintenance of the system as well as provide services to other divisions. Additional labor and equipment required for maintenance and technical services are provided as needed from other operating divisions of GBRA.

Budget placeholders have been established for the main budget items. There is no capital outlay anticipated for FY 2023.

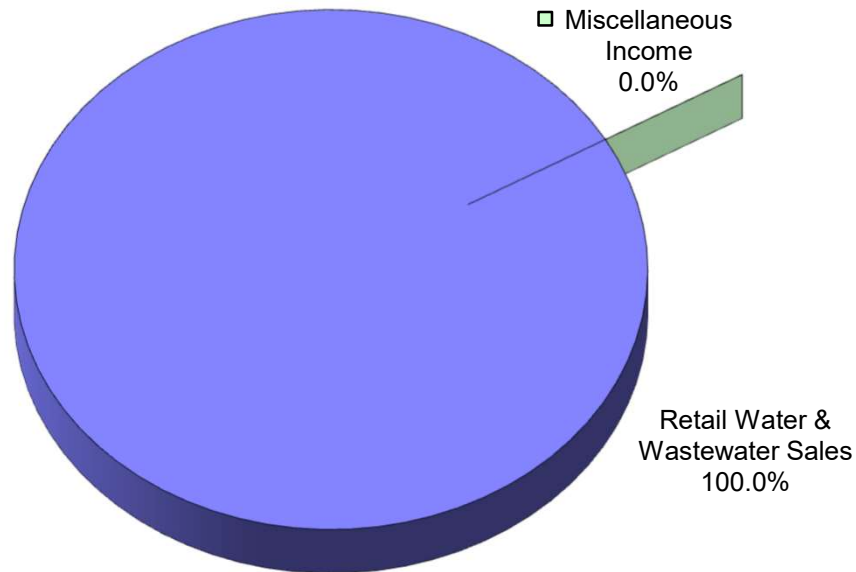
FUND BALANCE

Funds for the above listed operating expenditures as well as other expenditures that are summarized in the following pages will be provided from revenues resulting from customer billings.



Budget Summary

REVENUES - DIETZ WWTP

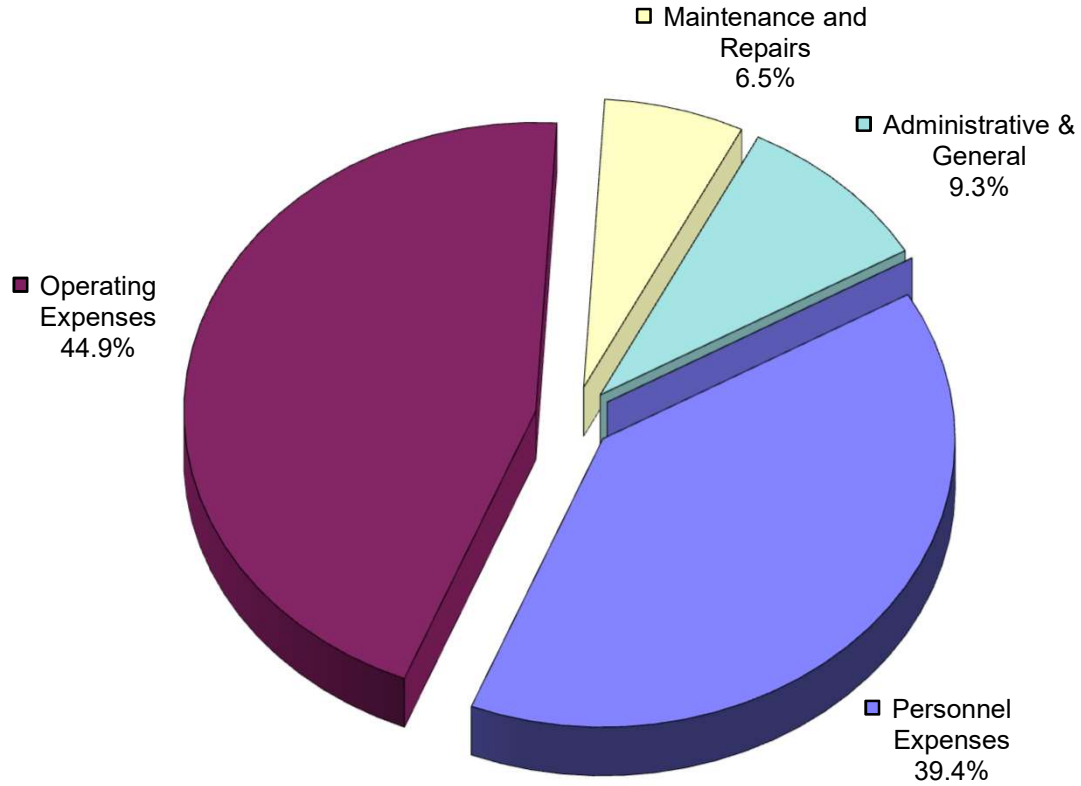


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales		38,290	46,451
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue		38,290	46,451
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	0	38,290	46,451



Budget Summary

EXPENSES - DIETZ WWTP



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses		34,187	45,223
Operating Expenses		44,704	51,462
Maintenance and Repairs		7,400	7,400
Administrative & General		8,030	10,622
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses		94,321	114,707
Debt Service-Principal			260,600
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses		94,321	375,307

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**038 - Dietz WW
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	35,290	39,701	4,411
42402	SEWER CONNECTION/INSP FEES	3,000	6,750	3,750
	Total Retail Wastewater	38,290	46,451	8,161
	Total Operating Revenue	38,290	46,451	8,161
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	20,867	27,857	6,990
51102	LBR-OVERTIME	3,465	4,330	865
	Total Salaries	24,332	32,187	7,855
Benefits				
51298	BEN-BENEFIT ALLOCATION	9,855	13,036	3,181
	Total Benefits	9,855	13,036	3,181
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	9,000	9,000	-
52102	OPR-AUXILIARY POWER EXPENSE	2,000	2,000	-
52103	OPR-CHEMICALS	2,000	500	(1,500)
52110	OPR-SMALL TOOLS AND SUPPLIES	3,000	3,000	-
52114	OPR-LABORATORY SERVICES-GBRA	1,200	500	(700)
52118	OPR-DISPOSAL SERVICES	15,211	-	(15,211)
52120	OPR-UNIFORMS	600	600	-
52133	OPR-SCADA	1,200	1,200	-
	Total Operating Supplies & Services	34,211	16,800	(17,411)
Professional Services and Fees				
52218	NBU WW TREATMENT SERVICES	-	17,112	17,112
52219	OPR-CUSTOMER BILLING FEES	6,943	14,000	7,057
52222	OPR-MEMBERSHIPS & PUBLICATIONS	50	50	-

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52223	OPR-LICENSE & TRAINING	500	500	-
	Total Professional Services and Fees	7,493	31,662	24,169
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	3,000	3,000	-
	Total Other Operating Expenses	3,000	3,000	-
	SUBTOTAL OF OPERATIONAL EXPENSES	78,891	96,685	17,794
	Structures			
53205	M&R-PUMPS AND MOTORS	5,000	5,000	-
	Total Structures	5,000	5,000	-
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	2,400	2,400	-
	Total Other Maintenance & Repairs	2,400	2,400	-
	SUBTOTAL OF M&R EXPENSES	7,400	7,400	-
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	8,030	10,622	2,592
	Total Administrative & General	8,030	10,622	2,592
	TOTAL OPERATING AND M&R EXPENSES	94,321	114,707	20,386
	Net Operating Income	(56,031)	(68,256)	(12,225)

DEBT SERVICE BUDGET

	Interest Expense			
57220	INT-2021 DIETZ CONSTRUCTION	-	260,600	260,600
	Total Interest Expense	-	260,600	260,600
	Total Debt Expense	-	260,600	260,600
	Net Change in Debt Service Budget	-	(260,600)	(260,600)
	Net Change in Fund Balance	(56,031)	(328,856)	(272,825)



Water Sales

Canyon Dam and Reservoir

Completed in 1964, this cooperative project between the U.S. Army Corps of Engineers and GBRA provides flood control protection and a stored water supply. GBRA operates the water storage portion to provide municipal, industrial, and agricultural customers with a dependable water supply particularly during drought or low flow conditions.

GBRA is responsible for reservoir water management and release within the 'conservation pool,' between 800 feet mean sea level (msl) and the normal operating elevation of 909 msl. The Corps is responsible for management and release of waters within the 'flood control pool' at elevations of 909 to 943 msl. Water is normally released as soon as possible from this portion of the reservoir which must be kept empty to contain runoff from high rainfall and flood events.

Primarily, the reservoir provides flood control protection for people living downstream of the Dam, but it also supplies many users with their sole source of water. For others, it provides a dependable alternative source of water during drought conditions and low river flows. Reservoir water supplies stored water to cities, industries and agricultural users. Under a permit issued by the State of Texas, GBRA is allowed to divert an average of 90,000 acre-feet per year of stored water to supply contracted water users.

The dam is an earthfill embankment, 224 feet high and 6,830 feet long. At maximum 'conservation pool' level of 909 feet elevation msl, the reservoir covers more than 8,200 surface acres and impounds 386,200 acre-feet of water to a depth of 140 feet. At maximum 'flood control pool' elevation of 943 feet msl, the reservoir impounds a total of 732,600 acre-feet of water.

-
- | | |
|---------------------------------------|--------------------------------|
| • Service Provided: Raw Water | • # of Current Employees: 71.5 |
| • Location: Canyon Lake, TX | • Budgeted Operating Revenue: |
| • Startup Operation Date: 1964 | \$26,509,309 |
| • Service Area: Guadalupe River Basin | |

Water Resources Division

Water Sales System

Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

GBRA's Water Resources Division was originally organized for the purpose of administering the development and sale of water from various sources. The principle source of this water is from GBRA's water rights in Canyon Reservoir and is supplemented with other run-of-the-river water rights. As GBRA expanded its mission in the basin, additional functions were added to this Division, including water quality, resource management, and project development.

The Division monitors Canyon Reservoir and coordinates releases from the reservoir with the U.S. Army Corp of Engineers. This Division also manages water supply planning, development, conservation, and projects, coordinates flood water management with communities in the basin and federal/state agencies, and supports operations during construction and asset management activities.

Responsibility for GBRA's water distribution and operations for the river basin lies within this Division. This includes the Regional Raw Water Delivery System (RRWDS), the IH 35 water delivery system, and Guadalupe Power Partners Raw Water Delivery System (GPPRWDS). These self-supporting systems were constructed to deliver water to municipalities, utility districts, regional water authorities, and electric generating plants. The Division operates two small water-related recreation areas near Seguin and Gonzales. These recreation areas provide river access for boating and fishing as well as park land for camping and picnicking. A regional laboratory, accredited by the Texas Commission on Environmental Quality (TCEQ), is also managed within this Division and provides analytical services for GBRA operations and customers outside the organization.

This Division is responsible for issues related to water quality, endangered species, governmental relations, and community relationship functions. Emphasis will continue to be placed on enhancing customer communications to continue to build positive long-term relationships in the basin.

The Canyon Gorge and related revenues and costs associated with its educational and touring programs are included within this division. Also included is support for the Guadalupe-Blanco River Trust, an affiliated non-profit organization.

REVENUE SOURCES AND TRENDS

Water sales revenues are based on a firm water rate of \$165.00 per acre-foot per year for FY 2023. Total water sales revenues excluding "water delivery and pipeline operations" for FY 2023 are projected at \$17,217,807.

GBRA receives revenue in this Division from customer groups associated with three distinct self-supporting operations. They include the operations and associated debt service for the Regional Raw Water Pipeline and the IH35 Treated Water Pipeline as well as operations for the Guadalupe Power Partners water delivery system. Revenue for debt service and operations of the water delivery systems during FY 2023 is estimated at \$5,044,729.

Grant and interlocal revenue is estimated at \$2,365,892. Laboratory revenues total \$980,000, while investment income is estimated at \$400,000 and recreation revenues total \$315,949.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Significant operating expenses in the Water Resources Division include payroll and benefit costs of staff members assigned to the division, payments to the U.S. Army Corps of Engineers, the Edwards Aquifer Authority (EAA) and the TCEQ.

Payment to the Corps of Engineers for the maintenance of Canyon Dam is budgeted at \$850,000. The Corp has communicated that over the next few years it is embarking on several large rehabilitation projects at the Canyon Lake facility. GBRA is responsible for a portion of these improvements and will manage the impact to the raw water rate through a rate stabilization approach and designating excess budgeted funds as necessary. In addition, \$150,000 is budgeted for GBRA's portion of the EAA Habitat Conservation Plan and \$96,950 is allocated for payment to the TCEQ South Texas Watermaster. Funding is also provided to support the Guadalupe-Blanco River Trust and the Canyon Gorge.

Professional service fees within the system include legal and engineering for ongoing operations, as well as for water supply projects, water quality activities, hazard mitigation requirements, and watershed management. In FY 2023, operating costs for professional fees is budgeted at \$4,736,767.

Utility costs for the Regional Raw Water pipeline, Guadalupe Power Partners pipeline and IH35 Treated Water Pipeline as well as Nolte, Lakewood & Canyon Lake Gorge recreational areas and the Diversion system are budgeted at \$1.8 million. Maintenance and repair expenses total \$1,463,267 and cover pipeline and pump repairs, maintenance of right of ways, as well as lower basin items such as levee and gate repairs and periodic removal of log jams that impact water supply.

Capital additions total \$944,000 and include the purchase of a hydro jetter truck and mobile sludge press that will be allocated to other divisions, trucks outfitted for electrician and welding services, and equipment for the Canyon Lake Gorge provided via a grant from Texas Parks & Wildlife Division.

Funding for special studies including treatment plant expansions, water rights analysis, Mid-Basin planning and analysis study, and hydraulic modeling are included as part of the FY 23 budget.

FUND BALANCE

Funds for the above listed capital additions and maintenance projects, as well as all of the other operating expenditures will be provided primarily by revenues from customer billings.

The anticipated net increase in fund balance in the Water Sales System of the Water Resource Division for FY 2023 is \$22,365.



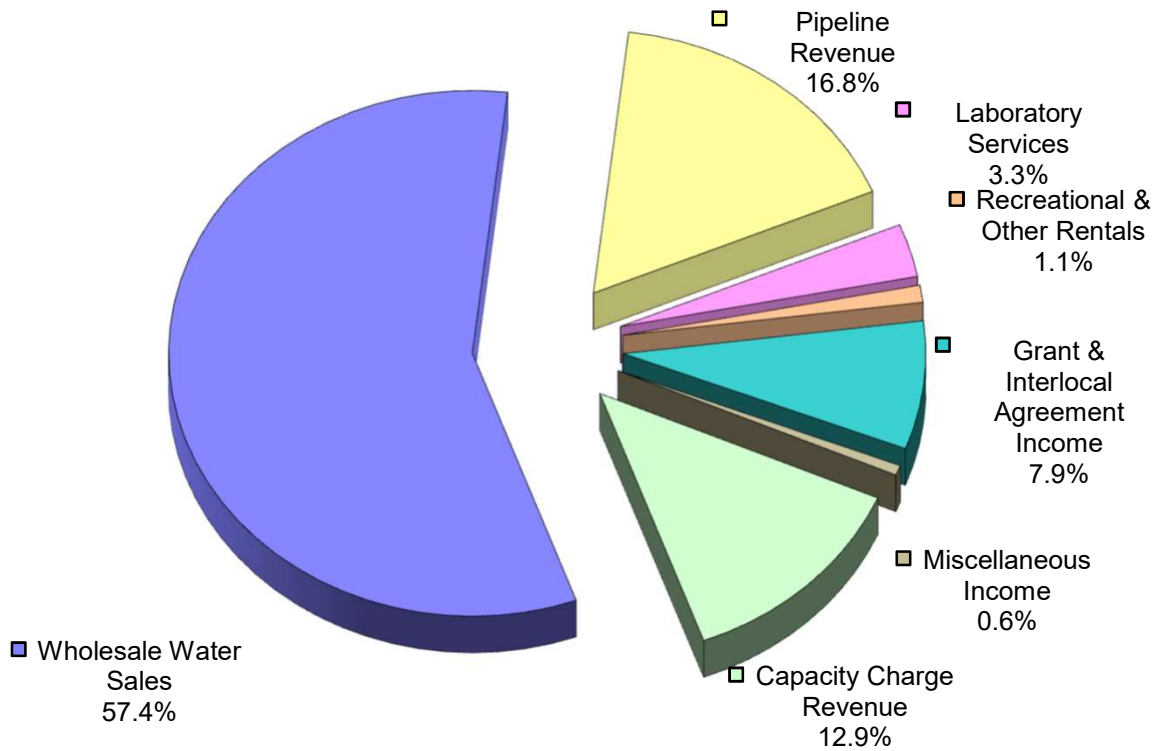
Staffing Summary

Water Supply	# of Authorized Positions (FTE)		
	2021	2022	2023
<u>Engineering Team</u>			
Executive Manager of Engineering	1	1	1
Deputy Executive Mgr of Engineering	---	1	1
Senior Engineers, Project Engineer, Engineers	4	6	8
Construction Director/Inspectors/Analysts	6	7	8
Electrical/Instrumentation Technicians & Analysts	2	2	2
Hydrologist/Technician	0.5	0.5	0.5
Engineering Assistant	1	1	1
<u>Environmental Team</u>			
Executive Manager of Environmental Science	1	1	1
Deputy Executive Mgr of Environmental Science	1	1	1
Aquatic Biologist	1	1	1
Senior Environmental Services Administrator	1	1	1
Water Quality Program Supervisor	1	1	1
Habitat Conservation Plan Coordinator	---	1	1
Water Quality Technician	1	1	2
Gorge Supervisor	1	1	1
Gorge, Assistant Manager	---	---	1
Gorge, Administrative Assistant	1	1	1
Gorge, Maintenance	---	1	1
Gorge, Park Ranger	1	1	1
Gorge, Program Assistant	2.5	4.5	5
Lead Lab Administrator	1	1	1
Quality Assurance Officer	1	1	---
Customer Project Manager	1	1	1
Laboratory Analysts/Technicians	5	5	6
Sample Custodian/Lab Tech	1	1	1
<u>Operational Team</u>			
Executive Manager of Operations	1	1	1
Deputy Executive Mgr of Operations	1	1	1
Division Manager - Calhoun/Refugio Counties	1	1	1
Division Manager - Hays/Caldwell Operations	1	1	1
Division Manager - Hydroelectric Operations	1	1	1
Division Manager - Western Canyon Operations	1	1	1
Asset Manager	1	1	1
Electrical/Instrumentation Technicians & Analysts	6	5	5
Facilities Technician	1	1	1
Maintenance Crew: WW Collections, Pipelines, ROW	6	6	6
Maintenance Technician	2	2	2
Utilities Accounts Assistant	1	1	1
Park Ranger	1	1	1
Assistant Chief Ranger	1	---	---
Project/Community & Regional Representative	2	---	---
Subtotal	62	66	71.5
Changes from FY 2021 to FY 2022	Changes from FY 2022 to FY 2023		
2-Added Construction Inspectors	1-Added Construction Inspector, 2-Engineers, Water Qual		
2-Added Engineers	Tech, 1-Gorge Asst Mgr, 0.5-Gorge Program Assistant		



Budget Summary

REVENUES - WATER SALES

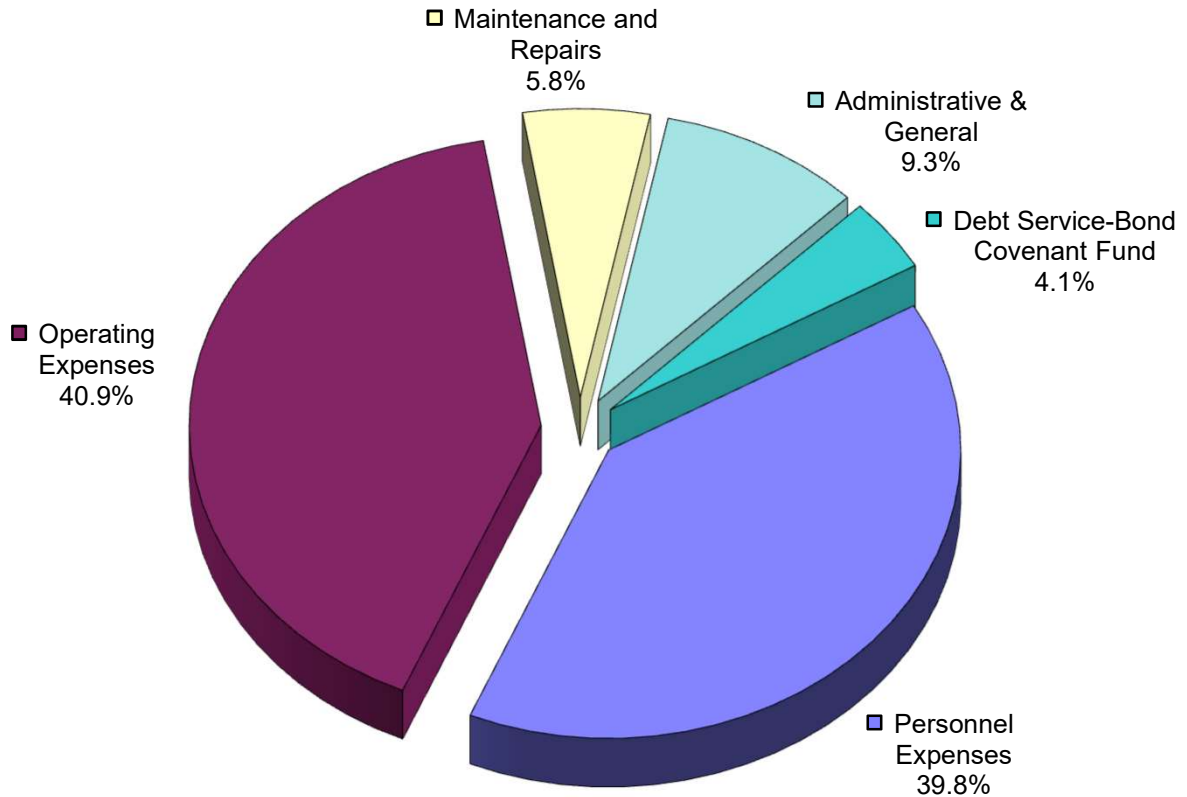


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales	15,421,422	15,870,977	17,217,807
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue	3,447,983	3,918,334	5,044,729
Industrial Services			
Laboratory Services	903,721	1,020,000	980,000
Recreational & Other Rentals	157,685	320,000	315,949
Administrative & General			
Operating & Restricted Interest	63,705	100,000	400,000
Grant & Interlocal Agreement Income	605,626	1,576,305	2,365,892
Miscellaneous Income	315,736	184,932	184,932
Total Operating Revenue	20,915,878	22,990,548	26,509,309
Capacity Charge Revenue	4,368,434	3,882,612	3,880,535
I/F Loan Repayments from Operations			
Grand Total Revenues	25,284,312	26,873,160	30,389,844



Budget Summary

EXPENSES - WATER SALES



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	7,845,017	8,972,644	9,991,221
Operating Expenses	6,906,354	8,892,317	10,284,243
Maintenance and Repairs	940,871	893,000	1,463,267
Administrative & General	1,837,439	2,112,253	2,346,692
Capital Expense & Outlay	203,244	27,500	944,000
Transfers		208,019	(753,000)
Total Operating and M&R Expenses	17,732,925	21,105,733	24,276,423
Debt Service-Principal	2,428,882	2,830,217	3,036,335
Debt Service-Interest	1,871,669	1,612,780	2,016,479
Debt Service-Bond Covenant Fund		1,296,001	1,038,242
Grand Total Expenses	22,033,476	26,844,731	30,367,479

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**041 - Water Sales
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wholesale Raw Water Sales				
42102	CANYON-INEOS	423,364	582,533	159,169
42103	CANYON-PORT LAVACA WTP	422,016	517,440	95,424
42104	CANYON-CCRWSC	107,545	146,520	38,975
42105	CANYON-CITY OF SEGUIN	157,000	165,000	8,000
42107	CANYON-SPRINGS HILL WSC	502,400	528,000	25,600
42108	CANYON-REBECCA CREEK MUD	20,410	21,450	1,040
42109	CANYON-CRWA-HAYS CO, SAN MARCOS	319,966	336,270	16,304
42110	CANYON-SEADRIFT COKE	52,438	55,110	2,672
42111	CANYON-UNION CARBIDE	15,700	16,500	800
42112	CANYON-STANDARD GYPSUM	40,506	42,570	2,064
42113	CANYON-CMS STEEL	109,900	115,500	5,600
42114	CANYON-NEW BRAUNFELS UTILITIES	2,389,540	2,511,300	121,760
42115	CANYON-CRYSTAL CLEAR WSC	125,600	132,000	6,400
42116	CANYON-CANYON REGIONAL WATER AUTH	1,863,466	1,963,449	99,983
42117	CANYON-CANYON LAKE WSC	1,004,800	1,056,000	51,200
42118	CANYON-CITY OF SAN MARCOS	1,570,000	1,650,000	80,000
42119	CANYON-GUADALUPE POWER PARTNERS	1,073,880	1,128,600	54,720
42120	CANYON-CITY OF KYLE	854,551	898,095	43,544
42121	CANYON-GREEN VALLEY SUD	157,000	165,000	8,000
42122	CANYON-HAYS ENERGY LTD PARTNERSHIP	386,848	406,560	19,712
42123	CANYON-CITY OF FAIR OAKS	290,450	305,250	14,800
42124	CANYON-SAN ANTONIO WATER SYSTEMS	784,301	828,134	43,833
42125	CANYON-CITY OF BOERNE	566,927	595,815	28,888
42126	CANYON-GBRA-COMAL TRACE	19,625	20,625	1,000
42127	CANYON-SAN JOSE-PARK VILLAGE	50,554	53,130	2,576
42128	CANYON-JACQUELYN COUSER	15,700	16,500	800
42129	CANYON-BREMER RANCH, LTD	15,700	16,500	800
42130	CANYON-CITY OF BLANCO	94,200	99,000	4,800
42131	CANYON-FORESIGHT	45,530	47,500	1,970
42132	CANYON-CORDILLERA RANCH, LTD	235,500	247,500	12,000
42133	CANYON-KENDALL COUNTY/TAPATIO SPRINGS	117,750	123,750	6,000
42134	CANYON-CITY OF BUDA	263,760	277,200	13,440

		FY 2022	FY 2023	FY 2023-2022
		BUDGET	BUDGET	DIFFERENCE
42135	CANYON-DH INV-JOHNSON RANCH	141,300	148,500	7,200
42136	CANYON-GOFORTH SUD	598,327	690,690	92,363
42137	CANYON-HH RANCH PROPERTIES	39,250	41,250	2,000
42138	CANYON-SUNFIELD	58,875	-	(58,875)
42139	CANYON-MONARCH UTILITIES, LP	87,920	92,400	4,480
42140	CANYON-MIRALOMAS MUD	117,750	123,750	6,000
42141	CANYON-SMALL WATER SALES	63,178	63,195	17
42142	CANYON-SELECT ENERGY	220,000	441,667	221,667
42143	CANYON-GBRA CANAL SYSTEM CUSTOMERS	-	77,304	77,304
42150	WOMACK-NEW BRAUNFELS UTILITIES	447,450	470,250	22,800
	Total Wholesale Raw Water Sales	15,870,977	17,217,807	1,346,830
	Pipeline Revenue			
42501	O&M-IH35, BUDA	107,241	107,093	(148)
42502	O&M-IH35, GOFORTH	245,307	251,020	5,713
42503	O&M-IH35, KYLE	300,533	317,053	16,520
42504	O&M-IH35, MONARCH	61,028	56,664	(4,364)
42550	O&M-RRWDS, COSM	1,194,982	1,664,170	469,188
42551	O&M-RRWDS, BUDA	141,881	204,713	62,832
42552	O&M-RRWDS, GOFORTH	324,544	479,838	155,294
42553	O&M-GPP	666,632	682,156	15,524
42554	O&M-RRWDS, HELP	148,344	226,246	77,902
42555	O&M-RRWDS, KYLE	397,608	606,065	208,457
42556	O&M-RRWDS, CRWA	249,523	341,394	91,871
42557	O&M-RRWDS, MONARCH	80,711	108,317	27,606
	Total Pipeline Revenue	3,918,334	5,044,729	1,126,395
	Laboratory			
42801	REV-LABORATORY SERVICES	1,020,000	980,000	(40,000)
	Total Laboratory	1,020,000	980,000	(40,000)
	Recreation & Other Rentals			
42901	REV-FACILITY RENTAL	38,000	38,000	-
42902	REV-PARK ENTRY FEES	272,000	269,949	(2,051)
42903	REV-CONCESSIONS/STORE CHARGES	10,000	8,000	(2,000)
	Total Recreation & Other Rentals	320,000	315,949	(4,051)
	Internal Transfers			
43002	REV-BUILDING/EQUIP RENTAL	184,932	184,932	-
	Total Internal Transfers	184,932	184,932	-
	Operating Interest			
44110	INT-OPR INVESTMENT FUNDS	100,000	400,000	300,000
	Total Operating Interest	100,000	400,000	300,000

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
	Grant & Interlocal Agreement Income			
45301	GRANTS-FEDERAL	674,015	1,200,497	526,482
45302	GRANTS-STATE	722,594	979,599	257,005
45303	GRANTS-CLEAN RIVERS PROGRAM	140,650	146,750	6,100
45320	INTERLOCAL-CONTRIBUTED BY CUSTOMERS	39,046	39,046	-
	Total Grant & Interlocal Agreement Income	1,576,305	2,365,892	789,587
	Total Operating Revenue	22,990,548	26,509,309	3,518,761
	OPERATING EXPENSES			
	Salaries			
51101	LBR-REGULAR WAGES	6,252,849	6,994,294	741,445
51102	LBR-OVERTIME	127,485	116,896	(10,589)
	Total Salaries	6,380,334	7,111,190	730,856
	Benefits			
51298	BEN-BENEFIT ALLOCATION	2,592,310	2,880,031	287,721
	Total Benefits	2,592,310	2,880,031	287,721
	Operating Supplies & Services			
52101	OPR-POWER & UTILITIES	1,660,515	1,839,416	178,901
52102	OPR-AUXILIARY POWER EXPENSE	19,000	23,000	4,000
52103	OPR-CHEMICALS	78,100	97,500	19,400
52110	OPR-SMALL TOOLS AND SUPPLIES	39,100	186,734	147,634
52111	OPR-PUBLIC NOTICES AND COMMUNICATIONS	164,000	161,000	(3,000)
52113	OPR-LAB SUPPLIES	111,000	123,250	12,250
52114	OPR-LABORATORY SERVICES-GBRA	262,700	275,600	12,900
52115	OPR-LABORATORY SERVICES-OUTSOURCED	70,000	70,000	-
52118	OPR-DISPOSAL SERVICES	10,140	10,140	-
52120	OPR-UNIFORMS	11,200	9,400	(1,800)
52121	OPR-SAFETY & EMERGENCY EXPENSE	8,575	8,785	210
52122	OPR-SECURITY EXPENSE	6,000	1,700	(4,300)
52123	OPR-EQUIPMENT RENTAL	42,600	75,000	32,400
52124	OPR-EQUIPMENT EXPENSE	46,700	74,790	28,090
52125	OPR-VEHICLE EXPENSE	27,000	45,500	18,500
52126	OPR-FLEET LEASE EXPENSE	26,172	48,076	21,904
52132	OPR-GAUGING AND MONITORING	25,000	25,000	-
52133	OPR-SCADA	21,500	36,900	15,400
52145	OPR-CONTRACT LABOR	101,390	124,690	23,300
	Total Operating Supplies & Services	2,730,692	3,236,481	505,789
	Professional Services and Fees			
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	847,500	1,703,022	855,522

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52202 OPR-PROFESSIONAL SERVICES-LEGAL	1,025,000	1,000,500	(24,500)
52205 OPR-PROFESSIONAL SERVICES-OTHER	2,175,975	2,033,245	(142,730)
52210 OPR-CORPS OF ENGINEERS	850,000	850,000	-
52211 OPR-USGS MONITORING	189,520	199,000	9,480
52214 OPR-EAA HABITAT CONSERVATION	150,000	150,000	-
52216 OPR-REGULATORY FEES	79,000	96,950	17,950
52220 OPR-BANK FEES	7,724	19,274	11,550
52222 OPR-MEMBERSHIPS & PUBLICATIONS	28,810	53,440	24,630
52223 OPR-LICENSE & TRAINING	97,050	105,910	8,860
52224 OPR-TRAVEL & MEETINGS	74,175	71,475	(2,700)
Total Professional Services and Fees	5,524,754	6,282,816	758,062
Office Expenses			
52301 OPR-OFFICE SUPPLIES	28,350	28,450	100
52302 OPR-COMPUTER & SOFTWARE EXPENSE	151,250	215,100	63,850
52303 OPR-WIDE AREA NETWORK EXPENSE	13,150	56,060	42,910
52304 OPR-COPY SUPPLIES AND SERVICES	19,700	21,820	2,120
52305 OPR-POSTAGE AND FREIGHT EXPENSE	17,850	6,050	(11,800)
52306 OPR-COMMUNICATIONS	73,494	68,196	(5,298)
52320 OPR-EDUCATION EXPENSE	4,000	5,000	1,000
52321 OPR-COMMUNITY AFFAIRS	96,000	101,500	5,500
52322 OPR-MEDIA EXPENSE	6,000	6,000	-
52323 OPR-EMPLOYEE RELATIONS	3,750	4,000	250
52330 OPR-OUTSOURCED PRINTING EXPENSE	12,500	10,500	(2,000)
52331 OPR-JANITORIAL SUPPLIES AND SERVICE	14,200	12,000	(2,200)
Total Office Expenses	440,244	534,676	94,432
Other Operating Expenses			
52403 OPR-OFFICE/BUILDING RENTAL	52,800	49,920	(2,880)
52404 OPR-RIGHT OF WAY	3,000	-	(3,000)
52405 OPR-CONCESSIONS/STORE MERCHANDISE	3,500	6,000	2,500
52420 OPR-INSURANCE EXPENSE	124,077	156,600	32,523
52430 OPR-MISC EXPENSE	13,250	17,750	4,500
Total Other Operating Expenses	196,627	230,270	33,643
SUBTOTAL OF OPERATIONAL EXPENSES	17,864,961	20,275,464	2,410,503
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	38,700	29,200	(9,500)
53115 M&R-METERS	10,000	6,750	(3,250)
53120 M&R-BOATS	7,400	9,400	2,000
Total Maintenance and Repair Equipment	56,100	45,350	(10,750)
Structures			
53201 M&R-BUILDING	16,200	146,000	129,800

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
53205	M&R-PUMPS AND MOTORS	165,000	520,000	355,000
53216	M&R-PUMPSTATIONS	10,000	5,000	(5,000)
53230	M&R-PIPELINES	400,000	512,000	112,000
53251	M&R-PARK STRUCTURES	4,200	-	(4,200)
	Total Structures	595,400	1,183,000	587,600
	Other Maintenance & Repairs			
53301	M&R-ROADS	32,500	15,000	(17,500)
53310	M&R-GROUNDS/ROW	63,500	100,000	36,500
53315	M&R-CAMP AND PICNIC SITES	2,000	-	(2,000)
53324	M&R-REMOVE LOG JAMS	26,200	26,200	-
53325	M&R-GENERAL MAINTENANCE	94,300	93,717	(583)
53399	M&R-MISC EXPENSE	23,000	-	(23,000)
	Total Other Maintenance & Repairs	241,500	234,917	(6,583)
	SUBTOTAL OF M&R EXPENSES	893,000	1,463,267	570,267
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	2,112,253	2,346,692	234,439
	Total Administrative & General	2,112,253	2,346,692	234,439
	Capital Outlay			
13201	STRUCTURES & IMPROVEMENTS	-	16,000	16,000
13208	SPECIALIZED OPER EQUIPMENT	11,000	-	(11,000)
13217	AUTO & HEAVY EQUIPMENT	-	928,000	928,000
13218	OFFICE FURNITURE & EQUIP	3,500	-	(3,500)
13219	MISCELLANEOUS EQUIPMENT	13,000	-	(13,000)
	Total Capital Outlay	27,500	944,000	916,500
	Transfers			
61505	TRANSFERS-DESIGNATED PROJECT FUND	208,019	(753,000)	(961,019)
	Total Transfers	208,019	(753,000)	(961,019)
	TOTAL OPERATING AND M&R EXPENSES	21,105,733	24,276,423	3,170,690
	Net Operating Income	1,884,815	2,232,886	348,071

DEBT SERVICE BUDGET

	Capacity Charge Revenue			
42601	DEBT SERV-RRWDS, COSM	682,520	686,670	4,150
42602	DEBT SERV-RRWDS, BUDA	103,985	103,985	-

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
42603	DEBT SERV-RRWDS, GOFORTH	309,241	342,223	32,982
42604	DEBT SERV-RRWDS, KYLE	337,928	337,928	-
42605	DEBT SERV-RRWDS, MONARCH	34,962	34,962	-
42606	DEBT SERV-RRWDS, SUNFIELD	32,970	-	(32,970)
42607	DEBT SERV-RRWDS, CRWA	138,847	138,847	-
42608	DEBT SERV-RRWDS, HELP	152,632	152,632	-
42640	DEBT SERV-2013 IH35, BUDA	167,523	167,523	-
42641	DEBT SERV-2013 IH35, GOFORTH	498,354	551,709	53,355
42642	DEBT SERV-2013 IH35, KYLE	542,774	542,774	-
42643	DEBT SERV-2013 IH35, MONARCH	55,841	55,841	-
42644	DEBT SERV-2013 IH35, SUNFIELD	53,356	-	(53,356)
42670	DEBT SERV-2016 SMWTP, BUDA	37,444	36,647	(797)
42671	DEBT SERV-2016 SMWTP, GOFORTH	111,390	109,019	(2,371)
42672	DEBT SERV-2016 SMWTP, KYLE	121,318	118,736	(2,582)
42673	DEBT SERV-2016 SMWTP, MONARCH	12,481	12,216	(265)
42674	DEBT SERV-2016 SMWTP, SUNFIELD	11,926	11,672	(254)
42692	DEBT COVERAGE-2020 WCANYON COMB REF BONDS	477,120	477,151	31
	Total Capacity Charge Revenue	3,882,612	3,880,535	(2,077)
	Total Debt Revenue	3,882,612	3,880,535	(2,077)
	Principal Payments Expense			
21101	LOAN-1977 CORP OF ENGINEERS	278,133	285,086	6,953
21201	BOND-2007 RRWDS	138,333	148,333	10,000
21202	BOND-2010 RRWDS	566,667	587,500	20,833
21204	BOND-2012 MID-BASIN	225,417	230,000	4,583
21205	BOND-2013 IH35	662,500	693,333	30,833
21209	BOND-2016 SMWTP	95,417	100,833	5,416
21211	BOND-2017 RRWDS	271,667	280,000	8,333
21218	BOND-2020 GEN IMP REV REF (OFFICE)	592,083	711,250	119,167
	Total Principal Payments Expense	2,830,217	3,036,335	206,118
	Interest Expense			
57201	INT-1977 CANYON COE	30,757	23,804	(6,953)
57203	INT-2007 RRWDS	327,695	371,914	44,219
57204	INT-2010 RRWDS	53,806	36,745	(17,061)
57205	INT-2020 GEN IMP BONDS	236,340	120,967	(115,373)
57206	INT-2012 MID-BASIN BONDS	33,738	31,786	(1,952)
57207	INT-2013 IH35 BONDS	529,969	502,894	(27,075)
57210	INT-2016 SMWTP	166,844	163,981	(2,863)
57212	INT-2017 RRWDS	233,631	224,565	(9,066)
57222	INT-2022 NB OFFICE CONSTRUCTION	-	539,823	539,823
	Total Interest Expense	1,612,780	2,016,479	403,699

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
	Transfers			
61550	TRANSFERS-RESTRICTED/BOND COVENANT FUND	<u>1,296,001</u>	<u>1,038,242</u>	<u>(257,759)</u>
	Total TRANSFERS-RESTRICTED/BOND COVENANT FUND	<u>1,296,001</u>	<u>1,038,242</u>	<u>(257,759)</u>
	Total Debt Expense	<u>5,738,998</u>	<u>6,091,056</u>	<u>352,058</u>
	Net Change in Debt Service Budget	<u>(1,856,386)</u>	<u>(2,210,521)</u>	<u>(354,135)</u>
	Net Change in Fund Balance	<u>28,429</u>	<u>22,365</u>	<u>(6,064)</u>

Water Sales - Capital Outlay Expense

Description	FY 2022
-------------	---------

Capital Outlay Funded From Current Revenues

Mobile Sludge Press	\$	450,000
Hydro Jetter Truck	\$	303,000
Electrician Truck and Equipment	\$	87,500
Welder Service Truck and Equipment	\$	87,500
Solar Composting Restroom-Gorge	\$	12,800
Lab Rainwater Collection Harvesting-Gorge	\$	3,200
<hr/> Total Water Sales Capital Outlay Expense		<hr/> \$ 944,000 <hr/>

Removing log jams above the
Salt Water Barrier on “Miss
Guadalupe II”



Calhoun Canal

This system diverts water from the Guadalupe River into the GBRA main canal for distribution to industrial, municipal, and agricultural customers in Calhoun County through a series of irrigation canals, pump stations and pipelines.

The system provides a raw water supply for the Port Lavaca Water Treatment Plant and industrial refinery operations operated by Seadrift Coke, INEOS Nitriles and Dow Chemical. It also delivers irrigation water to agricultural users, including the Calhoun County rice industry.

As part of the Water Supply System operation, ongoing maintenance to the Lower Guadalupe Diversion Dam and Salt Water Barrier near Tivoli provides efficient diversion and protects the area water supply from salt water contamination. Clearing log jams from the lower reaches of the Guadalupe River also improves water delivery efficiencies and prevents course changes.

In addition, the division conducts water quality monitoring and testing services, as well as billing and contract administration services.

-
- Service Provided: Water supply
 - Location: Calhoun County, TX
 - Startup Operation Date: 1962
 - # of Current Employees: 5
 - Budgeted Revenue: \$1,538,705

Water Resource Division

Calhoun Canal System

Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

The Calhoun Canal System utilizes a system of diversion canals, check structures, pump stations and pipelines to deliver water diverted from the Guadalupe River to the customers in Calhoun County including Dow-Union Carbide, Ineos Nitriles Green Lake, Seadrift Coke LLC, the City of Port Lavaca, the Calhoun County Rural Water Supply System, the Port O'Connor Improvement District, and the farmers and ranchers who irrigate rice, cotton, corn, and pasture, or impound water for aquaculture ventures. Calhoun Canal System personnel are responsible for the daily operation and maintenance of river diversion structures, the Guadalupe River Diversion Dam and Salt Water Barrier, one pump station, two smaller saltwater barriers, approximately 80 miles of delivery canals, and eight miles of water delivery pipeline. Operating and maintaining these structures and the removal of logjams in the lower Guadalupe River Basin is the responsibility of Canal System personnel.

The Calhoun Canal System is supervised by the Division Manager of Calhoun/Refugio Counties. The division is operated by five full-time employees, including a Chief Water Tender and two Water Tenders who manage the diversion and distribution of water from the Guadalupe River to the various customers of the system. Canal Division maintenance is performed by a Maintenance Chief and an Equipment Operator. Additional support is received from the Seguin office in the form of engineering and administrative functions.

REVENUE SOURCES AND TRENDS

Revenue in the Canal System comes from municipal and industrial water supply customers. These customers require the presence of vital canal infrastructure to serve their continuing needs for a dependable supply of water. For FY 2023, revenue from water supplied to municipal and industrial customers is budgeted to increase from \$1,507,120 to \$1,538,705. Municipal and industrial usage is projected to be relatively stable, and the current revenues were enough to justify a rate decrease to \$0.205/1,000 gallons from \$0.225/1000 gallons. The base municipal and industrial rate will decrease to 20.5¢ per thousand gallons in FY 2023.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Significant operating expenses for FY 2023 include personnel costs of \$392,444, \$49,600 for electrical power to operate the Relift #1 Pump Station, \$75,000 for rental of long reach backhoe for clearing canals, \$85,000 in operating and maintaining equipment and vehicles, \$16,200 for stream gaging, \$39,000 in assessments pertaining to the TCEQ South Texas Watermaster Program, and \$42,500 in insurance costs. Additionally, \$400,000 is budgeted for the Canal Division's payment of operating costs associated with the Dow-Union Carbide raw water pump station. GBRA shares the costs of this pump station with Dow-Union Carbide based upon the relative volume of water pumped through the station and subsequently delivered to Dow and GBRA.

Maintenance expenses include \$25,000 for the repair or purchase of pipe and water gate assemblies, and \$83,960 in materials and services for repairs to levees and canal crossings.

FUND BALANCE

Funds for the above listed operating expenditures as well as the other expenditures that are summarized in the following pages will be provided by revenues from customer billings. The division's projected decrease in fund balance as a result of revenues and expenses is \$20,941.



Staffing Summary

Calhoun Canal	# of Authorized Positions (FTE)		
	2021	2022	2023
Chief Water Tender	1	1	1
Heavy Equipment Operator	1	1	1
Maintenance Chief	1	1	1
Water Tender	2	2	2
Total	5	5	5

Changes from FY 2021 to FY 2022

No staffing changes for this division

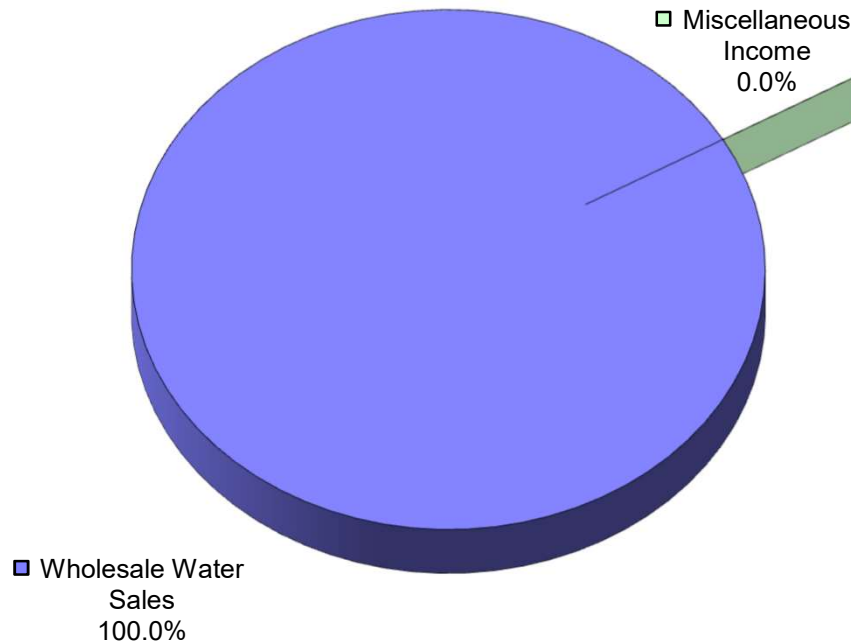
Changes from FY 2023 to FY 2023

No staffing changes for this division



Budget Summary

REVENUES - CALHOUN CANAL

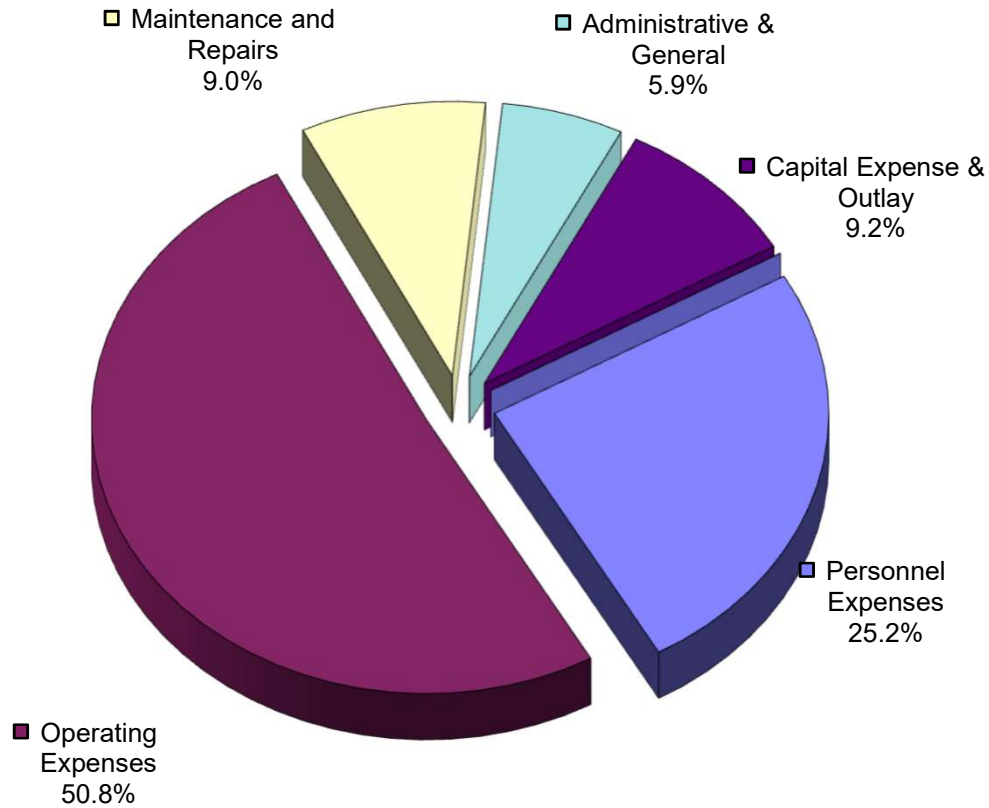


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales	1,175,241	1,507,120	1,538,705
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	6,384	6,384	
Total Operating Revenue	1,181,625	1,513,504	1,538,705
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	1,181,625	1,513,504	1,538,705



Budget Summary

EXPENSES - CALHOUN CANAL



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	347,238	397,130	392,444
Operating Expenses	965,605	848,971	792,306
Maintenance and Repairs	31,208	87,780	139,720
Administrative & General	82,679	93,276	92,176
Capital Expense & Outlay		75,000	143,000
Transfers			
Total Operating and M&R Expenses	1,426,730	1,502,157	1,559,646
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	1,426,730	1,502,157	1,559,646

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**043 - Calhoun Canal
Department ***

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Wholesale Raw Water Sales			
42170 CANAL-PT LAVACA	123,808	108,548	(15,260)
42171 CANAL-RURAL WATER	21,220	19,659	(1,561)
42172 CANAL-CARBIDE	972,724	907,725	(64,999)
42173 CANAL-INEOS	267,211	270,766	3,555
42174 CANAL-SPRINKLER IRRIGATION	27,000	17,702	(9,298)
42175 CANAL-SEADRIFT COKE	29,544	27,584	(1,960)
42176 CANAL-CRAWFISH FARM	9,000	-	(9,000)
42177 CANAL-PONDS & RIGS	3,000	1,968	(1,032)
42178 CANAL-WATERFOWL	25,000	43,420	18,420
42179 CANAL-POC IDC	22,613	27,585	4,972
42181 CANAL-OTHER	6,000	6,000	-
42182 CANAL-RICE CROPS	-	107,748	107,748
Total Wholesale Raw Water Sales	1,507,120	1,538,705	31,585
Internal Transfers			
43002 REV-BUILDING/EQUIP RENTAL	6,384	-	(6,384)
Total Internal Transfers	6,384	-	(6,384)
Total Operating Revenue	1,513,504	1,538,705	25,201
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	243,565	244,012	447
51102 LBR-OVERTIME	39,090	35,308	(3,782)
Total Salaries	282,655	279,320	(3,335)
Benefits			
51298 BEN-BENEFIT ALLOCATION	114,475	113,124	(1,351)
Total Benefits	114,475	113,124	(1,351)
Operating Supplies & Services			

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52101	OPR-POWER & UTILITIES	40,000	49,600	9,600
52103	OPR-CHEMICALS	600	600	-
52110	OPR-SMALL TOOLS AND SUPPLIES	3,600	6,000	2,400
52113	OPR-LAB SUPPLIES	660	660	-
52120	OPR-UNIFORMS	4,800	4,800	-
52121	OPR-SAFTY & EMERGENCY EXPENSE	4,600	5,000	400
52122	OPR-SECURITY EXPENSE	2,760	2,760	-
52123	OPR-EQUIPMENT RENTAL	-	75,000	75,000
52124	OPR-EQUIPMENT EXPENSE	35,160	50,000	14,840
52125	OPR-VEHICLE EXPENSE	30,000	35,000	5,000
52126	OPR-FLEET LEASE EXPENSE	9,600	9,600	-
52133	OPR-SCADA	1,750	2,500	750
52145	OPR-CONTRACT LABOR	3,600	3,600	-
52150	OPR-WATER PURCHASES/DELIVERY	500,000	400,000	(100,000)
	Total Operating Supplies & Services	637,130	645,120	7,990
Professional Services and Fees				
52205	OPR-PROFESSIONAL SERVICES-OTHER	1,800	1,800	-
52211	OPR-USGS MONITORING	15,450	16,200	750
52216	OPR-REGULATORY FEES	127,200	39,000	(88,200)
52222	OPR-MEMBERSHIPS & PUBLICATIONS	720	720	-
52223	OPR-LICENSE & TRAINING	1,056	1,056	-
52224	OPR-TRAVEL & MEETINGS	1,200	1,200	-
	Total Professional Services and Fees	147,426	59,976	(87,450)
Office Expenses				
52301	OPR-OFFICE SUPPLIES	2,400	2,400	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	3,650	4,400	750
52305	OPR-POSTAGE AND FREIGHT EXPENSE	-	250	250
52306	OPR-COMMUNICATIONS	11,000	12,900	1,900
52322	OPR-MEDIA EXPENSE	3,000	-	(3,000)
	Total Office Expenses	20,050	19,950	(100)
Other Operating Expenses				
52403	OPR-OFFICE/BUILDING RENTAL	-	18,000	18,000
52404	OPR-RIGHT OF WAY	-	2,200	2,200
52420	OPR-INSURANCE EXPENSE	39,805	42,500	2,695
52430	OPR-MISC EXPENSE	4,560	4,560	-
	Total Other Operating Expenses	44,365	67,260	22,895
	SUBTOTAL OF OPERATIONAL EXPENSES	1,246,101	1,184,750	(61,351)
Maintenance and Repair Equipment				
53101	M&R-EQUIPMENT	4,800	6,500	1,700
53115	M&R-METERS	2,160	3,000	840

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
	Total Maintenance and Repair Equipment	6,960	9,500	2,540
	Structures			
53201	M&R-BUILDING	8,500	9,000	500
53205	M&R-PUMPS AND MOTORS	4,500	4,500	-
53210	M&R-GATES AND VALVES	12,000	25,000	13,000
53230	M&R-PIPELINES	1,200	1,200	-
	Total Structures	26,200	39,700	13,500
	Other Maintenance & Repairs			
53301	M&R-ROADS	100	1,000	900
53310	M&R-GROUNDS/ROW	4,060	4,060	-
53325	M&R-GENERAL MAINTENANCE	48,960	83,960	35,000
53399	M&R-MISC EXPENSE	1,500	1,500	-
	Total Other Maintenance & Repairs	54,620	90,520	35,900
	SUBTOTAL OF M&R EXPENSES	87,780	139,720	51,940
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	93,276	92,176	(1,100)
	Total Administrative & General	93,276	92,176	(1,100)
	Capital Outlay			
13217	AUTO & HEAVY EQUIPMENT	75,000	143,000	68,000
	Total Capital Outlay	75,000	143,000	68,000
	TOTAL OPERATING AND M&R EXPENSES	1,502,157	1,559,646	57,489
	Net Operating Income	11,347	(20,941)	(32,288)
	Net Change in Fund Balance	11,347	(20,941)	(32,288)

Calhoun Canal - Capital Outlay Expense

Description	FY 2023
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Capital Outlay Funded From Current Revenues

5 yard Dump Truck	\$	105,000
Replacement Truck-Unit 49-Water Tender Truck	\$	38,000
Total Calhoun Canal Capital Outlay Expense		\$ 143,000



San Marcos WTP

This division operates and manages the San Marcos Water Treatment Plant, which is capable of producing 21 mgd of high quality drinking water. Raw water from Canyon Reservoir is pumped from Lake Dunlap through a 20-mile pipeline, treated to meet state and federal drinking standards, and delivered to the cities of San Marcos, Kyle, Buda, as well as the Goforth Special Utility District, Monarch Utilities, and Sunfield Municipal Utility District.

The plant is owned by the City of San Marcos, which selected GBRA to be the contract operator of this \$7.2 million facility. Operations began in January 2000 with an initial treatment capacity of 6 mgd.

The plant's water source is stored water from Canyon Reservoir, contracted by the City of San Marcos and others. GBRA built and owns the pump station at Lake Dunlap that diverts the stored water, and the 20 miles of pipeline that delivers the water to the plant for treatment.

The conversion to surface water has reduced the City of San Marcos' daily pumping from the Edwards Aquifer by an average of 75%. Reduced pumping protects the spring flow contributions to the Guadalupe River from the Comal Springs and the San Marcos Springs. Existing city wells can be reserved for use as supplemental resources during peak usage periods.

-
- | | |
|---|--|
| <ul style="list-style-type: none">• Service Provided: Water treatment• Location: San Marcos, TX• Startup Operation Date: January 2000• Service Area: Hays County, TX | <ul style="list-style-type: none">• Plant Capacity: 21 MGD• # of Gallons Treated: 4,921,981,000• # of Current Employees: 9• Budgeted Revenue: \$2,804,181 |
|---|--|

Water Resource Division

San Marcos Water Treatment Plant

Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

The Guadalupe-Blanco River Authority began operations of the City of San Marcos Water Treatment Plant to operate the surface water and ground water production facilities in January 2000. A recent agreement extends the contract through 2025. The surface water treatment plant is located between State Highways 21 and 80 on the east side of San Marcos. Raw water for the plant is supplied from Canyon Reservoir which is diverted from Lake Dunlap, downstream of Canyon Dam and delivered through a 20-mile pipeline that GBRA owns and operates.

The ground water system consists of six wells that provide the City with water from the Edwards Aquifer and six booster pump stations. The wells supply water to those areas of the City not served by the surface water treatment plant and supplements the surface water supply during times when the plant capacity is not adequate to meet City demand. GBRA is responsible for the operations and maintenance of the booster stations and chemical feed systems associated with the ground water system. The City continues to maintain the wells, control systems, and water distribution system.

The plant was originally built to treat nine million gallons per day (MGD) to provide the base requirements for the City of San Marcos. In 2006 the expansion of the plant was complete to increase capacity from 9 MGD to 21 MGD as GBRA contracted with other water customers from the plant by way of the IH-35 transmission pipeline and pump station that was completed during 2006. Customers of the IH-35 Treated Water Delivery System (TWDS) are the Cities of Kyle and Buda, Monarch Water Supply, and the Goforth Special Utility District. Income and expenses for the IH-35 system are shown in the Water Sales portion of the Water Resources budget.

A Plant Manager, Chief Operator, and seven Operators staff the plant. Operations are continuous, 24 hours a day, and include managing the water deliveries through the raw water pipeline and the IH35 TWDS, operating and maintaining the plant, and monitoring treated water quality to insure it meets contractual requirements. Specialized instrumentation and electrical maintenance labor are supplied through interdivisional transfers of personnel, and predictive maintenance of equipment is contracted with outside vendors. During FY 20, a ten-year capital improvement plan was prepared to assist the City in understanding the upcoming capital needs of the plant.

REVENUE SOURCES AND TRENDS

This operating budget includes an annual service fee of \$1,100,060 payable by the City in monthly installments. Additionally, the City reimburses GBRA for the actual costs incurred for power, chemicals, insurance, and a letter of credit. In FY 2023, these pass-through reimbursements are projected to total \$1,438,137. Revenue from other water customers is estimated to be \$1,281,496.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The total operating costs budgeted for FY 2023 is \$2,804,181. Significant costs within the budget include personnel costs at \$798,064, power and utilities at \$498,031, chemicals at \$806,861, and maintenance & repair expenses of \$416,500.

FUND BALANCE

The budget projects a fund balance of \$0.



Staffing Summary

San Marcos WTP	# of Authorized Positions (FTE)		
	2021	2022	2023
Plant Manager	1	1	1
Chief Operator	1	1	1
Operator	6	7	7
Total	8	9	9

Changes from FY 2021 to FY 2022

1-Operator position was added for this division.

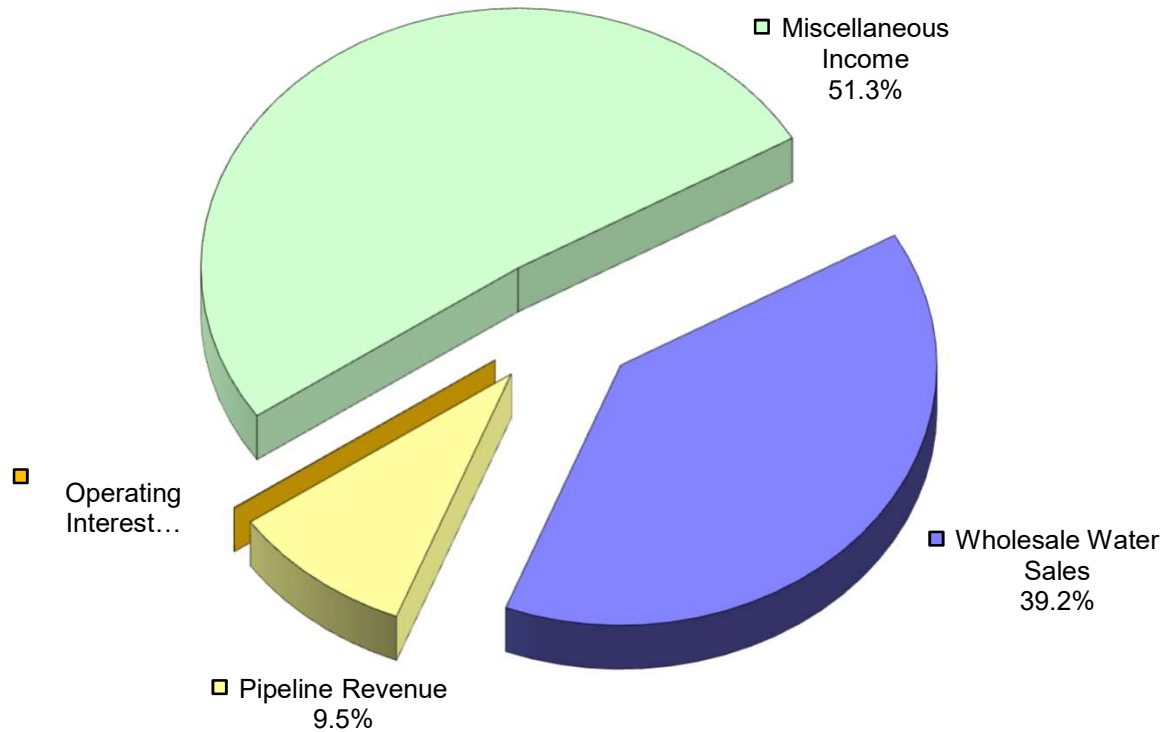
Changes from FY 2022 to FY 2023

No staffing changes for this division.



Budget Summary

REVENUES - SAN MARCOS WTP

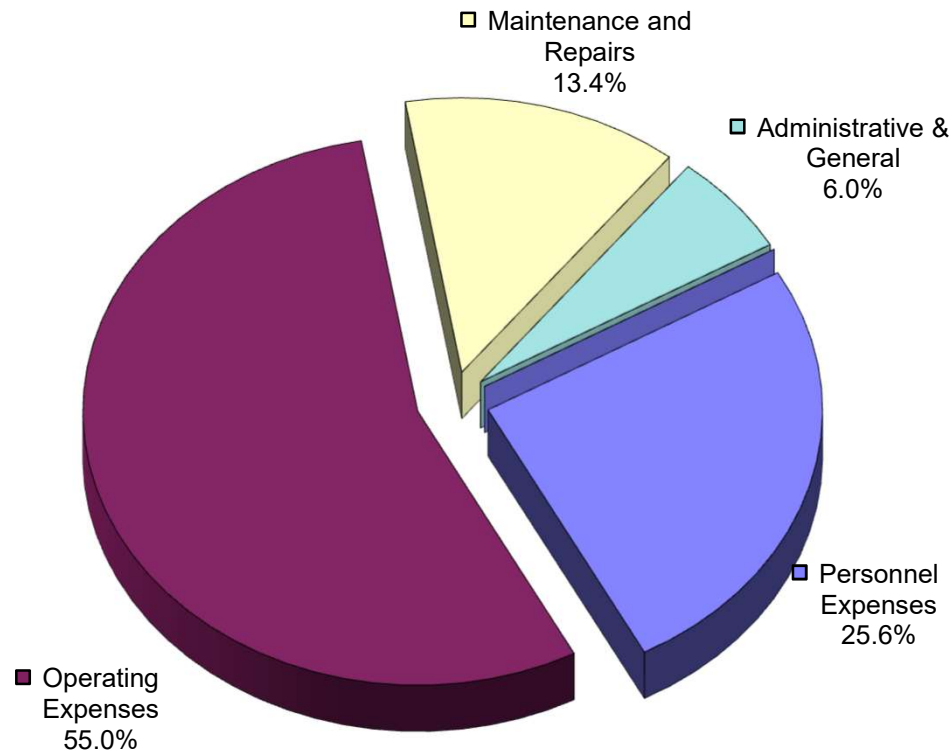


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales	1,001,984	1,012,232	1,100,060
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue	220,653	263,270	265,584
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest	632	1,400	400
Grant & Interlocal Agreement Income			
Miscellaneous Income	970,287	1,285,475	1,438,137
Total Operating Revenue	2,193,556	2,562,377	2,804,181
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	2,193,556	2,562,377	2,804,181



Budget Summary

EXPENSES - SAN MARCOS WTP



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	743,118	777,706	798,064
Operating Expenses	1,336,118	1,465,257	1,716,042
Maintenance and Repairs	396,466	402,500	416,500
Administrative & General	172,185	182,664	187,456
Capital Expense & Outlay			
Transfers		(265,750)	(313,881)
Total Operating and M&R Expenses	2,647,887	2,562,377	2,804,181
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	2,647,887	2,562,377	2,804,181

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**044 - San Marcos WTP
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wholesale Water Treatment				
42201	ANNUAL SERVICE FEE INCOME	1,012,232	1,100,060	87,828
	Total Wholesale Water Treatment	1,012,232	1,100,060	87,828
Pipeline Revenue				
42570	O&M-SMWTP, COSM	(800,000)	(1,015,912)	(215,912)
42571	O&M-SMWTP, BUDA	159,682	187,528	27,846
42572	O&M-SMWTP, GOFORTH	365,260	439,557	74,297
42573	O&M-SMWTP, KYLE	447,491	555,187	107,696
42574	O&M-SMWTP, MONARCH	90,837	99,224	8,387
	Total Pipeline Revenue	263,270	265,584	2,314
Operating Interest				
44110	INT-OPR INVESTMENT FUNDS	1,400	400	(1,000)
	Total Operating Interest	1,400	400	(1,000)
Pass-Through Costs				
45240	PASS-THROUGH-ELECTRIC COSTS	444,860	425,944	(18,916)
45241	PASS-THROUGH-CHEMICAL COSTS	494,279	756,684	262,405
45242	PASS-THROUGH-GNDWTR ELECTRIC COSTS	200,500	110,187	(90,313)
45243	PASS-THROUGH-GNDWTR CHEMICAL COSTS	34,660	27,522	(7,138)
45244	PASS-THROUGH-INSURANCE	25,676	30,300	4,624
45245	PASS-THROUGH-LOC	10,500	12,500	2,000
45246	PASS-THROUGH-INSPECTION	75,000	75,000	-
	Total Pass-Through Costs	1,285,475	1,438,137	152,662
	Total Operating Revenue	2,562,377	2,804,181	241,804
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	497,820	516,868	19,048
51102	LBR-OVERTIME	55,707	51,149	(4,558)

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
	Total Salaries	553,527	568,017	14,490
	Benefits			
51298	BEN-BENEFIT ALLOCATION	224,179	230,047	5,868
	Total Benefits	224,179	230,047	5,868
	Operating Supplies & Services			
52101	OPR-POWER & UTILITIES	630,759	498,031	(132,728)
52102	OPR-AUXILIARY POWER EXPENSE	14,600	35,600	21,000
52103	OPR-CHEMICALS	528,939	806,861	277,922
52110	OPR-SMALL TOOLS AND SUPPLIES	5,000	5,000	-
52111	OPR-PUBLIC NOTICES AND COMMUNICATIONS	500	500	-
52113	OPR-LAB SUPPLIES	15,000	15,000	-
52114	OPR-LABORATORY SERVICES-GBRA	3,500	3,500	-
52115	OPR-LABORATORY SERVICES-OUTSOURCED	1,500	1,500	-
52118	OPR-DISPOSAL SERVICES	60,000	90,000	30,000
52120	OPR-UNIFORMS	5,400	6,300	900
52121	OPR-SAFETY & EMERGENCY EXPENSE	6,000	7,000	1,000
52125	OPR-VEHICLE EXPENSE	7,000	10,000	3,000
52126	OPR-FLEET LEASE EXPENSE	13,033	12,650	(383)
52133	OPR-SCADA	7,000	27,500	20,500
	Total Operating Supplies & Services	1,298,231	1,519,442	221,211
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	16,000	31,450	15,450
52216	OPR-REGULATORY FEES	-	75,000	75,000
52217	OPR-INSPECTION FEES	75,000	-	(75,000)
52220	OPR-BANK FEES	10,500	12,500	2,000
52222	OPR-MEMBERSHIPS & PUBLICATIONS	1,500	1,500	-
52223	OPR-LICENSE & TRAINING	5,000	5,000	-
52224	OPR-TRAVEL & MEETINGS	3,000	5,000	2,000
	Total Professional Services and Fees	111,000	130,450	19,450
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	4,000	4,000	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	8,350	10,500	2,150
52303	OPR-WIDE AREA NETWORK EXPENSE	3,000	1,650	(1,350)
52305	OPR-POSTAGE AND FREIGHT EXPENSE	300	500	200
52306	OPR-COMMUNICATIONS	4,500	6,000	1,500
52323	OPR-EMPLOYEE RELATIONS	1,200	1,200	-
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	5,000	7,000	2,000
	Total Office Expenses	26,350	30,850	4,500
	Other Operating Expenses			
	52420 OPR-INSURANCE EXPENSE	25,676	30,300	4,624

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52430	OPR-MISC EXPENSE	4,000	5,000	1,000
	Total Other Operating Expenses	29,676	35,300	5,624
	SUBTOTAL OF OPERATIONAL EXPENSES	2,242,963	2,514,106	271,143
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	30,000	30,000	-
53110	M&R-CONTROL SYSTEMS	40,000	50,000	10,000
53115	M&R-METERS	15,000	12,000	(3,000)
	Total Maintenance and Repair Equipment	85,000	92,000	7,000
	Structures			
53201	M&R-BUILDING	30,000	30,000	-
53202	M&R-CLEARWELLS	6,000	4,000	(2,000)
53205	M&R-PUMPS AND MOTORS	40,000	65,000	25,000
53216	M&R-PUMPSTATIONS	40,000	30,000	(10,000)
53220	M&R-CLARIFIERS	100,000	10,000	(90,000)
53230	M&R-PIPELINES	8,000	8,000	-
53238	M&R-FILTERS	10,000	100,000	90,000
	Total Structures	234,000	247,000	13,000
	Other Maintenance & Repairs			
53301	M&R-ROADS	2,500	2,500	-
53310	M&R-GROUNDS/ROW	26,000	30,000	4,000
53320	M&R-PONDS AND LAGOONS	10,000	10,000	-
53325	M&R-GENERAL MAINTENANCE	40,000	30,000	(10,000)
53399	M&R-MISC EXPENSE	5,000	5,000	-
	Total Other Maintenance & Repairs	83,500	77,500	(6,000)
	SUBTOTAL OF M&R EXPENSES	402,500	416,500	14,000
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	182,664	187,456	4,792
	Total Administrative & General	182,664	187,456	4,792
	Transfers			
61515	TRANSFERS-RESERVE FUND	(265,750)	(313,881)	(48,131)
	Total Transfers	(265,750)	(313,881)	(48,131)
	TOTAL OPERATING AND M&R EXPENSES	2,562,377	2,804,181	241,804
	Net Operating Income	-	-	-

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
Net Change in Fund Balance	-	-	-



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Buda WWTP

The Buda wastewater treatment plant treats up to 1.5 million gallons per day (mgd) under contract with the City of Buda. GBRA assumed operations of the Buda WWTP in October 2001 after the plant expansion in July 2001. Located in the environmentally sensitive Onion Creek watershed, the plant is operated as a "complete mix, activated sludge system" utilizing two clarifiers and three filters for biosolids and phosphorus removal. Sludge handling is facilitated by a 2 meter belt filter press. Reuse water is supplied to the City for irrigation of rights of way and parks.

The plant has been expanded twice since GBRA began operations and is slated for a third expansion to 3.75 MGD during Fiscal Year 2019.

-
- | | |
|--|---------------------------------|
| • Service Provided: Wastewater treatment | • Capacity: 1.5 MGD |
| • Location: Buda, TX | • # of Current Employees: 2 |
| • Startup Operation Date: 2001 | • Budgeted Revenue: \$1,153,311 |
| • Customer: City of Buda | |

Water Resource Division

Buda Wastewater Treatment Plant System

Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

After signing a contract with the City of Buda in September 2001, GBRA assumed operation of the City's wastewater plant on October 1, 2001. The contract between the City of Buda and GBRA provides that GBRA will bill the City the actual cost of operating and maintaining the plant. As a result, revenue is matched to expenses and GBRA does not over-recover nor under-recover the cost of operating the plant. The plant has a current treatment capacity of 3.5 MGD.

The System is within the Hays Wastewater Division and is supervised by the Hays Wastewater Manager and operated by eight operators dividing their time between the Buda, Shadow Creek, and Sunfield plants. In addition, some contract labor and support from other GBRA Divisions are included in the form of electrical, preventive maintenance, supervision, engineering, purchasing, laboratory, and administrative functions. GBRA's budget forecast includes all payroll and benefit expenses. Serving as a facilitator to the team will be the Division Manager-Hays/Caldwell Counties.

REVENUE SOURCES AND TRENDS

The following Work Plan and Budget for the Buda Wastewater Treatment Plant is based on the treatment of an average sewage flow of 489 million gallons per year or 1.340 million gallons per day (MGD) and is based upon a 12-month fiscal year beginning September 1, 2022 and ending August 31, 2023. The budgeted FY 2023 revenue for the Buda Division is \$1,153,311, which is \$79,347 or 7.4% more than last year's budget.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The combined capital additions and operating expenditure budget for FY 2023 amounts to \$1,153,311. Major expenses include power and utility costs of \$165,000, biosolids disposal costs of \$149,000, and chemical costs of \$157,000. Also, laboratory testing and supplies are estimated at \$49,000.

The budget assumes that the City of Buda will be completely responsible for insurance and risk management. Additionally, the budget includes the standard administration and general cost percentage charged to all operating divisions of GBRA.

FUND BALANCE

Funds for the above listed capital additions and maintenance projects as well as all of the other operating expenditures summarized in the following pages will be provided from revenues from the City of Buda. Since this system represents a contract operation in which GBRA does not over-recover nor under-recover its costs, the net change in fund balance for FY 2023 is \$0.



Staffing Summary

Buda WWTP	# of Authorized Positions (FTE)		
	2021	2022	2023
Operator	2	3	2
Total	2	3	2

Changes from FY 2021 to FY 2022

1-Operator position was added for this division.

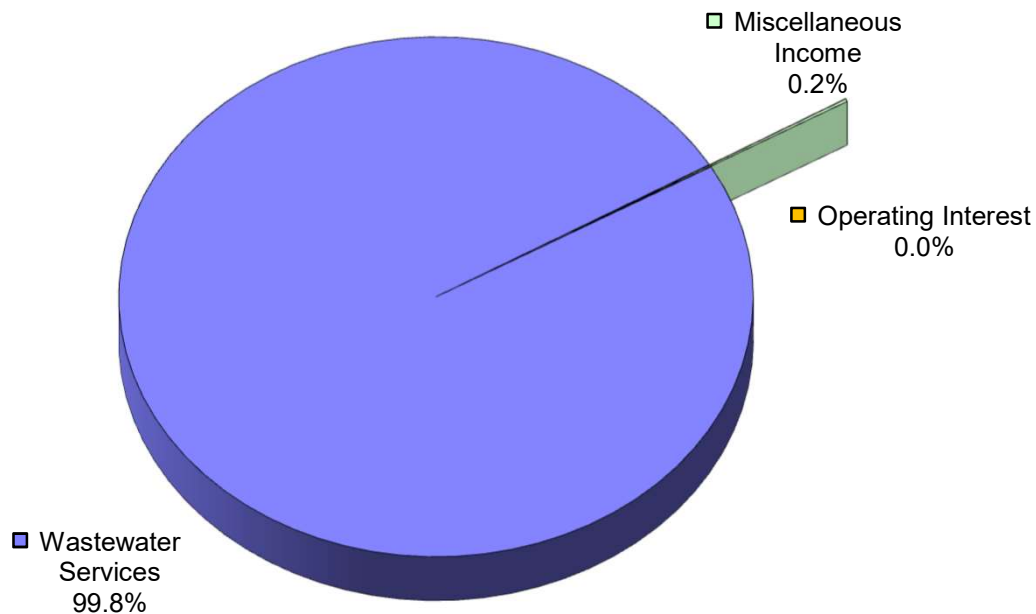
Changes from FY 2022 to FY 2023

1-Operator position was transitioned to another Hays County operation.



Budget Summary

REVENUES - BUDA WWTP

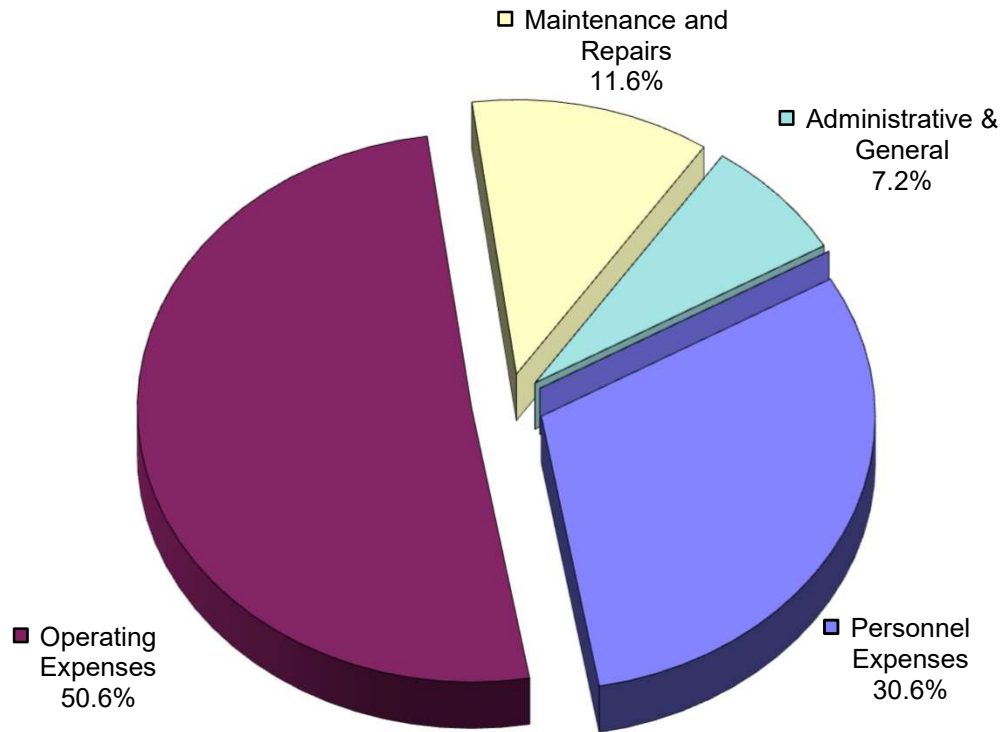


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services	945,032	1,072,129	1,151,511
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest		35	
Grant & Interlocal Agreement Income			
Miscellaneous Income		1,800	1,800
Total Operating Revenue	945,032	1,073,964	1,153,311
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	945,032	1,073,964	1,153,311



Budget Summary

EXPENSES - BUDA WWTP



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	279,541	345,747	352,433
Operating Expenses	468,215	541,009	584,100
Maintenance and Repairs	101,567	106,000	134,000
Administrative & General	65,641	81,208	82,778
Capital Expense & Outlay	30,068		
Transfers			
Total Operating and M&R Expenses	945,032	1,073,964	1,153,311
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	945,032	1,073,964	1,153,311

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**045 - Buda WWTP
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wastewater Treatment				
41201	WW-OPR & MAINTENANCE	992,721	1,066,800	74,079
41202	WW-ADMINISTRATIVE & GENERAL	81,208	86,511	5,303
41207	WW-CREDIT TO CUSTOMER	(1,800)	(1,800)	-
	Total Wastewater Treatment	1,072,129	1,151,511	79,382
Internal Transfers				
43002	REV-BUILDING/EQUIP RENTAL	1,800	1,800	-
	Total Internal Transfers	1,800	1,800	-
Operating Interest				
44110	INT-OPR INVESTMENT FUNDS	35	-	(35)
	Total Operating Interest	35	-	(35)
	Total Operating Revenue	1,073,964	1,153,311	79,347
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	234,300	239,846	5,546
51102	LBR-OVERTIME	11,783	10,996	(787)
	Total Salaries	246,083	250,842	4,759
Benefits				
51298	BEN-BENEFIT ALLOCATION	99,664	101,591	1,927
	Total Benefits	99,664	101,591	1,927
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	175,000	165,000	(10,000)
52102	OPR-AUXILIARY POWER EXPENSE	7,000	4,000	(3,000)
52103	OPR-CHEMICALS	94,200	157,000	62,800
52110	OPR-SMALL TOOLS AND SUPPLIES	1,000	1,500	500
52113	OPR-LAB SUPPLIES	10,000	10,000	-

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52114 OPR-LABORATORY SERVICES-GBRA	29,500	33,000	3,500
52115 OPR-LABORATORY SERVICES-OUTSOURCED	5,200	6,000	800
52118 OPR-DISPOSAL SERVICES	140,000	149,000	9,000
52120 OPR-UNIFORMS	2,500	2,800	300
52121 OPR-SAFETY & EMERGENCY EXPENSE	4,000	4,000	-
52124 OPR-EQUIPMENT EXPENSE	2,600	2,600	-
52125 OPR-VEHICLE EXPENSE	2,500	2,500	-
52126 OPR-FLEET LEASE EXPENSE	1,200	-	(1,200)
52133 OPR-SCADA	21,500	1,700	(19,800)
Total Operating Supplies & Services	496,200	539,100	42,900
Professional Services and Fees			
52205 OPR-PROFESSIONAL SERVICES-OTHER	8,000	7,000	(1,000)
52216 OPR-REGULATORY FEES	-	9,400	9,400
52217 OPR-INSPECTION FEES	9,400	-	(9,400)
52222 OPR-MEMBERSHIPS & PUBLICATIONS	500	500	-
52223 OPR-LICENSE & TRAINING	2,100	2,100	-
52224 OPR-TRAVEL & MEETINGS	3,000	3,000	-
Total Professional Services and Fees	23,000	22,000	(1,000)
Office Expenses			
52301 OPR-OFFICE SUPPLIES	1,200	1,200	-
52302 OPR-COMPUTER & SOFTWARE EXPENSE	5,350	5,850	500
52303 OPR-WIDE AREA NETWORK EXPENSE	3,000	4,150	1,150
52306 OPR-COMMUNICATIONS	6,000	6,000	-
52331 OPR-JANITORIAL SUPPLIES AND SERVICE	2,000	-	(2,000)
Total Office Expenses	17,550	17,200	(350)
Other Operating Expenses			
52420 OPR-INSURANCE EXPENSE	3,659	5,800	2,141
52430 OPR-MISC EXPENSE	600	-	(600)
Total Other Operating Expenses	4,259	5,800	1,541
SUBTOTAL OF OPERATIONAL EXPENSES	886,756	936,533	49,777
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	16,000	41,000	25,000
53110 M&R-CONTROL SYSTEMS	12,000	12,000	-
53115 M&R-METERS	10,000	10,000	-
Total Maintenance and Repair Equipment	38,000	63,000	25,000
Structures			
53201 M&R-BUILDING	1,000	2,000	1,000
53205 M&R-PUMPS AND MOTORS	34,000	34,000	-
53210 M&R-GATES AND VALVES	10,000	10,000	-

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
53220	M&R-CLARIFIERS	16,000	16,000	-
53238	M&R-FILTERS	3,000	3,000	-
	Total Structures	64,000	65,000	1,000
	Other Maintenance & Repairs			
53310	M&R-GROUNDS/ROW	4,000	6,000	2,000
	Total Other Maintenance & Repairs	4,000	6,000	2,000
	SUBTOTAL OF M&R EXPENSES	106,000	134,000	28,000
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	81,208	82,778	1,570
	Total Administrative & General	81,208	82,778	1,570
	TOTAL OPERATING AND M&R EXPENSES	1,073,964	1,153,311	79,347
	Net Operating Income	-	-	-
	Net Change in Fund Balance	-	-	-



Carrizo Groundwater Supply

This division was established in 2018 and will collect up to 15,000 acre-feet of groundwater from the Carrizo Aquifer in Gonzales and Caldwell counties, treat the water at a plant that will be jointly constructed with Alliance Regional Water Authority, and deliver the drinking water to New Braunfels Utilities, City of Lockhart, and Goforth Special Utility District. Additional customers will be added in the near future.

The design and construction of the project is expected to take five years.

-
- Service Provided: Groundwater collection, treatment, and delivery
 - Location: Gonzales and Caldwell counties
 - Startup Operation Date: 2023
 - # of Current Employees: 0
 - Budgeted Operating Revenue: \$1,230,000
 - Customers: New Braunfels Utilities, City of Lockhart, and Goforth SUD

Water Resources Division Carrizo Groundwater Supply Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

During FY 2018, GBRA completed the purchase of Texas Water Alliance, a company owning groundwater leases in Gonzales and Caldwell counties that will produce water supply for the project's customers. GBRA signed a contract with Alliance Regional Water Authority to collaborate on a multi-year project to construct a water treatment plant and transmission mains to deliver treated water derived from the underground leases to wholesale customers. New Braunfels Utilities, City of Lockhart and Goforth Special Utility District have contracted with GBRA to receive treated water once the project is constructed and operational. Contracts with additional customers are currently being finalized and a permit is pending with the Gonzales County Underground Water Conservation District to expand the level of production from the wells.

REVENUE SOURCES AND TRENDS

Revenue consists of payments by the three current customers based on pro-rata portions of their contracted acre-feet of water. The funds during the construction period will cover ongoing costs associated with rights and access.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Operating expenses at this early stage of the project are primarily for annual lease payments, ground water district fees, personnel costs associated with construction inspection activities, and other operational & administrative expenses.

FUND BALANCE

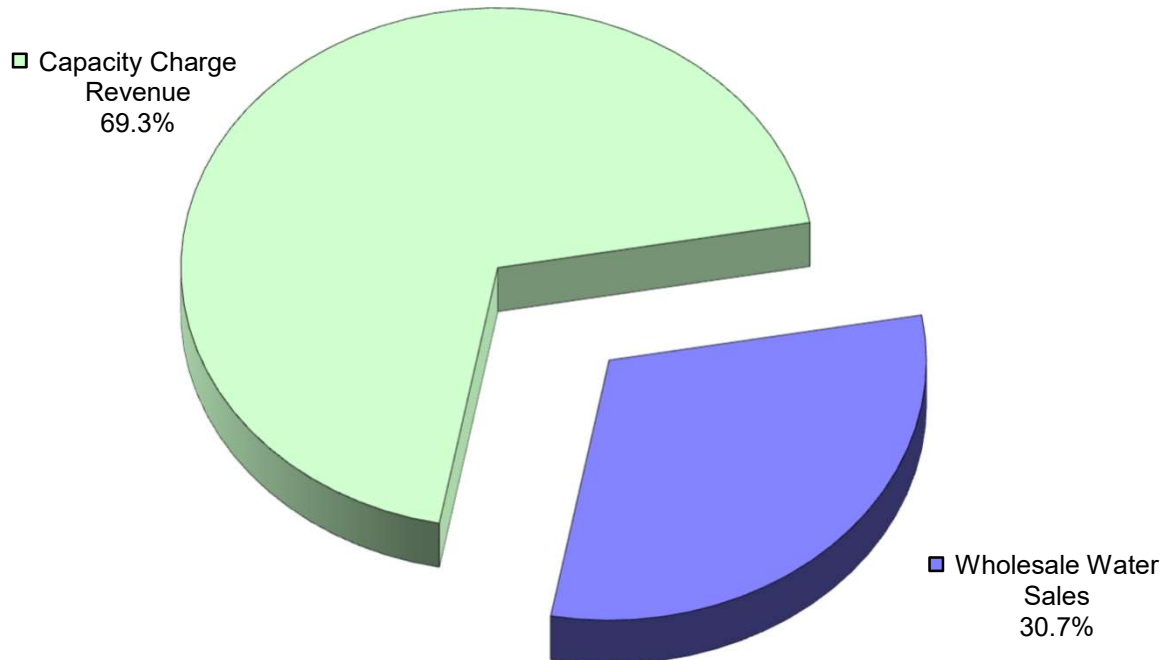
Funds for the above listed operations will be covered by revenues from customer billings.

A net increase in the fund balance of \$141,968 is anticipated due to the timing of receipt of funds and payment of expenses.



Budget Summary

REVENUES - CARRIZO GROUNDWATER SYSTEM

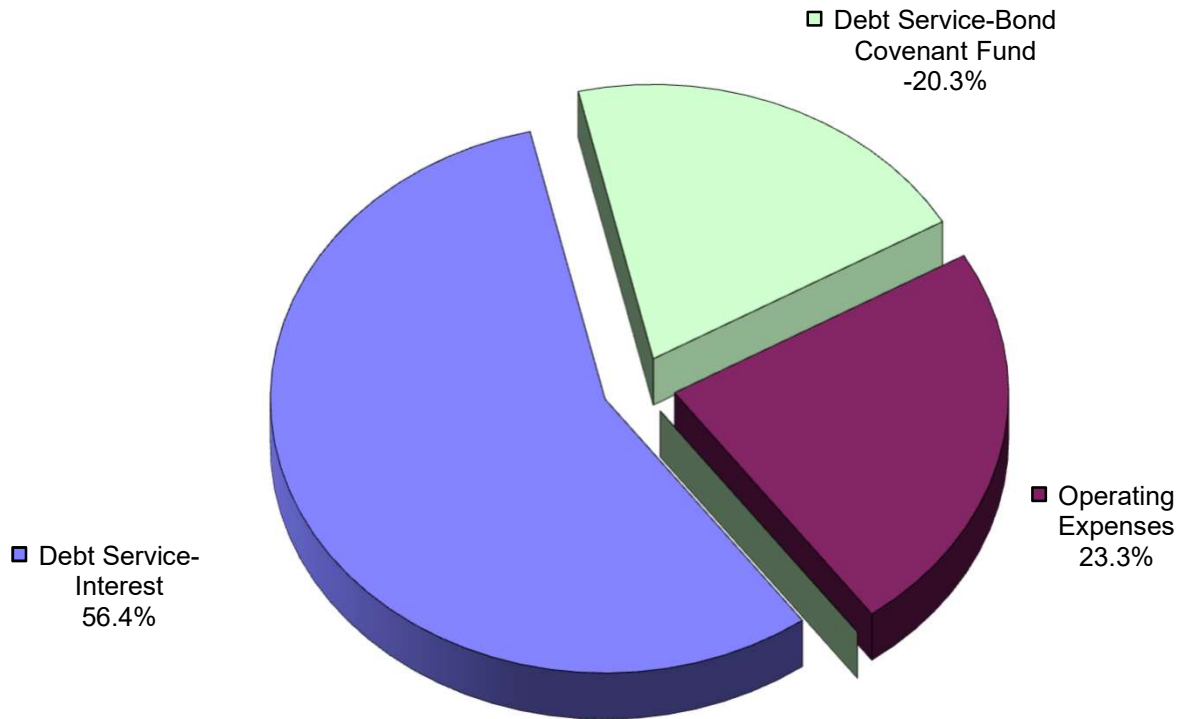


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales	1,825,000	1,230,000	1,230,000
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest	26,832		
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	1,851,832	1,230,000	1,230,000
Capacity Charge Revenue	181,735	532,319	2,772,920
I/F Loan Repayments from Operations			
Grand Total Revenues	2,033,567	1,762,319	4,002,920



Budget Summary

EXPENSES - CARRIZO GROUNDWATER SYSTEM



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses		99,853	86,639
Operating Expenses	1,262,271	1,105,188	1,233,128
Maintenance and Repairs			
Administrative & General		23,453	20,349
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	1,262,271	1,228,494	1,340,116
Debt Service-Principal		26,667	605,416
Debt Service-Interest	3,587,417	1,594,978	2,988,579
Debt Service-Bond Covenant Fund		(1,137,717)	(1,073,159)
Grand Total Expenses	4,849,688	1,712,422	3,860,952

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**047 - Carrizo Groundwater System
Department ***

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Wholesale Raw Water Sales			
42151 CARRIZO-NEW BRAUNFELS UTILITES	656,000	656,000	-
42152 CARRIZO-CITY OF LOCKHART	246,000	246,000	-
42153 CARRIZO-GOFORTH SUD	328,000	328,000	-
Total Wholesale Raw Water Sales	1,230,000	1,230,000	-
Total Operating Revenue	1,230,000	1,230,000	-
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	61,800	61,665	(135)
51102 LBR-OVERTIME	9,270	-	(9,270)
Total Salaries	71,070	61,665	(9,405)
Benefits			
51298 BEN-BENEFIT ALLOCATION	28,783	24,974	(3,809)
Total Benefits	28,783	24,974	(3,809)
Operating Supplies & Services			
52126 OPR-FLEET LEASE EXPENSE	6,000	6,000	-
52133 OPR-SCADA	-	15,000	15,000
Total Operating Supplies & Services	6,000	21,000	15,000
Professional Services and Fees			
52205 OPR-PROFESSIONAL SERVICES-OTHER	5,600	5,600	-
52212 OPR-CARRIZO LEASE PAYMENTS	923,050	1,012,300	89,250
52213 OPR-GROUNDWATER DISTRICT FEES	150,788	191,528	40,740
52216 OPR-REGULATORY FEES	17,950	-	(17,950)
52220 OPR-BANK FEES	1,800	-	(1,800)
Total Professional Services and Fees	1,099,188	1,209,428	110,240
Office Expenses			

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52302	OPR-COMPUTER & SOFTWARE EXPENSE	-	2,400	2,400
	Total Office Expenses	-	2,400	2,400
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	-	300	300
	Total Other Operating Expenses	-	300	300
	SUBTOTAL OF OPERATIONAL EXPENSES	1,205,041	1,319,767	114,726
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	23,453	20,349	(3,104)
	Total Administrative & General	23,453	20,349	(3,104)
	TOTAL OPERATING AND M&R EXPENSES	1,228,494	1,340,116	111,622
	Net Operating Income	1,506	(110,116)	(111,622)

DEBT SERVICE BUDGET

	Capacity Charge Revenue			
42695	DEBT SERV-CARRIZO, NBU	290,063	1,588,242	1,298,179
42696	DEBT SERV-CARRIZO, GOFORTH	133,518	594,059	460,541
42697	DEBT SERV-CARRIZO, LOCKHART	108,738	590,619	481,881
	Total Capacity Charge Revenue	532,319	2,772,920	2,240,601
	Total Debt Revenue	532,319	2,772,920	2,240,601
	Principal Payments Expense			
21213	BOND-2018A TWDB CARRIZO GRNDWTR	-	22,083	22,083
21214	BOND-2018B TWDB CARRIZO GRNDWTR	26,667	321,250	294,583
21216	BOND-2019 TWDB CARRIZO GRNDWTR	-	262,083	262,083
	Total Principal Payments Expense	26,667	605,416	578,749
	Interest Expense			
57215	INT-2018/19/20/21 CARRIZO GROUNDWATER, TWDI	1,594,978	2,988,579	1,393,601
	Total Interest Expense	1,594,978	2,988,579	1,393,601
	Transfers			
61550	TRANSFERS-RESTRICTED/BOND COVENANT FUND	(1,137,717)	(1,073,159)	64,558
	Total TRANSFERS-RESTRICTED/BOND COVENANT FL	(1,137,717)	(1,073,159)	64,558

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
Total Debt Expense	483,928	2,520,836	2,036,908
Net Change in Debt Service Budget	48,391	252,084	203,693
Net Change in Fund Balance	49,897	141,968	92,071



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Western Canyon WTP

The Western Canyon Water Treatment Plant, which began delivering treated water to customers on April 3, 2006, uses water from Canyon Reservoir to provide a firm supply of treated drinking water to area communities and water systems. Some of these customers, as well as many other area residents, depend upon wells drilled into the groundwater supplies of the Edwards and Trinity Aquifers. Some wells experience water quality and quantity problems during low rainfall or drought, and the Western Canyon water helps to supplement these sources.

Water treatment plant operators are responsible for the pump station located at the raw water intake at Comal Park on Canyon Lake, a 10 mgd micro-filtration water treatment plant near Startzville, two booster pump stations, and approximately 45 miles of raw and treated water pipelines. The employees at the plant are also responsible for monitoring the customer delivery points along the treated water transmission pipeline with the use of a SCADA (supervisory control and data acquisition) system. Distribution and collection system employees operate wastewater collection and treatment systems in Canyon Park Estates, Cordillera Ranch, Johnson Ranch, Bulverde Singing Hills, 4S Ranch, and Park Village and water distribution systems in Cordillera Ranch, Comal Trace, and Johnson Ranch.

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- | | |
|--|---|
| • Service Provided: Water treatment | • # of Current Employees: 20 |
| • Location: Canyon Lake, TX | • Budgeted Operating Revenue: \$5,097,245 |
| • Startup Operation Date: 2006 | |
| • Service Area: Comal & Kendall Co, TX | |
| • Capacity: 10 MGD | |

Western Canyon Division

Western Canyon Water Treatment Plant System

Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

The Western Canyon Water Treatment Plant System, which began sending treated water to customers in March 2006, is responsible for operating the raw water pump station located at Canyon Lake, the raw water pipeline, the water treatment plant, the treated water transmission pipeline, the Amman Road booster pump station and the FM 3351 booster pump station. The Western Canyon Water Treatment Plant is also monitoring the customer delivery points along the treated water transmission pipeline via SCADA. Customers of the Western Canyon Water Treatment Plant include San Antonio Water System, City of Fair Oaks Ranch, City of Boerne, Canyon Lake Water Supply Corporation, Kendall West Utilities, Miralomas Municipal Utility District, Cordillera Ranch, Comal Trace, and Johnson Ranch subdivisions.

REVENUE SOURCES AND TRENDS

Revenues are obtained through monthly water service fees to the wholesale customers. The proposed rate charged to the customers in FY 2023 is \$1.394 per thousand gallons.

CAPITAL ADDITIONS AND OPERATING EXPENSES

The principal operating expenditures budgeted for FY 2023 includes total power costs of \$1,301,000. This includes the electrical power for the Western Canyon WTP, the raw water pump station, the Ammann Road booster pump station, and the FM 3351 booster pump station. Chemical costs of \$375,000, for chlorine use for disinfection, membrane cleaning chemicals, including sodium hydroxide, citric acid and sodium hypochlorite, and the water treatment coagulant aluminum chlorohydrate. Also included are sludge disposal and chemical cleaning (CIP) water disposal costs totaling \$225,000 and engineering studies for backup generation options and membrane piloting for \$215,000. Maintenance and repairs costs of \$355,000 are also included in the budget.

In order to meet public service needs through motivated employees, provide advanced training, and maintain and upgrade occupational licenses, personnel will attend courses provided by various approved sources such as Texas Engineering Extension Service and Texas Water Utility Association. Plant personnel will also conduct in-house training in team building skills, confined space rescue, hazard communication, electrical safety and maintenance, first aid, and CPR. Other training will include computer software and personal development seminars.

There are no capital additions included in the FY 2023 budget.

FUND BALANCE

Funds for the above listed capital additions in addition to all of the other operating expenditures that are summarized in the following pages will be provided from revenues from customer billings. In the upcoming FY 2023, the fund balance is expected to be \$11,154.



Western Canyon WTP	# of Authorized Positions (FTE)		
	2021	2022	2023
Western Canyon/RUD Wastewater Manager	1	1	1
Chief Operator	2	2	2
Electrical/Instrumentation Technician	1	1	1
Operators: Lead, Plant, Distribution	10	12	16
Total	14	16	20

2-Operator positions were added for this division.

Changes from FY 2021 to FY 2022

2-Operator positions were added for this division.

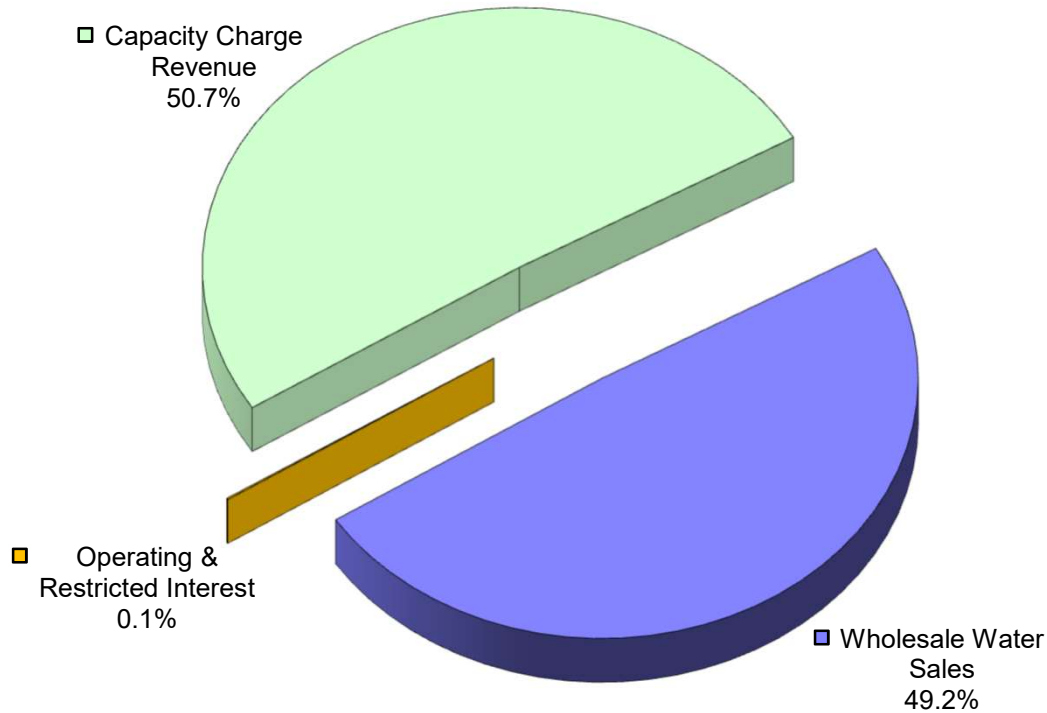
2-Pipeline/Collection Operator positions were added for this division.

These employees are based in the Western Canyon WTP system and are shared between the Canyon Park WWTP, 4S Ranch WWRS, Cordillera WDS, Cordillera WWTP, Comal Trace WDS, Johnson Ranch WDS, Johnson Ranch WWTP, Bulverde Singing Hills WWRS, Park Village WWRS and Boerne ISD WWTP.



Budget Summary

REVENUES - WESTERN CANYON WTP

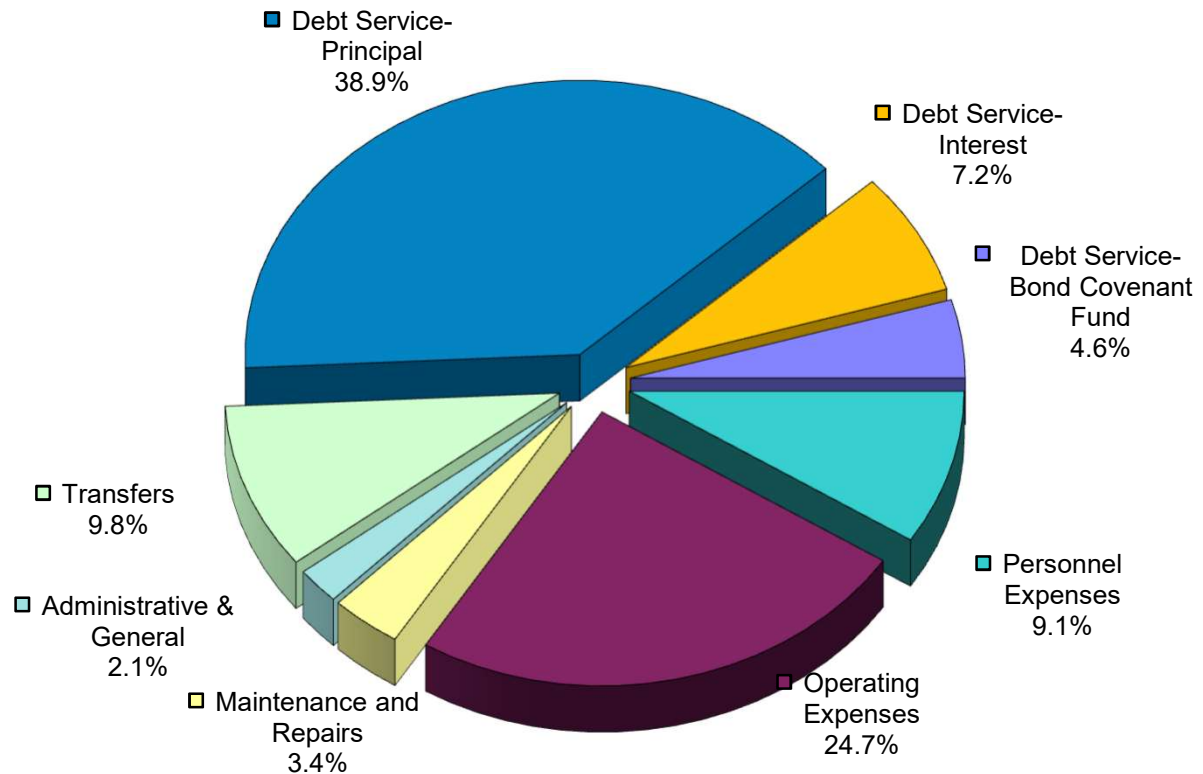


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales	3,989,718	4,552,707	5,088,245
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest	9,003	5,000	9,000
Grant & Interlocal Agreement Income			
Miscellaneous Income	41,188		
Total Operating Revenue	4,039,909	4,557,707	5,097,245
Capacity Charge Revenue	2,391,820	5,248,544	5,248,658
I/F Loan Repayments from Operations			
Grand Total Revenues	6,431,729	9,806,251	10,345,903



Budget Summary

EXPENSES - WESTERN CANYON WTP



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	827,009	850,279	944,672
Operating Expenses	2,505,503	2,371,940	2,551,339
Maintenance and Repairs	415,364	385,000	355,000
Administrative & General	196,390	199,710	221,880
Capital Expense & Outlay			
Transfers		745,778	1,015,354
Total Operating and M&R Expenses	3,944,266	4,552,707	5,088,245
Debt Service-Principal	3,010,000	4,006,250	4,022,083
Debt Service-Interest	621,651	763,643	747,470
Debt Service-Bond Covenant Fund		476,989	476,955
Grand Total Expenses	7,575,917	9,799,589	10,334,753

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**050 - Western Canyon WTP
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wholesale Water Treatment				
42230	WCANYON WTP O&M	4,552,707	5,088,245	535,538
	Total Wholesale Water Treatment	4,552,707	5,088,245	535,538
Operating Interest				
44110	INT-OPR INVESTMENT FUNDS	5,000	9,000	4,000
	Total Operating Interest	5,000	9,000	4,000
	Total Operating Revenue	4,557,707	5,097,245	539,538
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	481,631	543,560	61,929
51102	LBR-OVERTIME	123,550	128,804	5,254
	Total Salaries	605,181	672,364	67,183
Benefits				
51298	BEN-BENEFIT ALLOCATION	245,098	272,308	27,210
	Total Benefits	245,098	272,308	27,210
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	1,484,000	1,301,000	(183,000)
52102	OPR-AUXILIARY POWER EXPENSE	3,100	3,000	(100)
52103	OPR-CHEMICALS	335,000	375,000	40,000
52110	OPR-SMALL TOOLS AND SUPPLIES	13,000	13,000	-
52113	OPR-LAB SUPPLIES	7,000	8,500	1,500
52114	OPR-LABORATORY SERVICES-GBRA 52115	4,000	4,000	-
	OPR-LABORATORY SERVICES-OUTSOURCED 52118	1,000	1,000	-
	OPR-DISPOSAL SERVICES	225,000	225,000	-
52120	OPR-UNIFORMS	6,000	6,000	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	7,000	8,500	1,500
		5,000	5,000	-

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52123	OPR-EQUIPMENT RENTAL	4,600	4,600	-
52124	OPR-EQUIPMENT EXPENSE	5,000	5,000	-
52125	OPR-VEHICLE EXPENSE	30,000	30,000	-
52126	OPR-FLEET LEASE EXPENSE	8,073	19,233	11,160
52133	OPR-SCADA	45,500	45,700	200
52145	OPR-CONTRACT LABOR	10,000	10,000	-
	Total Operating Supplies & Services	2,193,273	2,064,533	(128,740)
	Professional Services and Fees			
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	-	215,000	215,000
52205	OPR-PROFESSIONAL SERVICES-OTHER	68,600	112,058	43,458
52216	OPR-REGULATORY FEES	125	300	175
52217	OPR-INSPECTION FEES	125	300	175
52223	OPR-LICENSE & TRAINING	7,000	7,000	-
52224	OPR-TRAVEL & MEETINGS	7,648	7,648	-
	Total Professional Services and Fees	83,498	342,306	258,808
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	6,500	7,200	700
52302	OPR-COMPUTER & SOFTWARE EXPENSE	14,750	18,500	3,750
52303	OPR-WIDE AREA NETWORK EXPENSE	3,000	1,650	(1,350)
52305	OPR-POSTAGE AND FREIGHT EXPENSE	500	550	50
52306	OPR-COMMUNICATIONS	14,700	14,700	-
	Total Office Expenses	39,450	42,600	3,150
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	55,719	51,900	(3,819)
52430	OPR-MISC EXPENSE	-	50,000	50,000
	Total Other Operating Expenses	55,719	101,900	46,181
	SUBTOTAL OF OPERATIONAL EXPENSES	3,222,219	3,496,011	273,792
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	103,500	103,500	-
53115	M&R-METERS	15,000	4,000	(11,000)
	Total Maintenance and Repair Equipment	118,500	107,500	(11,000)
	Structures			
53201	M&R-BUILDING	16,000	26,000	10,000
53202	M&R-CLEARWELLS	2,000	2,000	-
53205	M&R-PUMPS AND MOTORS	26,000	-	(26,000)
53216	M&R-PUMPSTATIONS	145,000	145,000	-
53235	M&R-TRANSMISSION LINES	40,000	40,000	-
	Total Structures	229,000	213,000	(16,000)

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
	Other Maintenance & Repairs			
53301	M&R-ROADS	5,000	2,000	(3,000)
53310	M&R-GROUNDS/ROW	22,500	22,500	-
53320	M&R-PONDS AND LAGOONS	10,000	10,000	-
	Total Other Maintenance & Repairs	37,500	34,500	(3,000)
	SUBTOTAL OF M&R EXPENSES	385,000	355,000	(30,000)
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	199,710	221,880	22,170
	Total Administrative & General	199,710	221,880	22,170
	Transfers			
61505	TRANSFERS-DESIGNATED PROJECT FUND	745,778	1,015,354	269,576
	Total Transfers	745,778	1,015,354	269,576
	TOTAL OPERATING AND M&R EXPENSES	4,552,707	5,088,245	535,538
	Net Operating Income	5,000	9,000	4,000

DEBT SERVICE BUDGET

	Capacity Charge Revenue			
42680	DEBT SERV-2020 WCANYON COMB, BOERNE	749,792	749,808	16
42681	DEBT SERV-2020 WCANYON COMB, BREMER	9,372	9,373	1
42682	DEBT SERV-2020 WCANYON COMB, CLWSC-BULVERI	338,343	338,351	8
42683	DEBT SERV-2020 WCANYON COMB, COMAL TRACE	58,578	58,579	1
42684	DEBT SERV-2020 WCANYON COMB, COUSER	9,372	9,373	1
42685	DEBT SERV-2020 WCANYON COMB, FAIR OAKS	441,440	441,449	9
42686	DEBT SERV-2020 WCANYON COMB, GBRA CORDILLEI	246,026	281,178	35,152
42687	DEBT SERV-2020 WCANYON COMB, JOHNSON RANC	140,586	152,305	11,719
42688	DEBT SERV-2020 WCANYON COMB, KENDALL WEST	93,724	351,473	257,749
42689	DEBT SERV-2020 WCANYON COMB, MIRALOMAS	105,440	105,442	2
42690	DEBT SERV-2020 WCANYON COMB, SAWS	3,055,871	2,751,327	(304,544)
	Total Capacity Charge Revenue	5,248,544	5,248,658	114
	Total Debt Revenue	5,248,544	5,248,658	114
	Principal Payments Expense			
21212	BOND-2017 WCANYON AERATION BONDS	4,006,250	4,022,083	15,833
	Total Principal Payments Expense	4,006,250	4,022,083	15,833

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
	Interest Expense			
57208	INT-2020 WCANYON BONDS	-	747,470	747,470
57214	INT-2020 WCANYON REFUND BONDS	763,643	-	(763,643)
	Total Interest Expense	763,643	747,470	(16,173)
	Transfers			
61550	TRANSFERS-RESTRICTED/BOND COVENANT FUND	476,989	476,955	(34)
	Total TRANSFERS-RESTRICTED/BOND COVENANT FUND	476,989	476,955	(34)
	Total Debt Expense	5,246,882	5,246,508	(374)
	Net Change in Debt Service Budget	1,662	2,150	488
	Net Change in Fund Balance	6,662	11,150	4,488



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4S Ranch WWSR

Currently under construction, the 4S Ranch wastewater treatment system will consist of a collection system, an activated sludge treatment plant permitted to treat up to 0.060 mgd, and a 13.77 acre land disposal site. Startup of the system is expected during Fiscal Year 2019.

The wastewater collection and treatment system will be operated and maintained by employees of the Western Canyon WTP division.

-
- | | |
|---|-------------------------------|
| • Service Provided: Wastewater collection and treatment | • Service Area: Comal Co., TX |
| • Location: Bulverde, TX | • Capacity: 0.060 MGD |
| • Startup Operation Date: 2019 | • Budgeted Revenue: \$561,948 |

Western Canyon Division

Four S Ranch Wastewater Reclamation System

Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

GBRA is responsible for providing operational and inspection services for the Four S Ranch Wastewater Reclamation System. The Four S Ranch Wastewater Reclamation System will consist of retail wastewater collection, a wastewater treatment plant and a reuse water system. The first phase of the wastewater treatment plant was completed at the beginning of FY 2022 with the final phase to be completed mid to late FY 2023.

REVENUE SOURCES AND TRENDS

Eight operators will divide their time between the Cordillera Ranch, Johnson Ranch, Bulverde Singing Hills Wastewater Reclamation System, Park Village, Four S Ranch, Canyon Park, and Boerne ISD Voss Middle School. The Division Manager for Comal/Kendall Counties and the Western Canyon/RUD Wastewater Manager provide overall supervision of the system. The contract between the Comal County WCID No. 6 District and GBRA provides that GBRA operate the plant and associated collection system following their construction and thereafter bill the customers of the system. The monthly wastewater service fee charged to each residential customer was established based on comparative rates for other similar operations. Following plant startup, the contract also provides that GBRA will bill the District the actual cost of operating and maintaining the System that is in excess of revenue from customers. As a result, revenue from the Four S Ranch System will not over-recover nor under-recover the cost of operating the plant.

The budgeted FY 2023 service revenue for the Four S Ranch Wastewater System is \$561,948.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The combined capital additions and operating expenditure budget for FY 2023 amounts to \$561,948. Other than personnel costs, significant operating and maintenance expenses for FY 2023 include \$30,000 for power and utilities, \$31,000 for laboratory services and supplies, \$50,000 for biosolids disposal services, \$11,810 for rental of hydro jetter and line video camera, and \$75,000 for chemicals.

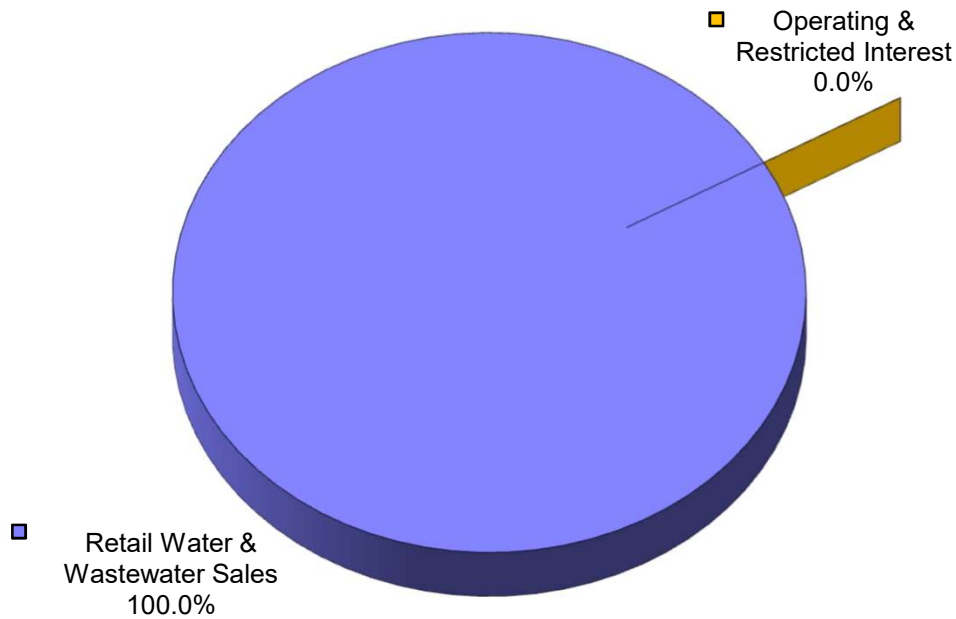
FUND BALANCE

Funds for the above listed capital additions and maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided by charges to the District, sewer connection fees, and retail sewer service fees. The net increase in the fund balance that GBRA anticipates in the Four S Ranch Wastewater System is \$0.



Budget Summary

REVENUES - 4S RANCH WWRS

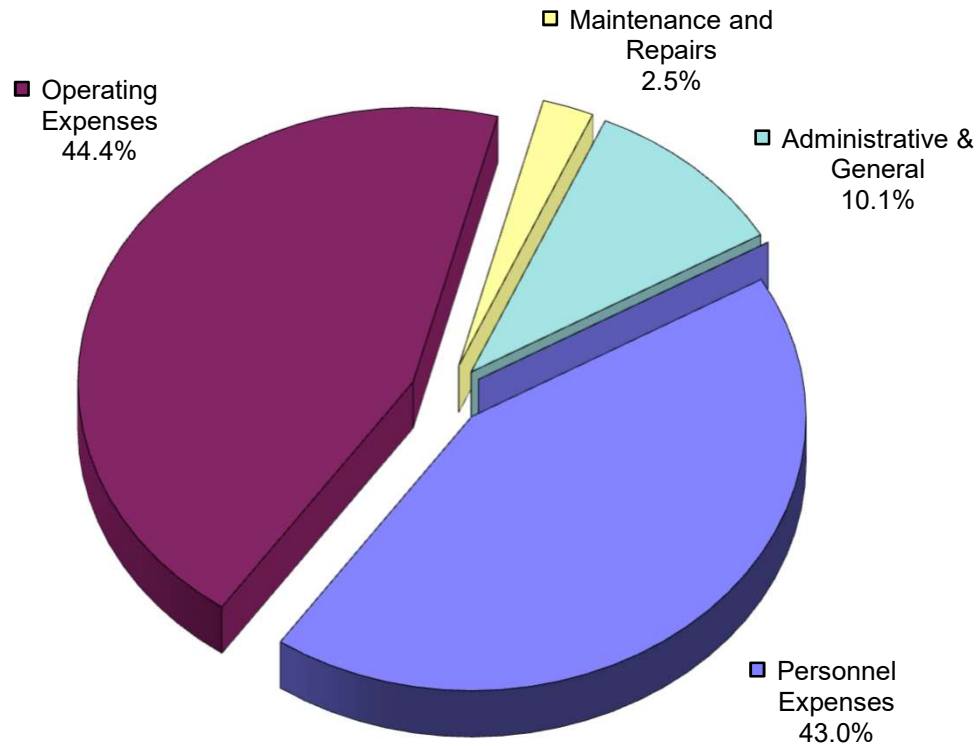


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	215,545	434,490	558,948
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	3,354		3,000
Total Operating Revenue	218,899	434,490	561,948
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	218,899	434,490	561,948



Budget Summary

EXPENSES - 4S RANCH WWRS



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	118,502	206,658	241,573
Operating Expenses	57,093	168,793	249,636
Maintenance and Repairs	15,471	10,500	14,000
Administrative & General	27,833	48,539	56,739
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	218,899	434,490	561,948
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	218,899	434,490	561,948

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**051 - 4S Ranch WWRS
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	287,990	675,000	387,010
42402	SEWER CONNECTION/INSP FEES	137,500	165,000	27,500
42405	TRANSFER FEES	9,000	10,500	1,500
42450	CHARGES TO DEVELOPERS	-	(291,552)	(291,552)
	Total Retail Wastewater	434,490	558,948	124,458
Misc Income				
45195	MISCELLANEOUS REVENUES	-	3,000	3,000
	Total Misc Income	-	3,000	3,000
	Total Operating Revenue	434,490	561,948	127,458
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	123,600	141,976	18,376
51102	LBR-OVERTIME	23,487	29,962	6,475
	Total Salaries	147,087	171,938	24,851
Benefits				
51298	BEN-BENEFIT ALLOCATION	59,571	69,635	10,064
	Total Benefits	59,571	69,635	10,064
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	20,000	30,000	10,000
52102	OPR-AUXILIARY POWER EXPENSE	800	4,500	3,700
52103	OPR-CHEMICALS	40,000	75,000	35,000
52110	OPR-SMALL TOOLS AND SUPPLIES	2,000	3,000	1,000
52113	OPR-LAB SUPPLIES	5,000	6,000	1,000
52114	OPR-LABORATORY SERVICES-GBRA	19,000	25,000	6,000
52118	OPR-DISPOSAL SERVICES	20,000	50,000	30,000
52120	OPR-UNIFORMS	1,000	1,000	-

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52121	OPR-SAFETY & EMERGENCY EXPENSE	3,000	3,500	500
52123	OPR-EQUIPMENT RENTAL	19,676	11,810	(7,866)
52125	OPR-VEHICLE EXPENSE	4,000	4,000	-
52126	OPR-FLEET LEASE EXPENSE	4,645	5,326	681
52133	OPR-SCADA	1,500	1,700	200
	Total Operating Supplies & Services	140,621	220,836	80,215
	Professional Services and Fees			
52217	OPR-INSPECTION FEES	1,500	1,500	-
52220	OPR-BANK FEES	-	250	250
52222	OPR-MEMBERSHIPS & PUBLICATIONS	500	500	-
52223	OPR-LICENSE & TRAINING	2,000	3,000	1,000
52224	OPR-TRAVEL & MEETINGS	12,000	12,000	-
	Total Professional Services and Fees	16,000	17,250	1,250
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	1,000	1,000	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	2,600	2,600	-
52303	OPR-WIDE AREA NETWORK EXPENSE	3,000	1,650	(1,350)
52305	OPR-POSTAGE AND FREIGHT EXPENSE	1,000	1,000	-
52306	OPR-COMMUNICATIONS	1,200	1,200	-
	Total Office Expenses	8,800	7,450	(1,350)
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	2,372	3,100	728
52430	OPR-MISC EXPENSE	1,000	1,000	-
	Total Other Operating Expenses	3,372	4,100	728
	SUBTOTAL OF OPERATIONAL EXPENSES	375,451	491,209	115,758
	Structures			
53205	M&R-PUMPS AND MOTORS	500	2,000	1,500
	Total Structures	500	2,000	1,500
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	10,000	12,000	2,000
	Total Other Maintenance & Repairs	10,000	12,000	2,000
	SUBTOTAL OF M&R EXPENSES	10,500	14,000	3,500
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	48,539	56,739	8,200
	Total Administrative & General	48,539	56,739	8,200
	TOTAL OPERATING AND M&R EXPENSES	434,490	561,948	127,458

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
Net Operating Income	<u>-</u>	<u>-</u>	<u>-</u>
Net Change in Fund Balance	<u>-</u>	<u>-</u>	<u>-</u>



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Cordillera WDS

Located in Kendall County near the intersection of State Hwy 46 and FM 3351, operations of the Cordillera Ranch water distribution system began in 2006. Source water is pumped from Canyon Lake, treated at the Western Canyon WTP and delivered to the system through the Hwy 46 treated water delivery system. 1,500 acre-feet of raw water per year is available for use in Cordillera Ranch.

The water delivery system is operated and maintained by employees of the Western Canyon WTP division.

-
- Service Provided: Water distribution
 - Location: Boerne, TX
 - Startup Operation Date: 2006

- Service Area: Kendall Co., TX
- Capacity: 1.3 MGD
- Budgeted Revenue: \$1,547,687

Western Canyon Division

Cordillera Ranch Water Distribution System

Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

GBRA's Cordillera Ranch Water System is responsible for operating the Cordillera Ranch Subdivision retail water system.

REVENUE SOURCES AND TRENDS

Revenues are obtained through connection fees for water service, tap fees, monthly water service fees and charges to the Cordillera Ranch developer for the wholesale use of water within the development. The total Operating Revenues are projected to be \$1,547,687 during FY 2023. This is an approximate 14.3% increase over FY 2022 budgeted due to an increase in the number of connections within the subdivision.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Operating expenses include \$35,000 for electric cost of operating the pump stations, \$4,521 for operating chemicals and \$80,000 for maintenance and repairs to various components of the system including meter replacements and well repairs.

One additional area of significant cost is Water Purchases/Delivery totaling \$680,000. This cost includes payments to other GBRA divisions for the purchase, storage, treatment, and transmission of water to the Cordillera Water System.

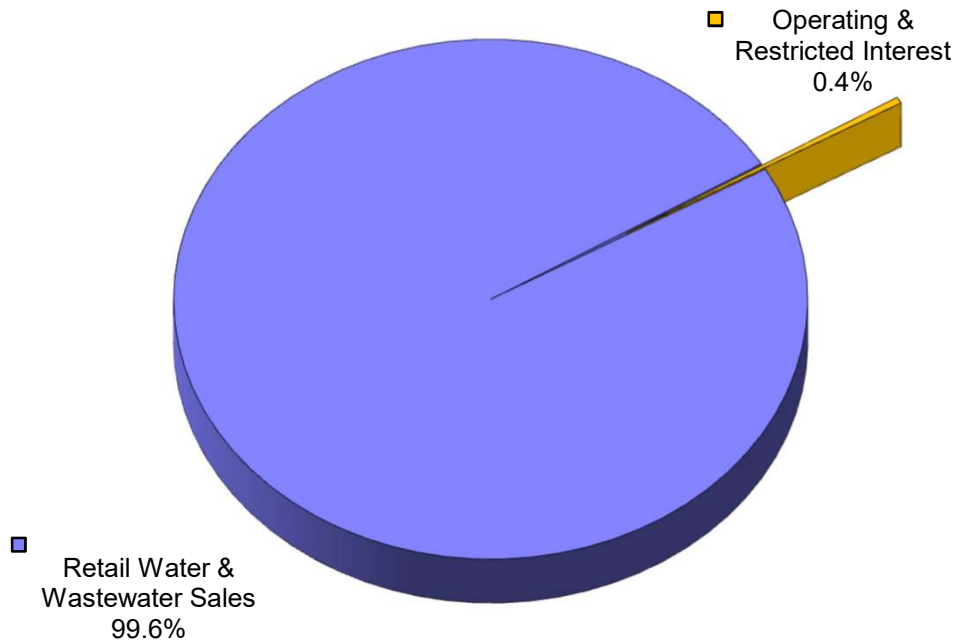
FUND BALANCE

Funds for the above listed capital additions and maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided using revenues from customer billings. This funding is expected to exceed total expenditures by \$532,359 and thus an increase in fund balance of that same amount is anticipated.



Budget Summary

REVENUES - CORDILLERA WDS

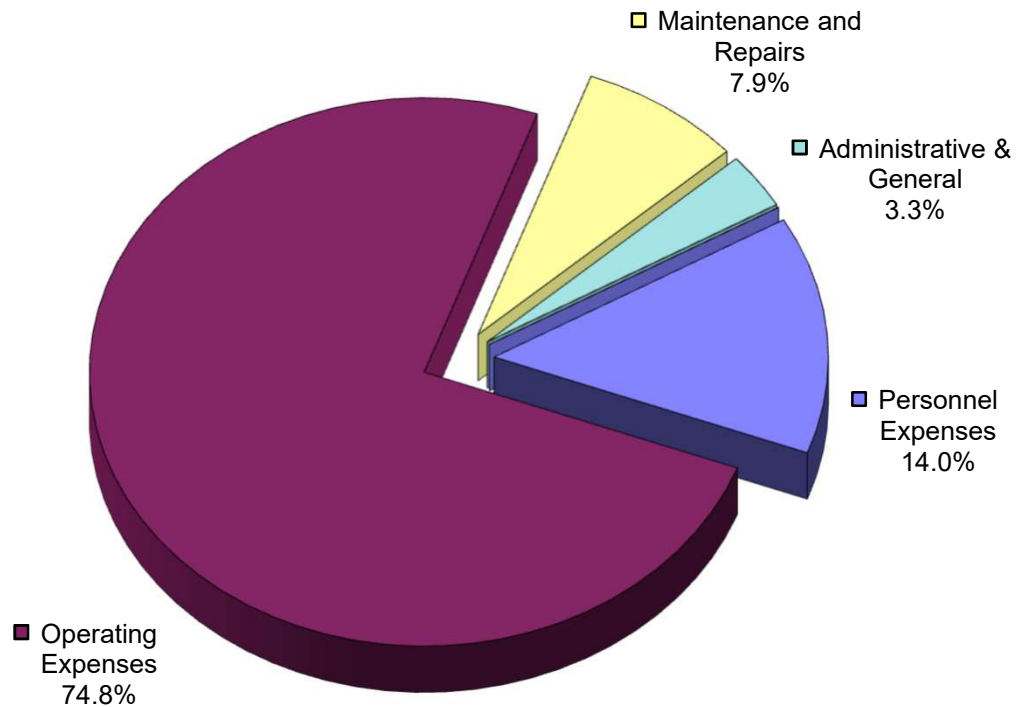


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	1,153,261	1,353,500	1,541,687
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest	414	500	6,000
Grant & Interlocal Agreement Income			
Miscellaneous Income	2,573		
Total Operating Revenue	1,156,248	1,354,000	1,547,687
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	1,156,248	1,354,000	1,547,687



Budget Summary

EXPENSES - CORDILLERA WDS



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	126,816	103,180	142,331
Operating Expenses	620,188	731,406	759,567
Maintenance and Repairs	76,732	70,000	80,000
Administrative & General	29,786	24,234	33,430
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	853,522	928,820	1,015,328
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	853,522	928,820	1,015,328

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**052 - Cordillera WDS
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Water Sales				
42301	WATER SALES	1,250,000	1,314,000	64,000
42302	WHOLESALE WATER SALES	75,000	178,187	103,187
42310	WATER CONNECTION FEES	30,000	49,500	19,500
42340	TRANSFER FEES	(1,500)	-	1,500
	Total Retail Water Sales	1,353,500	1,541,687	188,187
Operating Interest				
44110	INT-OPR INVESTMENT FUNDS	500	6,000	5,500
	Total Operating Interest	500	6,000	5,500
	Total Operating Revenue	1,354,000	1,547,687	193,687
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	62,705	85,403	22,698
51102	LBR-OVERTIME	10,733	15,900	5,167
	Total Salaries	73,438	101,303	27,865
Benefits				
51298	BEN-BENEFIT ALLOCATION	29,742	41,028	11,286
	Total Benefits	29,742	41,028	11,286
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	33,000	35,000	2,000
52102	OPR-AUXILIARY POWER EXPENSE	-	1,000	1,000
52103	OPR-CHEMICALS	2,000	4,521	2,521
52110	OPR-SMALL TOOLS AND SUPPLIES	1,500	2,500	1,000
52113	OPR-LAB SUPPLIES	1,000	1,800	800
52114	OPR-LABORATORY SERVICES-GBRA	800	900	100
52115	OPR-LABORATORY SERVICES-OUTSOURCED	800	800	-
52120	OPR-UNIFORMS	1,000	1,500	500

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52121	OPR-SAFETY & EMERGENCY EXPENSE	1,000	3,000	2,000
52122	OPR-SECURITY EXPENSE	1,000	-	(1,000)
52125	OPR-VEHICLE EXPENSE	1,000	1,000	-
52126	OPR-FLEET LEASE EXPENSE	4,784	5,326	542
52133	OPR-SCADA	1,500	1,700	200
52150	OPR-WATER PURCHASES/DELIVERY	660,000	680,000	20,000
	Total Operating Supplies & Services	709,384	739,047	29,663
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	4,300	5,000	700
52216	OPR-REGULATORY FEES	1,000	-	(1,000)
52220	OPR-BANK FEES	-	120	120
52223	OPR-LICENSE & TRAINING	500	2,000	1,500
52224	OPR-TRAVEL & MEETINGS	1,500	2,000	500
	Total Professional Services and Fees	7,300	9,120	1,820
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	1,000	1,000	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,950	1,650	(300)
52303	OPR-WIDE AREA NETWORK EXPENSE	3,000	1,650	(1,350)
52305	OPR-POSTAGE AND FREIGHT EXPENSE	1,000	1,200	200
52306	OPR-COMMUNICATIONS	1,000	2,200	1,200
	Total Office Expenses	7,950	7,700	(250)
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	6,772	3,700	(3,072)
	Total Other Operating Expenses	6,772	3,700	(3,072)
	SUBTOTAL OF OPERATIONAL EXPENSES	834,586	901,898	67,312
	Maintenance and Repair Equipment			
53115	M&R-METERS	25,000	35,000	10,000
	Total Maintenance and Repair Equipment	25,000	35,000	10,000
	Structures			
53205	M&R-PUMPS AND MOTORS	6,000	6,000	-
53230	M&R-PIPELINES	5,000	5,000	-
	Total Structures	11,000	11,000	-
	Other Maintenance & Repairs			
53302	M&R-WELLS	20,000	20,000	-
53325	M&R-GENERAL MAINTENANCE	14,000	14,000	-
	Total Other Maintenance & Repairs	34,000	34,000	-
	SUBTOTAL OF M&R EXPENSES	70,000	80,000	10,000

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	<u>24,234</u>	<u>33,430</u>	<u>9,196</u>
	Total Administrative & General	<u>24,234</u>	<u>33,430</u>	<u>9,196</u>
	TOTAL OPERATING AND M&R EXPENSES	<u>928,820</u>	<u>1,015,328</u>	<u>86,508</u>
	Net Operating Income	<u>425,180</u>	<u>532,359</u>	<u>107,179</u>
	Net Change in Fund Balance	<u>425,180</u>	<u>532,359</u>	<u>107,179</u>



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Cordillera WWT

Located in Kendall County near the intersection of State Hwy 46 and FM 3351, operations of the Cordillera Ranch wastewater collection system and treatment plant began in 2006. Due to the terrain of the subdivision, a grinder pump located at each residence pumps raw sewage into a low pressure collection system that conveys the wastewater to the wastewater treatment plant. The treatment plant is a membrane bio-reactor that separates liquid from solid wastes by micro-filtration. The liquid effluent is chlorinated and delivered to a holding pond where it is used to irrigate a golf course. Solid wastes are trucked off-site for further treatment and disposal.

The wastewater collection and treatment system is operated and maintained by employees of the Western Canyon WTP division.

-
- | | |
|---|--|
| <ul style="list-style-type: none">• Service Provided: Wastewater collection and treatment• Location: Boerne, TX• Startup Operation Date: 2006 | <ul style="list-style-type: none">• Service Area: Kendall Co., TX• Capacity: 0.064 MGD• Budgeted Revenue \$577,146 |
|---|--|

Western Canyon Division
Cordillera Ranch Wastewater Treatment System
Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

GBRA's Cordillera Ranch Wastewater Treatment System is responsible for operating the Cordillera Ranch Subdivision sewer system including grinder pumps at each residence, the collection system, and the wastewater treatment plant.

REVENUE SOURCES AND TRENDS

Revenues are obtained through connection fees, monthly sewer service fees, and service calls. Total revenue projected for FY 2023 is \$577,146 which is a 20% increase over the FY 2022 budget amount. The increase is primarily the result of customers being added to the system as the Cordillera Ranch area continues to develop.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Significant operating expenses for the ensuing fiscal year, in addition to personnel costs, include \$16,000 power and utilities, \$17,000 for laboratory supplies and services, and \$200,000 for biosolids disposal costs. Also included is \$140,000 for repair or replace plant pumps and motors, and residential grinder pumps.

In order to meet public service needs through motivated employees, provide advanced training, and maintain and upgrade occupational licenses, personnel will attend courses provided by various approved sources such as Texas Engineering Extension Service and Texas Water Utility Association. Plant personnel will also conduct in-house training in team building skills, confined space rescue, hazard communication, electrical safety and maintenance, first aid, and CPR. Other training will include computer software and personal development seminars.

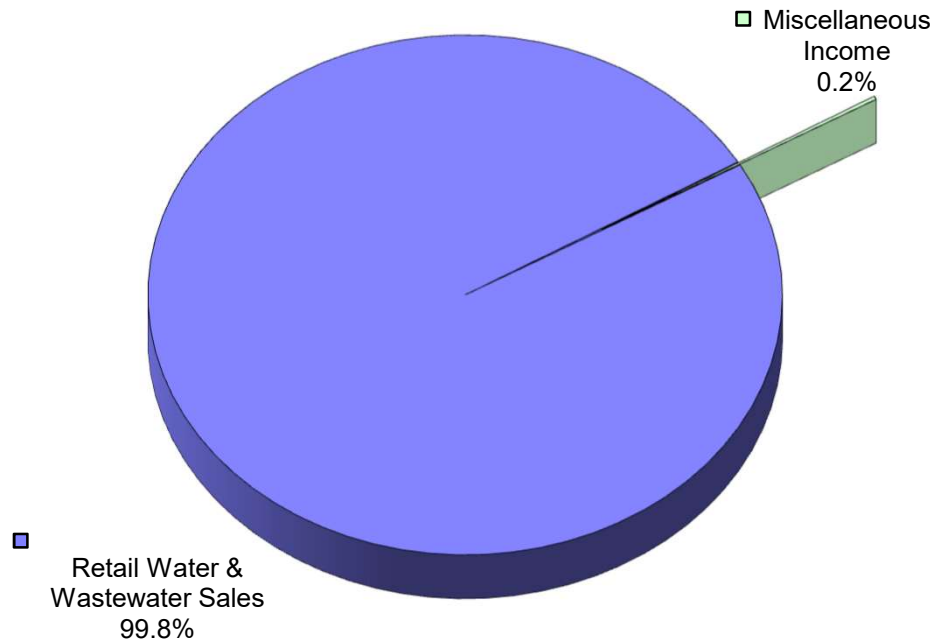
FUND BALANCE

Funds for the above listed capital additions and maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided from revenues from customer billings. The effect of all the budgeted sources and uses of funds yields a budgeted deficit of \$131,000.



Budget Summary

REVENUES - CORDILLERA WWTP

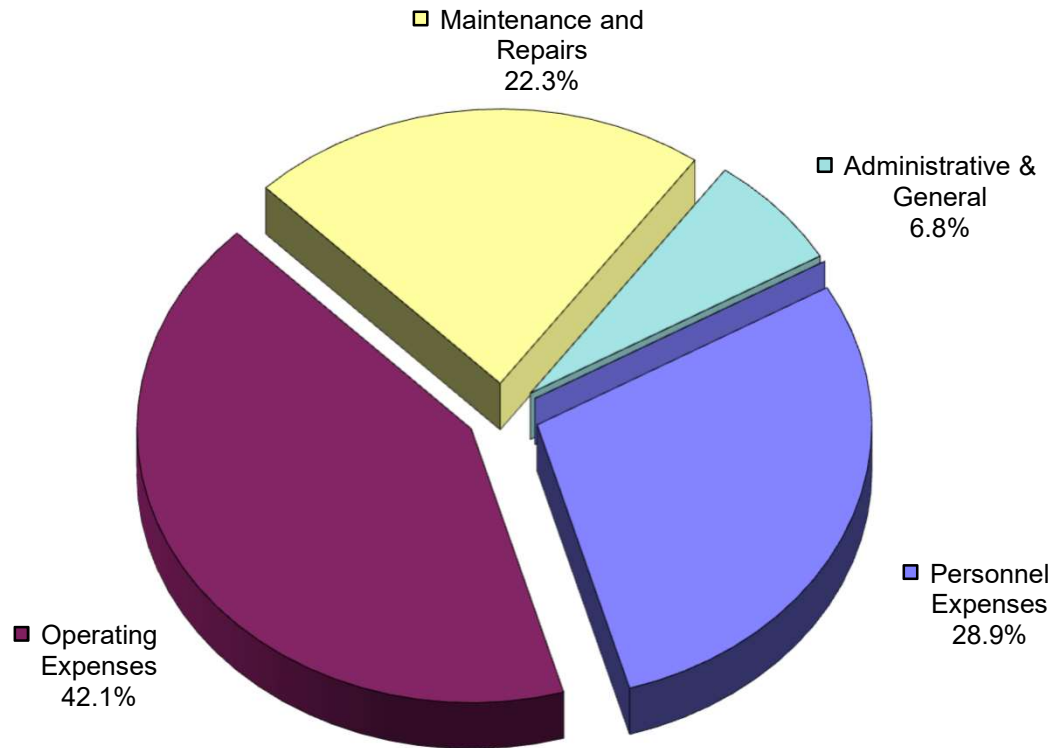


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	475,039	475,889	575,946
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	4,495	2,000	1,200
Total Operating Revenue	479,534	477,889	577,146
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	479,534	477,889	577,146



Budget Summary

EXPENSES - CORDILLERA WWTP



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	146,405	159,974	197,296
Operating Expenses	244,152	129,908	287,510
Maintenance and Repairs	352,526	150,433	152,000
Administrative & General	34,387	37,574	46,340
Capital Expense & Outlay			25,000
Transfers			
Total Operating and M&R Expenses	777,470	477,889	708,146
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	777,470	477,889	708,146

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**053 - Cordillera WWTP
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	346,064	409,346	63,282
42402	SEWER CONNECTION/INSP FEES	118,125	154,500	36,375
42404	SERVICE CALL INCOME	10,200	10,600	400
42405	TRANSFER FEES	1,500	1,500	-
	Total Retail Wastewater	475,889	575,946	100,057
Misc Income				
45195	MISCELLANEOUS REVENUES	2,000	1,200	(800)
	Total Misc Income	2,000	1,200	(800)
	Total Operating Revenue	477,889	577,146	99,257
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	93,697	117,200	23,503
51102	LBR-OVERTIME	20,163	23,224	3,061
	Total Salaries	113,860	140,424	26,564
Benefits				
51298	BEN-BENEFIT ALLOCATION	46,114	56,872	10,758
	Total Benefits	46,114	56,872	10,758
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	2,500	16,000	13,500
52102	OPR-AUXILIARY POWER EXPENSE	7,000	9,000	2,000
52103	OPR-CHEMICALS	1,500	5,000	3,500
52110	OPR-SMALL TOOLS AND SUPPLIES	1,000	2,000	1,000
52113	OPR-LAB SUPPLIES	4,000	4,000	-
52114	OPR-LABORATORY SERVICES-GBRA	13,000	13,000	-
52118	OPR-DISPOSAL SERVICES	60,000	200,000	140,000
52120	OPR-UNIFORMS	1,000	1,000	-

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52121	OPR-SAFETY & EMERGENCY EXPENSE	800	800	-
52123	OPR-EQUIPMENT RENTAL	1,664	1,664	-
52125	OPR-VEHICLE EXPENSE	2,500	1,500	(1,000)
52126	OPR-FLEET LEASE EXPENSE	4,462	5,326	864
52133	OPR-SCADA	1,500	1,700	200
	Total Operating Supplies & Services	100,926	260,990	160,064
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	1,500	1,500	-
52217	OPR-INSPECTION FEES	1,500	1,500	-
52220	OPR-BANK FEES	-	120	120
52222	OPR-MEMBERSHIPS & PUBLICATIONS	300	300	-
52223	OPR-LICENSE & TRAINING	1,000	1,000	-
52224	OPR-TRAVEL & MEETINGS	2,500	1,500	(1,000)
	Total Professional Services and Fees	6,800	5,920	(880)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	500	500	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	3,300	3,150	(150)
52303	OPR-WIDE AREA NETWORK EXPENSE	3,000	1,650	(1,350)
52305	OPR-POSTAGE AND FREIGHT EXPENSE	1,200	1,200	-
52306	OPR-COMMUNICATIONS	8,400	8,400	-
	Total Office Expenses	16,400	14,900	(1,500)
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	4,782	4,700	(82)
52430	OPR-MISC EXPENSE	1,000	1,000	-
	Total Other Operating Expenses	5,782	5,700	(82)
	SUBTOTAL OF OPERATIONAL EXPENSES	289,882	484,806	194,924
	Structures			
53205	M&R-PUMPS AND MOTORS	105,433	140,000	34,567
53215	M&R-LIFTSTATIONS	33,000	-	(33,000)
	Total Structures	138,433	140,000	1,567
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	12,000	12,000	-
	Total Other Maintenance & Repairs	12,000	12,000	-
	SUBTOTAL OF M&R EXPENSES	150,433	152,000	1,567
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	37,574	46,340	8,766
	Total Administrative & General	37,574	46,340	8,766

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
	Capital Outlay			
13201	STRUCTURES & IMPROVEMENTS	-	25,000	25,000
	Total Capital Outlay	-	25,000	25,000
	TOTAL OPERATING AND M&R EXPENSES	477,889	708,146	230,257
	Net Operating Income	-	(131,000)	(131,000)
	Net Change in Fund Balance	-	(131,000)	(131,000)

Cordillera WWTP - Capital Outlay Expense

Description	FY 2023
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Capital Outlay Funded From Current Revenues

Add on's/Improvements with Plant expansion	\$	25,000
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Total Cordillera WWTP Capital Outlay Expense	\$	25,000
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Comal Trace WDS

Located in Comal County near Bulverde, and purchased by GBRA in 2006, the Comal Trace water distribution system consists of 4 water wells, a pump station and a ground storage tank. The system also receives water from the Western Canyon WTP. 100 acre-feet of raw water per year is available for use in Comal Trace.

The water delivery system is operated and maintained by employees of the Western Canyon WTP division.

-
- Service Provided: Water distribution
 - Location: Bulverde, TX
 - Startup Operation Date: 2006
 - Service Area: Comal Co., TX
 - Capacity: 0.8 MGD
 - Budgeted Revenue: \$331,000

Western Canyon Division

Comal Trace Water Distribution System

Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

GBRA purchased the Comal Trace Subdivision Water System in December 2006. The Comal Trace Water System consists of 4 water wells, a pump station, a ground storage tank, and hydro pneumatic pressure tanks. This groundwater system is supplemented with surface water produced at GBRA's Western Canyon Water Treatment Plant.

REVENUE SOURCES AND TRENDS

Revenues are obtained through connection fees for water service, tap fees and monthly water service fees. Water sales revenue is projected to be \$330,000 in FY 2023.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Operating expenses include \$120,000 for water purchases/delivery from the Western Canyon Regional Water Supply Project. This cost includes purchases, storage, treatment, and transmission of water to the Comal Trace Water System. Additional significant costs include \$10,000 for power to operate the wells and booster pumps, and \$51,000 for material and services related to maintaining and repairing the water wells and distribution system including budgeted costs for the replacement of residential water meters as necessary.

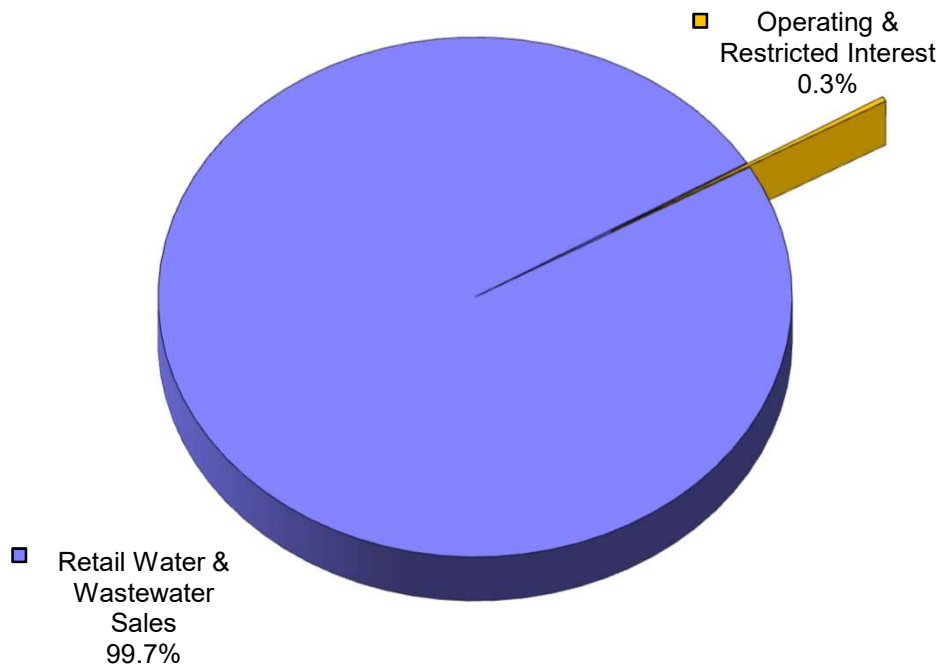
FUND BALANCE

Funds for the above maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided using revenues from customer billings. GBRA sets customer rates to reflect the anticipated costs of providing water service over time and as such, the fund balance expected during FY 2023 is \$2,388.



Budget Summary

REVENUES - COMAL TRACE WDS

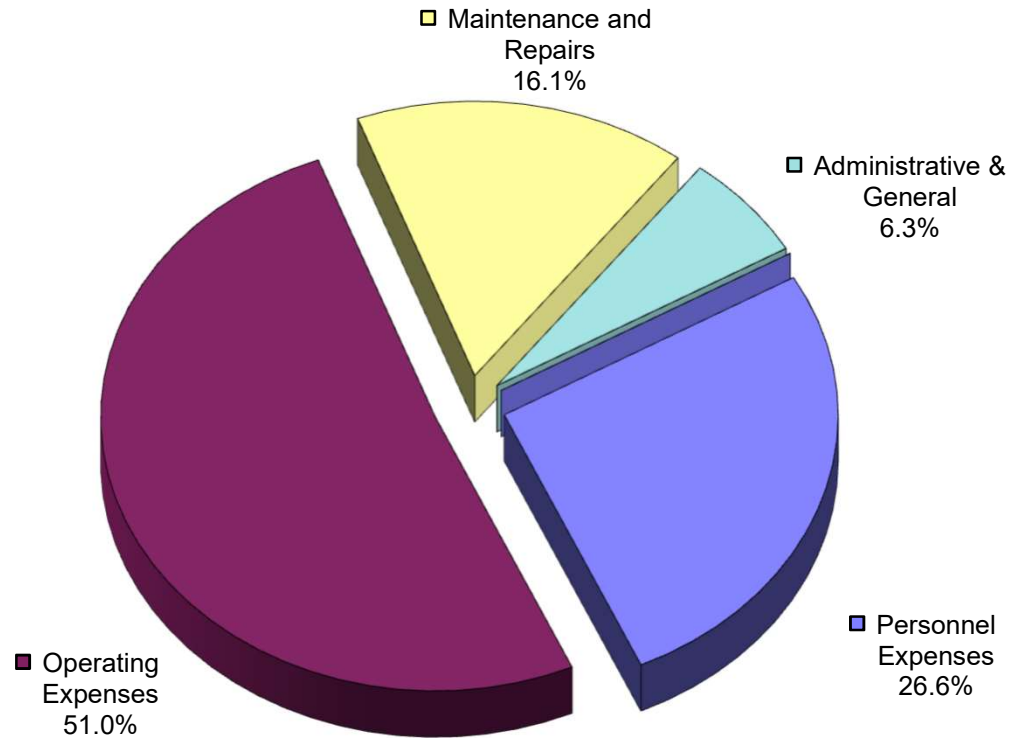


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	302,048	321,515	330,000
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest	1,278	500	1,000
Grant & Interlocal Agreement Income			
Miscellaneous Income	1,705		
Total Operating Revenue	305,031	322,015	331,000
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	305,031	322,015	331,000



Budget Summary

EXPENSES - COMAL TRACE WDS



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	74,534	74,964	84,297
Operating Expenses	129,062	153,906	161,516
Maintenance and Repairs	15,227	49,650	51,000
Administrative & General	17,506	17,607	19,799
Capital Expense & Outlay			36,000
Transfers			(24,000)
Total Operating and M&R Expenses	236,329	296,127	328,612
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	236,329	296,127	328,612

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**054 - Comal Trace WDS
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Water Sales				
42301	WATER SALES	320,000	330,000	10,000
42310	WATER CONNECTION FEES	1,075	-	(1,075)
42340	TRANSFER FEES	440	-	(440)
	Total Retail Water Sales	321,515	330,000	8,485
Operating Interest				
44110	INT-OPR INVESTMENT FUNDS	500	1,000	500
	Total Operating Interest	500	1,000	500
	Total Operating Revenue	322,015	331,000	8,985
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	47,407	53,008	5,601
51102	LBR-OVERTIME	5,948	6,990	1,042
	Total Salaries	53,355	59,998	6,643
Benefits				
51298	BEN-BENEFIT ALLOCATION	21,609	24,299	2,690
	Total Benefits	21,609	24,299	2,690
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	9,000	10,000	1,000
52103	OPR-CHEMICALS	400	700	300
52110	OPR-SMALL TOOLS AND SUPPLIES	1,000	2,000	1,000
52113	OPR-LAB SUPPLIES	1,000	1,200	200
52114	OPR-LABORATORY SERVICES-GBRA	1,000	1,000	-
52115	OPR-LABORATORY SERVICES-OUTSOURCED	1,000	1,000	-
52120	OPR-UNIFORMS	1,000	1,000	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	500	2,000	1,500
52125	OPR-VEHICLE EXPENSE	1,500	2,000	500

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52126	OPR-FLEET LEASE EXPENSE	2,473	5,326	2,853
52133	OPR-SCADA	1,500	1,700	200
52150	OPR-WATER PURCHASES/DELIVERY	120,000	120,000	-
	Total Operating Supplies & Services	140,373	147,926	7,553
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	1,500	1,500	-
52216	OPR-REGULATORY FEES	608	650	42
52220	OPR-BANK FEES	-	140	140
52223	OPR-LICENSE & TRAINING	-	1,800	1,800
	Total Professional Services and Fees	2,108	4,090	1,982
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	400	400	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	2,250	1,950	(300)
52303	OPR-WIDE AREA NETWORK EXPENSE	3,000	1,650	(1,350)
52305	OPR-POSTAGE AND FREIGHT EXPENSE	1,300	1,300	-
52306	OPR-COMMUNICATIONS	2,000	2,000	-
	Total Office Expenses	8,950	7,300	(1,650)
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	2,475	2,200	(275)
	Total Other Operating Expenses	2,475	2,200	(275)
	SUBTOTAL OF OPERATIONAL EXPENSES	228,870	245,813	16,943
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	2,150	2,000	(150)
53115	M&R-METERS	7,500	10,000	2,500
	Total Maintenance and Repair Equipment	9,650	12,000	2,350
	Structures			
53205	M&R-PUMPS AND MOTORS	3,000	-	(3,000)
53216	M&R-PUMPSTATIONS	-	2,000	2,000
53230	M&R-PIPELINES	-	2,000	2,000
	Total Structures	3,000	4,000	1,000
	Other Maintenance & Repairs			
53302	M&R-WELLS	12,000	15,000	3,000
53325	M&R-GENERAL MAINTENANCE	25,000	20,000	(5,000)
	Total Other Maintenance & Repairs	37,000	35,000	(2,000)
	SUBTOTAL OF M&R EXPENSES	49,650	51,000	1,350
	Administrative & General			

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
54100	ADMINISTRATIVE & GENERAL	<u>17,607</u>	<u>19,799</u>	<u>2,192</u>
	Total Administrative & General	<u>17,607</u>	<u>19,799</u>	<u>2,192</u>
	Capital Outlay			
13210	W-WHEELS, TURB & GENERATORS	<u>-</u>	<u>36,000</u>	<u>36,000</u>
	Total Capital Outlay	<u>-</u>	<u>36,000</u>	<u>36,000</u>
	Transfers			
61505	TRANSFERS-DESIGNATED PROJECT FUND	<u>-</u>	<u>(24,000)</u>	<u>(24,000)</u>
	Total Transfers	<u>-</u>	<u>(24,000)</u>	<u>(24,000)</u>
	TOTAL OPERATING AND M&R EXPENSES	<u>296,127</u>	<u>328,612</u>	<u>32,485</u>
	Net Operating Income	<u>25,888</u>	<u>2,388</u>	<u>(23,500)</u>
	Net Change in Fund Balance	<u>25,888</u>	<u>2,388</u>	<u>(23,500)</u>

Comal Trace WTP - Capital Outlay Expense

Description	FY 2023
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Capital Outlay Funded From Current Revenues

On-site Generator and Generator Maintenance	\$	36,000
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Total Comal Trace WTP Capital Outlay Expense	\$	36,000
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Johnson Ranch WDS
South water delivery point

Johnson Ranch WDS

Located in Comal County near Bulverde, operations of the Johnson Ranch water distribution system began in 2009. Source water is pumped from Canyon Lake, treated at the Western Canyon WTP and delivered to the system through the Hwy 46 treated water delivery system. 900 acre-feet of raw water per year is available for use in Johnson Ranch.

The water delivery system is operated and maintained by employees of the Western Canyon WTP division.

-
- | | |
|--|-------------------------------|
| • Service Provided: Water distribution | • Capacity: 0.8 MGD |
| • Location: Bulverde, TX | • Budgeted Revenue: \$864,000 |
| • Startup Operation Date: 2006 | |
| • Service Area: Comal Co., TX | |

Western Canyon Division
Johnson Ranch Water Distribution System
Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

GBRA initiated treated surface water deliveries from the Western Canyon Water Treatment Plant to the Johnson Ranch development in June 2009. Construction and development of the Johnson Ranch Water Distribution System will continue until a final build out of approximately 1,000 residential homes sometime in the future. The system also provides potable water to Comal ISD Johnson Ranch Elementary School located within the subdivision. The system includes two water storage tanks and booster stations. Each tank has a storage capacity of approximately 250,000 gallons. Construction continues on residential lots as well as a new senior living apartment complex within the development. As a result, increased water deliveries are expected.

REVENUE SOURCES AND TRENDS

Revenues are obtained through connection fees for water service, tap fees, and monthly water service fees. Revenues are projected to be \$864,000 during FY 2023.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Operating expenses include \$320,000 for water purchases and delivery from the Western Canyon Regional Water Supply Project. This cost includes purchases, storage, treatment, and transmission of water to the Johnson Ranch Water Distribution System. Other substantive operating costs include \$6,000 for power to operate the booster stations, \$4,000 to maintain emergency generators located on site, and \$49,400 for material and services related to maintaining and repairing the system including budgeted costs for the replacement of residential water meters as necessary. There are no capital additions planned for FY 2023.

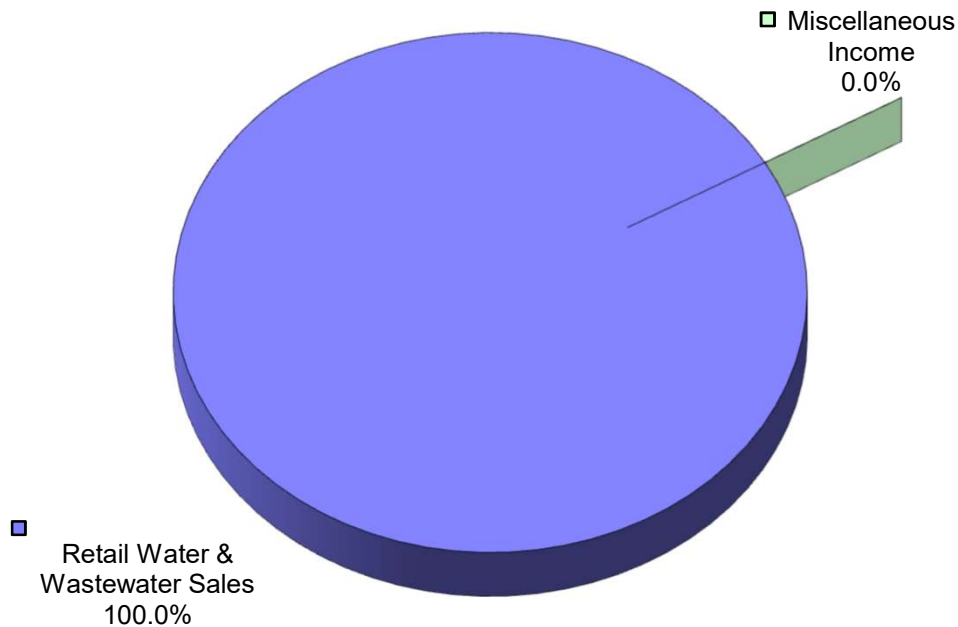
FUND BALANCE

Funds for the above listed maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided using revenues from customer billings. Since water rates and the resulting revenues are based upon the operating costs of the System, the resultant change in fund balance amounts to \$276,024.



Budget Summary

REVENUES - JOHNSON RANCH WDS

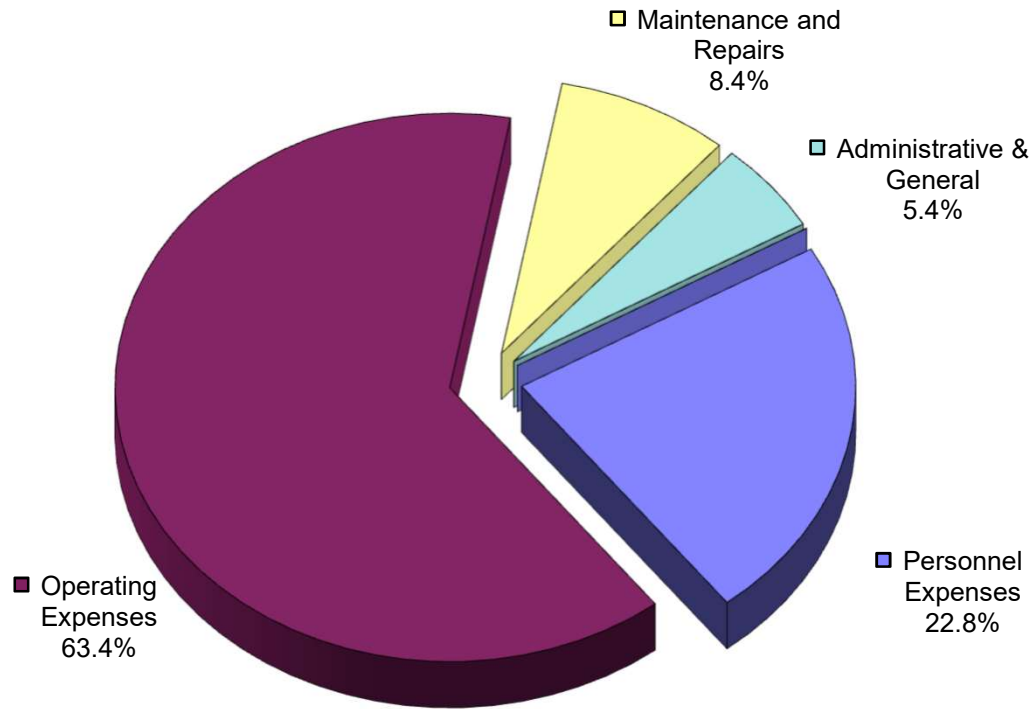


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	858,411	813,600	864,000
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	6,441		
Total Operating Revenue	864,852	813,600	864,000
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	864,852	813,600	864,000



Budget Summary

EXPENSES - JOHNSON RANCH WDS



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	125,352	105,958	134,085
Operating Expenses	273,201	336,216	372,998
Maintenance and Repairs	31,050	47,000	49,400
Administrative & General	29,442	24,887	31,493
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	459,045	514,061	587,976
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	459,045	514,061	587,976

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**055 - Johnson Ranch WDS
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Water Sales				
42301	WATER SALES	750,000	800,000	50,000
42310	WATER CONNECTION FEES	60,000	60,000	-
42340	TRANSFER FEES	3,600	4,000	400
	Total Retail Water Sales	813,600	864,000	50,400
	Total Operating Revenue	813,600	864,000	50,400
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	63,119	80,639	17,520
51102	LBR-OVERTIME	12,296	14,795	2,499
	Total Salaries	75,415	95,434	20,019
Benefits				
51298	BEN-BENEFIT ALLOCATION	30,543	38,651	8,108
	Total Benefits	30,543	38,651	8,108
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	2,300	6,000	3,700
52102	OPR-AUXILIARY POWER EXPENSE	2,000	4,000	2,000
52103	OPR-CHEMICALS	1,000	1,500	500
52110	OPR-SMALL TOOLS AND SUPPLIES	1,000	2,000	1,000
52113	OPR-LAB SUPPLIES	500	1,800	1,300
52114	OPR-LABORATORY SERVICES-GBRA	1,000	1,000	-
52115	OPR-LABORATORY SERVICES-OUTSOURCED	500	500	-
52120	OPR-UNIFORMS	500	1,500	1,000
52121	OPR-SAFETY & EMERGENCY EXPENSE	500	2,500	2,000
52122	OPR-SECURITY EXPENSE	500	-	(500)
52124	OPR-EQUIPMENT EXPENSE	1,000	2,000	1,000
52125	OPR-VEHICLE EXPENSE	4,000	5,000	1,000
52126	OPR-FLEET LEASE EXPENSE	3,768	4,978	1,210

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52133	OPR-SCADA	1,500	1,700	200
52150	OPR-WATER PURCHASES/DELIVERY	300,000	320,000	20,000
	Total Operating Supplies & Services	320,068	354,478	34,410
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	720	1,000	280
52216	OPR-REGULATORY FEES	2,000	1,000	(1,000)
52220	OPR-BANK FEES	-	170	170
52223	OPR-LICENSE & TRAINING	500	2,500	2,000
52224	OPR-TRAVEL & MEETINGS	1,206	2,000	794
	Total Professional Services and Fees	4,426	6,670	2,244
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	600	600	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	2,950	2,600	(350)
52303	OPR-WIDE AREA NETWORK EXPENSE	3,000	1,650	(1,350)
52305	OPR-POSTAGE AND FREIGHT EXPENSE	1,600	1,600	-
52306	OPR-COMMUNICATIONS	1,500	3,000	1,500
	Total Office Expenses	9,650	9,450	(200)
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	2,072	2,400	328
	Total Other Operating Expenses	2,072	2,400	328
	SUBTOTAL OF OPERATIONAL EXPENSES	442,174	507,083	64,909
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	3,000	2,000	(1,000)
53115	M&R-METERS	20,000	25,000	5,000
	Total Maintenance and Repair Equipment	23,000	27,000	4,000
	Structures			
53216	M&R-PUMPSTATIONS	-	2,400	2,400
53230	M&R-PIPELINES	4,000	-	(4,000)
	Total Structures	4,000	2,400	(1,600)
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	20,000	20,000	-
	Total Other Maintenance & Repairs	20,000	20,000	-
	SUBTOTAL OF M&R EXPENSES	47,000	49,400	2,400
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	24,887	31,493	6,606
	Total Administrative & General	24,887	31,493	6,606

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
TOTAL OPERATING AND M&R EXPENSES	<u>514,061</u>	<u>587,976</u>	<u>73,915</u>
Net Operating Income	<u>299,539</u>	<u>276,024</u>	<u>(23,515)</u>
Net Change in Fund Balance	<u>299,539</u>	<u>276,024</u>	<u>(23,515)</u>



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Johnson Ranch WWT

Located in Comal County near Bulverde, the Johnson Ranch wastewater system began in October 2015 and consists of a collection system and wastewater treatment plant. The plant is permitted to treat and discharge up to 0.115 mgd.

The wastewater collection and treatment system is operated and maintained by employees of the Western Canyon WTP division.

-
- | | |
|---|---|
| <ul style="list-style-type: none">• Service Provided: Wastewater collection and treatment• Location: Bulverde, TX• Startup Operation Date: 2015 | <ul style="list-style-type: none">• Service Area: Comal Co., TX• Capacity: 0.115 MGD• Budgeted Revenue: \$507,924 |
|---|---|

Western Canyon Division
Johnson Ranch Wastewater Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

GBRA initiated treated surface water deliveries from the Western Canyon Water Treatment Plant to the Johnson Ranch development in June 2009. The Johnson Ranch Wastewater Treatment Plant was started up in October 2015. Construction of new homes continued for several years, with a projected build out of 1,000 homes. Early FY 2022 the developer, DHJB Development, finalized the construction of the new permanent wastewater plant with a treatment capacity of 350,000 gallons per day.

REVENUE SOURCES AND TRENDS

Revenues will be obtained through connection fees for wastewater service, and monthly wastewater service fees. Revenues are projected to be \$507,924 during FY 2023 which is \$45,490 or 9.8% more than the FY 2022 service fee budget due primarily to growth in the number of connections.

CAPITAL ADDITIONS AND OPERATING EXPENSES

The Division Manager for Comal/Kendall Counties and the Western Canyon/RUD Wastewater Manager provide overall supervision of the system. Eight operators will divide their time between the Cordillera Ranch, Johnson Ranch, Bulverde Singing Hills Wastewater Reclamation System, Park Village, Four S Ranch, Canyon Park, and Boerne ISD Voss Middle School. The principal operating expenses for FY 2023 are personnel costs in the amount of \$209,376. Other significant operating costs include \$70,000 for chemicals, \$39,000 for lab supplies and services, and \$100,000 for bio-solids disposal. These costs represent the treatment and testing of the treated wastewater and removal of sludge from the plant. Funds for maintenance and repair are budgeted for \$32,000. There is no capital outlay anticipated for FY 23.

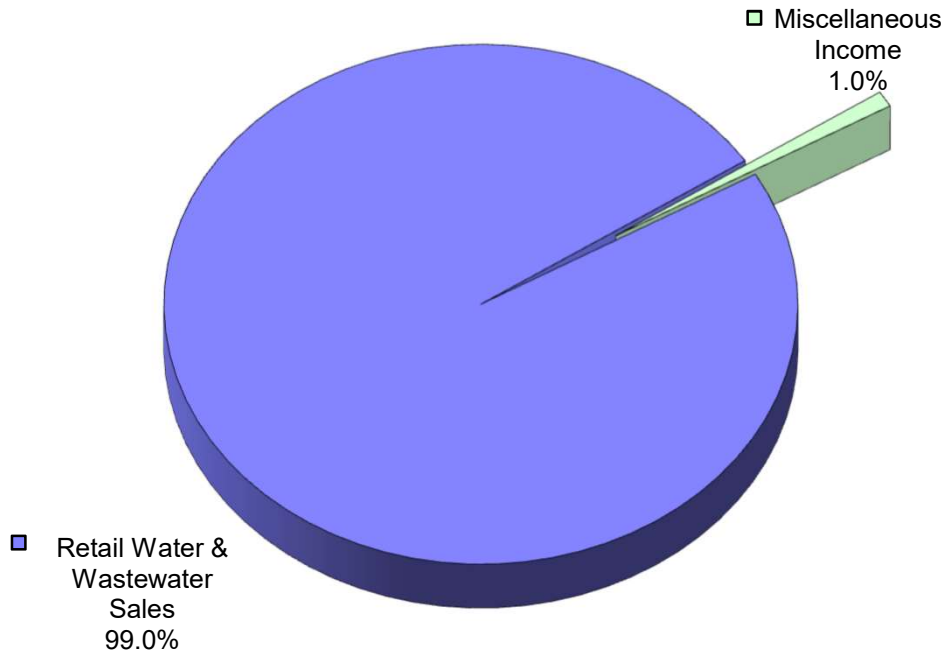
FUND BALANCE

Funds for the above listed operating expenditures as well as other expenditures that are summarized in the following pages will be provided from revenues resulting from customer billings. The effect of all the budgeted sources and uses of funds yields a budgeted deficit of \$51,559.



Budget Summary

REVENUES - JOHNSON RANCH WWTP

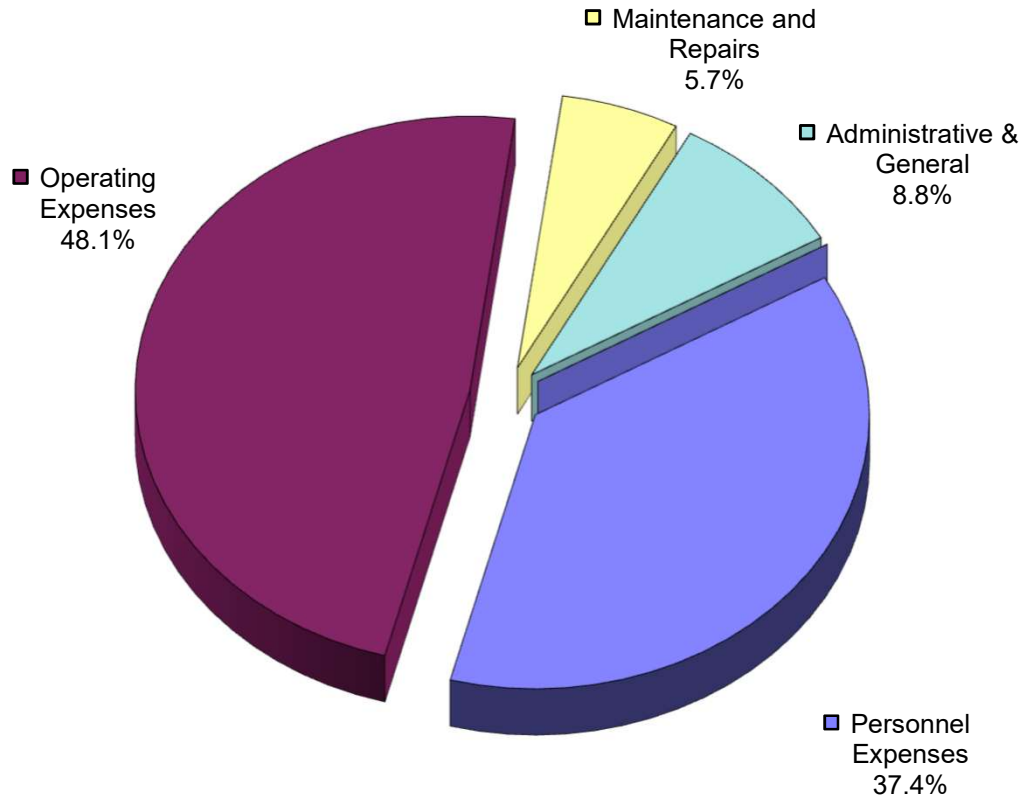


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	489,645	458,434	502,924
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	4,594	4,000	5,000
Total Operating Revenue	494,239	462,434	507,924
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	494,239	462,434	507,924



Budget Summary

EXPENSES - JOHNSON RANCH WWTP



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	191,816	183,968	209,376
Operating Expenses	286,903	198,166	268,930
Maintenance and Repairs	20,617	31,000	32,000
Administrative & General	45,053	43,210	49,177
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	544,389	456,344	559,483
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	544,389	456,344	559,483

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**056 - Johnson Ranch WWTP
Department ***

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Retail Wastewater			
42401 WASTEWATER SERVICES	418,684	471,424	52,740
42402 SEWER CONNECTION/INSP FEES	35,750	27,500	(8,250)
42405 TRANSFER FEES	4,000	4,000	-
Total Retail Wastewater	458,434	502,924	44,490
Misc Income			
45195 MISCELLANEOUS REVENUES	4,000	5,000	1,000
Total Misc Income	4,000	5,000	1,000
Total Operating Revenue	462,434	507,924	45,490
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	112,780	123,648	10,868
51102 LBR-OVERTIME	18,158	25,374	7,216
Total Salaries	130,938	149,022	18,084
Benefits			
51298 BEN-BENEFIT ALLOCATION	53,030	60,354	7,324
Total Benefits	53,030	60,354	7,324
Operating Supplies & Services			
52102 OPR-AUXILIARY POWER EXPENSE	8,000	9,000	1,000
52103 OPR-CHEMICALS	40,000	70,000	30,000
52110 OPR-SMALL TOOLS AND SUPPLIES	2,000	2,500	500
52113 OPR-LAB SUPPLIES	11,000	11,000	-
52114 OPR-LABORATORY SERVICES-GBRA	26,000	28,000	2,000
52118 OPR-DISPOSAL SERVICES	65,000	100,000	35,000
52120 OPR-UNIFORMS	1,000	1,000	-
52121 OPR-SAFETY & EMERGENCY EXPENSE	2,000	2,000	-
52123 OPR-EQUIPMENT RENTAL	12,184	12,184	-

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52125	OPR-VEHICLE EXPENSE	2,000	2,000	-
52126	OPR-FLEET LEASE EXPENSE	2,760	5,326	2,566
52133	OPR-SCADA	3,500	1,700	(1,800)
	Total Operating Supplies & Services	175,444	244,710	69,266
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	1,000	2,000	1,000
52220	OPR-BANK FEES	-	170	170
52222	OPR-MEMBERSHIPS & PUBLICATIONS	300	300	-
52223	OPR-LICENSE & TRAINING	2,000	2,000	-
52224	OPR-TRAVEL & MEETINGS	5,000	5,000	-
	Total Professional Services and Fees	8,300	9,470	1,170
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	800	800	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	3,250	3,000	(250)
52303	OPR-WIDE AREA NETWORK EXPENSE	3,000	1,650	(1,350)
52305	OPR-POSTAGE AND FREIGHT EXPENSE	2,000	2,000	-
52306	OPR-COMMUNICATIONS	2,000	2,000	-
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	-	1,800	1,800
	Total Office Expenses	11,050	11,250	200
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	2,372	2,500	128
52430	OPR-MISC EXPENSE	1,000	1,000	-
	Total Other Operating Expenses	3,372	3,500	128
	SUBTOTAL OF OPERATIONAL EXPENSES	382,134	478,306	96,172
	Structures			
53205	M&R-PUMPS AND MOTORS	6,000	7,000	1,000
	Total Structures	6,000	7,000	1,000
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	25,000	25,000	-
	Total Other Maintenance & Repairs	25,000	25,000	-
	SUBTOTAL OF M&R EXPENSES	31,000	32,000	1,000
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	43,210	49,177	5,967
	Total Administrative & General	43,210	49,177	5,967
	TOTAL OPERATING AND M&R EXPENSES	456,344	559,483	103,139

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
Net Operating Income	<u>6,090</u>	<u>(51,559)</u>	<u>(57,649)</u>
Net Change in Fund Balance	<u>6,090</u>	<u>(51,559)</u>	<u>(57,649)</u>



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Bulverde Singing Hills WWTP

Located in Bulverde, the Singing Hills wastewater system began in October 2015 and consists of a collection system, wastewater treatment plant, and reuse system. The plant is permitted to treat and discharge up to 0.048 mgd.

The wastewater collection and treatment system and reuse system is operated and maintained by employees of the Western Canyon WTP division.

-
- | | |
|---|-------------------------------|
| • Service Provided: Wastewater treatment and collection | • Service Area: Comal Co., TX |
| • Location: Bulverde, TX | • Capacity: 0.048 MGD |
| • Startup Operation Date: 2015 | • Budgeted Revenue: \$484,353 |

Western Canyon Division
Singing Hills Wastewater Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

GBRA initiated operations of the Singing Hills wastewater system, located in Bulverde, Texas, in October 2015. The initial operation was as a pump and haul trucking operation to dispose of the wastewater while the wastewater treatment plant was under construction. The Singing Hills WWTP began operation on March 15, 2016, as businesses began populating a nearby shopping center. The discharge from the wastewater treatment plant can be used for irrigation of the green areas within the shopping center. Residential and commercial construction will continue for the next several years. In addition to the shopping areas, the system receives wastewater from the nearby Bill Brown Elementary School and The Preserve residential development.

REVENUE SOURCES AND TRENDS

This is a cost of service contract between GBRA and the City of Bulverde. GBRA collects the connection and service fees on behalf of the City, through an agreement with Canyon Lake Water Supply Corporation (CLWSC). The City makes monthly payments to GBRA in the amount of one-twelfth of the FY 2023 budgeted expenses. In total, revenue for FY 2023 is budgeted at \$484,353.

CAPITAL ADDITIONS AND OPERATING EXPENSES

In addition to personnel costs, other significant operating costs include total chemical expenses at \$58,000, laboratory supplies and services at \$31,000, biosolids disposal at \$37,500, and billing services to CLWSC for \$24,000. Funds for maintenance and repair are budgeted at \$30,000. There are no capital purchases budgeted for FY 2023.

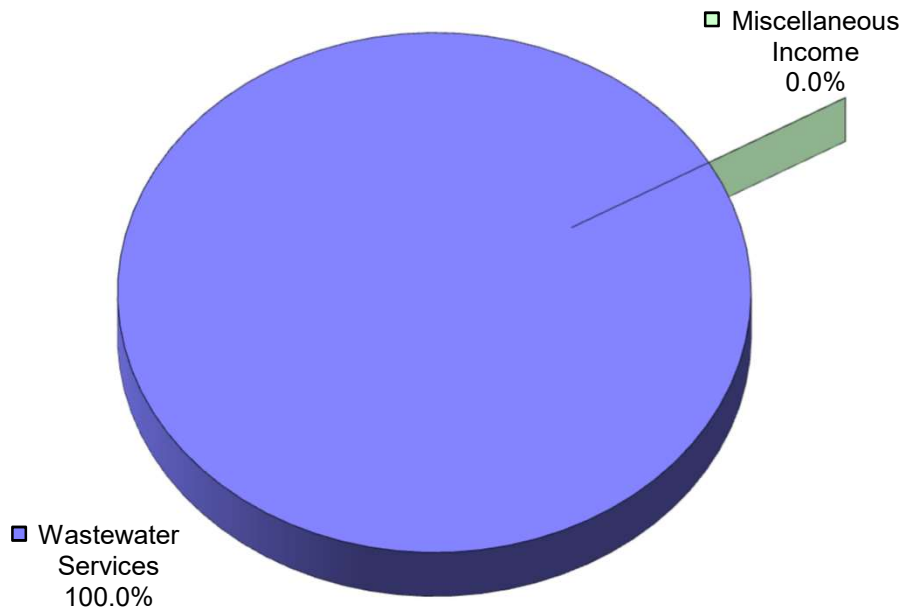
FUND BALANCE

Funds for the above listed operating expenditures as well as the other expenditures that are summarized in the following pages will be provided by the City of Bulverde, using revenues from customer billings. Since wastewater rates and the resulting revenues, including any year-end budget-to-actual payments from the City of Bulverde, are based upon the operating costs of the system, the resultant change in fund balance amounts to \$0.



Budget Summary

REVENUES -SINGING HILLS WWTP

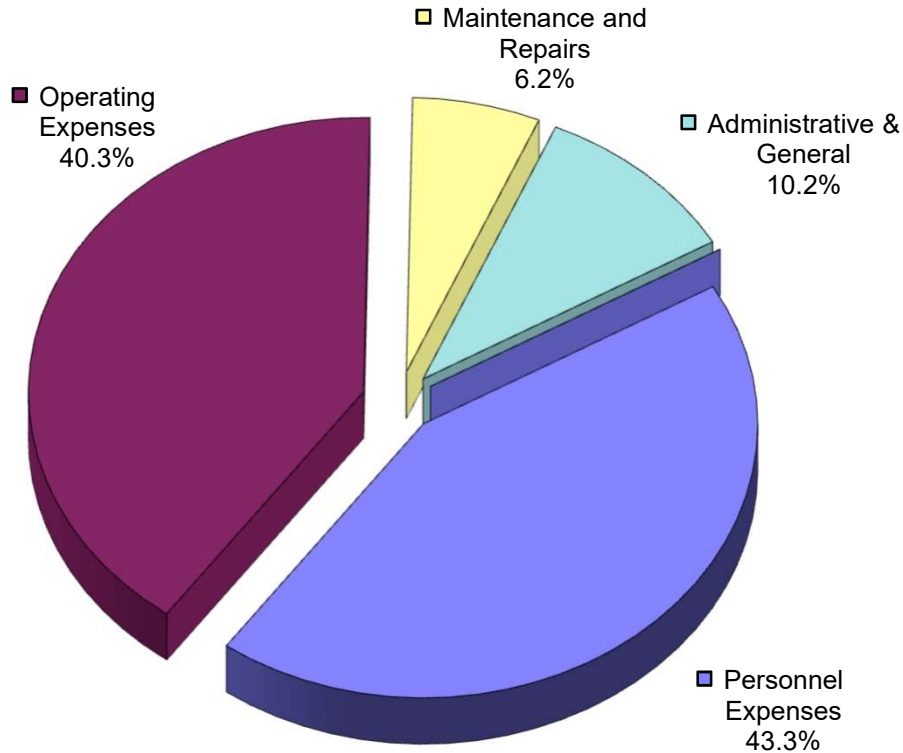


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services	317,065	376,459	484,353
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	317,065	376,459	484,353
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	317,065	376,459	484,353



Budget Summary

EXPENSES - SINGING HILLS WWTP



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	123,817	161,459	209,820
Operating Expenses	132,050	146,055	195,251
Maintenance and Repairs	32,116	31,000	30,000
Administrative & General	29,082	37,945	49,282
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	317,065	376,459	484,353
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	317,065	376,459	484,353

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**057 - Bulverde Singing Hills WWRS
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wastewater Treatment				
41201	WW-OPR & MAINTENANCE	376,459	484,353	107,894
	Total Wastewater Treatment	376,459	484,353	107,894
	Total Operating Revenue	376,459	484,353	107,894
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	96,541	121,972	25,431
51102	LBR-OVERTIME	18,348	27,366	9,018
	Total Salaries	114,889	149,338	34,449
Benefits				
51298	BEN-BENEFIT ALLOCATION	46,570	60,482	13,912
	Total Benefits	46,570	60,482	13,912
Operating Supplies & Services				
52102	OPR-AUXILIARY POWER EXPENSE	6,500	8,500	2,000
52103	OPR-CHEMICALS	24,000	58,000	34,000
52110	OPR-SMALL TOOLS AND SUPPLIES	2,000	2,500	500
52113	OPR-LAB SUPPLIES	6,000	6,000	-
52114	OPR-LABORATORY SERVICES-GBRA	22,000	25,000	3,000
52118	OPR-DISPOSAL SERVICES	25,000	37,500	12,500
52120	OPR-UNIFORMS	1,000	1,000	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	2,000	2,000	-
52123	OPR-EQUIPMENT RENTAL	3,327	3,327	-
52125	OPR-VEHICLE EXPENSE	2,000	2,500	500
52126	OPR-FLEET LEASE EXPENSE	3,756	5,924	2,168
52133	OPR-SCADA	1,500	1,700	200
	Total Operating Supplies & Services	99,083	153,951	54,868
Professional Services and Fees				

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52205	OPR-PROFESSIONAL SERVICES-OTHER	3,000	3,500	500
52216	OPR-REGULATORY FEES	-	1,500	1,500
52217	OPR-INSPECTION FEES	1,500	-	(1,500)
52219	OPR-CUSTOMER BILLING FEES	30,000	24,000	(6,000)
52222	OPR-MEMBERSHIPS & PUBLICATIONS	500	500	-
52223	OPR-LICENSE & TRAINING	2,000	2,500	500
52224	OPR-TRAVEL & MEETINGS	3,000	2,000	(1,000)
	Total Professional Services and Fees	40,000	34,000	(6,000)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	1,000	1,000	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	850	700	(150)
52306	OPR-COMMUNICATIONS	1,500	1,500	-
	Total Office Expenses	3,350	3,200	(150)
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	2,122	2,600	478
52430	OPR-MISC EXPENSE	1,500	1,500	-
	Total Other Operating Expenses	3,622	4,100	478
	SUBTOTAL OF OPERATIONAL EXPENSES	307,514	405,071	97,557
	Structures			
53205	M&R-PUMPS AND MOTORS	10,000	10,000	-
53215	M&R-LIFTSTATIONS	6,000	-	(6,000)
	Total Structures	16,000	10,000	(6,000)
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	15,000	20,000	5,000
	Total Other Maintenance & Repairs	15,000	20,000	5,000
	SUBTOTAL OF M&R EXPENSES	31,000	30,000	(1,000)
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	37,945	49,282	11,337
	Total Administrative & General	37,945	49,282	11,337
	TOTAL OPERATING AND M&R EXPENSES	376,459	484,353	107,894
	Net Operating Income	-	-	-
	Net Change in Fund Balance	-	-	-



Park Village WWTP
Construction of collection
system

Park Village WWTP

Located in Comal County near Bulverde, the Park Village wastewater system is expected to commence operations in Fiscal Year 2019, beginning with an interim pump and haul service and transition into a collection system and wastewater treatment plant. The initial phase of the wastewater treatment plant will be permitted to treat and discharge up to 0.098 mgd.

The wastewater collection and treatment system will be operated and maintained by employees of the Western Canyon WTP division.

-
- | | |
|---|-------------------------------|
| • Service Provided: Wastewater collection and treatment | • Service Area: Comal Co., TX |
| • Location: Bulverde, TX | • Capacity: 0.098 MGD |
| • Startup Operation Date: 2018 | • Budgeted Revenue: \$430,658 |

Western Canyon Division

Park Village Wastewater Reclamation System

Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

GBRA is responsible for providing retail wastewater collection and treatment services for the Ventana subdivision. Initially, wastewater was trucked to a regional wastewater plant for treatment until the completion of the construction of the wastewater treatment plant in the spring of 2020.

REVENUE SOURCES AND TRENDS

Revenues will be obtained through connection fees for wastewater service, monthly wastewater service fees and developer fees. Revenues are projected to be \$430,658 during FY 2023 which is \$124,415 or 40.6% more than the FY 2022 budget due primarily to growth in the number of connections.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Eight operators will divide their time between the Cordillera Ranch, Johnson Ranch, Bulverde Singing Hills Wastewater Reclamation System, Park Village, Four S Ranch, Canyon Park, and Boerne ISD Voss Middle School. The Division Manager for Comal/Kendall Counties and the Western Canyon/RUD Wastewater Manager provide overall supervision of the system. The contract between the Comal County WCID No. 6 District and GBRA provides that GBRA operate the plant and associated facilities upon completion of construction as well as bill the customers of the system. The monthly wastewater service fee charged to each residential customer was established based on comparative rates for other similar operations. The contract also provides that GBRA will bill the District the actual cost of operating and maintaining the plant in excess of the revenue from customers. As a result, revenue from the Park Village System does not over-recover nor under-recover the cost of operating the plant.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The combined capital additions and operating expenditure budget for FY 2023 amounts to \$430,658.

Significant operating and maintenance expenses for FY 2023 include \$20,000 for power to operate the wastewater plant, \$40,000 for chemicals, \$25,500 for laboratory supplies and services, \$24,000 for biosolids disposal, and billing services to Canyon Lake Water Supply Corporation for \$18,000. Funds for maintenance and repair are budgeted at \$16,500. There are no capital additions.

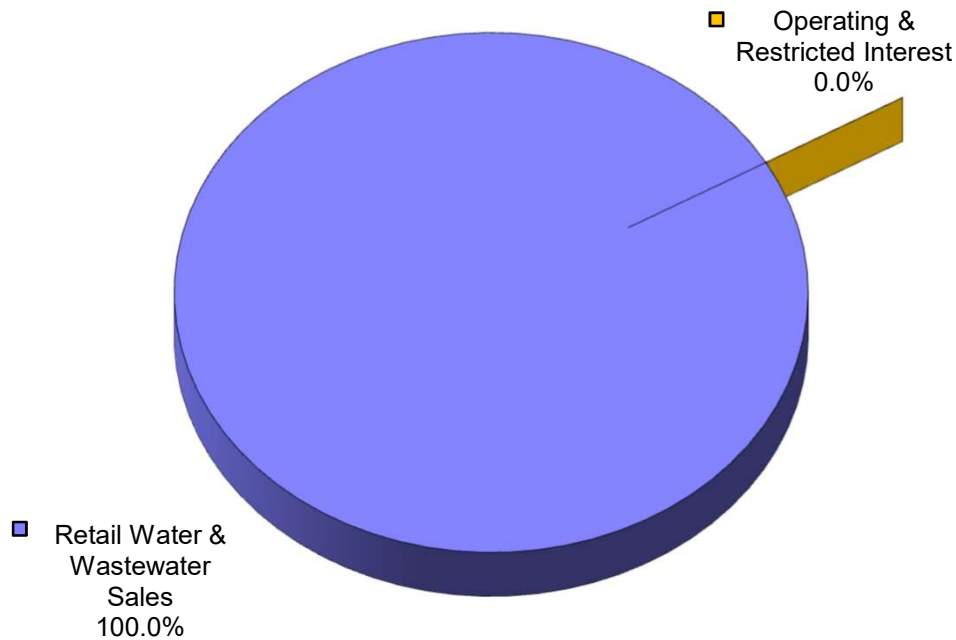
FUND BALANCE

Funds for the above listed capital additions and maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided by retail customers and from the District. The net increase in the fund balance that GBRA anticipates in the Park Village Wastewater System is \$0.



Budget Summary

REVENUES -PARK VILLAGE WWRS

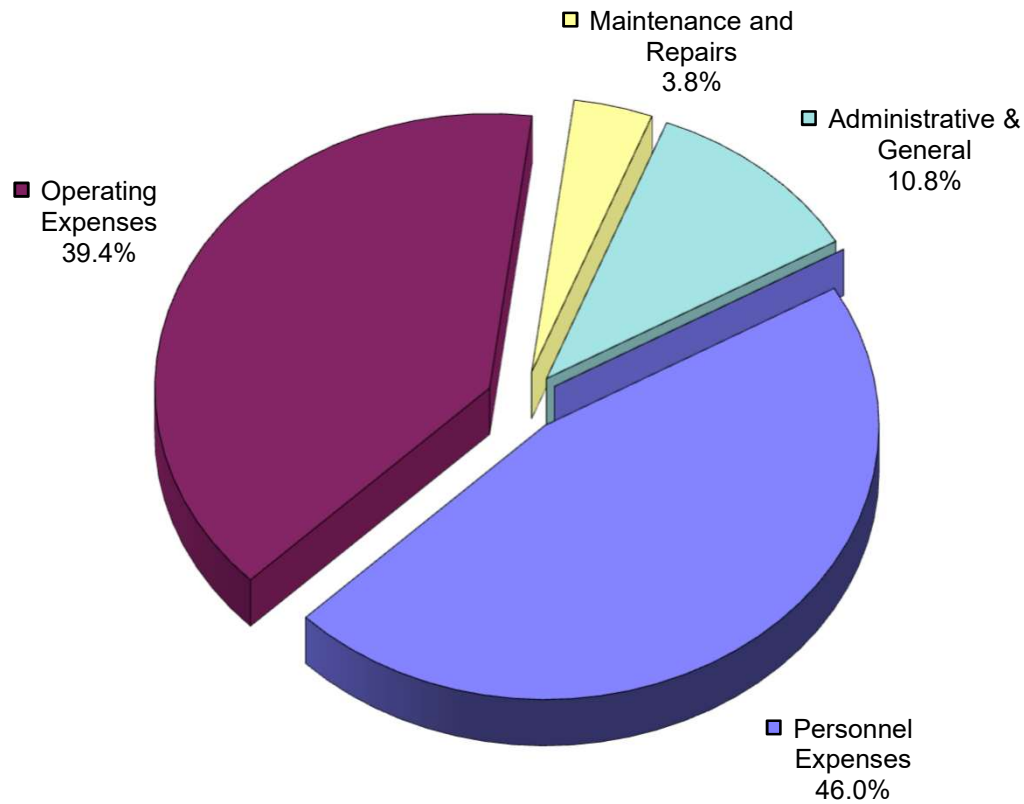


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	231,443	306,243	430,658
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	231,443	306,243	430,658
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	231,443	306,243	430,658



Budget Summary

EXPENSES - PARK VILLAGE WWRS



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	114,284	137,565	198,060
Operating Expenses	72,418	122,367	169,579
Maintenance and Repairs	17,899	14,000	16,500
Administrative & General	26,842	32,311	46,519
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	231,443	306,243	430,658
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	231,443	306,243	430,658

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**058 - Park Village WWRS
Department ***

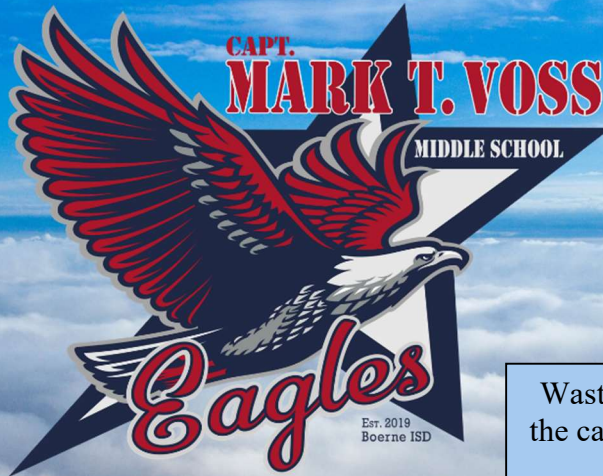
		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	176,400	205,200	28,800
42402	SEWER CONNECTION/INSP FEES	55,000	44,000	(11,000)
42405	TRANSFER FEES	2,000	2,200	200
42450	CHARGES TO DEVELOPERS	72,843	179,258	106,415
	Total Retail Wastewater	306,243	430,658	124,415
	Total Operating Revenue	306,243	430,658	124,415
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	80,390	115,834	35,444
51102	LBR-OVERTIME	17,521	25,134	7,613
	Total Salaries	97,911	140,968	43,057
Benefits				
51298	BEN-BENEFIT ALLOCATION	39,654	57,092	17,438
	Total Benefits	39,654	57,092	17,438
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	20,000	20,000	-
52102	OPR-AUXILIARY POWER EXPENSE	800	4,500	3,700
52103	OPR-CHEMICALS	12,100	40,000	27,900
52110	OPR-SMALL TOOLS AND SUPPLIES	2,000	2,500	500
52113	OPR-LAB SUPPLIES	5,000	5,500	500
52114	OPR-LABORATORY SERVICES-GBRA	18,000	20,000	2,000
52118	OPR-DISPOSAL SERVICES	15,400	24,000	8,600
52120	OPR-UNIFORMS	1,000	1,000	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	2,000	2,000	-
52123	OPR-EQUIPMENT RENTAL	6,655	6,655	-
52125	OPR-VEHICLE EXPENSE	2,000	2,500	500
52126	OPR-FLEET LEASE EXPENSE	4,940	5,924	984

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52133	OPR-SCADA	1,500	1,700	200
	Total Operating Supplies & Services	91,395	136,279	44,884
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	1,000	1,500	500
52219	OPR-CUSTOMER BILLING FEES	15,000	18,000	3,000
52222	OPR-MEMBERSHIPS & PUBLICATIONS	500	300	(200)
52223	OPR-LICENSE & TRAINING	1,500	2,000	500
52224	OPR-TRAVEL & MEETINGS	4,000	4,000	-
	Total Professional Services and Fees	22,000	25,800	3,800
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	600	600	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	750	650	(100)
52303	OPR-WIDE AREA NETWORK EXPENSE	3,000	1,650	(1,350)
52306	OPR-COMMUNICATIONS	1,500	1,500	-
	Total Office Expenses	5,850	4,400	(1,450)
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	2,122	2,100	(22)
52430	OPR-MISC EXPENSE	1,000	1,000	-
	Total Other Operating Expenses	3,122	3,100	(22)
	SUBTOTAL OF OPERATIONAL EXPENSES	259,932	367,639	107,707
	Structures			
53205	M&R-PUMPS AND MOTORS	2,000	2,500	500
	Total Structures	2,000	2,500	500
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	12,000	14,000	2,000
	Total Other Maintenance & Repairs	12,000	14,000	2,000
	SUBTOTAL OF M&R EXPENSES	14,000	16,500	2,500
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	32,311	46,519	14,208
	Total Administrative & General	32,311	46,519	14,208
	TOTAL OPERATING AND M&R EXPENSES	306,243	430,658	124,415
	Net Operating Income	-	-	-

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
Net Change in Fund Balance	-	-	-



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Wastewater Treatment Plant – on
the campus of Voss Middle School
(Boerne ISD)

Boerne ISD WWTTP

The Boerne Independent School District (ISD) wastewater treatment plant is located on the campus of Voss Middle School. The plant began operation in the summer of 2019 as construction was completed on the campus prior to its opening for the 2019-20 school year. The plant only collects and treats wastewater generated from the middle school.

The wastewater collection and treatment system will be operated and maintained by employees of the Western Canyon WTP division.

-
- Service Provided: Wastewater collection and treatment
 - Location: Boerne, TX
 - Startup Operation Date: Summer 2019
 - Capacity: 30,000 gallons per day
 - Budgeted Revenue: \$83,339

Western Canyon Division

Boerne ISD Voss Middle School Wastewater Treatment Facility

Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

The following Work Plan and Budget is based on estimated costs to operate the membrane wastewater treatment plant for Boerne ISD at the Mark Tyler Voss Middle School. The permitted flow for the facility is 30,000 gallons per day (gpd) with a maximum estimated flow of 24,000 gpd when the school reaches capacity.

GBRA entered into an operating agreement with Boerne ISD in April 2019 and assumed operation of the Boerne ISD Voss Middle School upon completion in August 2019. Operators from the Western Canyon Division will divide their time between Voss, Cordillera Ranch, Johnson Ranch, 4S Ranch, Park Village and Singing Hills facilities. The Facility is supervised by the Chief Operator of the Western Canyon Wastewater Operations Division and managed by the Western Canyon Division Manager.

REVENUE SOURCES AND TRENDS

The operating agreement with Boerne ISD provides that GBRA will bill the District the actual cost of operating and maintaining the plant. As a result, revenue is matched to expenses and GBRA does not over-recover nor under-recover the cost of operating the plant. This work plan is based upon a 12-month FY 2023 budget year. Estimated annual cost of operations is \$83,339.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The total operating expenditure budget for FY 2023 amounts to \$83,339.

In addition to personnel costs, other significant operating and maintenance expenses are laboratory services and expenses at \$13,500 and disposal services at \$8,000. Utility expenses are paid directly by the school district.

The budget includes the standard administration and general percentage charged to all operating divisions of GBRA.

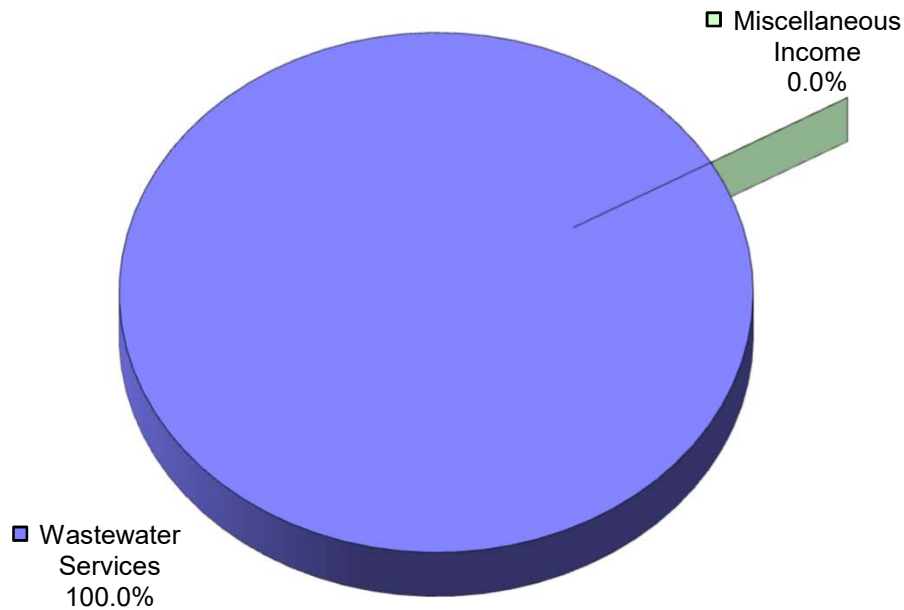
FUND BALANCE

Since this System represents a contract operation, in which GBRA does not over-recover nor under-recover its costs, the net change in fund balance for FY 2023 is \$0.



Budget Summary

REVENUES -BOERNE ISD WWTP

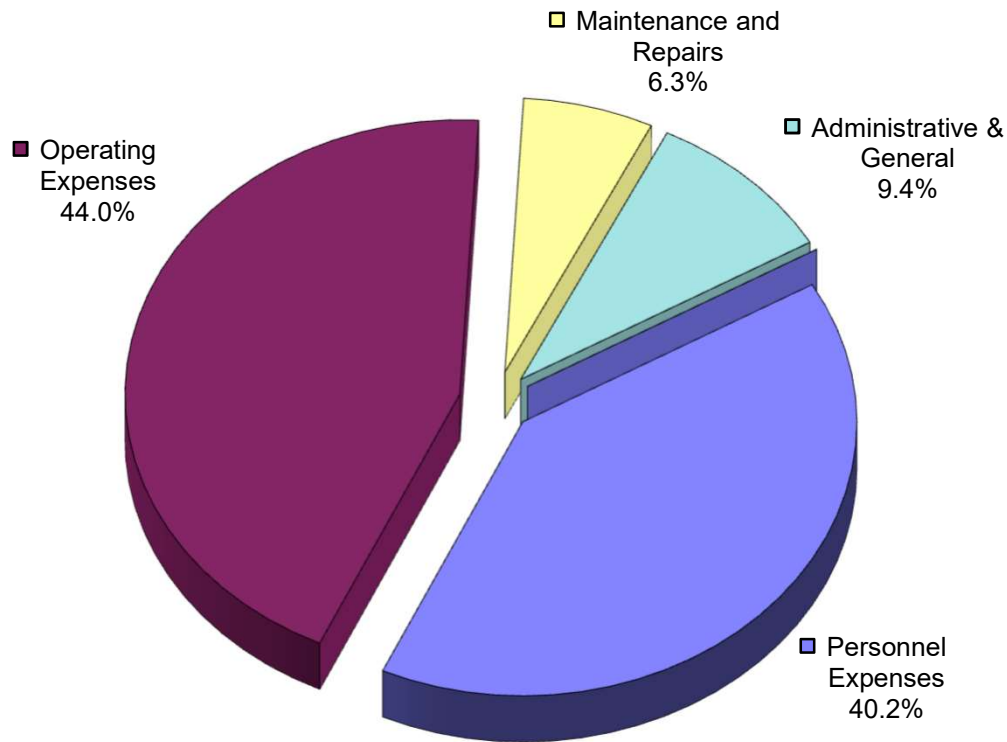


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services	91,838	101,732	83,339
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	91,838	101,732	83,339
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	91,838	101,732	83,339



Budget Summary

EXPENSES - BOERNE ISD WWTP



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	30,782	43,015	31,776
Operating Expenses	18,551	39,314	34,800
Maintenance and Repairs	32,552	5,000	5,000
Administrative & General	7,230	10,103	7,463
Capital Expense & Outlay	2,723	4,300	4,300
Transfers			
Total Operating and M&R Expenses	91,838	101,732	83,339
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	91,838	101,732	83,339

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**059 - Boerne ISD Voss Middle School WWTP
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wastewater Treatment				
41201	WW-OPR & MAINTENANCE	101,732	83,339	(18,393)
	Total Wastewater Treatment	101,732	83,339	(18,393)
	Total Operating Revenue	101,732	83,339	(18,393)
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	22,666	17,853	(4,813)
51102	LBR-OVERTIME	7,950	4,763	(3,187)
	Total Salaries	30,616	22,616	(8,000)
Benefits				
51298	BEN-BENEFIT ALLOCATION	12,399	9,160	(3,239)
	Total Benefits	12,399	9,160	(3,239)
Operating Supplies & Services				
52103	OPR-CHEMICALS	3,500	2,000	(1,500)
52110	OPR-SMALL TOOLS AND SUPPLIES	1,000	1,000	-
52113	OPR-LAB SUPPLIES	1,500	1,500	-
52114	OPR-LABORATORY SERVICES-GBRA	10,000	12,000	2,000
52118	OPR-DISPOSAL SERVICES	10,000	8,000	(2,000)
52120	OPR-UNIFORMS	1,000	1,000	-
52125	OPR-VEHICLE EXPENSE	4,000	3,000	(1,000)
52126	OPR-FLEET LEASE EXPENSE	1,514	-	(1,514)
52133	OPR-SCADA	500	500	-
	Total Operating Supplies & Services	33,014	29,000	(4,014)
Professional Services and Fees				
52205	OPR-PROFESSIONAL SERVICES-OTHER	1,500	1,500	-
52223	OPR-LICENSE & TRAINING	1,500	1,500	-
	Total Professional Services and Fees	3,000	3,000	-

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	1,000	500	(500)
52302	OPR-COMPUTER & SOFTWARE EXPENSE	-	200	200
52306	OPR-COMMUNICATIONS	800	800	-
	Total Office Expenses	1,800	1,500	(300)
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	1,500	1,300	(200)
	Total Other Operating Expenses	1,500	1,300	(200)
	SUBTOTAL OF OPERATIONAL EXPENSES	82,329	66,576	(15,753)
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	5,000	5,000	-
	Total Other Maintenance & Repairs	5,000	5,000	-
	SUBTOTAL OF M&R EXPENSES	5,000	5,000	-
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	10,103	7,463	(2,640)
	Total Administrative & General	10,103	7,463	(2,640)
	Capital Expenses			
55001	CUSTOMER-OWNED CAPITAL EXPENSE	4,300	4,300	-
	Total Capital Expenses	4,300	4,300	-
	TOTAL OPERATING AND M&R EXPENSES	101,732	83,339	(18,393)
	Net Operating Income	-	-	-
	Net Change in Fund Balance	-	-	-



Port Lavaca WTP

This division supplies the residents in Calhoun County with surface water from the Guadalupe River, treated to meet state and federal drinking water standards.

Raw water is diverted from the Guadalupe River near Tivoli by GBRA's Calhoun Canal System, using water rights permits issued to GBRA by the State of Texas. This water, treated at the Port Lavaca WTP, provides a reliable source of municipal drinking water to the City of Port Lavaca, the Calhoun County Rural Water Supply System (CCRWSS), and the Port O'Connor Improvement District (POC).

On-site water quality monitoring and testing is done to ensure that treated water meets all required standards for public water facilities. With a treatment capacity of 6 million gallons per day, the plant provides treated water for the domestic and business needs of approximately 24,000 people.

The division also provides the security of supplemental water supplies in times of low rainfall or drought. The City of Port Lavaca, as a Division customer, can access 4,480 acre-feet of water per year from "run of the river rights" and Canyon Reservoir conservation storage. The CCRWSS and POC also purchase water annually from Canyon Reservoir conservation storage to supplement their needs.

Investments in technology and equipment, including remote monitoring of the water delivery and storage system, ensure that plant operations are as efficient and cost-effective as possible.

In addition, division staff works with customers and the public to promote water resource education and sound conservation practices.

-
- Service Provided: Water treatment
 - Location: Port Lavaca, TX
 - Startup Operation Date: 1970
 - Principal Customer: City of Port Lavaca

- Capacity: 6 MGD
- # of Current Employees: 6.5
- Budgeted Operating Revenue: \$1,887,915
- Expanded: 1993

Port Lavaca Water Treatment Plant Division

Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

The GBRA Port Lavaca Water Treatment Plant (WTP) is a surface water treatment plant that supplies the City of Port Lavaca, the Calhoun County Rural Water Supply System, and the Port O'Connor Improvement District (POC ID) with treated drinking water for residential and commercial use. The City of Port Lavaca, the Rural Water System, and the POC ID have contracts with GBRA's Water Supply Division for water from Canyon Reservoir, run-of-river water rights, and from other sources available to GBRA. The non-potable water is delivered from the Guadalupe River through GBRA's Water Supply and Calhoun Canal Systems to the WTP where it is treated to the high standards of the State of Texas and the stringent and ever evolving requirements of the federal Safe Drinking Water Act. The WTP has a capacity of 6.08 million gallons per day.

This Work Plan and Budget describes the operations, maintenance and capital additions to be performed during the upcoming fiscal year. The objective is to provide a safe and dependable supply of treated water at reasonable cost and in compliance with all state and federal water quality standards. The clarity and pathogen reduction risk "log" measurement of the treated water produced by the WTP are significantly better than current federal standards and closely approach the ultimate objective of optimized treatment considered desirable by industry experts.

The WTP is managed by the Division Manager – Calhoun/Refugio Counties. Employees of the Division responsible for daily operating and maintenance activities include a Chief Operator, four shift Operators, and a Maintenance Chief. Administrative duties are performed by a Secretary assigned to this division and support received from the Seguin office. Several of these employees also work in the two other divisions of GBRA that are headquartered at GBRA's Port Lavaca office. Additional support is received from the Seguin office in the form of engineering and administrative functions.

REVENUE SOURCES AND TRENDS

Each wholesale customer receiving a drinking water supply from the GBRA Port Lavaca Water Treatment Plant pays a pro-rata share of the total operating expenses of the Plant. The FY 2023 revenue is budgeted at \$1,887,915 which is a \$117,043 or 6.6% increase over the previous year.

Total treated water purchased by the City of Port Lavaca is forecast at 477.10 million gallons per year. The Port O'Connor ID will purchase an estimated 98.90 million gallons of treated water. The Calhoun County Rural Water Supply System will purchase an estimated 80.98 million gallons of treated water, based on that Division's forecast of customer connections. The total treated water forecast by the WTP for all three wholesale customers therefore sums to 656.97 million gallons or an average of 1.799 million gallons per day. The raw source or feed water delivered to the WTP by the Calhoun Canal Division for all three customers for treatment to potable drinking quality will cost 20.5¢ per 1,000 gallons. Raw water received from the GBRA Canal Division for the three wholesale customers as metered at the WTP's intake will total an estimated 759.961 million gallons.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Significant operating expenses for the upcoming Fiscal Year include \$138,979 for power and utilities. Alum, used as a coagulant, is budgeted at \$165,000. Potassium permanganate is used from time to time to control

taste and odor and to further enhance palatability of the finished water. The total operating and maintenance expenditure budget for FY 2023 amounts to \$1,887,915.

Employee training will continue in order to maintain technical competence and to enhance knowledge of pending rules and regulations pertaining to drinking water production and quality. Training will include courses to upgrade or maintain the required surface water treatment licenses issued by the State.

FUND BALANCE

The operating expenditures that are summarized in the following pages, will be provided by revenues from the City of Port Lavaca, the Calhoun County Rural Water Supply System, and the Port O'Connor ID. Port Lavaca Water Treatment Plant division is a contract operation therefore the net change in fund balance for FY 2023 is \$0.



Staffing Summary

Port Lavaca WTP	# of Authorized Positions (FTE)		
	2021	2022	2023
Chief Operator	1	1	1
Secretary	1	1	0.5
Maintenance Chief	1	1	1
Operator	4	4	4
Total	7	7	6.5

Changes from FY 2021 to FY 2022

No staffing changes for this division.

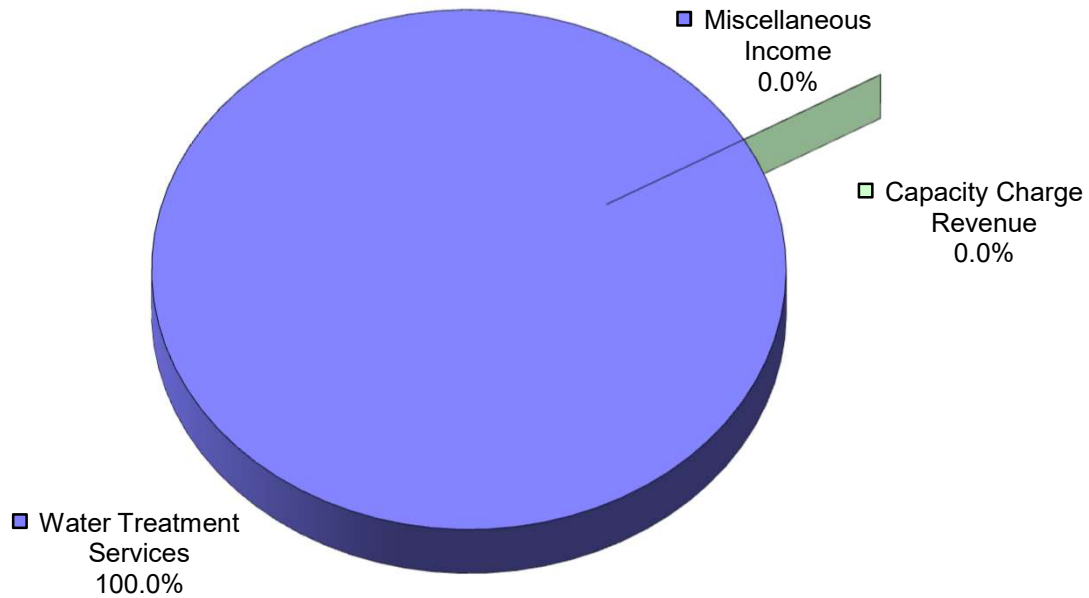
Changes from FY 2022 to FY 2023

Reduced Secretary position from F/T to P/T.



Budget Summary

REVENUES - PORT LAVACA WTP

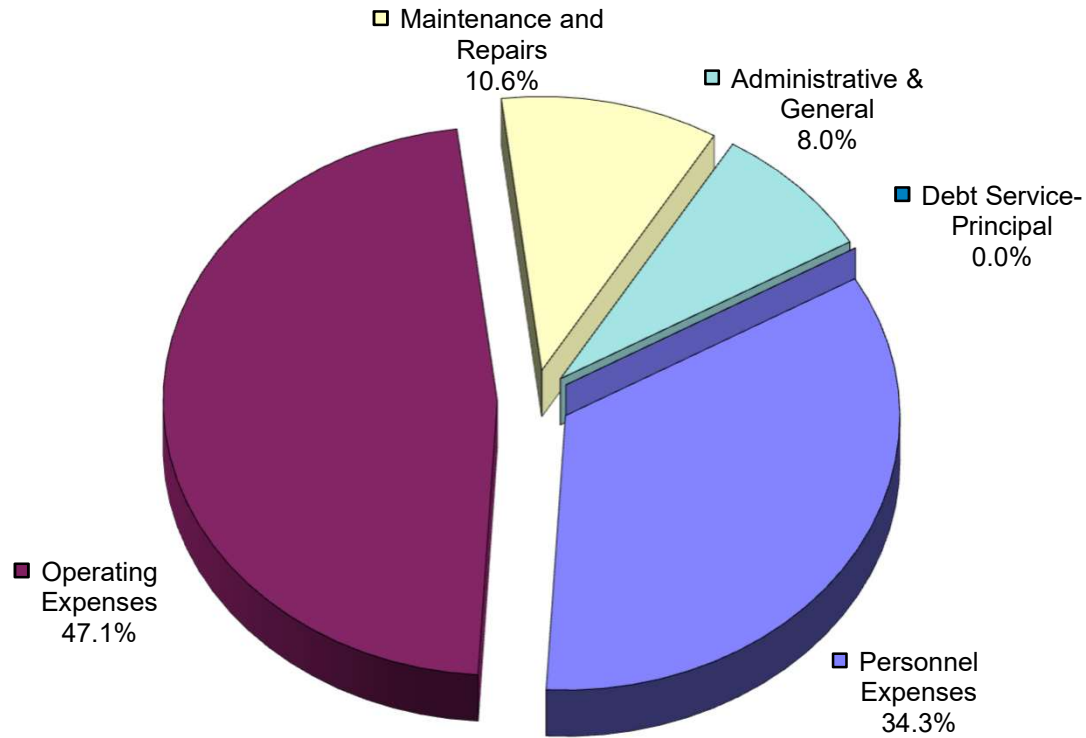


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services	1,838,328	1,770,872	1,887,915
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	1,838,328	1,770,872	1,887,915
Capacity Charge Revenue	58,731	30,646	
I/F Loan Repayments from Operations			
Grand Total Revenues	1,897,059	1,801,518	1,887,915



Budget Summary

EXPENSES - PORT LAVACA WTP



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	665,415	664,350	646,636
Operating Expenses	682,792	770,242	890,100
Maintenance and Repairs	334,854	180,240	199,300
Administrative & General	156,267	156,040	151,879
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	1,839,328	1,770,872	1,887,915
Debt Service-Principal	58,760	30,284	
Debt Service-Interest	2,528	362	
Debt Service-Bond Covenant Fund			
Grand Total Expenses	1,900,616	1,801,518	1,887,915

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**060 - Port Lavaca WTP
Department ***

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Water Treatment			
41110 PL-RAW WATER DELIVERY	123,808	108,530	(15,278)
41111 PL-PLANT O&M INCOME	1,008,242	1,182,509	174,267
41112 PL-PLANT A&G INCOME	109,389	112,950	3,561
41115 POC-RAW WATER PURCHASES	22,613	27,585	4,972
41116 POC-PLANT O&M INCOME	250,966	207,201	(43,765)
41117 POC-PLANT A&G INCOME	26,436	20,541	(5,895)
41125 RW-RAW WATER PURCHASE	21,220	19,659	(1,561)
41126 RW-WATER TREATMENT	187,983	190,550	2,567
41127 RW-PLANT A&G INCOME	20,215	18,390	(1,825)
Total Water Treatment	1,770,872	1,887,915	117,043
Total Operating Revenue	1,770,872	1,887,915	117,043
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	420,264	412,340	(7,924)
51102 LBR-OVERTIME	52,583	47,899	(4,684)
Total Salaries	472,847	460,239	(12,608)
Benefits			
51298 BEN-BENEFIT ALLOCATION	191,503	186,397	(5,106)
Total Benefits	191,503	186,397	(5,106)
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	112,080	138,979	26,899
52103 OPR-CHEMICALS	241,800	313,000	71,200
52110 OPR-SMALL TOOLS AND SUPPLIES	960	960	-
52113 OPR-LAB SUPPLIES	26,440	32,000	5,560
52114 OPR-LABORATORY SERVICES-GBRA	2,400	2,400	-
52115 OPR-LABORATORY SERVICES-OUTSOURCED	3,500	3,500	-
52120 OPR-UNIFORMS	4,800	4,800	-

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52121	OPR-SAFETY & EMERGENCY EXPENSE	4,000	4,000	-
52122	OPR-SECURITY EXPENSE	2,760	2,760	-
52124	OPR-EQUIPMENT EXPENSE	5,764	5,764	-
52125	OPR-VEHICLE EXPENSE	5,340	5,340	-
52126	OPR-FLEET LEASE EXPENSE	9,600	9,600	-
52133	OPR-SCADA	1,550	2,550	1,000
52145	OPR-CONTRACT LABOR	40,000	43,000	3,000
52150	OPR-WATER PURCHASES/DELIVERY	167,641	175,092	7,451
	Total Operating Supplies & Services	628,635	743,745	115,110
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	6,000	6,000	-
52217	OPR-INSPECTION FEES	360	360	-
52222	OPR-MEMBERSHIPS & PUBLICATIONS	1,200	1,200	-
52223	OPR-LICENSE & TRAINING	4,495	4,495	-
52224	OPR-TRAVEL & MEETINGS	4,000	5,000	1,000
	Total Professional Services and Fees	16,055	17,055	1,000
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	4,600	4,600	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	5,950	7,450	1,500
52306	OPR-COMMUNICATIONS	10,200	15,300	5,100
52322	OPR-MEDIA EXPENSE	1,067	-	(1,067)
	Total Office Expenses	21,817	27,350	5,533
	Other Operating Expenses			
52403	OPR-OFFICE/BUILDING RENTAL	2,112	-	(2,112)
52420	OPR-INSURANCE EXPENSE	92,073	92,400	327
52430	OPR-MISC EXPENSE	9,550	9,550	-
	Total Other Operating Expenses	103,735	101,950	(1,785)
	SUBTOTAL OF OPERATIONAL EXPENSES	1,434,592	1,536,736	102,144
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	109,000	120,800	11,800
53105	M&R-GENERATORS	6,000	9,000	3,000
53110	M&R-CONTROL SYSTEMS	6,480	8,000	1,520
53115	M&R-METERS	2,160	3,500	1,340
	Total Maintenance and Repair Equipment	123,640	141,300	17,660
	Structures			
53201	M&R-BUILDING	14,700	15,200	500
53202	M&R-CLEARWELLS	1,800	1,800	-
53205	M&R-PUMPS AND MOTORS	13,680	13,680	-
53210	M&R-GATES AND VALVES	5,640	5,640	-

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
53238	M&R-FILTERS	8,000	8,000	-
	Total Structures	43,820	44,320	500
	Other Maintenance & Repairs			
53301	M&R-ROADS	100	1,000	900
53310	M&R-GROUNDS/ROW	1,200	1,200	-
53320	M&R-PONDS AND LAGOONS	8,000	8,000	-
53399	M&R-MISC EXPENSE	3,480	3,480	-
	Total Other Maintenance & Repairs	12,780	13,680	900
	SUBTOTAL OF M&R EXPENSES	180,240	199,300	19,060
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	156,040	151,879	(4,161)
	Total Administrative & General	156,040	151,879	(4,161)
	TOTAL OPERATING AND M&R EXPENSES	1,770,872	1,887,915	117,043
	Net Operating Income	-	-	-

DEBT SERVICE BUDGET

	Capacity Charge Revenue			
41119	POC-DEBT SERVICE	17,542	-	(17,542)
41129	RW-DEBT SERVICE	13,104	-	(13,104)
	Total Capacity Charge Revenue	30,646	-	(30,646)
	Total Debt Revenue	30,646	-	(30,646)
	Principal Payments Expense			
21105	LOAN-2008 CLEARWELL, Frost	30,284	-	(30,284)
	Total Principal Payments Expense	30,284	-	(30,284)
	Interest Expense			
57102	INT-CLEARWELL, Frost	362	-	(362)
	Total Interest Expense	362	-	(362)
	Total Debt Expense	30,646	-	(30,646)
	Net Change in Debt Service Budget	-	-	-

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
Net Change in Fund Balance	-	-	-



Sewer tap installation at
Crestview

Rural Water

The system purchases treated water from the GBRA Port Lavaca Water Treatment Plant and provides retail water service to residents of rural areas in Calhoun County. This division operates approximately 75 miles of pipeline for the delivery and distribution of potable drinking water, plus storage and pumping facilities. The primary areas of operation are the communities of Alamo Beach, Indianola, and Magnolia Beach in the south-central area of the county, and the Six Mile community in the county's northwestern area. Limited fire protection is provided by the presence of fire-water hydrants in select areas that are available for the use by area fire departments. All treated water meets federal and state water quality standards. In February 1999, GBRA Rural Water System began operating the Crestview wastewater plant and collection system. This collection system services a small rural subdivision.

Established in 1970 by a rural citizens group working in conjunction with GBRA, the Calhoun County Rural Water Supply Corporation evolved to meet the needs of rural residents for an adequate supply of high quality drinking water. Its development followed closely on the heels of the initial drinking water contract that GBRA wrote with the City of Port Lavaca, which allowed the construction of the GBRA Port Lavaca Water Treatment Plant in 1968-1970. A charter membership was established, and the Corporation contracted with the Calhoun County Rural Water Supply System, an operating division of GBRA, for construction and operation of the necessary facilities. The initial construction was financed by the Farmers Home Administration. All of the rural water infrastructure and related assets are the property of GBRA. The Corporation's Board of Directors works closely with the GBRA's staff and the GBRA Board of Directors to execute the ongoing mission of service to rural residents.

Customer services include water loss monitoring, leak detection and repair, water conservation education, and water quality information and testing. It also assists local governments with planning, design, acquisitions, and grant applications to help expand the system and customer base.

<ul style="list-style-type: none">• Service Provided: Water distribution• Location: Port Lavaca, TX• Startup Operation Date: April 2, 1973• Service Area: Calhoun County, TX	<ul style="list-style-type: none">• Budgeted Water Distributed: 83,000,000• # of Current Employees: 6• Budgeted Revenue: \$1,809,895
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Calhoun County Rural Water Supply Division

Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

This Work Plan and Budget describes the operations, maintenance and capital additions to be accomplished by the GBRA Calhoun County Rural Water Supply Division during FY 2023. The objectives are to operate and maintain the Rural Water Division to meet the water demand of customers with minimal service interruptions and to provide a safe supply of drinking water that meets or exceeds all state and federal water quality standards. The Division is also responsible for the operation of a small wastewater collection and treatment system located in the Crestview subdivision.

The Division is managed by the Division Manager of Calhoun/Refugio Counties. The Division will be operated and maintained by a Chief Operator, four Maintenance Operators, and a Customer Service Assistant.

REVENUE SOURCES AND TRENDS

The Rural Water Division receives revenue from three principal sources. The largest of the three sources represents retail sales for water provided to the Division's customers. The FY 2023 water sales revenue budget is estimated at \$1,809,895 based on the 1,580 customers receiving a total retail volume of treated water at their meters of 80.98 MG.

A conservation block rate was implemented during FY 2017 to help curtail excessive use of water that occurs in some limited cases. The monthly water rates that the Division charges for meters of all sizes will be based on the minimum charge of \$68.00 for the standard residential meter, with larger sizes utilizing multiples of this minimum amount. For the standard 5/8-inch residential meter, by far the most common unit in the system, the rates for FY 2023 are as follows:

Monthly Minimum	\$68.00 for 2,000 gallons
Over 2,000 gallons to 5000 gallons	\$6.05 per 1,000 gallons
Over 5001 gallons to 15,000 gallons	\$8.05 per 1,000 gallons
Over 15,001 gallons to 35,000 gallons	\$12.05 per 1,000 gallons
Over 35,000 gallons	\$14.05 per 1,000 gallons

A second source of revenue is the combined Capacity and Connection fees paid by new customers. The standard Connection fee for a residential meter is based on estimated meter installation costs, including a maximum of 200 feet of additional distribution pipeline. The standard Connection fee will remain at \$1,000 and the Capacity fee will remain at \$1,200 for FY 2023. The addition of 30 new connections is estimated during the fiscal year, totaling fee revenue of \$66,000.

GBRA's Rural Water System began operating the Crestview wastewater plant and collection system in February 1999. This small plant provides a third source of revenue for the Division. The revenue from the Crestview System is projected at \$63,500 for FY 2023 based on a monthly rate of \$75/connection.

CAPITAL ADDITIONS AND OPERATING EXPEDITURES

In addition to personnel related costs, other significant operating expenses for the upcoming fiscal year include \$13,020 for power & utilities, \$15,000 for disposal services, \$48,250 for software, data connectivity, and office expenses.

The maintenance and repair portion of the budget totals \$338,850 and includes funds for water lines, meters, meter boxes, pumps and motors, including \$230,000 to upsize and loop water mains.

Interdivision water purchases for FY 2023 are budgeted at \$394,453. This amount is a sum of the charges for raw water purchased from Canyon Lake and the transportation to the GBRA Port Lavaca Water Treatment Plant.

To serve customers north of the water treatment plant, the Division uses water lines owned and maintained by the City of Port Lavaca. The City charges the Division \$1.00 per 1,000 gallons for this service for a total estimated cost of \$49,000 for FY 2023.

FUND BALANCE

Funding of capital additions and operating expenditures as summarized in the following pages is normally provided by revenues from retail customer billings, as well as tap and membership fees. The fund balance after accounting for all budgeted sources of funds from customers and all uses of those funds for FY 2023 will be \$140,175.



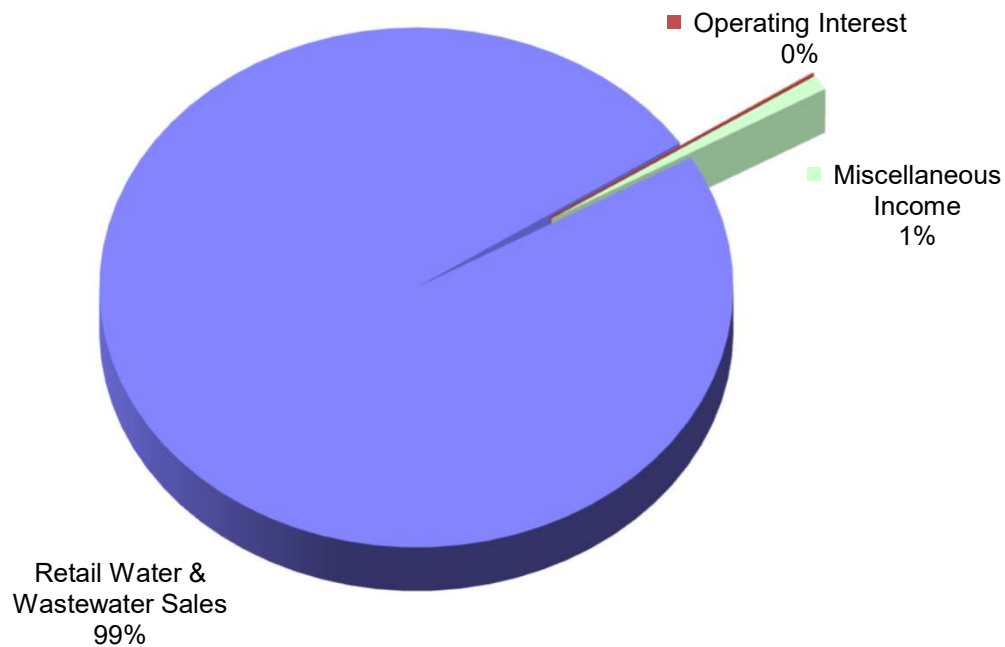
Rural Water Distribution	# of Authorized Positions (FTE)		
	2021	2022	2023
Chief Operator	1	1	1
Maintenance Operator	3	4	4
Customer Service Assistant	1	1	1
Total	5	6	6

No staffing changes for this division.



Budget Summary

REVENUES - RURAL WATER

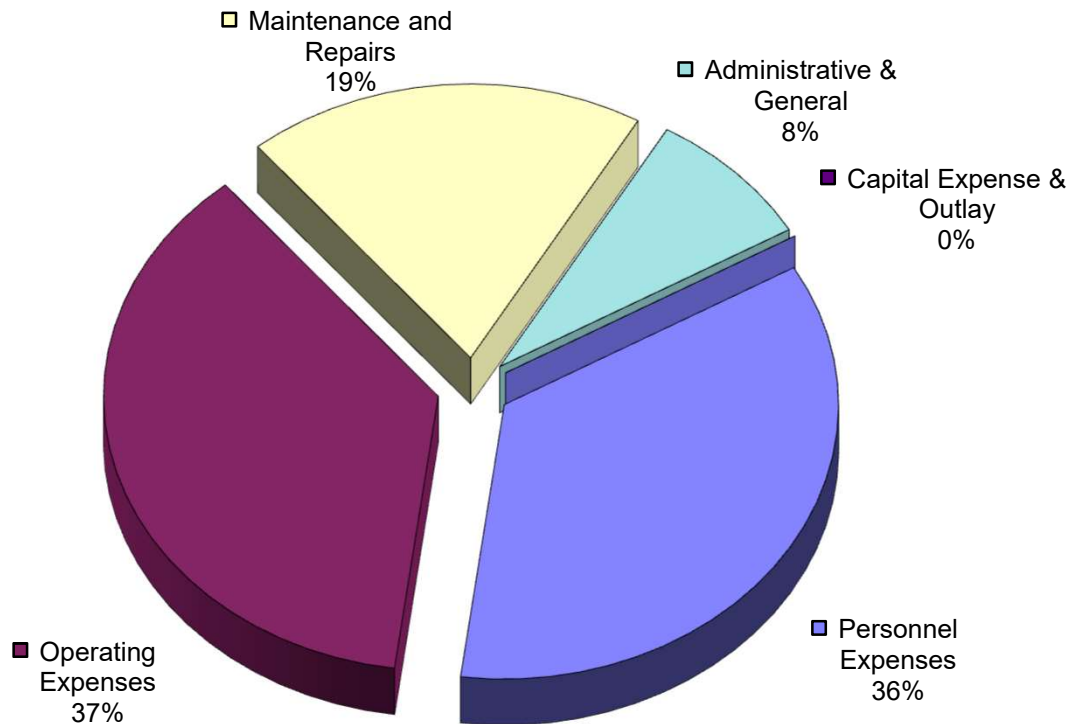


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	1,643,339	1,841,256	1,873,395
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest	3,582	550	2,000
Grant & Interlocal Agreement Income			
Miscellaneous Income	25,837	18,000	18,000
Total Operating Revenue	1,672,758	1,859,806	1,893,395
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	1,672,758	1,859,806	1,893,395



Budget Summary

EXPENSES - RURAL WATER



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	599,439	647,970	620,971
Operating Expenses	550,809	637,473	647,549
Maintenance and Repairs	68,315	331,060	338,850
Administrative & General	139,575	152,192	145,850
Capital Expense & Outlay	110,170	10,000	
Transfers			
Total Operating and M&R Expenses	1,468,308	1,778,695	1,753,220
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	1,468,308	1,778,695	1,753,220

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**070 - Rural Water
Department ***

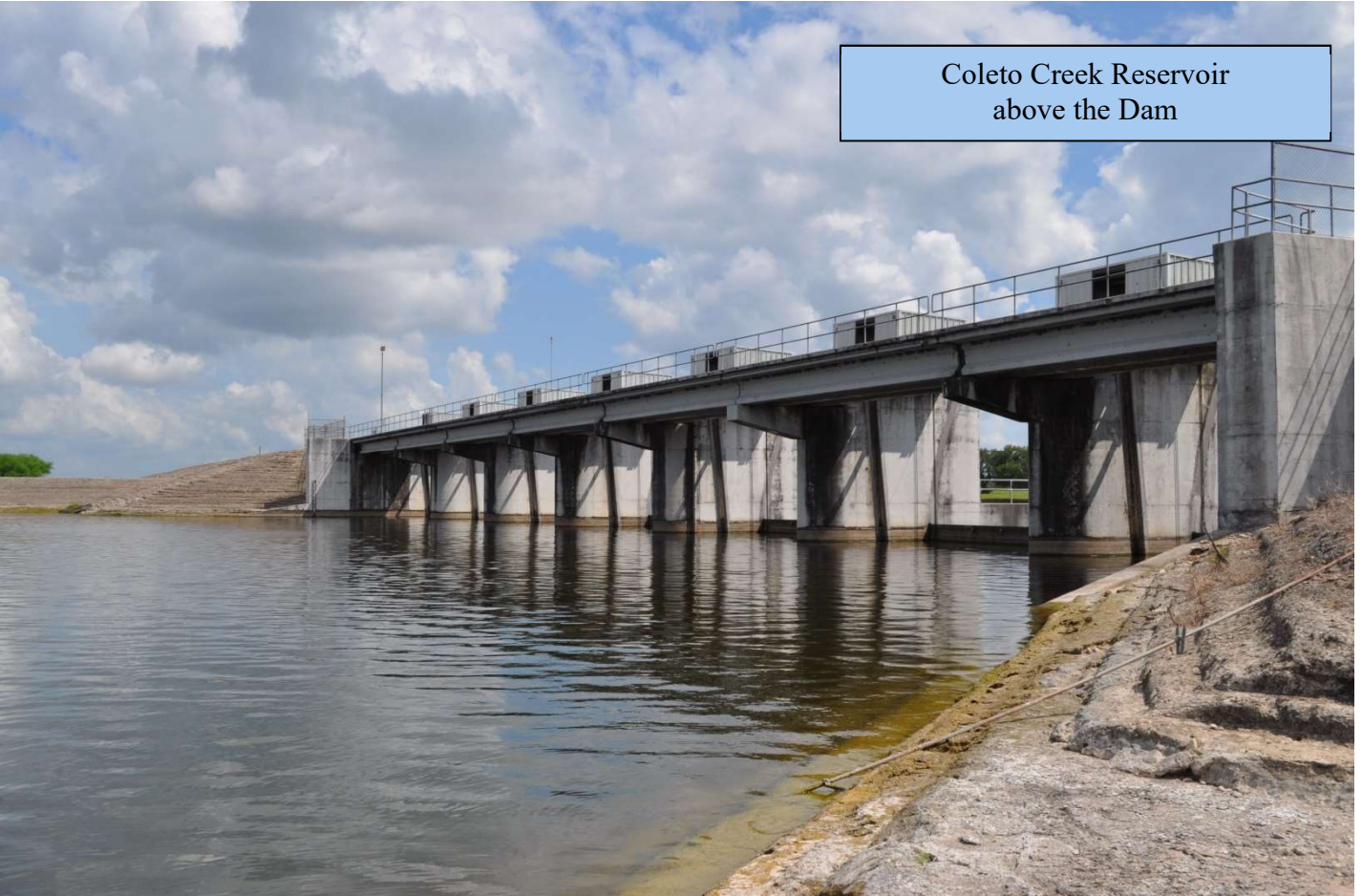
		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Water Sales				
42301	WATER SALES	1,711,756	1,743,895	32,139
42310	WATER CONNECTION FEES	30,000	30,000	-
42320	WATER CAPITAL CONTRIBUTION FEES	36,000	36,000	-
	Total Retail Water Sales	1,777,756	1,809,895	32,139
Retail Wastewater				
42401	WASTEWATER SERVICES	58,500	58,500	-
42402	SEWER CONNECTION/INSP FEES	5,000	5,000	-
	Total Retail Wastewater	63,500	63,500	-
Operating Interest				
44110	INT-OPR INVESTMENT FUNDS	550	2,000	1,450
	Total Operating Interest	550	2,000	1,450
Misc Income				
45195	MISCELLANEOUS REVENUES	18,000	18,000	-
	Total Misc Income	18,000	18,000	-
	Total Operating Revenue	1,859,806	1,893,395	33,589
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	437,699	417,112	(20,587)
51102	LBR-OVERTIME	23,489	24,860	1,371
	Total Salaries	461,188	441,972	(19,216)
Benefits				
51298	BEN-BENEFIT ALLOCATION	186,782	178,999	(7,783)
	Total Benefits	186,782	178,999	(7,783)
Operating Supplies & Services				

		FY 2022	FY 2023	FY 2023-2022
		BUDGET	BUDGET	DIFFERENCE
52101	OPR-POWER & UTILITIES	10,500	13,020	2,520
52103	OPR-CHEMICALS	3,400	6,800	3,400
52110	OPR-SMALL TOOLS AND SUPPLIES	4,000	6,200	2,200
52113	OPR-LAB SUPPLIES	10,600	10,600	-
52114	OPR-LABORATORY SERVICES-GBRA	1,200	1,200	-
52115	OPR-LABORATORY SERVICES-OUTSOURCED	9,500	10,500	1,000
52118	OPR-DISPOSAL SERVICES	13,000	15,000	2,000
52120	OPR-UNIFORMS	3,600	3,600	-
52121	OPR-SAFTY & EMERGENCY EXPENSE	3,000	3,500	500
52122	OPR-SECURITY EXPENSE	2,760	2,760	-
52124	OPR-EQUIPMENT EXPENSE	5,400	6,500	1,100
52125	OPR-VEHICLE EXPENSE	8,500	9,800	1,300
52126	OPR-FLEET LEASE EXPENSE	7,200	6,296	(904)
52133	OPR-SCADA	1,550	1,550	-
52145	OPR-CONTRACT LABOR	1,200	1,200	-
52150	OPR-WATER PURCHASES/DELIVERY	372,287	394,453	22,166
52155	OPR-TRANSMISSION CHARGES	45,000	49,000	4,000
	Total Operating Supplies & Services	502,697	541,979	39,282
	Professional Services and Fees			
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	20,000	-	(20,000)
52205	OPR-PROFESSIONAL SERVICES-OTHER	15,000	-	(15,000)
52216	OPR-REGULATORY FEES	7,600	10,600	3,000
52217	OPR-INSPECTION FEES	3,000	-	(3,000)
52220	OPR-BANK FEES	-	820	820
52222	OPR-MEMBERSHIPS & PUBLICATIONS	1,200	1,200	-
52223	OPR-LICENSE & TRAINING	4,800	4,800	-
52224	OPR-TRAVEL & MEETINGS	2,400	3,500	1,100
	Total Professional Services and Fees	54,000	20,920	(33,080)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	10,000	10,000	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	13,850	14,850	1,000
52305	OPR-POSTAGE AND FREIGHT EXPENSE	8,500	8,500	-
52306	OPR-COMMUNICATIONS	12,100	14,900	2,800
52322	OPR-MEDIA EXPENSE	3,600	-	(3,600)
	Total Office Expenses	48,050	48,250	200
	Other Operating Expenses			
52403	OPR-OFFICE/BUILDING RENTAL	4,272	-	(4,272)
52404	OPR-RIGHT OF WAY	10,135	14,000	3,865
52420	OPR-INSURANCE EXPENSE	15,519	19,600	4,081
52430	OPR-MISC EXPENSE	2,800	2,800	-
	Total Other Operating Expenses	32,726	36,400	3,674

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
	SUBTOTAL OF OPERATIONAL EXPENSES	1,285,443	1,268,520	(16,923)
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	7,200	7,200	-
53115	M&R-METERS	37,500	37,500	-
	Total Maintenance and Repair Equipment	44,700	44,700	-
	Structures			
53201	M&R-BUILDING	4,400	5,600	1,200
53205	M&R-PUMPS AND MOTORS	4,000	9,600	5,600
53216	M&R-PUMPSTATIONS	13,600	13,600	-
53230	M&R-PIPELINES	230,000	230,000	-
53235	M&R-TRANSMISSION LINES	24,000	24,000	-
	Total Structures	276,000	282,800	6,800
	Other Maintenance & Repairs			
53301	M&R-ROADS	100	1,000	900
53310	M&R-GROUNDS/ROW	260	350	90
53399	M&R-MISC EXPENSE	10,000	10,000	-
	Total Other Maintenance & Repairs	10,360	11,350	990
	SUBTOTAL OF M&R EXPENSES	331,060	338,850	7,790
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	152,192	145,850	(6,342)
	Total Administrative & General	152,192	145,850	(6,342)
	Capital Outlay			
13216	COMMUNICATION EQUIPMENT	10,000	-	(10,000)
	Total Capital Outlay	10,000	-	(10,000)
	TOTAL OPERATING AND M&R EXPENSES	1,778,695	1,753,220	(25,475)
	Net Operating Income	81,111	140,175	59,064
	Net Change in Fund Balance	81,111	140,175	59,064



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Coleta Creek Reservoir
above the Dam

Coleta Creek Reservoir

The Coleta Creek Park and Reservoir, located midway between Victoria and Goliad, is a joint project between Dynegy and the GBRA. At normal pool elevation it covers 3,100 surface acres with 61 miles of shoreline. The main purpose of the reservoir is to serve as a cooling pond for the Coleta Creek Power coal fired power plant. The reservoir is fed through four major creeks from a 507 square mile drainage basin. The average depth is eleven feet and the reservoir is maintained at a constant level except during drought conditions.

The reservoir system is monitored for shoreline pollution, and division staff educates the public on prevention techniques. The division also participates in an aquatic plant management program to control noxious aquatic vegetation.

-
- | | |
|---------------------------------------|-------------------------------|
| • Service Provided: Cooling reservoir | • Capacity: 35,084 acre feet |
| • Location: Fannin, TX | • # of Current Employees: 6 |
| • Startup Operation Date: 1981 | • Budgeted Revenue: \$911,585 |
| • Customer: Vistra Energy | |

Coletto Creek Division

Coletto Creek Reservoir System

Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

The Coletto Creek Division is comprised of two operating systems, the Reservoir System and the Recreation System. The Reservoir System is responsible for the operation and maintenance of the Coletto Creek Reservoir under a previous contractual agreement between the Guadalupe-Blanco River Authority and Central Power & Light Company. The primary purpose of the reservoir is to dissipate waste heat generated during the production of electricity at the Coletto Creek Power Station, a coal-fired steam electric generating plant. The reservoir also provides water for cooling the power station's condensers and supplying other plant needs.

Vistra Energy, an integrated power company based in Irving, Texas completed the purchase of Dynegy in March 2018. The power plant will continue to operate under the existing company name of Coletto Creek Power, L.P.

The following reservoir system work plan and budget describes the operations, maintenance, and capital additions to be performed during Fiscal Year 2023. The objectives of the work plan are to operate and maintain all reservoir-related facilities, to maintain an adequate supply of water of sufficient quality to meet power station requirements, insure compliance with all state and federal water quality requirements, and maintain an ongoing flood release and dam safety program to better assure the protection of the general public and property owners downstream of the reservoir. Consistent with these objectives, employee training will be conducted to enhance current operations and increase technical competence.

The Reservoir System is responsible for the operation and maintenance of the main dam and spillway, two baffle dikes, discharge flume, pump station and pipeline, and the Reservoir's monitoring system.

The Reservoir System will be supervised by the Reservoir Manager and operated by three full-time Maintenance Crewmen and one electrician as needed. In addition, Rangers assigned to the Recreation System will assist with regular reservoir operations. Clerical duties will be performed by a Senior Administrative Assistant assigned to the Reservoir System and one Administrative Assistant assigned to the Recreation System.

REVENUE SOURCES AND TRENDS

In 1975, Central Power and Light Company (CP&L) contracted with GBRA for the construction and operation of a 3,100 surface-acre cooling reservoir. This contractual arrangement provides that GBRA does not over-recover nor under-recover the costs of operating the reservoir.

The budget is based on the same reservoir-operating philosophy that has existed in the past. The only differences that exist from year to year are non-recurring maintenance projects and the need to operate river diversion pumps during drought conditions. These differences, when they occur, affect the revenue of the Coletto Creek Reservoir System since the Coletto Creek Power Station agrees to reimburse GBRA for all costs of operation.

The total revenue budgeted to be received next year is \$911,585 compared to budgeted revenue of \$935,319 for FY 2022.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Significant operating expenses for the ensuing Fiscal Year include \$21,200 for stream gaging expenses. These costs are associated with the cooperative agreement with the United States Geological Survey, which provides five streamflow and lake level monitoring sites on the reservoir. Additionally, \$12,000 is budgeted for pump station power pertaining to the operation of the Guadalupe River diversion pump station. The pumps supply makeup water from the Guadalupe River to the reservoir via a five-mile long pipeline during drought conditions. A total of \$27,500 is budgeted under professional fees including \$25,000 for the evaluation to repair or replace the Main Spillway Sluice Gate.

Significant maintenance and repair expenses for the ensuing fiscal year include \$23,000 for the annual installation of stop logs in front of two of the seven spillgates that makeup the main spillway for inspection of the skin plate, cathodic protection system, and replacement of hoist connecting U-bolts. Additionally, \$35,000 is budgeted for repair of the Headquarters entrance roads.

The total operating and maintenance expenditures budgeted are \$911,585.

FUND BALANCE

Funds for the above listed capital additions and operating expenditures as well as all of the other operating expenditures that are summarized in the following pages will be provided from revenues from the Coletto Creek Power Station. Since this division represents a contract operation in which GBRA does not over-recover nor under-recover its costs, the net change in fund balance for FY 2023 amounts to \$0.



Staffing Summary

Coletto Creek Reservoir	# of Authorized Positions (FTE)		
	2021	2022	2023
Reservoir Manager	1	1	1
Electrical/Instrumentation Technician	1	1	1
Administrative Assistant, Senior	1	1	1
Maintenance Crew	3	3	3
Total	6	6	6

Changes from FY 2021 to FY 2022

No staffing changes for this division.

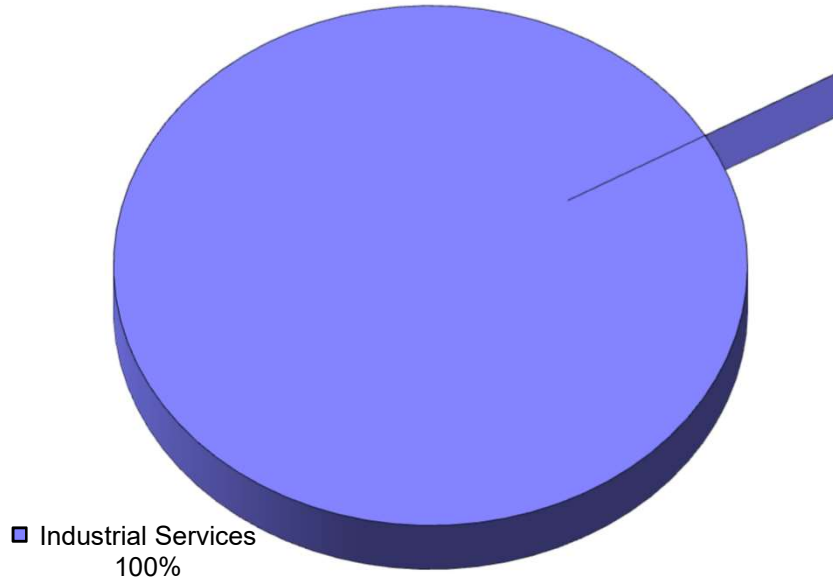
Changes from FY 2022 to FY 2023

No staffing changes for this division.



Budget Summary

REVENUES - COLETO RESERVOIR

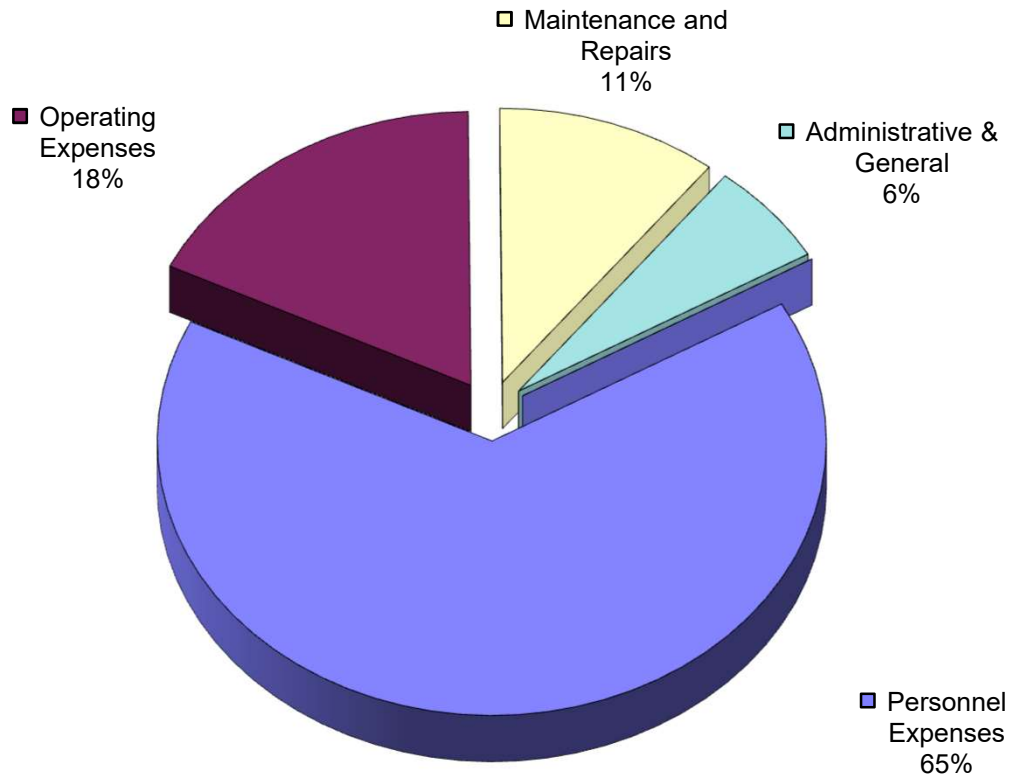


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services	1,086,049	935,319	911,585
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	1,086,049	935,319	911,585
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	1,086,049	935,319	911,585



Budget Summary

EXPENSES - COLETO RESERVOIR



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	573,320	655,175	597,150
Operating Expenses	393,260	148,725	161,275
Maintenance and Repairs	66,400	73,050	97,950
Administrative & General	53,069	58,369	55,210
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	1,086,049	935,319	911,585
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	1,086,049	935,319	911,585

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**091 - Coletto Creek Reservoir
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Industrial				
41401	COLETO CREEK POWER-O&M EXP	876,950	856,375	(20,575)
41402	COLETO CREEK POWER-A&G EXP	58,369	55,210	(3,159)
	Total Industrial	935,319	911,585	(23,734)
	Total Operating Revenue	935,319	911,585	(23,734)
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	451,125	415,423	(35,702)
51102	LBR-OVERTIME	15,192	9,595	(5,597)
	Total Salaries	466,317	425,018	(41,299)
Benefits				
51298	BEN-BENEFIT ALLOCATION	188,858	172,132	(16,726)
	Total Benefits	188,858	172,132	(16,726)
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	19,000	19,000	-
52102	OPR-AUXILIARY POWER EXPENSE	11,000	11,000	-
52110	OPR-SMALL TOOLS AND SUPPLIES	3,800	3,800	-
52114	OPR-LABORATORY SERVICES-GBRA	250	250	-
52115	OPR-LABORATORY SERVICES-OUTSOURCED	250	250	-
52120	OPR-UNIFORMS	4,600	5,000	400
52121	OPR-SAFTY & EMERGENCY EXPENSE	3,700	3,700	-
52122	OPR-SECURITY EXPENSE	2,400	2,500	100
52124	OPR-EQUIPMENT EXPENSE	5,000	5,000	-
52125	OPR-VEHICLE EXPENSE	20,000	20,000	-
	Total Operating Supplies & Services	70,000	70,500	500
Professional Services and Fees				
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	17,500	27,500	10,000
52211	OPR-USGS MONITORING	20,209	21,200	991

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52222	OPR-MEMBERSHIPS & PUBLICATIONS	1,600	1,600	-
52223	OPR-LICENSE & TRAINING	3,000	3,000	-
52224	OPR-TRAVEL & MEETINGS	3,500	3,500	-
	Total Professional Services and Fees	45,809	56,800	10,991
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	3,200	3,200	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	3,700	5,775	2,075
52304	OPR-COPY SUPPLIES AND SERVICES	1,600	1,600	-
52306	OPR-COMMUNICATIONS	7,500	7,500	-
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	2,400	3,000	600
	Total Office Expenses	18,400	21,075	2,675
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	12,516	10,900	(1,616)
52430	OPR-MISC EXPENSE	2,000	2,000	-
	Total Other Operating Expenses	14,516	12,900	(1,616)
	SUBTOTAL OF OPERATIONAL EXPENSES	803,900	758,425	(45,475)
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	8,500	8,500	-
53110	M&R-CONTROL SYSTEMS	6,000	6,000	-
53115	M&R-METERS	2,400	2,400	-
53120	M&R-BOATS	600	1,000	400
	Total Maintenance and Repair Equipment	17,500	17,900	400
	Structures			
53201	M&R-BUILDING	1,800	1,800	-
53205	M&R-PUMPS AND MOTORS	1,000	1,000	-
53230	M&R-PIPELINES	10,000	2,500	(7,500)
53240	M&R-SPILLGATES	21,000	27,000	6,000
	Total Structures	33,800	32,300	(1,500)
	Other Maintenance & Repairs			
53301	M&R-ROADS	9,000	35,000	26,000
53310	M&R-GROUNDS/ROW	12,500	12,500	-
53399	M&R-MISC EXPENSE	250	250	-
	Total Other Maintenance & Repairs	21,750	47,750	26,000
	SUBTOTAL OF M&R EXPENSES	73,050	97,950	24,900
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	58,369	55,210	(3,159)
	Total Administrative & General	58,369	55,210	(3,159)

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
TOTAL OPERATING AND M&R EXPENSES	<u>935,319</u>	<u>911,585</u>	<u>(23,734)</u>
Net Operating Income	<u>-</u>	<u>-</u>	<u>-</u>
Net Change in Fund Balance	<u>-</u>	<u>-</u>	<u>-</u>



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Coleto Creek Recreation

The Park currently has:

- Twenty-two multi-use campsites (water, 20/30 amp electric hookups, BBQ grill, and picnic table)
- Forty-one multi-use campsites (water, 20/30/50 amp electric hookups, BBQ grill and picnic table)
- Six multi-use pull through campsites (20/30/50 amp service, water, BBQ grill, table)
- Four rental travel trailers
- Four camping cabins
- Picnic area with 70 picnic tables with BBQ grills, marked swimming area, playground, and sand volleyball courts.
- Four lane boat ramp, that provides the only public access to the reservoir.
- Two group pavilions for family reunions, company picnics, class reunions, etc. with their own volleyball court, horseshoe pit, marked swimming area, BBQ pit, water, and electricity.
- Two hundred foot lighted fishing pier.
- A 1 1/2 mile long hiking and nature trail.
- Restroom facilities.

Coletto Creek Division

Coletto Creek Recreation System

Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

The Coletto Creek Division is comprised of two operating entities, the Recreation System and the Reservoir System. The Recreation System is responsible for the operation and maintenance of the Coletto Creek Park located adjacent to the Coletto Creek Reservoir. The park provides outdoor public recreation activities for Victoria and the surrounding region as well as the major metropolitan cities of Houston, San Antonio, Austin and Corpus Christi. The park also serves as a destination site for Winter Texans. Further, the Recreation System administers an adjacent landowner leaseback program and resource management projects on properties surrounding the reservoir.

The following work plan and budget describes the operations, maintenance and capital additions to be performed during the 2023 fiscal year by the Recreation System. The objectives of the work plan are to operate and maintain the Coletto Creek Park at a level that is family friendly, aesthetically pleasing, and better assures the safety and protection of all park users. Continued emphasis will be placed on land and water resource management programs to ensure protection of these resources. With the current trend of employee turnover due to retirements of experienced rangers, focus will be on training to enhance current operations and increase technical competence of the new rangers. Coletto Creek employees also assist with tourism and economic development activities throughout the Guadalupe River Basin.

The Recreation System is responsible for the operation and maintenance of 78 developed campsites, 4 rental cabins, campground comfort stations, day use picnic facilities and restrooms, 4-lane boat ramp, 200-foot lighted fishing pier, and utilities including a potable drinking water system, sanitary sewer and electrical systems. The Recreation System also administers a leaseback program involving approximately 200 tracts of land surrounding the Reservoir. Funds for the operation of recreation facilities are generated by entrance and user fees, hunting revenues, leaseback revenues, event sponsorships, and recreation grants.

The Recreation System will be managed by the Reservoir Manager and operated by a Chief Ranger, five full-time Rangers, and Park Hosts. In addition to their recreation duties, the Rangers assist the Reservoir System with reservoir operations. Clerical and fee collection duties will be performed by an Administrative Assistant.

REVENUE SOURCES AND TRENDS

Entrance and user fees, hunting revenues, leaseback revenues, grants/donations/sponsorships, and miscellaneous revenues to the Recreation System generate funds for the operation of the Coletto Creek Park. These amounts are estimated to produce revenues of \$963,900. The proposed fee schedule for FY 2023 is included in the "Rates and Rate Structure" table of the Introduction Section of this Work Plan and Budget.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Significant operating expenses for the ensuing fiscal year include \$48,000 for power and utilities, \$11,000 for vehicle expense, \$15,000 for bank fees due to park patrons using credit and debit cards, \$37,825 for office supplies, computer and software expenses, data connectivity, janitorial supplies and services, and \$13,200 for insurance expense.

Significant maintenance and repair expenses for the ensuing fiscal year includes \$63,500 for campground road maintenance and paving, \$19,000 for camp and picnic site which includes base for RV sites, new picnic table slabs, and material for additional day use parking.

Capital expenses budgeted for FY 2023 include \$100,000 for septic system installation, \$12,000 for a laundry building and \$15,000 for a purchase of a Golf Cart to be utilized in the park.

FUND BALANCE

Funds for the above listed work authorizations, equipment purchase, and operating expenditures that are summarized in the following pages will be provided from the revenue sources discussed above.



Staffing Summary

Coleto Creek Recreation	# of Authorized Positions (FTE)		
	2021	2022	2023
Chief Ranger	1	1	1
Reservoir Ranger	5	5	5
Administrative Assistant	1	1	1
Total	7	7	7

Changes from FY 2021 to FY 2022

No staffing changes for this division.

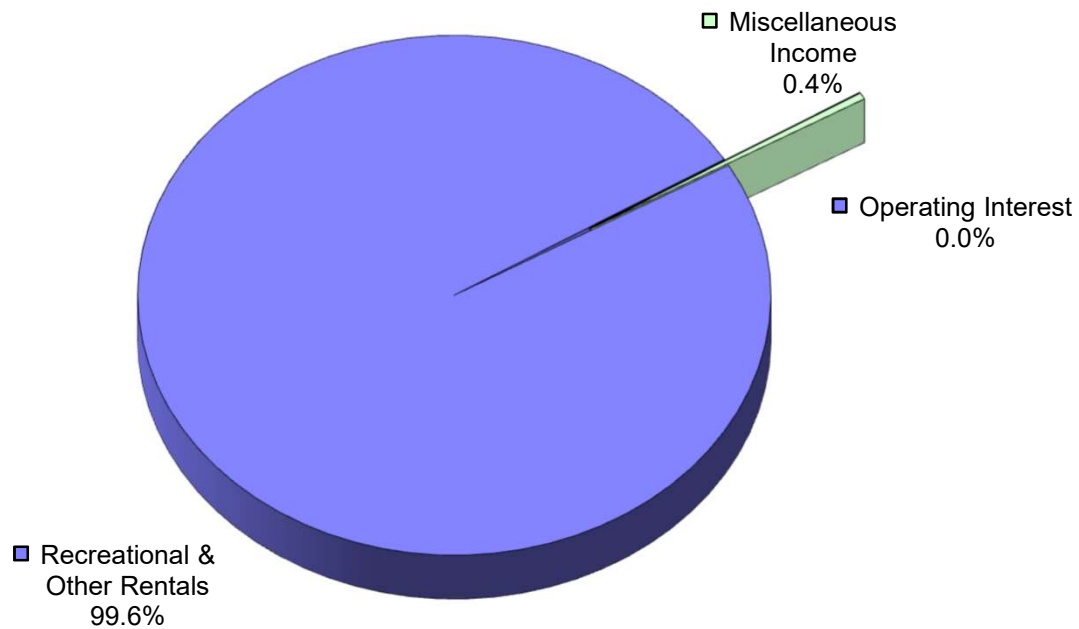
Changes from FY 2022 to FY 2023

No staffing changes for this division.



Budget Summary

REVENUES - COLETO RECREATION

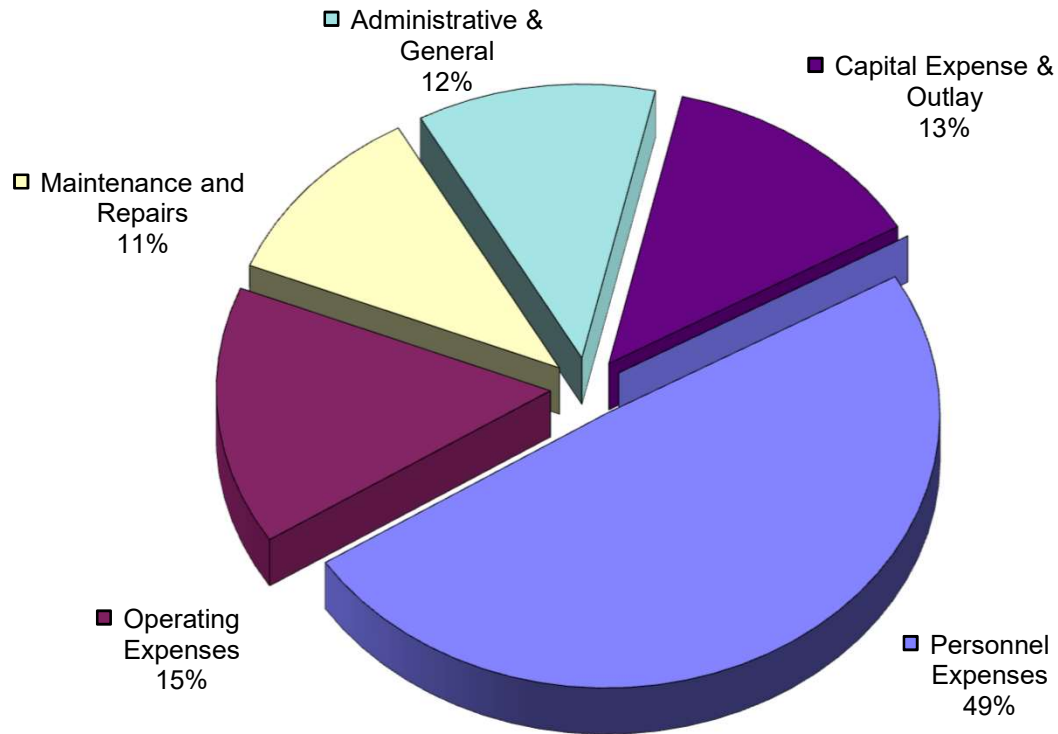


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals	921,588	985,450	963,900
Administrative & General			
Operating Interest	165		
Grant & Interlocal Agreement Income			
Miscellaneous Income	6,837	4,500	4,000
Total Operating Revenue	928,590	989,950	967,900
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	928,590	989,950	967,900



Budget Summary

EXPENSES - COLETO RECREATION



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	452,737	479,594	476,019
Operating Expenses	148,344	148,479	147,425
Maintenance and Repairs	38,131	102,200	105,200
Administrative & General	107,360	112,645	111,805
Capital Expense & Outlay	89,127	140,000	127,000
Transfers			
Total Operating and M&R Expenses	835,699	982,918	967,449
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	835,699	982,918	967,449

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**092 - Coleta Creek Recreation
Department ***

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Recreation & Other Rentals			
42902 REV-PARK ENTRY FEES	872,450	837,550	(34,900)
42915 REV-SPONSORSHIPS	3,000	8,000	5,000
42920 REV-HUNTING REVENUE	18,000	20,350	2,350
42922 REV-AG & LAND USE	92,000	98,000	6,000
Total Recreation & Other Rentals	985,450	963,900	(21,550)
Misc Income			
45195 MISCELLANEOUS REVENUES	4,500	4,000	(500)
Total Misc Income	4,500	4,000	(500)
Total Operating Revenue	989,950	967,900	(22,050)
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	316,777	324,935	8,158
51102 LBR-OVERTIME	24,571	13,869	(10,702)
Total Salaries	341,348	338,804	(2,544)
Benefits			
51298 BEN-BENEFIT ALLOCATION	138,246	137,215	(1,031)
Total Benefits	138,246	137,215	(1,031)
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	46,000	48,000	2,000
52114 OPR-LABORATORY SERVICES-GBRA	500	500	-
52115 OPR-LABORATORY SERVICES-OUTSOURCED	250	250	-
52120 OPR-UNIFORMS	1,200	1,850	650
52121 OPR-SAFETY & EMERGENCY EXPENSE	3,300	3,300	-
52124 OPR-EQUIPMENT EXPENSE	5,000	5,000	-
52125 OPR-VEHICLE EXPENSE	11,000	11,000	-
Total Operating Supplies & Services	67,250	69,900	2,650

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
Professional Services and Fees				
52220	OPR-BANK FEES	21,000	15,000	(6,000)
52222	OPR-MEMBERSHIPS & PUBLICATIONS	2,000	2,000	-
52223	OPR-LICENSE & TRAINING	2,000	2,000	-
52224	OPR-TRAVEL & MEETINGS	2,000	2,000	-
	Total Professional Services and Fees	27,000	21,000	(6,000)
Office Expenses				
52301	OPR-OFFICE SUPPLIES	5,880	5,000	(880)
52302	OPR-COMPUTER & SOFTWARE EXPENSE	3,800	6,425	2,625
52306	OPR-COMMUNICATIONS	9,000	9,000	-
52322	OPR-MEDIA EXPENSE	4,000	4,000	-
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	13,200	13,400	200
	Total Office Expenses	35,880	37,825	1,945
Other Operating Expenses				
52420	OPR-INSURANCE EXPENSE	12,949	13,200	251
52430	OPR-MISC EXPENSE	5,400	5,500	100
	Total Other Operating Expenses	18,349	18,700	351
	SUBTOTAL OF OPERATIONAL EXPENSES	628,073	623,444	(4,629)
Structures				
53201	M&R-BUILDING	4,000	4,000	-
53250	M&R-LAKE STRUCTURES	3,000	3,000	-
53251	M&R-PARK STRUCTURES	11,700	11,700	-
	Total Structures	18,700	18,700	-
Other Maintenance & Repairs				
53301	M&R-ROADS	23,500	63,500	40,000
53310	M&R-GROUNDS/ROW	4,000	4,000	-
53315	M&R-CAMP AND PICNIC SITES	56,000	19,000	(37,000)
	Total Other Maintenance & Repairs	83,500	86,500	3,000
	SUBTOTAL OF M&R EXPENSES	102,200	105,200	3,000
Administrative & General				
54100	ADMINISTRATIVE & GENERAL	112,645	111,805	(840)
	Total Administrative & General	112,645	111,805	(840)
Capital Outlay				
13201	STRUCTURES & IMPROVEMENTS	130,000	112,000	(18,000)
13219	MISCELLANEOUS EQUIPMENT	10,000	15,000	5,000
	Total Capital Outlay	140,000	127,000	(13,000)

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
TOTAL OPERATING AND M&R EXPENSES	<u>982,918</u>	<u>967,449</u>	<u>(15,469)</u>
Net Operating Income	<u>7,032</u>	<u>451</u>	<u>(6,581)</u>
Net Change in Fund Balance	<u>7,032</u>	<u>451</u>	<u>(6,581)</u>

Coleto Creek Recreation - Capital Outlay Expense

Description	FY 2023
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Capital Outlay Funded From Current Revenues

Laundry Building	\$	12,000
Golf Cart	\$	15,000
Septic System Installation	\$	100,000
Total Coleto Creek Recreation Capital Outlay Expense		\$ 127,000



Luling WTP

Under water rights permits issued by the State of Texas, the GBRA Luling Water Treatment Plant is capable of diverting up to 4,422 acre-feet of water annually from the San Marcos River near Luling, providing a reliable source of high quality drinking water to the City of Luling and to the City of Lockhart.

With a peak rate treatment capacity of 2.5 million gallons per day, division staff utilizes technology and equipment to achieve efficient and cost-effective plant operations. The plant is manned around the clock to ensure that treated water meets all required standards for public water facilities. This plant is a past winner of the U.S. Environmental Protection Agency Region 6 "Environmental Excellence Award for Public Water Supply".

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- | | |
|--|---|
| <ul style="list-style-type: none">• Service Provided: Water treatment• Location: Luling, TX• Startup Operation Date: 1978• Customer: Cities of Luling & Lockhart• Service Population: 16,695• Capacity: 2.5 MGD | <ul style="list-style-type: none">• # of Current Employees: 6• Budgeted Revenue: \$1,653,800 |
|--|---|

Luling Water Treatment Plant Division

Operating Plan for Fiscal Year ending 8/31/23

BACKGROUND

The City of Luling contracted with GBRA in 1975 for the construction and operation of a surface water treatment plant. The plant came on line and started delivering drinking water from the San Marcos River in 1978. In fiscal year 2005, the Luling Water Treatment Plant Division started delivering treated water to the City of Lockhart by using plant capacity in the Luling Water Treatment Plant that was currently not utilized by the City of Luling. The original contract signed in 1975 expired November 2015 and a new water supply agreement contract was signed on December 8th 2016. This contract provides that GBRA bill the City for the actual costs of operating the plant and that GBRA does not over-recover nor under-recover those operating costs.

Currently a Chief Operator and five operators work as a team to staff the plant. Serving as facilitator to the team will be the Division Manager - Hays/Caldwell Counties. Additional support is received from the Seguin office in the form of engineering, electrical, and administrative functions.

In order to meet public service needs through motivated employees, provide advanced training, and maintain and upgrade occupational licenses, personnel will attend courses provided by various approved sources such as Texas Engineering Extension Service and Texas Water Utility Association. Plant personnel will also conduct in-house training in team building skills, confined space rescue, hazard communication, electrical safety and maintenance, first aid, and CPR. Other training will include computer software and personal development seminars.

REVENUE SOURCES AND TRENDS

This work plan and budget describes the operations and maintenance of the Luling Water Treatment Plant Division to be performed during the 2023 Fiscal Year based on an estimated 660.034 MG of water being treated at the plant with 254.679 MG allocated to the City of Luling and 405.355 MG to the City of Lockhart.

The total operating revenue budgeted to be received during FY 2023 is \$1,653,800 compared to budgeted revenue of \$1,498,973 for FY 2022. This 9.6% increase in revenue reflects a corresponding increase in total operating expenditures as explained below.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Significant operating expenses for the ensuing fiscal year include \$67,256 for power and utilities at the Water Treatment Plant, \$42,889 for power and utilities at the Luling High Service Pump Station, \$78,807 for power costs to operate the treated water line to Lockhart, \$52,892 for chlorine used in the disinfection process, and \$102,441 for ferric chloride used in the coagulation process, \$40,153 for ammonia. Another significant operating expenditure is the \$22,760 for laboratory expenses to include in-house lab expenses, outside lab testing fees and expenses and testing fees performed by the Texas Commission on Environmental Quality (TCEQ).

The maintenance and repair budget includes costs to ensure the reliability of pumps, motors, gates and valves. Within the current budget is to replace raw water intake valve for \$18,000, filter media replacement for \$12,200, clarifier rehab for \$24,000, and sludge disposal for \$18,000.

Capital additions for FY 2023 include a new truck with a 3 ton auto crane for \$55,000.

The total expenditure budget, exclusive of debt service payments, for FY 2023 amounts to \$1,650,425.

FUND BALANCE

Funds for the above listed maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided from revenues from the City of Luling and the City of Lockhart. This division generally represents a contract operation in which GBRA does not over or under recover its costs; therefore, the operating revenues collected cover the operating costs leaving a balance of projected interest earnings of \$3,375 and a debt coverage factor of \$40,653 from the bonds used to finance the Luling-to-Lockhart pipeline, which is transferred to restricted bond funds. As a result, the total fund balance for FY 2023 is \$3,375.



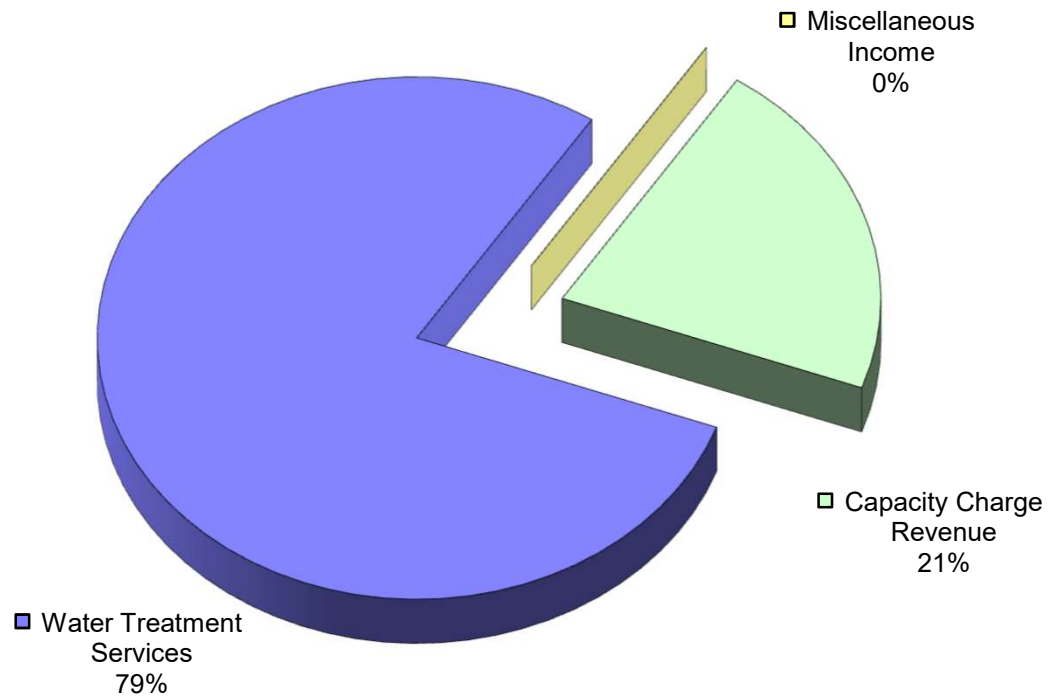
Luling WTP	# of Authorized Positions (FTE)		
	2021	2022	2023
Chief Operator	1	1	1
Operators	4	5	5
Total	5	6	6

No staffing changes for this division.



Budget Summary

REVENUES - LULING WTP

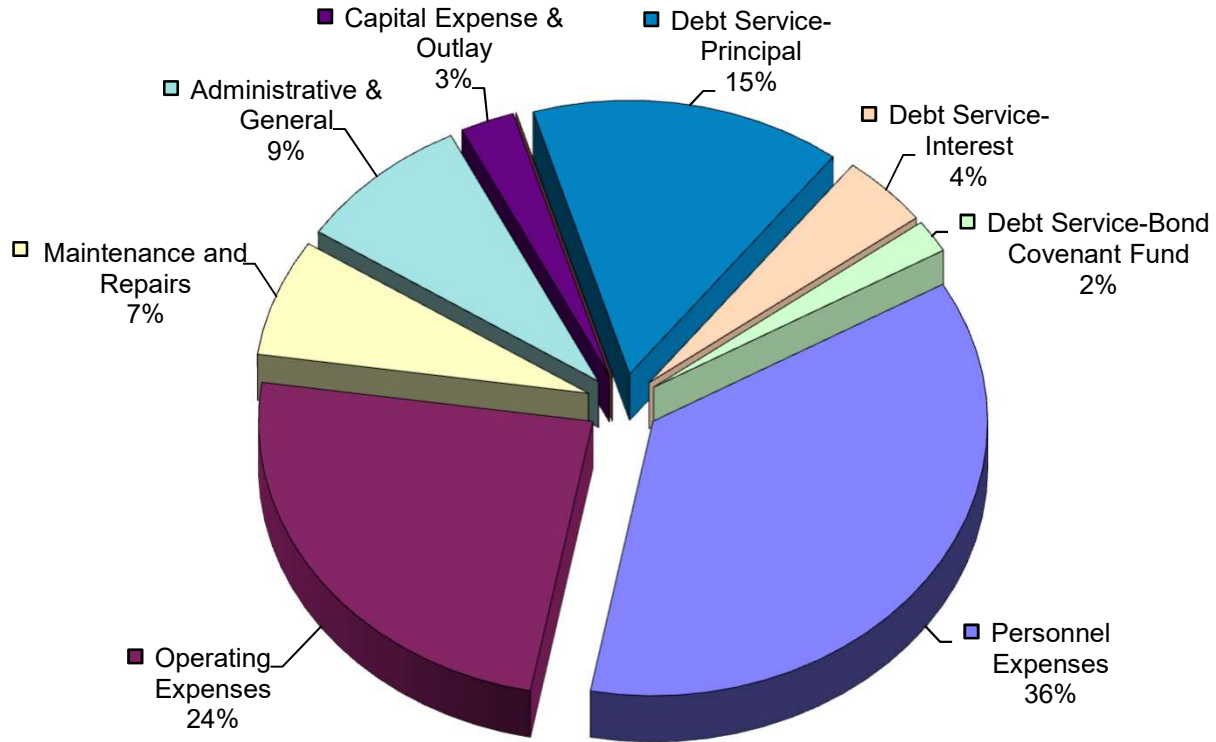


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services	1,195,933	1,496,823	1,650,425
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest	5,075	2,150	3,375
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	1,201,008	1,498,973	1,653,800
Capacity Charge Revenue	448,032	447,800	447,193
I/F Loan Repayments from Operations			
Grand Total Revenues	1,649,040	1,946,773	2,100,993



Budget Summary

EXPENSES - LULING WTP



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	593,232	729,049	762,026
Operating Expenses	374,976	416,226	509,388
Maintenance and Repairs	83,887	180,312	145,030
Administrative & General	139,595	171,236	178,981
Capital Expense & Outlay			55,000
Transfers			
Total Operating and M&R Expenses	1,191,690	1,496,823	1,650,425
Debt Service-Principal	290,000	305,833	315,833
Debt Service-Interest	111,881	101,258	90,706
Debt Service-Bond Covenant Fund		40,709	40,654
Grand Total Expenses	1,593,571	1,944,623	2,097,618

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**100 - Luling WTP
Department ***

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Water Treatment			
41101 PLANT O&M	459,970	509,298	49,328
41102 PLANT A&G	59,418	61,949	2,531
41135 LULING WTP-CITY OF LOCKHART CHARGE	747,130	816,666	69,536
41137 LU/LO DELIVERY SYSTEM-CITY OF LOCKHART	230,305	262,512	32,207
Total Water Treatment	1,496,823	1,650,425	153,602
Operating Interest			
44110 INT-OPR INVESTMENT FUNDS	2,150	3,375	1,225
Total Operating Interest	2,150	3,375	1,225
Total Operating Revenue	1,498,973	1,653,800	154,827
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	455,145	497,005	41,860
51102 LBR-OVERTIME	63,751	45,362	(18,389)
Total Salaries	518,896	542,367	23,471
Benefits			
51298 BEN-BENEFIT ALLOCATION	210,153	219,659	9,506
Total Benefits	210,153	219,659	9,506
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	182,500	188,952	6,452
52102 OPR-AUXILIARY POWER EXPENSE	3,600	5,600	2,000
52103 OPR-CHEMICALS	142,036	195,486	53,450
52113 OPR-LAB SUPPLIES	13,160	19,160	6,000
52114 OPR-LABORATORY SERVICES-GBRA	3,600	3,600	-
52118 OPR-DISPOSAL SERVICES	-	18,000	18,000
52120 OPR-UNIFORMS	5,980	6,180	200
52121 OPR-SAFETY & EMERGENCY EXPENSE	6,000	6,000	-

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52125	OPR-VEHICLE EXPENSE	6,504	6,504	-
52126	OPR-FLEET LEASE EXPENSE	1,200	5,326	4,126
52133	OPR-SCADA	1,500	3,200	1,700
	Total Operating Supplies & Services	366,080	458,008	91,928
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	2,000	2,000	-
52216	OPR-REGULATORY FEES	1,800	3,350	1,550
52217	OPR-INSPECTION FEES	800	800	-
52222	OPR-MEMBERSHIPS & PUBLICATIONS	360	360	-
52223	OPR-LICENSE & TRAINING	2,650	2,650	-
52224	OPR-TRAVEL & MEETINGS	1,400	1,400	-
	Total Professional Services and Fees	9,010	10,560	1,550
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	2,400	2,400	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	5,150	8,050	2,900
52303	OPR-WIDE AREA NETWORK EXPENSE	3,000	1,650	(1,350)
52304	OPR-COPY SUPPLIES AND SERVICES	1,900	1,900	-
52305	OPR-POSTAGE AND FREIGHT EXPENSE	180	180	-
52306	OPR-COMMUNICATIONS	6,800	4,300	(2,500)
	Total Office Expenses	19,430	18,480	(950)
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	21,466	22,100	634
52430	OPR-MISC EXPENSE	240	240	-
	Total Other Operating Expenses	21,706	22,340	634
	SUBTOTAL OF OPERATIONAL EXPENSES	1,145,275	1,271,414	126,139
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	18,600	36,500	17,900
53105	M&R-GENERATORS	23,000	-	(23,000)
53110	M&R-CONTROL SYSTEMS	14,430	14,430	-
53115	M&R-METERS	6,500	6,500	-
	Total Maintenance and Repair Equipment	62,530	57,430	(5,100)
	Structures			
53201	M&R-BUILDING	1,400	4,400	3,000
53202	M&R-CLEARWELLS	600	1,000	400
53205	M&R-PUMPS AND MOTORS	25,082	30,000	4,918
53210	M&R-GATES AND VALVES	19,900	30,000	10,100
53238	M&R-FILTERS	36,600	13,000	(23,600)
	Total Structures	83,582	78,400	(5,182)

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
	Other Maintenance & Repairs			
53301	M&R-ROADS	27,000	2,000	(25,000)
53310	M&R-GROUNDS/ROW	7,200	7,200	-
	Total Other Maintenance & Repairs	34,200	9,200	(25,000)
	SUBTOTAL OF M&R EXPENSES	180,312	145,030	(35,282)
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	171,236	178,981	7,745
	Total Administrative & General	171,236	178,981	7,745
	Capital Outlay			
13217	AUTO & HEAVY EQUIPMENT	-	55,000	55,000
	Total Capital Outlay	-	55,000	55,000
	TOTAL OPERATING AND M&R EXPENSES	1,496,823	1,650,425	153,602
	Net Operating Income	2,150	3,375	1,225

DEBT SERVICE BUDGET

	Capacity Charge Revenue			
41131	DEBT SERVICE-LU/LO PROJECT	407,091	406,540	(551)
41133	DEBT COVER-LU/LO PROJECT	40,709	40,653	(56)
	Total Capacity Charge Revenue	447,800	447,193	(607)
	Total Debt Revenue	447,800	447,193	(607)
	Principal Payments Expense			
21207	BOND-2014 LULO PIPELINE	305,833	315,833	10,000
	Total Principal Payments Expense	305,833	315,833	10,000
	Interest Expense			
57103	INT-LULO BONDS	101,258	90,706	(10,552)
	Total Interest Expense	101,258	90,706	(10,552)
	Transfers			
61550	TRANSFERS-RESTRICTED/BOND COVENANT FUND	40,709	40,654	(55)
	Total TRANSFERS-RESTRICTED/BOND COVENANT FUND	40,709	40,654	(55)
	Total Debt Expense	447,800	447,193	(607)

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
Net Change in Debt Service Budget	<u>-</u>	<u>-</u>	<u>-</u>
Net Change in Fund Balance	<u>2,150</u>	<u>3,375</u>	<u>1,225</u>

Luling Division - Capital Outlay Expense

Description	FY 2023
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Capital Outlay Funded From Current Revenues

Replacement Truck with Auto Crane	\$	55,000
Total Luling Division Capital Outlay Expense	\$	55,000



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Hydroelectric crew
performing maintenance on
weir at Canyon Hydro

Canyon Hydroelectric

Hydroelectricity is one of the cleanest sources of power currently available. For more than 75 years, natural flows of the Guadalupe River have been passed through the turbines of hydroelectric plants to generate electricity for basin residents. These flows are returned to the river, unchanged, for use by others. Water, the "renewable resource", can be used to create energy that benefits people and the environment.

This division operates a six-megawatt hydroelectric plant located in Sattler, Texas, adjacent to the Canyon Dam discharge channel. The plant uses natural flows of the Guadalupe River as passed through Canyon Dam to generate electricity that is provided to New Braunfels Utilities (NBU) for residents of the City of New Braunfels.

The plant is equipped with two 3-megawatt generators that use available river flows in the range of 90 to 300 cubic feet per second (cfs) each to produce electricity. Included in the plant is a bypass valve capable of releasing up to 500 additional cfs. Flows above the combined total of 1,100 cfs must be released through the dam's original outlet structure.

The plant operates through a license from the Federal Energy Regulatory Commission, with permits from TCEQ and the U.S Army Corps of Engineers. The plant is monitored and operated remotely from the hydroelectric control room located in Seguin.

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| • Service Provided: Hydroelectric generation | • Average Kwh Produced: 0 |
| • Location: Sattler, TX | • # of Current Employees: 1 |
| • Startup Operation Date: 1989 | • Budgeted Revenue: \$307,813 |
| • Customer: NBU | |
| • Capacity: 6 MW | |

Canyon Hydroelectric Division

Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

The Guadalupe-Blanco River Authority Canyon Hydroelectric Division began operation in January of 1989. The Division consists of a hydroelectric generating plant with two 3-megawatt generators that can use available river flows in the range of 105 to 300 cubic feet per second (cfs) to produce electricity. Included in the plant is a bypass valve capable of releasing up to 500 additional cubic feet per second. When releases from Canyon Dam are above the combined generation and bypass rates (a total of 1,100 cfs), the plant cannot be operated, and all water must be released through the dam's original outlet structure.

The objective of all GBRA employees who operate and maintain the Canyon Hydroelectric plant is to provide a level of equipment reliability that will assure the generation of electricity from all water releases from Canyon Reservoir that are within the plant's operating range.

There is one GBRA employee assigned to operate and maintain the Canyon Hydroelectric Division plant and personnel from the GBRA Guadalupe Valley Hydroelectric Division provide assistance for maintenance duties. The remote operation of the plant is conducted from the central Control Room at the Seguin office of GBRA.

REVENUE SOURCES AND TRENDS

All power sales revenue within the division is paid by New Braunfels Utilities (NBU), which is the beneficiary of all electricity generated by the plant. NBU pays a monthly energy charge based on a rate of \$0.0133 cents per kW hour of electricity that is generated. The Division is a cost of service operation, and at the end of each fiscal year there is reconciliation between GBRA and NBU to adjust income to actual expenses for the year. If the total cost of operating the plant exceeds the amount of revenue collected, then NBU reimburses GBRA for this difference. If the alternative is the case, then GBRA reimburses NBU the difference.

The total amount of Division revenue budgeted for FY 2023 is \$307,813 which is \$138,833 less than budgeted revenue for FY 2022. This decrease in revenue is due to the similar decrease in budgeted operating, maintenance, and capital costs for the division in FY 2022.

The power sales revenue budget is set to equal the total amount of budgeted expenditures. This method is consistent with the annual reconciliation process described above.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

An important component of the Division's operating expenditures is the labor costs associated with operating and maintaining the hydroelectric plant. A substantial share of the labor cost is associated with the hydro plant attendant who visits the plant two to three times each week. Some of the attendant's duties are:

1. Observe and monitor the facilities and all major equipment.
2. Report maintenance requirements.
3. Record, analyze and compare meter, gauge, and level readings.
4. Simulate alarms and verify the Seguin Control Room receives the alarms.

5. Lubricate and maintain equipment as scheduled or as needed.
6. Test dissolved oxygen (DO) content of water downstream of the plant.
7. Collect water samples for DO comparison and deliver to the GBRA Water Quality Laboratory.

During FY 2023, the staff will continue to monitor the effect that the hydrogen sulfide-rich atmosphere has on the plant's equipment. This condition exists due to the 150 feet depth of Canyon Reservoir and the fact that water released for generation comes from the bottom of the lake. Maintenance and repairs due to this corrosive condition and other repairs will be performed as needed. Preventive maintenance tasks and routine operational checks will be performed during the year on electrical and mechanical equipment. Also included in the work plan is the purchase of spare parts to repair programmable logic controllers necessary to operate the generation equipment.

FUND BALANCE

Funds for operating expenditures included within the FY 2023 budget that are summarized in the following pages will be funded from power sales revenue derived from NBU. This Division represents a contract operation in which GBRA does not over-recover nor under-recover its costs. Therefore, the change in fund balance should be \$0 after the Fiscal Year end reconciliation of costs is agreed to by GBRA and NBU.



Staffing Summary

Canyon Hydroelectric	# of Authorized Positions (FTE)		
	2021	2022	2023
Maintenance Crew	1	1	1
Total	1	1	1

Changes from FY 2021 to 2022

No staffing changes for this division.

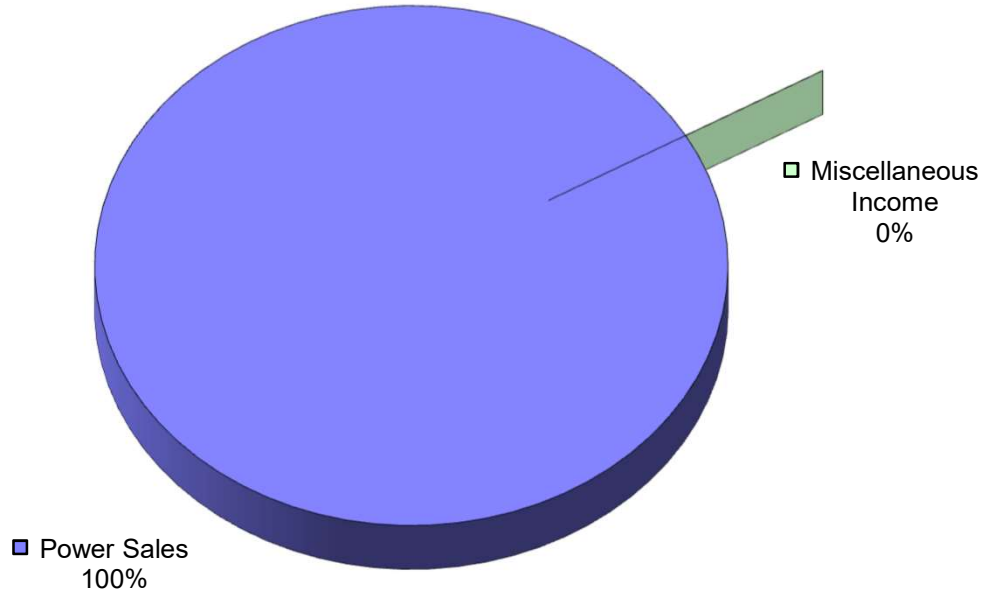
Changes from FY 2022 to 2023

No staffing changes for this division.



Budget Summary

REVENUES - CANYON HYDROELECTRIC

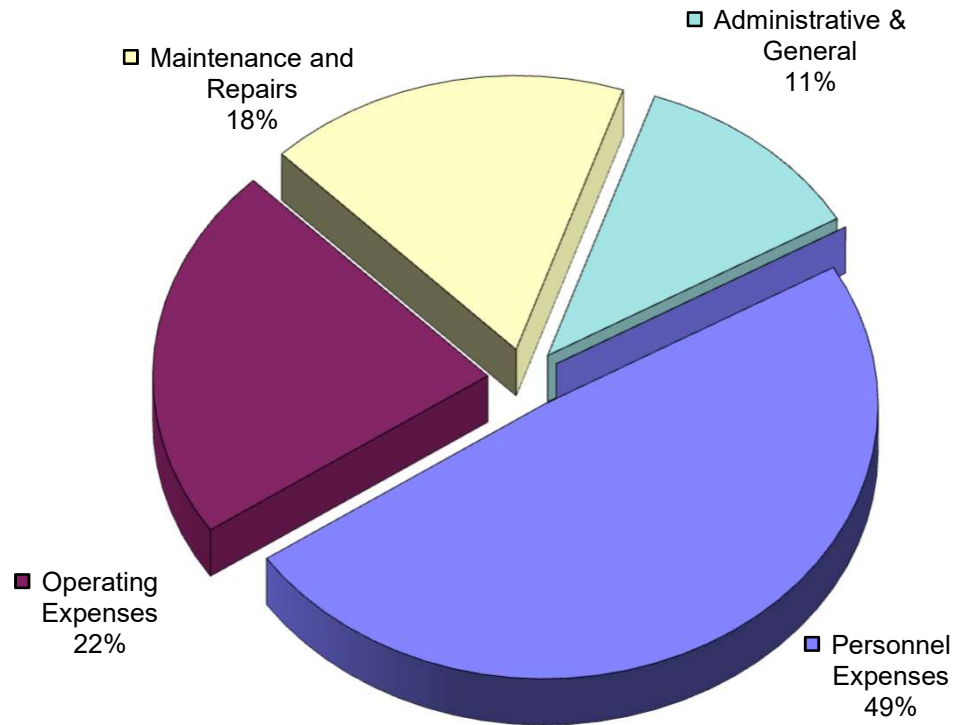


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales	319,657	446,646	307,813
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	319,657	446,646	307,813
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	319,657	446,646	307,813



Budget Summary

EXPENSES - CANYON HYDROELECTRIC



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	197,170	222,810	150,359
Operating Expenses	58,516	90,503	68,138
Maintenance and Repairs	17,779	81,000	54,000
Administrative & General	46,192	52,333	35,316
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	319,657	446,646	307,813
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	319,657	446,646	307,813

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**120 - Canyon Hydroelectric
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Hydroelectric				
41301	POWER SALES	446,646	307,813	(138,833)
	Total Hydroelectric	446,646	307,813	(138,833)
	Total Operating Revenue	446,646	307,813	(138,833)
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	146,320	102,036	(44,284)
51102	LBR-OVERTIME	12,264	4,981	(7,283)
	Total Salaries	158,584	107,017	(51,567)
Benefits				
51298	BEN-BENEFIT ALLOCATION	64,226	43,342	(20,884)
	Total Benefits	64,226	43,342	(20,884)
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	3,000	3,000	-
52102	OPR-AUXILIARY POWER EXPENSE	2,000	2,000	-
52110	OPR-SMALL TOOLS AND SUPPLIES	500	500	-
52120	OPR-UNIFORMS	1,100	1,100	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	1,000	1,000	-
52125	OPR-VEHICLE EXPENSE	2,500	2,500	-
52133	OPR-SCADA	1,500	1,700	200
	Total Operating Supplies & Services	11,600	11,800	200
Professional Services and Fees				
52205	OPR-PROFESSIONAL SERVICES-OTHER	5,000	-	(5,000)
52216	OPR-REGULATORY FEES	46,150	27,070	(19,080)
52223	OPR-LICENSE & TRAINING	500	500	-
52224	OPR-TRAVEL & MEETINGS	500	500	-
	Total Professional Services and Fees	52,150	28,070	(24,080)

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
	Office Expenses			
52302	OPR-COMPUTER & SOFTWARE EXPENSE	750	1,250	500
52303	OPR-WIDE AREA NETWORK EXPENSE	3,000	1,650	(1,350)
52306	OPR-COMMUNICATIONS	2,100	1,200	(900)
	Total Office Expenses	5,850	4,100	(1,750)
	Other Operating Expenses			
52403	OPR-OFFICE/BUILDING RENTAL	2,184	4,368	2,184
52420	OPR-INSURANCE EXPENSE	18,719	17,800	(919)
52430	OPR-MISC EXPENSE	-	2,000	2,000
	Total Other Operating Expenses	20,903	24,168	3,265
	SUBTOTAL OF OPERATIONAL EXPENSES	313,313	218,497	(94,816)
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	25,000	1,000	(24,000)
53105	M&R-GENERATORS	-	17,500	17,500
53110	M&R-CONTROL SYSTEMS	10,000	-	(10,000)
	Total Maintenance and Repair Equipment	35,000	18,500	(16,500)
	Structures			
53201	M&R-BUILDING	1,000	27,500	26,500
53205	M&R-PUMPS AND MOTORS	-	5,000	5,000
53245	M&R-POWERHOUSE	40,000	-	(40,000)
	Total Structures	41,000	32,500	(8,500)
	Other Maintenance & Repairs			
53310	M&R-GROUNDS/ROW	-	3,000	3,000
53399	M&R-MISC EXPENSE	5,000	-	(5,000)
	Total Other Maintenance & Repairs	5,000	3,000	(2,000)
	SUBTOTAL OF M&R EXPENSES	81,000	54,000	(27,000)
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	52,333	35,316	(17,017)
	Total Administrative & General	52,333	35,316	(17,017)
	TOTAL OPERATING AND M&R EXPENSES	446,646	307,813	(138,833)
	Net Operating Income	-	-	-
	Net Change in Fund Balance	-	-	-



Larremore Plant
Clarifier Spray Bar
Used to reduce foam & debris

Lockhart WWT

This division was established on October 1, 1994 to operate and manage the existing 1.1 mgd Larremore Street Wastewater Treatment Plant and a new 1.5 mgd F.M. 20 Plant, completed in February 1999, under contract with the City of Lockhart. The two plants provide an environmentally-responsible wastewater treatment service for the city limits and have capacity to meet future growth needs.

The F.M. 20 Plant is an approved site for acceptance and treatment of septic tank waste. It utilizes an activated sludge process to treat wastewater ultraviolet (UV) light for disinfection in place of chlorine.

Daily sample testing is completed in an on-site laboratory to ensure effluent meets all state and federal guidelines. Furthermore, biomonitoring tests are performed to ensure that aquatic life and the environment will not be harmed by treated wastewater effluent returned to the surface waters of the Guadalupe River Basin.

-
- | | |
|--|-------------------------------------|
| • Service Provided: Wastewater Treatment | • # of gallons treated: 412,010,000 |
| • Location: Lockhart, TX | • # of Current Employees: 4 |
| • Startup Operation Date: 1994 | • Budgeted Revenue: \$1,533,846 |
| • Customer: City of Lockhart | |
| • Capacity: 2.6 MGD | |

Lockhart Division

Lockhart Wastewater Reclamation System

Operating Plan for Fiscal Year Ending 8/31/23

BACKGROUND

After signing a contract with the City of Lockhart in 1994, GBRA assumed the operation of the City's 1.1 million gallons per day (MGD) Larremore Street wastewater treatment plant. Subsequently in 1999, the new 1.5 MGD FM20 plant commenced operation increasing the City's combined wastewater treatment capacity to 2.6 MGD. The contract between the City of Lockhart and GBRA provides that GBRA will bill the City the actual cost of operating the two plants. As a result, revenue is matched to expenses and GBRA does not over-recover nor under-recover the cost of operating the System.

Personnel within the Lockhart Wastewater Reclamation System are organized into a team consisting of the Chief Operator and three operators. In addition, GBRA's water plant personnel located at the Lockhart Water Treatment Plant will assist in the maintenance and repair of the wastewater treatment plants. Serving as facilitators to the team will be the Hays/Caldwell Division Manager. Additional support will be received from the Seguin office in the form of engineering, electrical, purchasing, and administrative functions.

REVENUE SOURCES AND TRENDS

The following Work Plan and Budget is based on the two Lockhart Wastewater Treatment Plants treating an estimated sewage flow of 412.01 million gallons annually or 1.13 million gallons per day (MGD). For Fiscal Year 2023, the flow will be split with approximately 0.408 MGD treated by the Larremore Plant and 0.721 MGD treated by the FM 20 Plant. Revenue to treat this amount of waste has generally trended upward over the last several years coincident with inflationary increases in plant operating costs. The budgeted FY 2023 total revenue for the Lockhart Wastewater System is \$1,533,846 which is \$140,688 or 10% more than last year's budget.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The combined capital additions and operating expenditure budget for FY 2023 amounts to \$1,533,846. Significant operating expenses budgeted for Fiscal Year 2023 include biosolids disposal in the amount of \$284,556, power and utilities of \$242,050, laboratory testing and expenses of \$72,160, and the replacement of a grit classifier for \$80,000.

In order to meet public service needs through motivated employees, provide advanced training, and maintain and upgrade occupational licenses, personnel will attend courses provided by various approved sources such as Texas Engineering Extension Service and Texas Water Utility Association. Plant personnel will also conduct in-house training in team building skills, confined space rescue, hazard communication, electrical safety and maintenance, first aid, and CPR. Other training will include computer software and personal development seminars.

FUND BALANCE

Funds for the above listed capital additions and maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided from revenues from the City of Lockhart. Since this system represents a contract operation in which GBRA does not over-recover nor under-recover its costs, the net change in fund balance for FY 2023 is \$0.



Lockhart WWTP	# of Authorized Positions (FTE)		
	2021	2022	2023
Chief Operator	1	1	1
Operators	3	3	3
Total	4	4	4

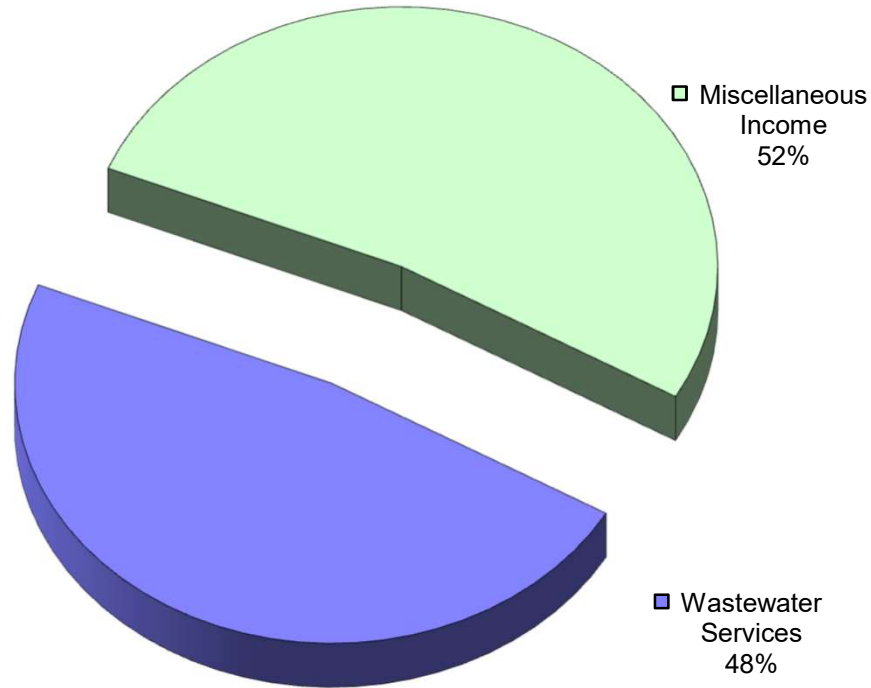
Changes from FY 2021 to FY 2022
No staffing changes for this division.

Changes from FY 2022 to FY 2023
No staffing changes for this division.



Budget Summary

REVENUES - LOCKHART WWTP

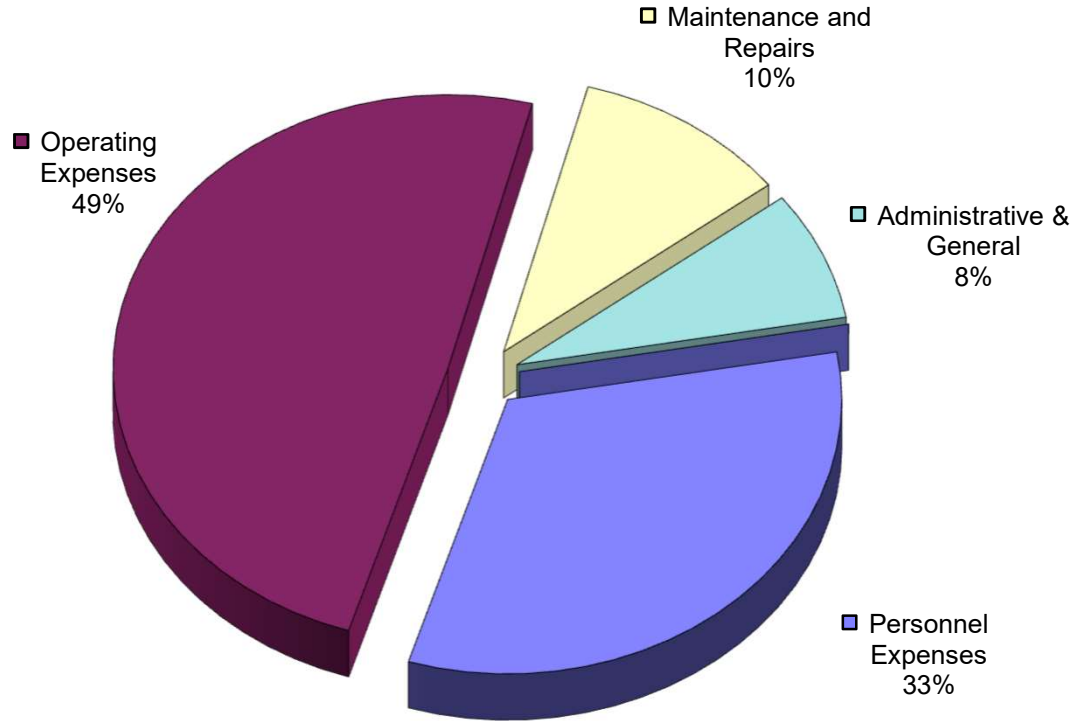


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services	1,064,397	893,158	733,846
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	400,000	500,000	800,000
Total Operating Revenue	1,464,397	1,393,158	1,533,846
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	1,464,397	1,393,158	1,533,846



Budget Summary

EXPENSES - LOCKHART WWTP



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	432,540	489,525	499,505
Operating Expenses	699,858	698,136	755,899
Maintenance and Repairs	201,852	90,520	161,120
Administrative & General	101,023	114,977	117,322
Capital Expense & Outlay	45,474		
Transfers			
Total Operating and M&R Expenses	1,480,747	1,393,158	1,533,846
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	1,480,747	1,393,158	1,533,846

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**130 - Lockhart WWTP
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wastewater Treatment				
41201	WW-OPR & MAINTENANCE	1,278,181	1,416,524	138,343
41202	WW-ADMINISTRATIVE & GENERAL	114,977	117,322	2,345
41207	WW-CREDIT TO CUSTOMER	(500,000)	(800,000)	(300,000)
	Total Wastewater Treatment	893,158	733,846	(159,312)
Misc Income				
45195	MISCELLANEOUS REVENUES	500,000	800,000	300,000
	Total Misc Income	500,000	800,000	300,000
	Total Operating Revenue	<u>1,393,158</u>	<u>1,533,846</u>	<u>140,688</u>
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	328,890	338,869	9,979
51102	LBR-OVERTIME	19,526	16,651	(2,875)
	Total Salaries	348,416	355,520	7,104
Benefits				
51298	BEN-BENEFIT ALLOCATION	141,109	143,985	2,876
	Total Benefits	141,109	143,985	2,876
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	242,050	242,050	-
52102	OPR-AUXILIARY POWER EXPENSE	6,825	5,000	(1,825)
52103	OPR-CHEMICALS	32,266	44,594	12,328
52110	OPR-SMALL TOOLS AND SUPPLIES	1,500	2,500	1,000
52113	OPR-LAB SUPPLIES	16,784	19,218	2,434
52114	OPR-LABORATORY SERVICES-GBRA	41,394	41,400	6
52115	OPR-LABORATORY SERVICES-OUTSOURCED	11,163	11,542	379
52118	OPR-DISPOSAL SERVICES	242,976	284,556	41,580
52120	OPR-UNIFORMS	5,490	5,720	230

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
52121	OPR-SAFETY & EMERGENCY EXPENSE	3,185	3,185	-
52122	OPR-SECURITY EXPENSE	4,000	4,000	-
52124	OPR-EQUIPMENT EXPENSE	3,500	3,500	-
52125	OPR-VEHICLE EXPENSE	7,010	6,860	(150)
52126	OPR-FLEET LEASE EXPENSE	1,200	-	(1,200)
52133	OPR-SCADA	3,500	1,700	(1,800)
	Total Operating Supplies & Services	622,843	675,825	52,982
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	5,300	4,530	(770)
52216	OPR-REGULATORY FEES	-	22,500	22,500
52217	OPR-INSPECTION FEES	23,000	-	(23,000)
52222	OPR-MEMBERSHIPS & PUBLICATIONS	900	900	-
52223	OPR-LICENSE & TRAINING	2,722	4,094	1,372
52224	OPR-TRAVEL & MEETINGS	-	2,500	2,500
	Total Professional Services and Fees	31,922	34,524	2,602
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	2,900	3,600	700
52302	OPR-COMPUTER & SOFTWARE EXPENSE	5,125	6,100	975
52303	OPR-WIDE AREA NETWORK EXPENSE	3,000	1,650	(1,350)
52306	OPR-COMMUNICATIONS	7,000	8,000	1,000
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	1,000	1,200	200
	Total Office Expenses	19,025	20,550	1,525
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	24,146	24,800	654
52430	OPR-MISC EXPENSE	200	200	-
	Total Other Operating Expenses	24,346	25,000	654
	SUBTOTAL OF OPERATIONAL EXPENSES	1,187,661	1,255,404	67,743
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	39,900	90,950	51,050
53110	M&R-CONTROL SYSTEMS	2,000	1,000	(1,000)
53115	M&R-METERS	1,400	1,150	(250)
	Total Maintenance and Repair Equipment	43,300	93,100	49,800
	Structures			
53201	M&R-BUILDING	1,520	1,520	-
53205	M&R-PUMPS AND MOTORS	9,000	14,800	5,800
53210	M&R-GATES AND VALVES	2,000	6,000	4,000
53220	M&R-CLARIFIERS	7,700	11,200	3,500
53237	M&R UV SYSTEM	10,000	10,000	-
	Total Structures	30,220	43,520	13,300

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
	Other Maintenance & Repairs			
53310	M&R-GROUNDS/ROW	13,000	13,000	-
53325	M&R-GENERAL MAINTENANCE	4,000	11,500	7,500
	Total Other Maintenance & Repairs	17,000	24,500	7,500
	SUBTOTAL OF M&R EXPENSES	90,520	161,120	70,600
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	114,977	117,322	2,345
	Total Administrative & General	114,977	117,322	2,345
	TOTAL OPERATING AND M&R EXPENSES	1,393,158	1,533,846	140,688
	Net Operating Income	-	-	-
	Net Change in Fund Balance	-	-	-



Lockhart WTP

The Lockhart Water Treatment Plant has been operated by GBRA since October 1, 2000, after selection by the City of Lockhart to serve as contract operator. GBRA employees operate the plant and are also responsible for the city's well system.

The plant's water source is the Carrizo Aquifer. The plant is designed to remove the high concentrations of iron dissolved in the water using oxidation followed by filtration. The water is then disinfected and blended with surface water supplied from the GBRA Luling Water Treatment Plant.

-
- | | |
|-------------------------------------|-------------------------------------|
| • Service Provided: Water Treatment | • # of gallons treated: 552,523,000 |
| • Location: Lockhart, TX | • # of Current Employees: 4 |
| • Startup Operation Date: 2000 | • Budgeted Revenue: \$933,575 |
| • Customer: City of Lockhart | |
| • Capacity: 4 MGD | |

Lockhart Division

Lockhart Water Treatment Plant System

Operating Plan for Fiscal Year ending 8/31/23

BACKGROUND

GBRA entered into a contract in September 2000 with the City of Lockhart to operate its wells and 4 million gallon per day (mgd) water treatment plant beginning October 1, 2000 in addition to the operation of two wastewater treatment facilities for the City. These systems are under the direct oversight of the Lockhart Operations Manager. There are currently three operators and one proposed operator position in FY22 assigned to the Lockhart Water Treatment Plant System which are responsible for operating and maintaining the plant and ground water production facilities. Personnel from the Lockhart Wastewater Reclamation System provide assistance in the operations and maintenance of the ground water system. Serving as facilitators to the Lockhart Operations team are the Division Manager-Hays and Caldwell Counties. Additional support will be received from the Seguin office in the form of engineering, electrical, purchasing and administrative functions.

REVENUE SOURCES AND TRENDS

GBRA provides the operation of the City's 4.0 million gallons per day (MGD) groundwater treatment plant and water wells. The contract provides that GBRA does not over-recover nor under-recover the costs of operating the System.

The following Work Plan and Budget is based on operating and maintaining the Lockhart Water Treatment Plant, booster station and seven water wells. The projected water production of the plant and seven wells for FY 2023 is 165.408 MG or 0.453 MGD. However, the total water needs for the City from all sources is estimated to be approximately 552.523 MG. The differential or additional water required by the City of Lockhart will be supplied by the GBRA surface water treatment plant located in Luling and delivered through the Luling/Lockhart Treated Water Delivery System. The budgeted FY 2023 operating revenue for the Lockhart Water Treatment Plant System is \$933,575 which is \$55,721 or 5.6% less than last year's budget and is based on a total estimated annual water treatment of 165,408,000 gallons or 165.408 MG. As described in the previous paragraph, the Lockhart WTP System is a cost of service operation and any year-over-year change in revenue is in a direct relationship to the changes in operating expenditures and capital improvements, for that year.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Due to the nature of the GBRA and City of Lockhart contract, the operating expenditure budget for FY 2023 replicates the revenue budget and therefore also amounts to \$933,575. Two of the major operating expenses for the ensuing fiscal year are power and chemicals. Chlorine, liquid ammonium sulfate (LAS), orthophosphate, and fluoride are the primary chemicals required at the water treatment plant in order to properly treat and maintain the water quality in accordance with Texas Commission on Environmental Quality (TCEQ) requirements. Chlorine and LAS are used together as a disinfectant for the water. Orthophosphate is used as a corrosion inhibitor and as such, protects the City's distribution system and assures the delivery of high quality water. Fluoride is added pursuant to Texas Department of State Health Services Fluoridation Program recommendations. The total chemical budget for FY 2023 is \$47,976. Power will also be a major expense for the upcoming year amounting to \$56,000. The maintenance expenses include the replacement of sludge pump in the amount of \$25,000 and the replacement of

Backwash Pump 2 in the amount of \$32,000. The rehab of Well 12 is budgeted at \$54,000, and the chemical treatment of a well is budgeted at \$40,000. Installation of a blow off and air release on the 14 inch CSC Raw Transmission Line is budgeted for \$ 20,000.

In order to meet public service needs through motivated employees, provide advanced training, and maintain and upgrade occupational licenses, personnel will attend courses provided by various approved sources such as Texas Engineering Extension Service and Texas Water Utility Association. Plant personnel will also conduct in-house training in team building skills, confined space rescue, hazard communication, electrical safety and maintenance, first aid, and CPR. Other training will include computer software and personal development seminars.

FUND BALANCE

Funds for the above listed capital additions and maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided from revenues from the City of Lockhart. Since this division represents a contract operation in which GBRA does not over-recover nor under-recover its costs, the net change in fund balance for FY 2023 is \$0.



Staffing Summary

Lockhart WTP	# of Authorized Positions (FTE)		
	2021	2022	2023
Operators	3	4	4
Total	3	4	4

Changes from FY 2021 to FY 2022

1-Operator position was added for this division.

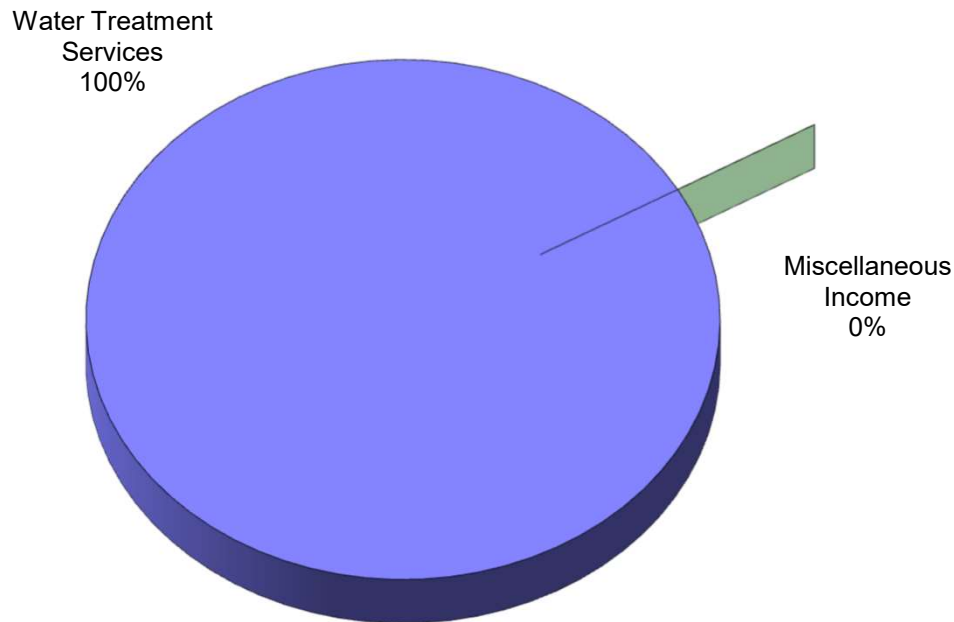
Changes from FY 2022 to FY 2023

No staffing changes for this division



Budget Summary

REVENUES - LOCKHART WTP

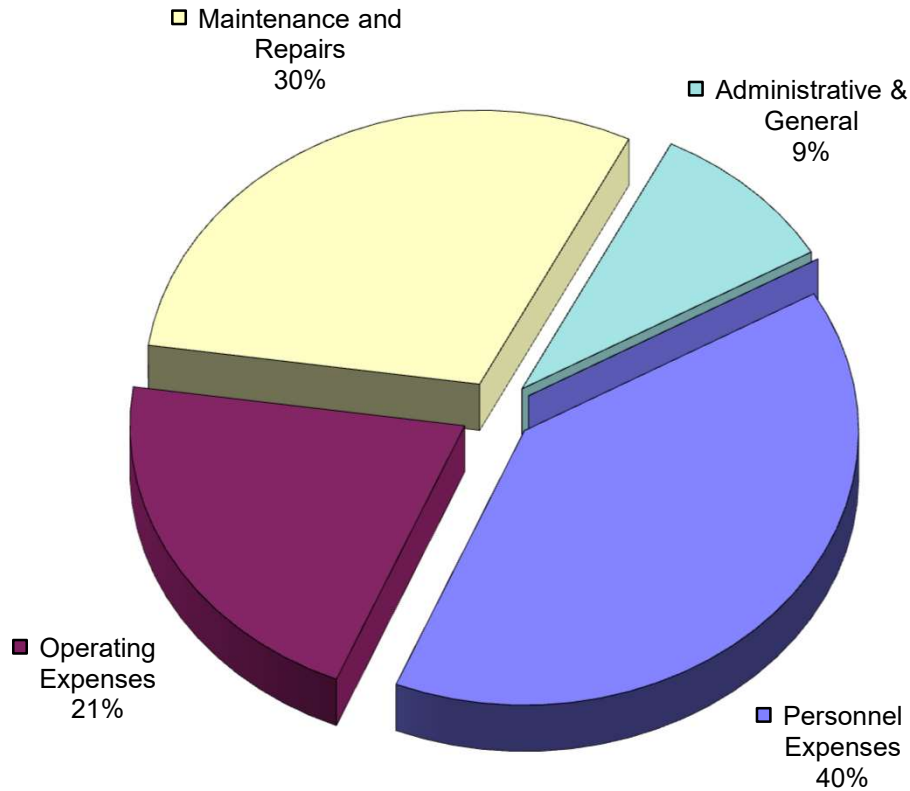


Revenues	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services	917,365	989,296	933,575
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	917,365	989,296	933,575
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	917,365	989,296	933,575



Budget Summary

EXPENSES - LOCKHART WTP



Expenses	FY 2021 Actual	FY 2022 Budget	FY 2023 Budget
Personnel Expenses	326,838	363,063	369,601
Operating Expenses	178,936	183,458	196,214
Maintenance and Repairs	335,657	357,500	280,950
Administrative & General	75,934	85,275	86,810
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	917,365	989,296	933,575
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	917,365	989,296	933,575

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2023**

**131 - Lockhart WTP
Department ***

		FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Water Treatment				
41101	PLANT O&M	904,021	846,765	(57,256)
41102	PLANT A&G	85,275	86,810	1,535
	Total Water Treatment	989,296	933,575	(55,721)
	Total Operating Revenue	989,296	933,575	(55,721)
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	242,780	250,513	7,733
51102	LBR-OVERTIME	15,628	12,548	(3,080)
	Total Salaries	258,408	263,061	4,653
Benefits				
51298	BEN-BENEFIT ALLOCATION	104,655	106,540	1,885
	Total Benefits	104,655	106,540	1,885
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	56,000	56,000	-
52103	OPR-CHEMICALS	39,060	47,976	8,916
52110	OPR-SMALL TOOLS AND SUPPLIES	1,500	1,500	-
52113	OPR-LAB SUPPLIES	11,160	13,638	2,478
52114	OPR-LABORATORY SERVICES-GBRA	5,000	5,172	172
52115	OPR-LABORATORY SERVICES-OUTSOURCED	6,040	2,300	(3,740)
52120	OPR-UNIFORMS	3,800	3,800	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	1,435	1,635	200
52122	OPR-SECURITY EXPENSE	1,750	1,750	-
52123	OPR-EQUIPMENT RENTAL	1,500	1,500	-
52124	OPR-EQUIPMENT EXPENSE	150	150	-
52125	OPR-VEHICLE EXPENSE	2,380	3,330	950
52126	OPR-FLEET LEASE EXPENSE	1,200	1,200	-
52133	OPR-SCADA	3,500	1,700	(1,800)

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
Total Operating Supplies & Services	134,475	141,651	7,176
Professional Services and Fees			
52205 OPR-PROFESSIONAL SERVICES-OTHER	3,570	3,720	150
52216 OPR-REGULATORY FEES	-	12,000	12,000
52217 OPR-INSPECTION FEES	12,000	-	(12,000)
52222 OPR-MEMBERSHIPS & PUBLICATIONS	424	424	-
52223 OPR-LICENSE & TRAINING	2,797	3,619	822
52224 OPR-TRAVEL & MEETINGS	-	2,500	2,500
Total Professional Services and Fees	18,791	22,263	3,472
Office Expenses			
52301 OPR-OFFICE SUPPLIES	750	750	-
52302 OPR-COMPUTER & SOFTWARE EXPENSE	2,875	4,250	1,375
52303 OPR-WIDE AREA NETWORK EXPENSE	3,000	1,650	(1,350)
52306 OPR-COMMUNICATIONS	5,200	5,800	600
52331 OPR-JANITORIAL SUPPLIES AND SERVICE	500	500	-
Total Office Expenses	12,325	12,950	625
Other Operating Expenses			
52420 OPR-INSURANCE EXPENSE	17,617	19,100	1,483
52430 OPR-MISC EXPENSE	250	250	-
Total Other Operating Expenses	17,867	19,350	1,483
SUBTOTAL OF OPERATIONAL EXPENSES	546,521	565,815	19,294
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	1,300	1,550	250
53110 M&R-CONTROL SYSTEMS	1,000	2,500	1,500
53115 M&R-METERS	7,400	11,700	4,300
Total Maintenance and Repair Equipment	9,700	15,750	6,050
Structures			
53201 M&R-BUILDING	30,900	5,400	(25,500)
53205 M&R-PUMPS AND MOTORS	69,000	65,000	(4,000)
53210 M&R-GATES AND VALVES	38,100	29,500	(8,600)
53235 M&R-TRANSMISSION LINES	10,000	38,500	28,500
Total Structures	148,000	138,400	(9,600)
Other Maintenance & Repairs			
53302 M&R-WELLS	104,000	104,000	-
53310 M&R-GROUNDS/ROW	13,000	13,000	-
53325 M&R-GENERAL MAINTENANCE	82,800	9,800	(73,000)
Total Other Maintenance & Repairs	199,800	126,800	(73,000)

	FY 2022 BUDGET	FY 2023 BUDGET	FY 2023-2022 DIFFERENCE
SUBTOTAL OF M&R EXPENSES	<u>357,500</u>	<u>280,950</u>	<u>(76,550)</u>
Administrative & General			
54100 ADMINISTRATIVE & GENERAL	<u>85,275</u>	<u>86,810</u>	<u>1,535</u>
Total Administrative & General	<u>85,275</u>	<u>86,810</u>	<u>1,535</u>
TOTAL OPERATING AND M&R EXPENSES	<u>989,296</u>	<u>933,575</u>	<u>(55,721)</u>
Net Operating Income	<u>-</u>	<u>-</u>	<u>-</u>
Net Change in Fund Balance	<u>-</u>	<u>-</u>	<u>-</u>



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Glossary

Term	Description
Acronyms	
A & G	Administrative & General
AACOG	Alamo Area Council of Governments
AEP-TCC	American Electric Power – Texas Central Company (formerly owned by Central Power & Light Company also known as CP&L)
AF	Acre Foot - quantity of water required to cover one acre to a depth of one foot and is equivalent to 43,560 cubic feet of about 326,000 gallons or 1,233 cubic meters.
BOD	Biochemical Oxygen Demand - the quantity of oxygen used in the biochemical oxidation of organic matter in a specified time and at a specific temperature. It is not related to the oxygen requirements in chemical combustion, being determined entirely by the availability of the material as a biological food and by the amount of oxygen utilized by the microorganisms during oxidation.
CAFR	Comprehensive Annual Financial Report
CBOD	Carbonaceous Biochemical Oxygen Demand
CCN	Certificate of Convenience and Necessity issued by TCEQ defines the boundaries of a water or wastewater service area.
CCP	Coletto Creek Park
CCR	Consumer Confidence Report - annual water quality reports or drinking water quality reports that summarize information regarding sources used (i.e., rivers, lakes, reservoirs, or aquifers), any detected contaminants, compliance and educational information. The reports are due to customers by July 1st of each year.
CFSA	Consolidated Farm Service Agency
CPE	Comprehensive Performance Evaluation
CRWA	Canyon Regional Water Authority
EDU	Equivalent Dwelling Unit
EPA	Environmental Protection Agency
F/T	Refers to a Full Time employee
FEMA	Federal Emergency Management Agency
FY	Fiscal Year - The twelve-month period between settlements of financial accounts.
GAAP	Generally Accepted Accounting Principles is a guide to help finance directors and others improve governmental financial reporting.
Gal.	A liquid measure, equal to four quarts (231 cubic inches).
GBRA	Guadalupe-Blanco River Authority
GFOA	Government Finance Officers Association
GIS	Geographic Information System
GPP	Guadalupe Power Partners, LTD
GPS	Geographic Positioning System - It is an instrument used to calculate geographic locations on the ground from a satellite.

Glossary

Term	Description
GUADCO MUD	Guadalupe County Municipal Utility District
GVEC	Guadalupe Valley Electric Cooperative
GVHD	Guadalupe Valley Hydro Division
H-4	Hydro Electric Dam #4
H-5	Hydro Electric Dam #5
HDQTRS	Headquarters
HUD	Housing And Urban Development
IFIM	Instream Flow Incremental Methodology
IH	International Harvester
K W H	Kilowatt Hour, a unit of electrical energy or work, equal to that done by one kilowatt acting for one hour.
KV	Kilovoltage
L. O. I.	Letter of Intent
LWRA	Lakewood Recreation Area
M	A Roman Numeral for a mathematical unit of measure equaling one thousand (1000).
M & R	Maintenance & Repair
MGD	Million Gallons per Day
MUD	Municipal Utility District
N. T. U.	Nephelometric Turbidity Units - Nephelometric is a unit of measure. Turbidity can be determined for any water sample that is free of debris and rapidly settling coarse sediments.
NBU	New Braunfels Utilities
NELAP	National Environmental Laboratory Accreditation Program
NRCS	Natural Resources Conservation Service
NWRA	National Water Resources Association
OP	Relating to operating equipment
OVT	Overtime
P. D.	Project Development
P/T	Refers to a Part Time employee
P/U	Pick Up Truck
PC	Public Communications
PEC	Perdenales Electric Cooperative
PLWTP	Port Lavaca Water Treatment Plant
POC	Port O'Connor - abbreviation of a city in Texas
PUC	Public Utilities Commission
RFI'S	Request For Information - a Public Communication function answering requests from inquiring people outside the river authority.
RTU	Remote Terminal Unit – used to transmit data via radio between remote locations and the central control room.
RUD	Rural Utilities Division
RW	Rural Water

Glossary

Term	Description
RWDS	Raw Water Delivery System
RWS	Rural Water System
S.B. OR SB-#1	Relating to any Senate Bill affecting river authorities or relating to a specific bill number.
SCADA	Supervisory Control and Data Acquisition
SCS	Soil Conservation Service
SISD	Seguin Independent School District
SMRWDS	San Marcos Raw Water Delivery System
STA.	Staff Technical Assistance
SWB	Salt Water Barrier - a fabricated-dam constructed of heavy gauge rubber placed near the mouth of a river near the ocean to keep salt water from infecting fresh water.
TAES	Texas Agricultural Extension Service
TCEQ	Texas Commission on Environmental Quality
TEEX	Texas Engineering Extension Service
TOC	Total Organic Carbon
TP-4	Texas Power Dam #4
TPWD	Texas Parks and Wildlife Department
TMDL	Total Maximum Daily Load
TSS	Total Suspended Solids
TWCA	Texas Water Conservation Association
TWDB	Texas Water Development Board
TWUA	Texas Water Utilities Association
TWUA-LAS	Texas Water Utilities Association Laboratory Analyst Section
VOE	Vocational Office Education
VSS	Volatile Suspended Solids
W. A.	Work Authorizations
WAN	Wide Area Network
WDS	Water Delivery System
WIP	Work In Progress
W/S	Water Sales
WSC	Water Supply Corporation
WTP	Water Treatment Plant
WWR	Waste Water Reclamation
WWT	Waste Water Treatment
WWTP	Waste Water Treatment Plant

Glossary

Term	Description
Definitions	
ACRE FOOT	(AC-FT, acre-ft) quantity of water required to cover one acre to a depth of one foot and is equivalent to 43,560 cubic feet of about 326,000 gallons or 1,233 cubic meters.
ADMINISTRATIVE	An organization's structural form and its ability to implement strategic planning.
AMORTIZATION	The systematic reduction of a debt according to a stated maturity or redemption schedule.
AQUATIC	Growing or living in or upon water, such as plants and/or animals.
ARBITRAGE	The gain that may be obtained by borrowing funds at tax-exempt rates and investing those funds at taxable rates.
BOND	A debt obligation to repay principal and interest on specified future dates.
BOND COUNSEL	The bond counsel is a law firm which specializes in municipal and tax law. The bond counsel provides its legal opinion that assures investors that the debt being issued represents a valid and legally binding contract.
BOND INSURER	A bond insurer unconditionally guarantees bondholders the timely payment of all principal and interest in return for a single premium payment upon the sale of the debt.
BOND ISSUANCE COSTS	The costs incurred by the bond issuer during the planning, marketing and sale of a bond issue.
CAPITAL APPRECIATION BOND	A bond that does not have an interest rate but rather is sold at a deep discount yielding a return that is the difference between the bond sale price and the bond redemption value.
CHLORAMINE	Compound of chlorine and ammonia used as a primary disinfecting agent in water treatment process.
CHLORINE	A chemical applied to water for purposes of disinfecting
CLEAN RIVERS PROGRAM (CRP)	A program coordinated with Texas Natural Resources Conservation Commission (TNRCC) to work with river authorities to monitor and survey water quality issues within each river basin and specific to that river basin.
DAM	A structure of earth, rock or concrete designated to impound the flow of a river or stream and form a basin, pond, lake, or reservoir.
DEBT	An organization's overall debt burden and its capital improvement planning program.
DEBT SERVICE	Principal and interest requirements on an outstanding bond.
DEBT SERVICE RESERVE FUND	A fund used to pay debt service if pledged revenues are insufficient to make the required payments as they become due.
DEFEASANCE	A legal defeasance requires the establishment of an irrevocable trust with sufficient cash or U.S. Government securities to pay all principal and interest through the bond call date.

Glossary

Term	Description
DEPRECIATION	Reduction of an asset's original cost by a fixed percentage based on its estimated life.
DEWATERING	The part of the process whereby sludges are reduced in volume and converted from a liquid to a solid product.
DISCOUNT	The difference between a bond's par value and its sale price when the latter is less than par.
ECONOMIC	An organization's service base diversity.
EDWARDS AQUIFER	A limestone geologic formation located in central Texas that contains sufficient saturated permeable material to yield significant quantities of water to wells and springs.
EFFLUENT	Wastewater or other liquid, partially or completely treated, or in natural state, flowing out of a reservoir, basin, treatment plant or part thereof.
ENTERPRISE FUNDS	Enterprise funds are used to account for operations (a) 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 (b) where the governing body has decided that periodic determination of revenues earned, expenses incurred, and/or net income is appropriated for capital maintenance, public policy, management control, accountability, or other purposes.
ENVIRONMENTAL SAMPLES	The collection of material that influences the conditions affecting the life and development of an organism in water.
EXPENSE	Costs that have been incurred in the process of producing revenue.
FAIR VALUE	A rational and unbiased estimate of the potential market price of a good, service, or asset. It takes into account such objective factors as: acquisition/production/distribution costs, replacement costs, or costs of close substitutes.
FENDER BOARD	One of a series of boards attached to the downstream section of a spill gate. It is a sacrificial board that protects the downstream section from trees and debris that go over the gates when they are in the down position during high flow events.
FINANCIAL ADVISOR	A financial advisor provides expertise to the debt issuer in matters of alternative financial structures, the marketing and sale of the debt and the preparation of disclosure documents.
FLOW	The rate of water discharged from a source given in volume with respect to time.
FUNDS	Sum of money available after all revenue and other sources of money are received less expenses and other uses of funds are paid.
GENERAL COUNSEL	In-house general counsel advises the GBRA Board of Directors and GBRA management and staff on a wide range of legal issues related to corporate and regulatory matters.

Glossary

Term	Description
GROUND WATER	Water obtained from subsurface sources, such as sands and gravel or porous or fractured rocks.
HEXANE	A solvent used to extract oils, fats, and greases from water samples in the analysis for those constituents.
HYDROELECTRIC PLANT	Electricity generation using stream flow or reservoir releases to turn turbines and generators in a plant located in a dam.
INFLOW AND INFILTRATION	Refers to the quantities of water that enter the sewer system either from the ground through such means as defective pipes, pipe joints, connections, manholes or other sources of entry such as, but not limited to roof leaders, cellar drains, yard drains, area drains, drains from springs and swampy areas, catch basins, cooling towers, storm waters, surface runoff, street wash waters, or drainage.
ION CHROMATOGRAPH	An instrument used to detect and measure the ions in water.
KIDFISH	Program created by the river authority to interact children with parents on a fishing outing.
MAINTENANCE	The upkeep necessary for efficient operations of physical properties. It involves labor and materials but is not to be confused with replacement or retirement.
MARK-TO-MARKET	"Mark-to-market" or fair value accounting refers to accounting for the "fair value" of an asset or liability based on the current market price, or for similar assets and liabilities, or based on another objectively assessed "fair" value.
MONITORING	The measurement, sometimes continuous, of water or wastewater quality.
OPTIMIZATION	The concept of operating a water treatment plant to produce a higher quality of treated water than is required by current regulations.
OUTFITTER	A business that provides equipment, supplies, and often trained guides for activities such as rafting, tubing, hunting, hiking, etc.
PAYING AGENTS/REGISTRARS	A paying agent receives from the issuer funds for periodic debt service payments and disburses these funds to bondholders. The registrar maintains a record of bond ownership so that timely payments may be made to those bondholders.
PEAK	The maximum momentary quantity placed on a water or wastewater plant, pumping station, or on an electric generating plant.
PH	Natural waters have a pH typically between 6.5-8.5. The concentration is the mass of hydrogen ions, in grams per liter of solution.
POTABLE WATER SUPPLY FACILITIES	A facility that treats raw water making it drinkable for the public.
POTASSIUM PERMANGANATE	A disinfectant used when necessary to improve taste and odor of the finished water. Also, a controlling agent to prevent biological growth in transmission pipes.

Glossary

Term	Description
RATING AGENCY	A rating agency is a private corporation that assigns a creditworthiness rating to new bond issues upon their review of financial disclosures provided by the issuer.
RAW WATER	Water obtained from natural sources such as streams, reservoirs and wells; always contains impurities in forms of suspended or dissolved material or organic matter and as dissolved gases acquired from contact with earth and atmosphere.
RECLAMATION	The process of recovering water to a quality where it can be reused.
RESERVOIR	A pond, lake, or basin, either natural or artificial, for the storage, regulation, and control of water.
REVENUE	Gross increase in capital attributable to business activities resulting from the sale of merchandise, performance of services, rental of property, and other activities entered into for the purpose of earning income.
RIVER BASIN	Total area drained by a river and its tributaries.
SLUDGE	The accumulated solids separated from liquids, such as water or wastewater during processing, or deposits on bottoms of streams or other bodies of water.
SOURCES OF FUNDS	Money received from bank loans, bond issuance, or inter-department loans.
SUBORDINATION RATE	Rate we charge when allowing another water user to get a state water rights permit predicated on the non-use of one of GBRA's water rights permits.
SURFACE WATER	Natural sources, such as rivers and lakes
TEXAS WATCH	A volunteer program to monitor the quality of a body of water.
TRANS-TEXAS	A regional plan to study the transfer of water from one river basin to another.
TRICKLING FILTER	A treatment process unit consisting of an artificial bed of coarse material, such as broken stone, clinkers, slate, slats, brush or plastic materials, over which wastewater is distributed or applied in drops, films, or spray from troughs, drippers, moving distributors or fixed nozzles and trough which it trickles to the underdrains, giving opportunity for the formation of slimes that clarify and oxidize the wastewater.
TRUSTEE	A trustee represents the interest of bondholders in debt financing. The role of the trustee is to monitor the collection, investment and timely repayment of funds identified in the debt financing.
UNDERWRITER	An underwriter is a municipal securities dealer that purchases a new municipal bond issue for resale to investors.
UNDERWRITER COUNSEL	An underwriter counsel is a law firm specializing in municipal and tax law that represents the interests of the underwriter during the structuring of a financing.

Glossary

Term	Description
USES OF FUNDS	Money spent toward the purchase fixed assets, project development, work in progress, inter-fund loan payments, or outside debt payments.
VIRTUALIZATION	Virtualization refers to technologies designed to provide a layer of abstraction between computer hardware systems and the software running on them. At GBRA we've invested in server virtualization. Server virtualization is a virtualization technique that involves partitioning a physical server into a number of virtual servers with the help of virtualization software. Each virtual server runs its own operating system and applications, and looks and behaves like a physical server, multiplying the capacity and increasing the resource utilization of the physical server.
WASTEWATER	Flow of used water from a community. It may be a combination of the liquid and water-carried wastes from residences, commercial building, industrial plants, and institutions, together with any groundwater, surface water and storm-water that may be present.
WATER CONSERVATION	In its broadest use the protections, development, and efficient management of water resources for beneficial purposes. Measures that are intended to improve water use efficiency, increase water reuse and recycling, or minimize the waste of water so that water supplies are conserved and made available for future and alternative uses.
WATER QUALITY	Fitness of water for use, being affected by physical, chemical, and biological factors.
WATER RIGHTS	A legally protected right, granted by the law, to take possession on water occurring in a water supply and to divert the water and put it to beneficial use.
WORKING CAPITAL	The amount of current assets that exceeds current liabilities.

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