



Guadalupe-Blanco River Authority

WORK PLAN AND BUDGET
Fiscal Year Ending August 31, 2024

New Braunfels, Texas

Guadalupe-Blanco River Authority

Work Plans and Budgets

Fiscal Year Ending August 31, 2024

Board of Directors

NAME	POSITION	COUNTY REPRESENTING
Dennis L. Patillo	Chair	Victoria
Sheila L. Old	Vice Chair	Guadalupe
Stephen B. "Steve" Ehrig	Sec/Treasurer	Gonzales
John P. Cyrier	Director	Caldwell
Emanuel Valdez, Jr.	Director	Comal
William R. Carbonara	Director	Dewitt
Don B. Meador	Director	Hays
James P. Cohoon	Director	Kendall
Robert E. Blaschke	Director	Refugio

Executive Team

NAME	POSITION
Darrell Nichols	General Manager/CEO
Jonathan Stinson	Deputy 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

Guadalupe-Blanco River Authority
Fiscal Year 2024 Work Plan and Budget Format
System Listing

Section	Budget Sections			Yr Operations Began
		Introductory Section		
		General & Statistical Summary		
		Staffing Summary		
		Financial Summary		
Section A		Consolidated Funds		
Section B	010	General Division	Unit of Service	
Section C	021	Guadalupe Valley Hydroelectric Division	Unit of Service	1962
Section C	023	Lake Dunlap Dam (WCID)	Budget-to-Actual	2023
Section C	024	Lake McQueeney Dam (WCID)	Budget-to-Actual	2025
Section C	025	Lake Placid Dam (WCID)	Budget-to-Actual	2025
Section D	030	Shadow Creek Wastewater Treatment Plant	Unit of Service	2006
Section D	032	Canyon Park Wastewater Treatment Plant	Unit of Service	1974
Section D	033	Stein Falls Wastewater Treatment Plant	Unit of Service	1973
Section D	037	Sunfield Wastewater Treatment Plant	Unit of Service	2009
Section D	038	Dietz Wastewater System	Unit of Service	2021
Section E	041	Water Sales System	Unit of Service	1964
Section E	041	Laboratory System	Unit of Service	1974
Section E	043	Calhoun Canal System	Unit of Service	1962
Section E	044	San Marcos Water Treatment Plant	Unit of Service	2000
Section E	045	Buda Wastewater Treatment Plant	Budget-to-Actual	2001
Section E	047	Carrizo Groundwater System	Unit of Service	2023
Section E	048	Alliance Water Treatment Plant	Budget-to-Actual	2023
Section F	050	Western Canyon Water Treatment Plant System	Unit of Service	2006
Section F	051	4S Ranch Wastewater Treatment Plant	Budget-to-Actual	2019
Section F	052	Cordillera Water Distribution System	Unit of Service	2006
Section F	053	Cordillera Wastewater Treatment Plant	Unit of Service	2006
Section F	054	Comal Trace Water Distribution System	Unit of Service	2006
Section F	055	Johnson Ranch Water Distribution System	Unit of Service	2009
Section F	056	Johnson Ranch Wastewater Treatment Plant	Unit of Service	2009
Section F	057	Bulverde Singing Hills Wastewater Treatment Plant	Budget-to-Actual	2015
Section F	058	Park Village Wastewater Treatment Plant	Budget-to-Actual	2017
Section F	059	Boerne ISD Voss Middle School Wastewater Treatment Plant	Budget-to-Actual	2019
Section G	091	Coleto Creek Reservoir	Budget-to-Actual	1981
Section G	092	Coleto Creek Recreation	Unit of Service	1981
Section H	100	Luling Water Treatment Plant	Budget-to-Actual	1977
Section I	120	Canyon Hydroelectric Plant	Budget-to-Actual	1988
Section J	130	Lockhart Wastewater Treatment Plant	Budget-to-Actual	1994
Section J	131	Lockhart Water Treatment Plant	Budget-to-Actual	2000
Section K		Glossary		
Section L		Index		

FY 2024 WORK PLAN AND BUDGET PROGRAM NARRATIVE

The commitment of the Guadalupe-Blanco River Authority is to “lead cooperative stewardship of the water resources within the Guadalupe River Basin to promote quality of life for all.” This is a broad and encompassing statement reflective of GBRA’s legislative mandates and constituent demands. This commitment is derived from the development of a new Strategic Plan adopted in 2022. Articulated below is a summary of the FY 2024 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 1960’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 Coleto 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

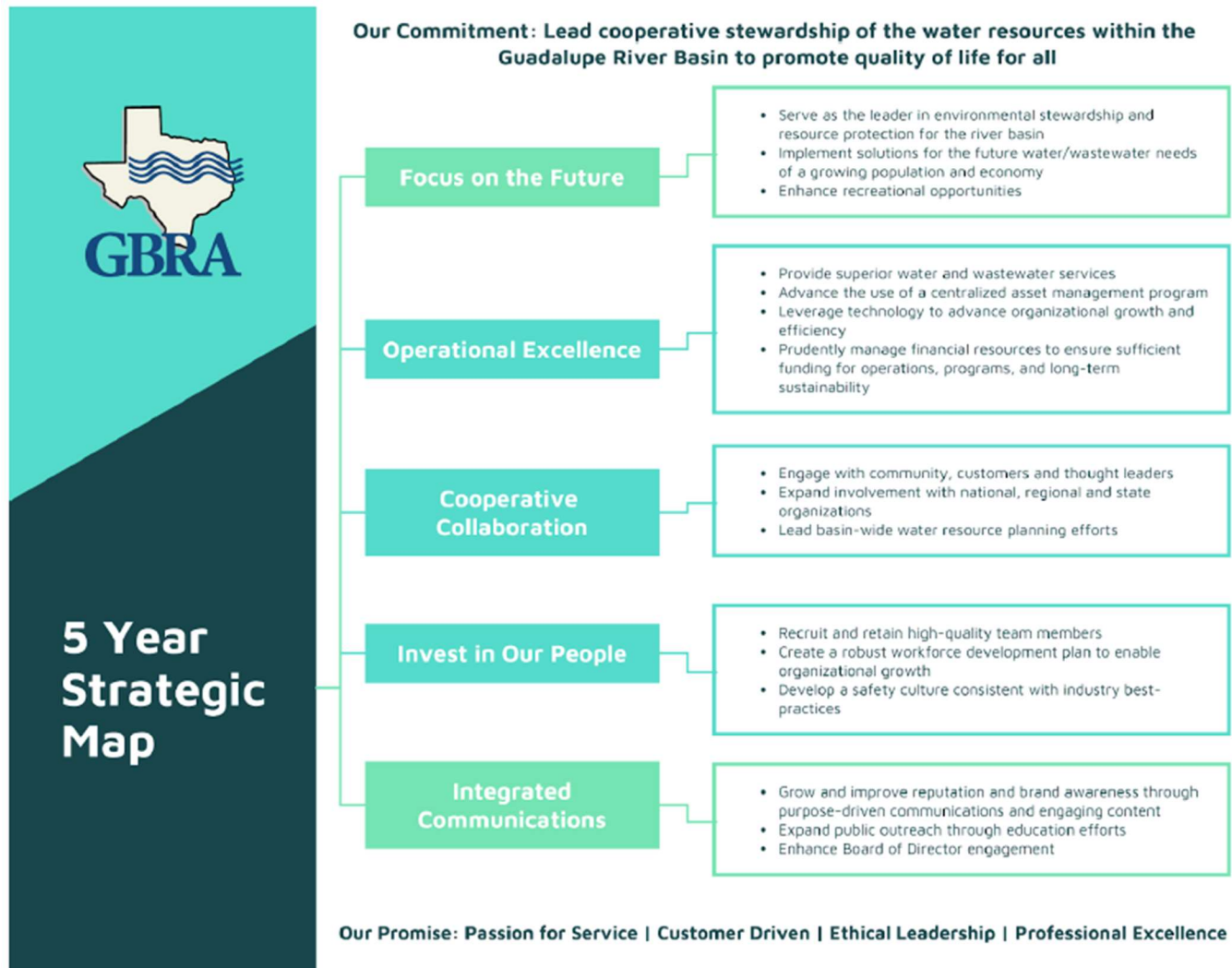
of the new millennium, GBRA assumed operation of two water treatment plants, one for the City of San Marcos and one for the City of Lockhart and constructed a third, the Western Canyon Plant that serves portions of Comal and Kendall Counties. GBRA also constructed two raw water delivery pipelines and 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 56.

II. STRATEGIC PLAN

The previous Strategic Plan was adopted in 2017 and included a ten-year horizon for accomplishment of goals. However, a recommendation by the Sunset Commission of Texas shortly thereafter, included a suggestion to revisit the Strategic Plan every five years instead of ten, providing for a shorter horizon and ability to focus on attainable goals.

In 2021, GBRA undertook the process to develop a new Strategic Plan, this time with the assistance of a consulting firm. The Strategic Plan was adopted by the Board of Directors in the fall of 2022.

At the top of the following page, a strategic map can be found that summarizes five objectives and sixteen initiatives of the Strategic Plan, as well as GBRA's commitment and promise. Although not included on the map, the Strategic Plan also includes assigned personnel for each initiative as well as the target completion dates and key performance indicators. A committee has been formed to assist with implementing the strategic initiatives as well as tracking and reporting on progress.



In developing the FY 2024 Work Plan and Budget, GBRA has included new and continuing budget items in order to accomplish the strategic initiatives as well as those programs that are valued by constituents and customers. On the following page, a summary of direct budgetary line items is included. Please note that many other initiatives are underway using only labor hours and are not reflected in direct budgetary line items.

Budget FY 24
Strategic Plan Alignment

<i>Strategic Map</i>	<i>Direct Budget Items</i>
Focus on the Future <i>Serve as the leader in environmental stewardship and resource protection for the river basin</i> <i>Implement solutions for the future water/wastewater needs of a growing population and economy</i> <i>Enhance recreational opportunities</i>	<p>Continued development of Habitat Conservation Plan and identification of second-party take participants. Participation in Edwards Aquifer Authority recovery implementation program. Ecological assessment of freshwater inflows in the Guadalupe delta. Ongoing participation in Clean Rivers program as well as watershed monitoring at Plum Creek and Geronimo Creek. Collection of baseline species and nutrient data. Conducting research activities to help inform operational decisions.</p> <p>Continued engineering study of Mid-Basin including Aquifer Storage & Recovery. Water rights analysis of the Lower Basin to inform planning efforts.</p> <p>Expansion of trail programs at the Canyon Lake Gorge and Coletto Creek park.</p>
Invest in Our People <i>Recruit and retain high-quality team members</i> <i>Develop a safety culture consistent with industry best practices</i>	<p>Employee engagement and appreciation events provide a social opportunity for gathering. Monthly leadership meetings are planned to keep managers aware of ongoing activities.</p> <p>Online safety training programs, safety gear and supplies for use in operations and protocols.</p>
Integrated Communications <i>Grow and improve reputation and brand awareness through purpose-driven communications and engaging content</i>	<p>Rebranding efforts include the education of customers and constituents.</p>

Note> Many other initiatives are scheduled to be addressed during FY 24 but only require labor hours as opposed to direct costs.

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 to create 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 26-36.

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 37-39, 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 42.

A net decrease of 9.5 positions are included in the Work Plan for FY 2024 in comparison to the previous year's Work Plan. The position changes by division are identified in the staffing summary table on page 41.

VI. MAJOR ELEMENTS

Described below are some of the major elements in the GBRA Work Plan and Budget for FY 2024 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. A portion of ongoing costs associated with the 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). The construction project at Lake Dunlap to replace the spillgates and other infrastructure is scheduled to be completed in the fall of 2023. Similar construction projects at Lake McQueeney and Lake Placid began in June 2023 with a planned two-year construction cycle, subject to weather events that may impact the construction timeline.
- B. In the Guadalupe Valley and Canyon Hydroelectric Divisions, once operational, 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 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 serves the high growth area along Highway 46 between New Braunfels and Seguin. This area is slated to 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 was completed in 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 3,100 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 2024 is the completion of a mitigation project of fresh water zebra mussels that affect the intake pipe leading to the plant.

- C. GBRA's commitment emphasizes 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, Caldwell, Comal, and Kendall Counties.
- E. GBRA's contract rate for firm water is budgeted at \$175 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 2024 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 2024 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 projects 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 is being 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. Laboratory personnel do much more than just analyze samples. They also provide valuable technical assistance to GBRA's operations, local utilities, and residents within the river basin as well as assist educators throughout the basin.
- J. 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.
- K. 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.
- L. 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.
- M. 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.
- N. 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.
- O. 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 delivered in 2024. The project is being expanded to include an increase to 24,000 acre-feet to provide water to additional customers.
- P. The Alliance Water Treatment Plant is managed by the Alliance Regional Water Authority. GBRA was selected by Alliance to operate the plant, well fields, and pipelines that serve customers of both Alliance and GBRA. The plant will be fully operational in early 2024.

Recreation and Tourism Development

- A. GBRA operates three park facilities, including the Coletto 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 commitment. 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 emphasize employee and public safety, professional development, and succession planning. In an effort to stay abreast of current trends, staff member attend 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). The TCDRS plan provides a valuable retirement benefit to employees over the long term and will eventually reduce 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, Coletto Creek Reservoir, Luling Water Treatment Plant, Canyon Hydroelectric, Lockhart Wastewater Reclamation System, Lockhart Water Treatment Plant, Boerne ISD Wastewater Treatment Plant, and the Alliance Water 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.

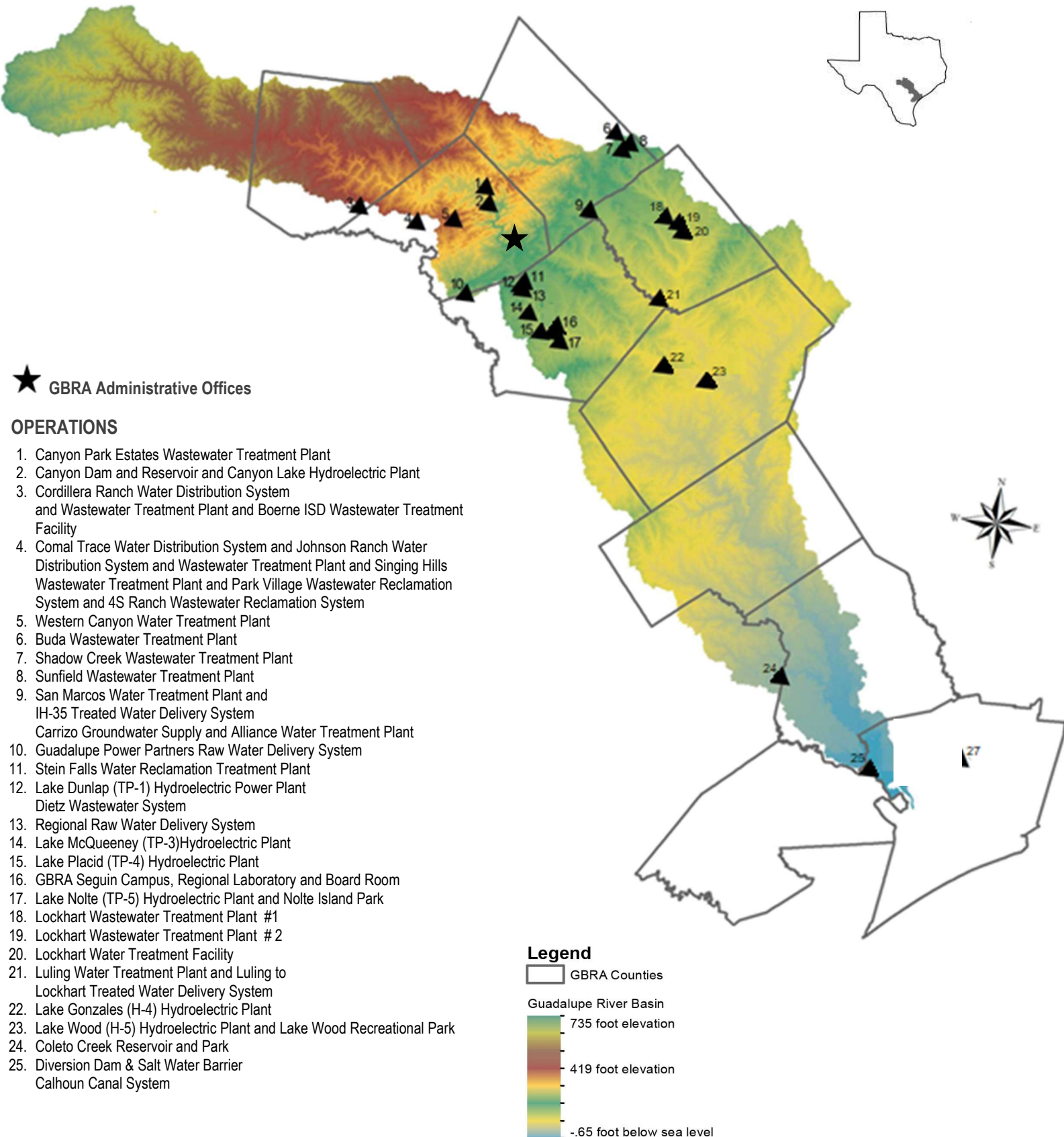
VIII. RATES

A table of rates and rate structures on pages 62-72 in the Financial Summary section summarizes GBRA's existing and proposed rates. The rates listed for FY 2024 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 2023 to FY 2024 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)
Coletto 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

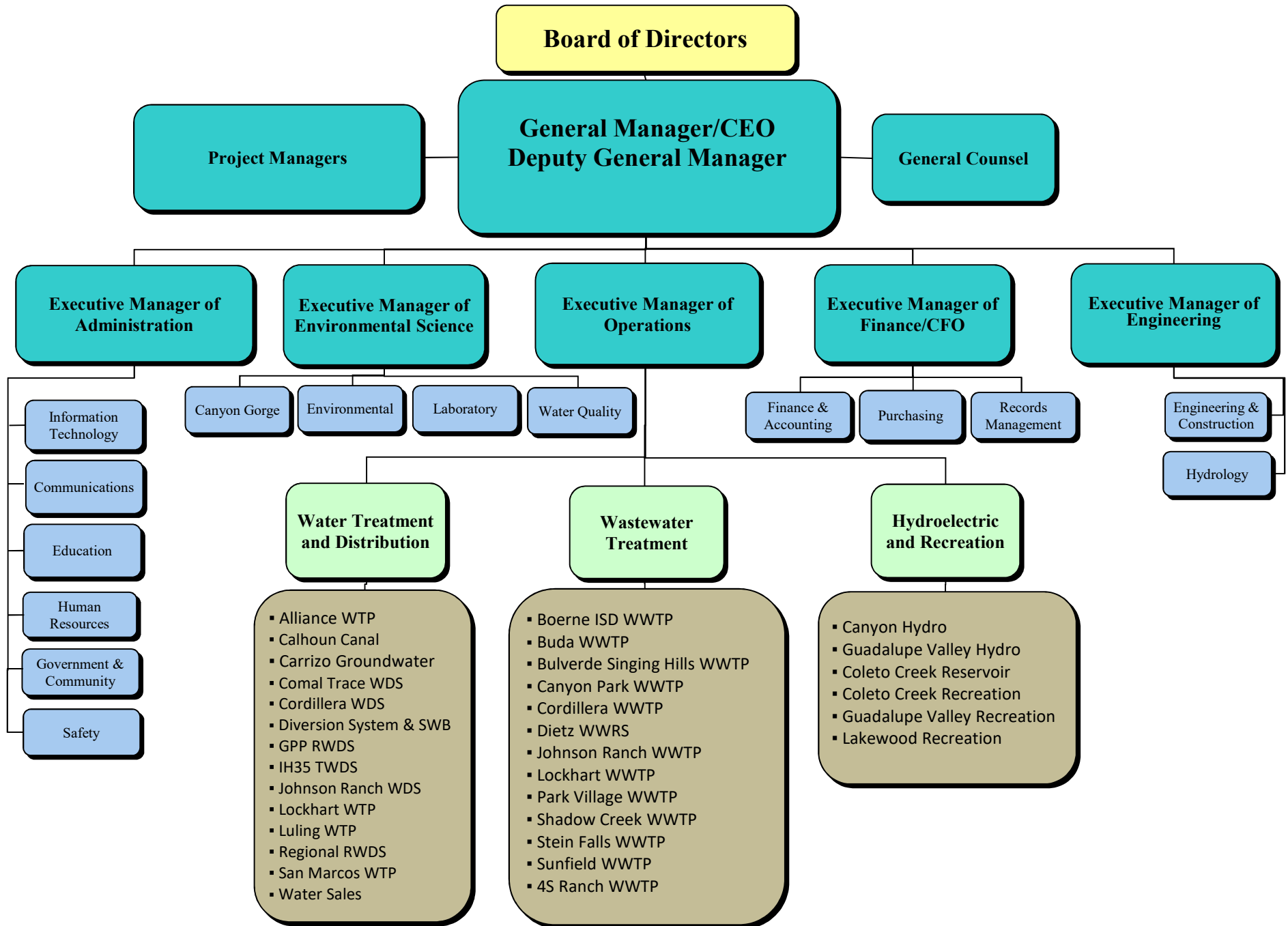
Guadalupe-Blanco River Authority

Created underVernon's Civil Statutes, Article 8280-106
 Year Created1933
 Domicile..... New Braunfels, Texas
 Last Revision of Enabling Act1975
 Last Revision of Bylaws2012
 Population of District624,049
 Area of District..... 7,300 square miles
 Average Annual Rainfall of District 33.02 In.
 Web-site..... www.gbra.org

Offices

Administrative Office	2225 E. Common St	New Braunfels, Texas
Buda Wastewater Treatment Plant	575 Garison Rd.	Buda, Texas
Coleta Creek Park and Reservoir	365 Coleta Park Rd.	Fannin, Texas
Calhoun Canal	Hwy 316	Port Lavaca, Texas
Hydroelectric Divisions, Water Sales and Laboratory	933 E. Court St.	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 Rd.	Lockhart, Texas
Luling Water Treatment Plant	350 Memorial Dr.	Luling, Texas
San Marcos Water Treatment Plant	91 Old Bastrop Rd.	San Marcos, Texas
Sunfield Wastewater Treatment Plant	Satterwhite Rd.	Buda, Texas
Western Canyon Division	4775 South Cranes Mill Rd.	Canyon Lake, Texas
Canyon Lake Gorge	16029 South Access Rd.	Canyon Lake, Texas

Guadalupe-Blanco River Authority Operational Chart



List of Principal Customers

Guadalupe Valley Electric Cooperative
New Braunfels Utilities
Canyon Lake Gorge Customers
Coletto 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



WASTEWATER TREATMENT CUSTOMERS

WATER TREATMENT CUSTOMERS

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
Coletto 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
Texas Water Company

Alliance Regional Water Authority
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 San Marcos
Cordillera Ranch
Goforth Special Utility District
New Braunfels Utilities
San Antonio Water System

Operating Statistics

Operating Statistics	Actual			Budget	
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Water Treatment Customers:					
<i>Total Retail Water Distributed (Gal.)</i>					
Comal Trace WDS	45,788,000	42,155,000	50,935,000	42,000,000	45,000,000
Cordillera WDS	131,719,000	183,293,300	210,665,700	286,000,000	286,000,000
Johnson Ranch WDS	101,218,100	90,047,166	127,650,800	160,000,000	175,000,000
<i>Total Water Treated (Gal.)</i>					
Lockhart Water Treatment Plant	561,983,000	499,981,000	515,344,000	552,523,000	552,523,000
Luling Water Treatment Plant	664,876,000	670,258,000	613,127,000	660,034,000	481,950,000
San Marcos Water Treatment Plant	4,426,520,000	4,838,971,000	5,024,034,000	4,921,981,000	5,000,000,000
Western Canyon Water Treatment Plant	4,277,936,585	3,686,000,000	3,994,430,000	3,650,000,000	3,650,000,000
Wastewater Treatment Customers:					
<i>Total Retail Wastewater Collected (Gal.)</i>					
Boerne ISD WWTP	605,865	593,000	799,000	850,000	800,000
Canyon Park WWTP	22,673,000	25,570,000	23,300,000	23,000,000	27,000,000
Cordillera WWTP	20,922,000	21,180,000	22,780,000	22,500,000	25,500,000
4S Ranch WWTP	--	4,550,000	33,780,000	38,000,000	44,000,000
Johnson Ranch WWTP	21,104,000	26,070,000	46,100,000	32,000,000	56,000,000
Shadow Creek WWTP	90,980,000	90,930,000	92,100,000	108,000,000	111,000,000
Stein Falls WWTP	121,000,000	156,300,000	162,600,000	170,000,000	224,000,000
Sunfield Wastewater Treatment Plant	102,070,000	127,900,000	168,960,000	195,000,000	233,000,000
<i>Total Wastewater Treated (Gal.)</i>					
Buda Wastewater Treatment Plant	409,440,000	452,900,000	469,040,000	489,000,000	494,000,000
Bulverde Singing Hills WWTP	14,389,000	17,810,000	29,840,000	30,000,000	35,000,000
Lockhart Wastewater Reclamation System	370,710,000	399,600,000	345,500,000	412,010,000	396,590,000
Park Village WWTP	--	6,230,000	10,820,000	12,000,000	14,000,000
Water Sales Customers:					
<i>Rice Irrigation First Crop (Acres)</i>					
Calhoun Canal System	--	--	2,946.61	1,146	2,306.45
<i>Water Delivered (Gal.)</i>					
Guadalupe Power Partners RWDS	1,216,478,000	1,019,613,000	1,223,340,000	1,116,276,000	1,158,264,000
IH 35 TWDS	1,889,170,000	2,238,775,000	2,592,283,000	2,203,816,000	2,758,641,000
Regional RWDS	5,552,465,000	5,931,172,000	6,321,803,000	6,111,800,000	6,111,801,000
Lu-Lo TWDS	409,605,000	418,478,000	329,821,000	405,355,000	227,271,000
Power Sales:					
<i>Total Generation (kWh)</i>					
Guadalupe Valley Hydroelectric Division	21,878,000	19,850,000	9,824,000	--	--
Canyon Hydroelectric Division	1,226,900	46,000	595,000	--	--

Operating Statistics

Operating Statistics (cont.)	Actual			Budget	
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Other Services:					
<i>Annual Permits</i>					
Coletto Creek Regional Park	366	210	249	225	225
Lake Wood Recreational Park	3	5	--	--	--
<i>Camping Permits</i>					
Coletto Creek Regional Park	12,877	16,594	17,061	10,080	6,800
Lake Wood Recreational Park	23	2,755	2,164	350	350
<i>Cabin Permits</i>					
Coletto Creek Regional Park	470	623	700	650	650
<i>Day Use Permits</i>					
Coletto Creek Regional Park	8,417	9,127	11,591	15,000	14,000
Lake Wood Recreational Park	1,318	1,507	1,240	1,750	1,800
<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.

Asset Management Program

The GBRA Asset Management (AM) Program focuses on improving and standardizing utility management practices by providing consistent and transparent prioritization processes and enabling for short and long-term renewal planning which empowers staff with new information, tools and training. By implementing the AM Program, GBRA is improving the analysis and reporting which leads to improved internal and external communication.

The AM Program is comprised of six elements: (1) Asset Inventory, (2) Condition Assessments, (3) Preventive Maintenance, (4) Risk Assessments, (5) Capital Project Development, and (6) Program Review and Improvements.

Asset Inventory

The vertical assets inventoried within the maintenance management system must meet one of the three criteria: (1) requires recurring or preventive maintenance, (2) performs a critical function within the system, or (3) would typically be repaired rather than replaced if it fails. Linear assets (e.g., pipes, distribution valves, manholes) were automatically loaded from GBRA's Geographic Information System (GIS).

The Asset management software tracks and manages the assets GBRA both owns and/or maintains over their lifecycles. Two defined hierarchies have been established, Location and Class. Assets are organized by operating division and budget center for the Location hierarchy. The Class hierarchy categorizes assets by expected life span and type which include equipment, vehicle, structure, area, linear and miscellaneous.

Condition Assessments

Routinely performing condition assessments and assigning condition scores to all GBRA assets allows for GBRA to determine a preventative maintenance program, have risk-based prioritization efforts and develop short and long-term renewal plans. Condition scores for both linear and vertical assets are evaluated utilizing a 1 to 10 scale. GBRA operations staff assess each asset's condition based on the asset's operation and repair history and what is currently being observed or measured. To ensure a consistent and transparent process, detailed condition assessment score definitions are provided as part of the Asset Management Plan.

Preventative Maintenance

Due to the vastly different systems, configurations, asset types, manufacturers, and equipment models that GBRA operates and maintains, the AM Program doesn't specify preventative maintenance tasks or frequency requirements. These decisions are made with each Operating Division for the assets they are responsible for. The AM Program creates and assigns detailed preventative maintenance work orders based on the intervals specified in the database.

Risk Assessments

GBRA developed a standard risk framework and scoring protocols to allow risk to be evaluated consistently across the organization and asset types. The risk scoring framework summarizes the Likelihood of Failure (LoF), Consequence of Failure (CoF), and Redundancy components to produce an asset level risk score.

Capital Project Development

Renewal planning involves modeling asset degradation over time, predicting when assets will fail, and scheduling appropriate renewal events such as rehabilitations or replacements. By building on the information provided in Asset Inventory, Condition Assessments, Preventative Maintenance, and Risk Assessments, current and future asset renewal needs can be forecasted. Renewal needs support GBRA's annual project development, project prioritization, and budget planning processes. Through asset renewal planning, GBRA has better information on its short and long-term asset investment needs and has data to support developing and justifying budgets.

Program Review and Improvements

With creating an AM Program, GBRA understands the importance of evaluating both the progress and processes on the AM Program to ensure the goals of short and long-term renewal planning are being met. Program improvements are considered on an annual basis to review progress made in the previous year and to improve initiatives where necessary. Any changes made within the AM Program are approved by the GBRA Board of Directors.

Budget Calendar

CONTRACTUAL BUDGET DISTRIBUTION	
<u>Date</u>	<u>Task</u>
1-Jun	Mail <i>Alliance WTP</i> budget to Alliance
15-Jun	Mail <i>Coleta Creek Reservoir</i> budget to Coleta Power Group, LP
1-Jul	Mail <i>Shadow Creek WWTP</i> budget to North Hays County MUD
1-Jul	Mail <i>Buda WWTP</i> budget to City of Buda
1-Jul	Mail <i>Boerne ISD Voss Middle School WWTP</i> budget to Boerne ISD
1-Jul	Mail <i>Canyon Hydro</i> budget to New Braunfels Utilities
1-Jul	Mail <i>Lockhart WWTP & WTP</i> budgets to the City of Lockhart
1-Jul	Mail <i>Lake Dunlap, Lake McQueeney, and Lake Placid WCIDs</i> annual payment notice
15-Jul	Mail <i>Singing Hills WWTP</i> budget to City of Bulverde
15-Jul	Mail <i>Luling WTP</i> budget to the City of Luling
1-Aug	Mail <i>Cordillera</i> budgets to Cordillera Ranch, LTD
1-Aug	Mail <i>Johnson Ranch</i> budgets to DH Investment
1-Aug	Mail <i>Park Village WWTP and 4S Ranch WWTP</i> to Comal County WCID #6

BOARD BUDGET DISTRIBUTION	
<u>Date</u>	<u>Task</u>
June Board Meeting	Review proposed budgets with GBRA Board
July Board Meeting	Mail proposed budgets to GBRA Board members
August Board Meeting	Board scheduled to approve 2024 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, 2024.

GBRA Holiday Schedule for Fiscal Year 2024		
Holiday	Day of the Week	Date
Labor Day	Monday	September 4, 2023
Veterans Day	Saturday	November 11, 2023
Thanksgiving	Thursday	November 23, 2023
Thanksgiving	Friday	November 24, 2023
Christmas Eve	Seasonal Holiday	Seasonal holiday to be taken between September 1, 2023 and August 31, 2024
Christmas	Monday	December 25, 2023
Christmas	Tuesday	December 26, 2023
New Year's	Monday	January 1, 2024
Martin Luther King Day	Monday	January 15, 2024
Good Friday	Friday	March 29, 2024
Memorial Day	Monday	May 27, 2024
Juneteenth	Wednesday	Staff required to attend Board Meeting will be notified.
Independence Day	Thursday	July 4, 2023
Floating Holiday		Floating holiday to be taken between September 1, 2023 and August 31, 2024

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

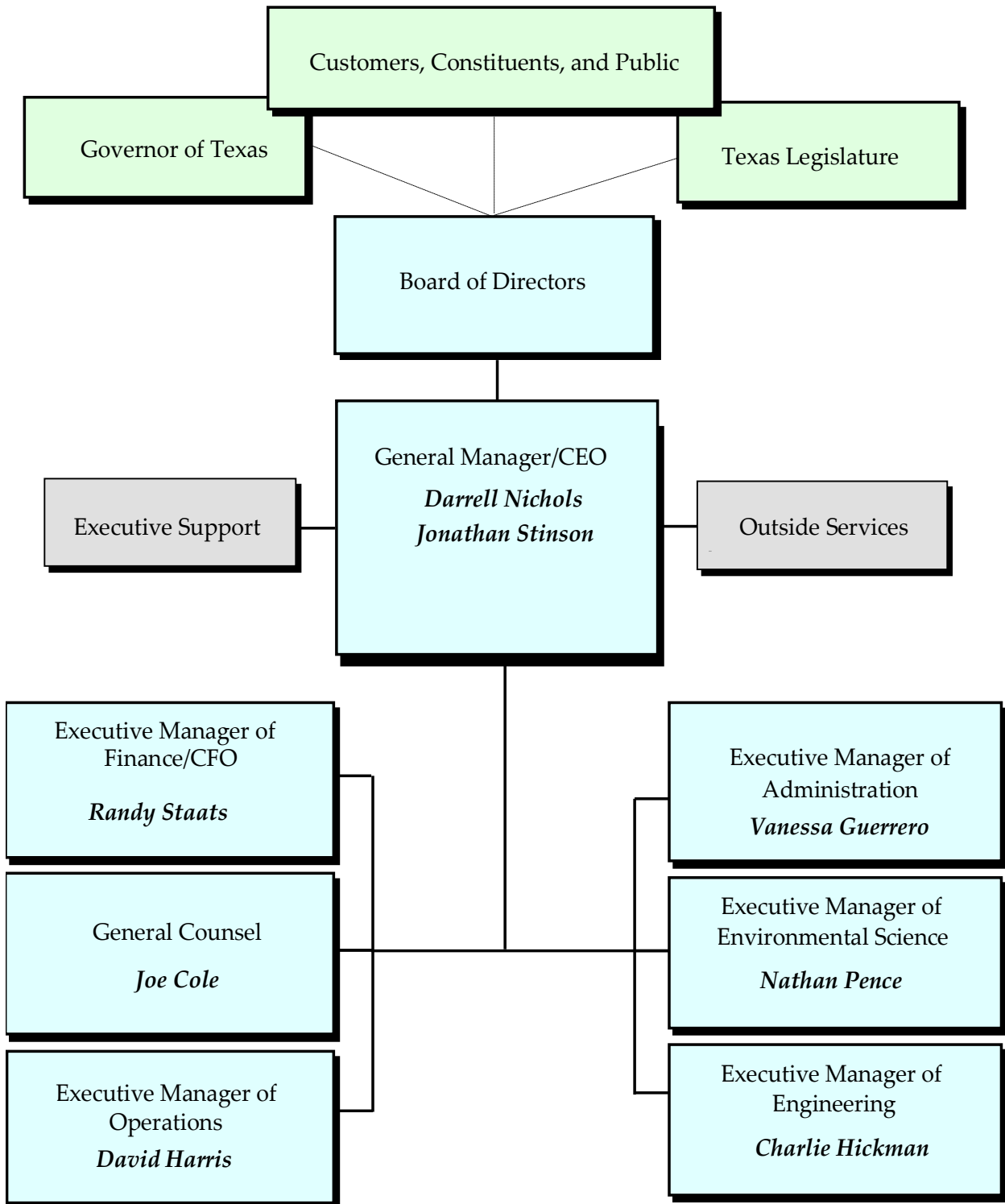
Any changes to the practices and strategies outlined in this document requires consultation and approval by the Board of Directors.

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



This page was intentionally left blank)

GBRA Organizational Chart



GBRA Board of Directors



Dennis L. Patillo
Chair
VICTORIA COUNTY
Reappointed: 2021, Gov. Greg Abbott



Sheila L. Old
Vice-Chair
GUADALUPE COUNTY
Appointed: 2021, Gov. Greg Abbott



Steve Ehrig
Secretary/Treasurer
GARZA COUNTY
Reappointed: 2020, Gov. Greg Abbott



Robert E. Blaschke
Director
REFUGIO COUNTY
Appointed: 2021, Gov. Greg Abbott



William R. Carbonara
Director
DEWITT COUNTY
Reappointed: 2020, Gov. Greg Abbott



James P. Cohoon
Director
KENDALL COUNTY
Appointed: 2023, Gov. Greg Abbott



John P. Cyrier
Director
CALDWELL COUNTY
Appointed: 2023, Gov. Greg Abbott



Don B. Meador
Director
HAYS COUNTY
Reappointed: 2020, Gov. Greg Abbott



Emanuel Valdez
Director
COMAL COUNTY
Reappointed: 2023, 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

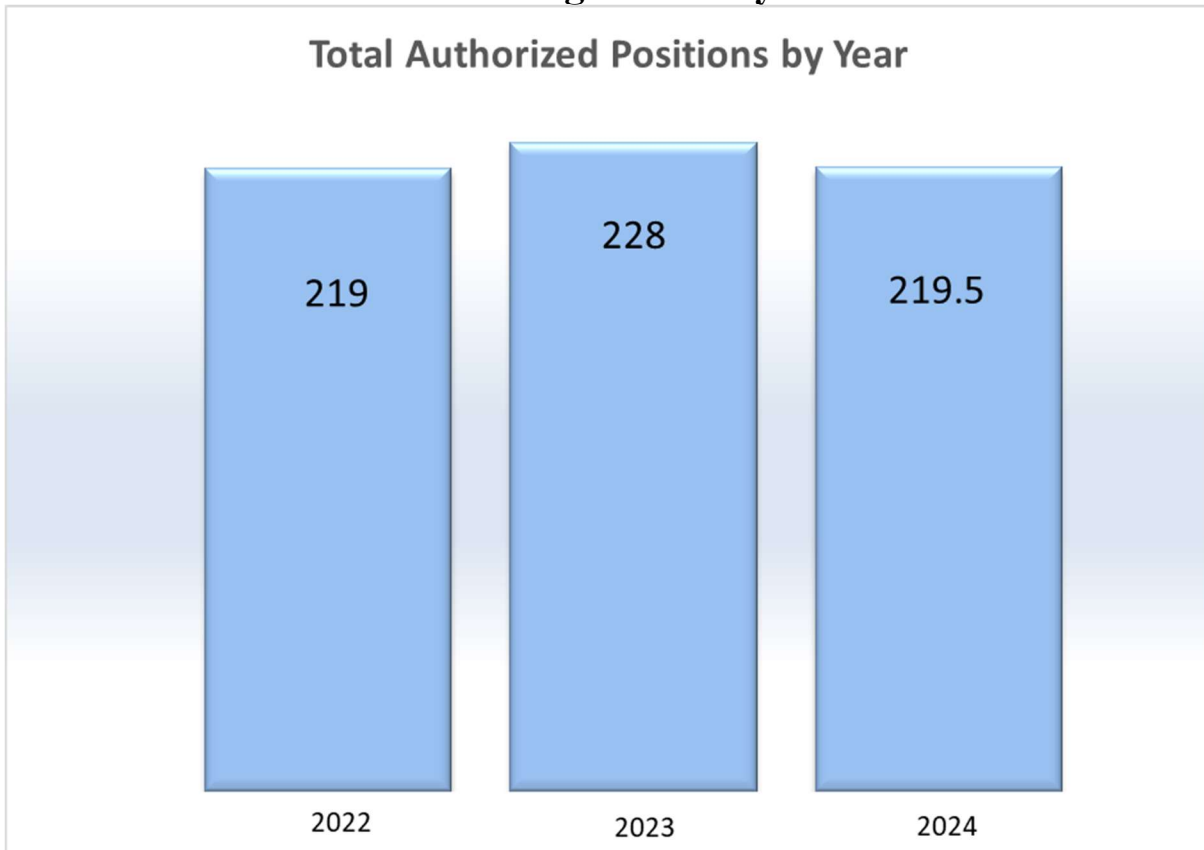
NAME	POSITION	ORIGINAL APPOINTMENT	TERM EXPIRES	COUNTY REPRESENTING
Dennis L. Patillo	Chair	04/05/11	02/01/27	Victoria
Sheila L. Old	Vice Chair	03/17/21	02/01/27	Guadalupe
Stephen B. “Steve” Ehrig	Sec/Treasurer	06/21/18	02/01/25	Gonzales
John P. Cyrier	Director	03/16/23	02/01/29	Caldwell
Emanuel Valdez, Jr.	Director	08/06/21	02/01/29	Comal
William R. Carbonara	Director	05/14/13	02/01/25	Dewitt
Don B. Meador	Director	05/14/13	02/01/25	Hays
James P. Cohoon	Director	03/16/23	02/01/27	Kendall
Robert E. Blaschke	Director	03/16/23	02/01/29	Refugio

Executive Team

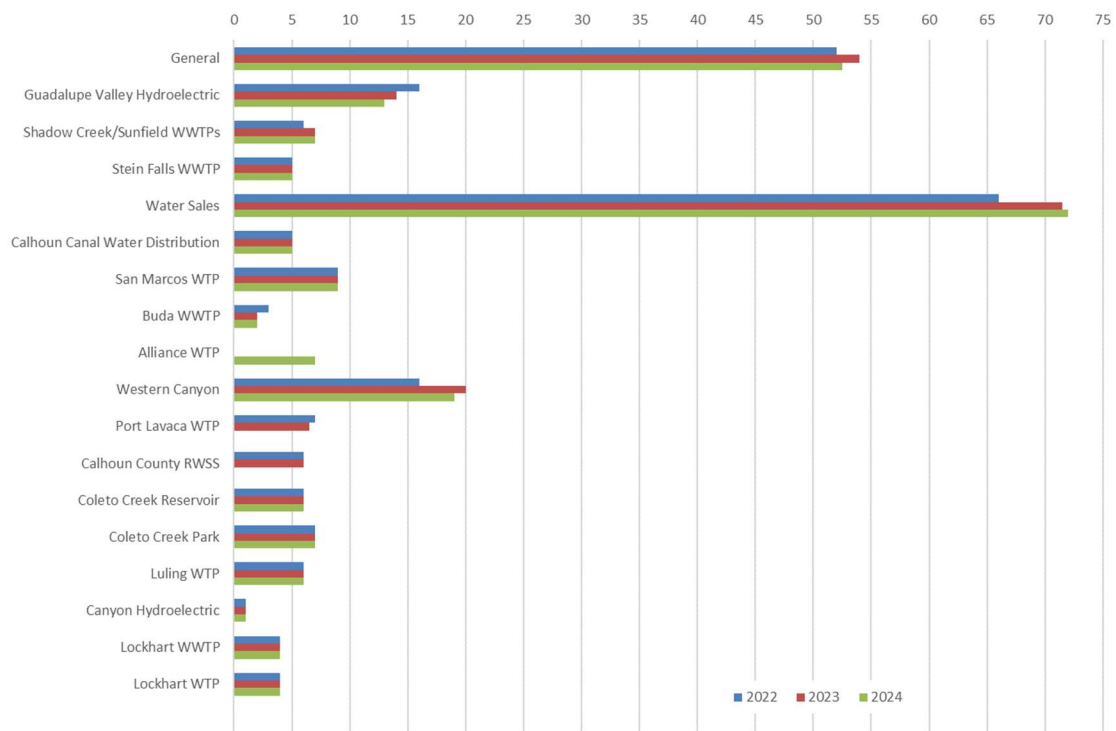
NAME	POSITION
Darrell Nichols	General Manager/CEO
Jonathan Stinson	Deputy General Manager
Joe Cole	General Counsel
Vanessa Guerrero	Executive Manager of Administration
Charlie Hickman	Executive Manager of Engineering
Nathan Pence	Executive Manager of Environmental Science
Randy Staats	Executive Manager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

Staffing Summary

Total Authorized Positions by Year



Authorized Positions by Division



Staffing Summary

Division	# of Authorized Positions (FTE)			Increase/ (Decrease)
	2022	2023	2024	
General	52	54	52.5	-1.5
Guadalupe Valley Hydroelectric	16	14	13	-1
Shadow Creek/Sunfield WWTPs	6	7	7	0
Stein Falls WWTP	5	5	5	0
Water Sales	66	71.5	72	0.5
Calhoun Canal Water Distribution	5	5	5	0
San Marcos WTP	9	9	9	0
Buda WWTP	3	2	2	0
Alliance WTP	0	0	7	7
Western Canyon	16	20	19	-1
Port Lavaca WTP	7	6.5	0	-6.5
Calhoun County RWSS	6	6	0	-6
Coletto Creek Reservoir	6	6	6	0
Coletto Creek Park	7	7	7	0
Luling WTP	6	6	6	0
Canyon Hydroelectric	1	1	1	0
Lockhart WWTP	4	4	4	0
Lockhart WTP	4	4	4	0
Total	219	228	219.5	-8.5

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 Managers
Controller	Senior Engineering Director

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

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

(*) = 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
Deputy General Manager	010	Executive
Senior Project Manager	010	Executive
Executive Manager of Administration	010	Executive
Executive Manager of Finance/CFO	010	Executive
General Counsel	010	Executive
Special Projects Manager (P/T)	010	Executive
Deputy CFO-Finance & Admin	010	20
Assistant General Counsel	010	19
Associate General Counsel	010	19
Controller	010	19
Communication Director	010	18
Director of Government & Community Affairs	010	18
Human Resources Director	010	18
IT Director	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 Integrator	010	16
SCADA Technician	010	16
SCADA Technician	010	16
System Administrator	010	16
Risk Management Coordinator	010	15
Executive Assistant to the General Manager	010	15
GIS Analyst	010	15
Paralegal	010	15
Records Manager	010	15
Treasury & Budget Coordinator	010	15
Payroll Coordinator	010	15
Accountant	010	14
Community Affairs Coordinator	010	14
Media Specialist	010	14
Accounting Specialist II	010	13
Buyer	010	13
Communications Specialist	010	13
Customer Service Assistant	010	13
Environmental Education Specialist	010	13
Help Desk Technician	010	13

POSITION	SYSTEM	PAY GRADE
EXECUTIVE AND ADMINISTRATIVE STAFF		
Human Resources Specialist	010	13
Utility Billing/Customer Service Specialist	010	13
Accounting Specialist I	010	12
Customer Service Specialist II	010	12
Records Specialist	010	12
Strategic & Communications Manager	010	
IT Operations/Project Mgr	010	
Help Desk Supervisor	010	
Communications Project Manager (P/T)	010	
PROJECT ENGINEERING & DEVELOPMENT		
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 Controls Analyst	041	15
Electrical/Instrumentation Controls Analyst	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 Science	041	20
Aquatic Biologist	041	16
Senior Environmental Services Administrative Assistant	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 Assistant Manager	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, Lead Program Assistant	041	11
Laboratory Administrator	041	16
Laboratory Lead Analyst	041	15
Customer Project Manager I	041	13
Laboratory Technician I	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
POSITION	SYSTEM	PAY GRADE
OPERATIONS		
Executive Manager of Operations	041	Executive
Deputy Executive Manager of Operations	041	20
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	12

POSITION	SYSTEM	PAY GRADE
OPERATIONS (Continued)		
Hays Wastewater Manager	030	15
Lead Operator	030	14
Operator III	030	14
Operator III	030	13
Chief Operator	033	16
Operator IV	033	14
Operator II	033	13
Operator III	033	13
Operator-Wastewater System	033	12
Operator II	037	13
Operator II/Collections System Crewman	037	12
Operator I-Wastewater	037	12
Electrical/Instrumentation Technician Supervisor	041	16
Collection System/Pipeline Supervisor	041	15
Electrical/Instrumentation Technician	041	15
Collection System/Pipeline Maintenance Crew	041	14
Electrical/Instrumentation Technician	041	14
Electrical/Instrumentation Technician	041	14
Electrical/Instrumentation Technician	041	14
Collection System/Pipeline Maintenance Crew	041	13
Collection System/Pipeline Maintenance Crew	041	13
Electrical/Instrumentation Technician	041	13
Facilities Technician	041	13
Collection System/Pipeline Maintenance Crew	041	12
Collection System/Pipeline Maintenance Crew	041	12
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 IV	044	14
Operator III	044	13
Operator III	044	13
Operator III	044	13
Operator II	044	12
Operator II	044	12
Operator III	044	12

POSITION	SYSTEM	PAY GRADE
OPERATIONS (Continued)		
Operator IV	045	14
Operator I/Collection System Crewman	045	12
Chief Operator	048	15
Operator IV	048	14
Operator II	048	13
Operator	048	12
Operator	048	12
Operator	048	12
Pipeline Operator	048	12
Pipeline Operator	048	12
Chief Operator	050	16
Chief Operator	050	15
Chief Operator	050	15
Operator – Wastewater/Water	050	14
Operator III	050	14
Operator -Wastewater/Water	050	14
Pipe/Collections Operator	050	14
Distribution/Plant Operator III	050	13
Operator II	050	13
Operator II	050	13
Operator II-Distribution	050	13
Operator III	050	13
Collection System/Pipeline Maintenance Crew	050	12
Maintenance Technician/Operator II	050	12
Operator	050	12
Operator I	050	12
Operator I	050	12
Operator II-Wastewater	050	12
Operator-Wastewater/Water	050	12
Reservoir Manager-Coleto Division	091	17
Electrical/Instrumentation Technician	091	13
Maintenance Crew	091	13
Administrative Assistant Senior	091	12
Maintenance Crew	091	12
Maintenance Crew	091	12
Chief Ranger	092	15
Reservoir Ranger II	092	13
Administrative Assistant I	092	12
Reservoir Ranger	092	12
Reservoir Ranger	092	12
Reservoir Ranger I	092	12
Reservoir Ranger I	092	12

POSITION	SYSTEM	PAY GRADE
OPERATIONS (Continued)		
Chief Operator	100	15
Operator IV	100	14
Operator IV	100	14
Operator II	100	13
Operator II	100	12
Operator I	100	11
Maintenance Mechanic Crewman	120	13
Chief Operator	130	15
Operator IV	130	14
Maintenance Tech/Operator II	130	13
Operator II	130	12
Operator IV	131	15
Operator III	131	13
Operator III	131	13
Operator I	131	12

Wage Compensation Structure

Grade	Minimum	Midpoint	Maximum	Grade
9	\$ 22,839	\$ 30,452	\$ 38,066	9
10	\$ 26,265	\$ 35,020	\$ 43,775	10
11	\$ 30,205	\$ 40,273	\$ 50,341	11
12	\$ 34,736	\$ 46,314	\$ 57,892	12
13	\$ 39,945	\$ 53,261	\$ 66,576	13
14	\$ 45,938	\$ 61,250	\$ 76,563	14
15	\$ 52,829	\$ 70,438	\$ 88,047	15
16	\$ 60,752	\$ 81,003	\$ 101,254	16
17	\$ 69,866	\$ 93,154	\$ 116,443	17
18	\$ 80,345	\$ 107,127	\$ 133,908	18
19	\$ 92,397	\$ 123,196	\$ 153,995	19
20	\$ 106,257	\$ 141,675	\$ 177,094	20
21	\$ 122,195	\$ 162,926	\$ 203,659	21
22	\$ 140,524	\$ 187,366	\$ 234,208	22
23	\$ 161,603	\$ 215,471	\$ 269,338	23



(This page was intentionally left blank)

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

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	5,072,451	5,748,156	700,000	0	24,295
GV Hydro	0	905,450	0	0	(905,450)
Lake Dunlap	582,618	500,000	1,453,649	1,453,649	82,618
Lake McQueeney	0	196,167	1,783,050	1,783,050	(196,167)
Lake Placid	0	192,167	1,400,095	1,400,095	(192,167)
Hydroelectric	582,618	1,793,784	4,636,794	4,636,794	(1,211,166)
RUD-Shadow Creek	1,280,652	1,114,881	0	0	165,771
RUD-Canyon Pk	543,868	549,990	0	0	(6,122)
RUD-Stein Falls	3,934,400	2,005,200	0	1,772,347	156,853
RUD-Sunfield	3,018,504	1,135,060	0	1,402,300	481,144
RUD-Dietz	70,579	84,058	0	272,267	(285,746)
RUD	8,848,003	4,889,189	0	3,446,914	511,900
WR-Water Sales	28,213,058	24,732,177	3,844,207	7,325,088	0
WR-Canal	1,795,234	1,711,336	0	83,898	0
WR-San Marcos	3,080,045	3,080,045	0	0	0
WR-Buda	1,463,270	1,463,270	0	0	0
WR-Carrizo	1,575,000	1,568,328	8,157,536	7,415,943	748,265
WR-Alliance	2,599,041	2,599,041	0	0	0
Water Resources	38,725,648	35,154,197	12,001,743	14,824,929	748,265
WC-WTP	5,189,753	5,179,468	4,771,507	4,773,407	8,385
WC-4S Ranch WW	652,691	652,691	0	0	0
WC-Cordillera WDS	1,461,250	1,298,394	0	0	162,856
WC-Cordillera WWTP	562,750	726,356	0	0	(163,606)
WC-Comal Trace	340,000	397,750	0	0	(57,750)
WC-Johnson Ranch WDS	1,090,000	943,258	0	0	146,742
WC-Johnson Ranch WW	530,500	538,717	0	0	(8,217)
WC-Singing Hills WWRS	519,030	519,030	0	0	0
WC-Park Village WWRS	502,896	502,896	0	0	0
WC-Boerne ISD WWTP	96,061	96,061	0	0	0
Western Canyon	10,944,931	10,854,621	4,771,507	4,773,407	88,410
CC-Reservoir	946,054	946,054	0	0	0
CC-Recreation	1,020,874	1,020,874	0	0	0
Coletto Creek	1,966,928	1,966,928	0	0	0
Luling	1,662,567	1,656,702	449,416	449,416	5,865
Canyon Hydro	521,995	521,995	0	0	0
Lockhart-WWTP	1,604,554	1,604,554	0	0	0
Lockhart-WTP	960,020	960,020	0	0	0
Lockhart	2,564,574	2,564,574	0	0	0
	70,889,715	65,150,146	22,559,460	28,131,460	167,569

Financial Summary

Capital Improvement Program

Designated Projects

Project #	Division	Funding Source	Project Description	Previous Funding	Current/ Future Funding	TOTALS
1	041 - Water Sales	Budget	Corp of Engineers - Dam Costs/Projects	\$1,176,712	\$0	\$1,176,712
2	050 - Western Canyon	Plant Rate	SH 46 Pipeline Relocation	\$0	\$605,000	\$605,000
TOTALS				\$1,176,712	\$605,000	\$1,781,712

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

- 1 Contractual obligation for Corp of Engineers O & M costs, building up for large Corp projects.
- 2 Relocation of water line due to road expansion by TxDOT. Estimated amount of "betterment" that will not be 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	\$0	\$25,000,000	\$25,000,000
C	041 - Water Sales	Bond Sale/Other	Carrizo Groundwater Supply Project	\$252,625,000	\$72,665,000	\$325,290,000
TOTALS				\$252,625,000	\$97,665,000	\$350,290,000

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

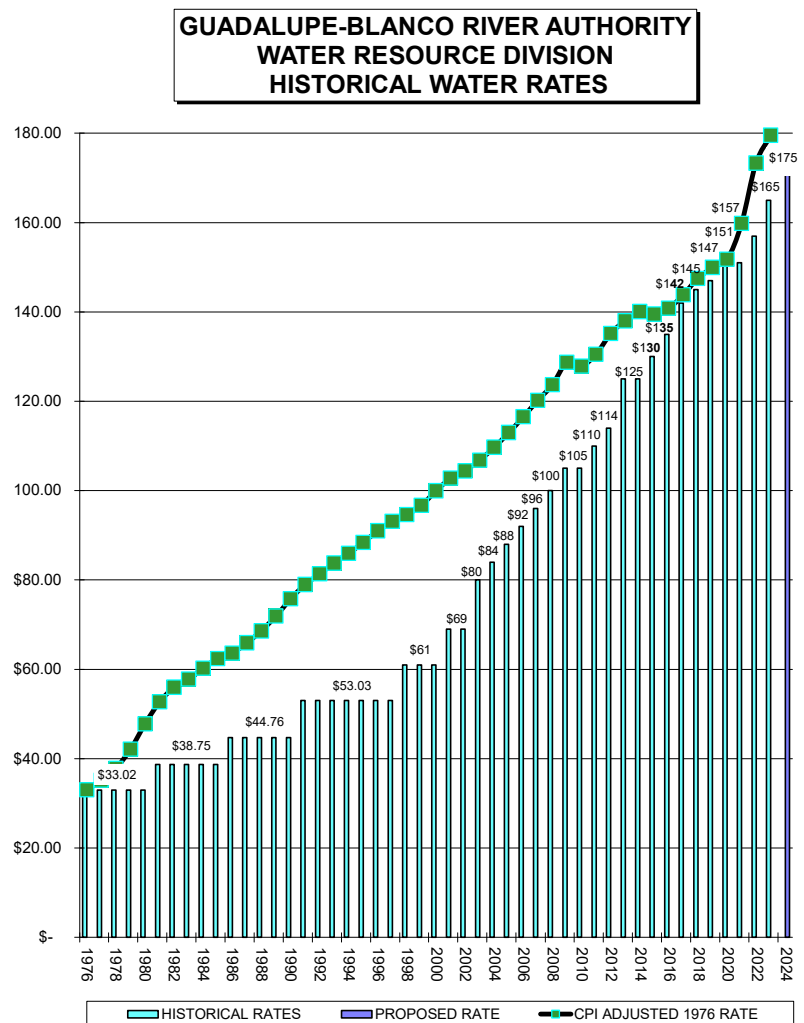
- A Construction of expansion of treatment plant. Design was funded from previous bond issue.
- B Design, engineering, and construction of groundwater distribution project, expanded to include additional customers in 2022.

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 \$165 to \$175 per acre-foot per year (AF).

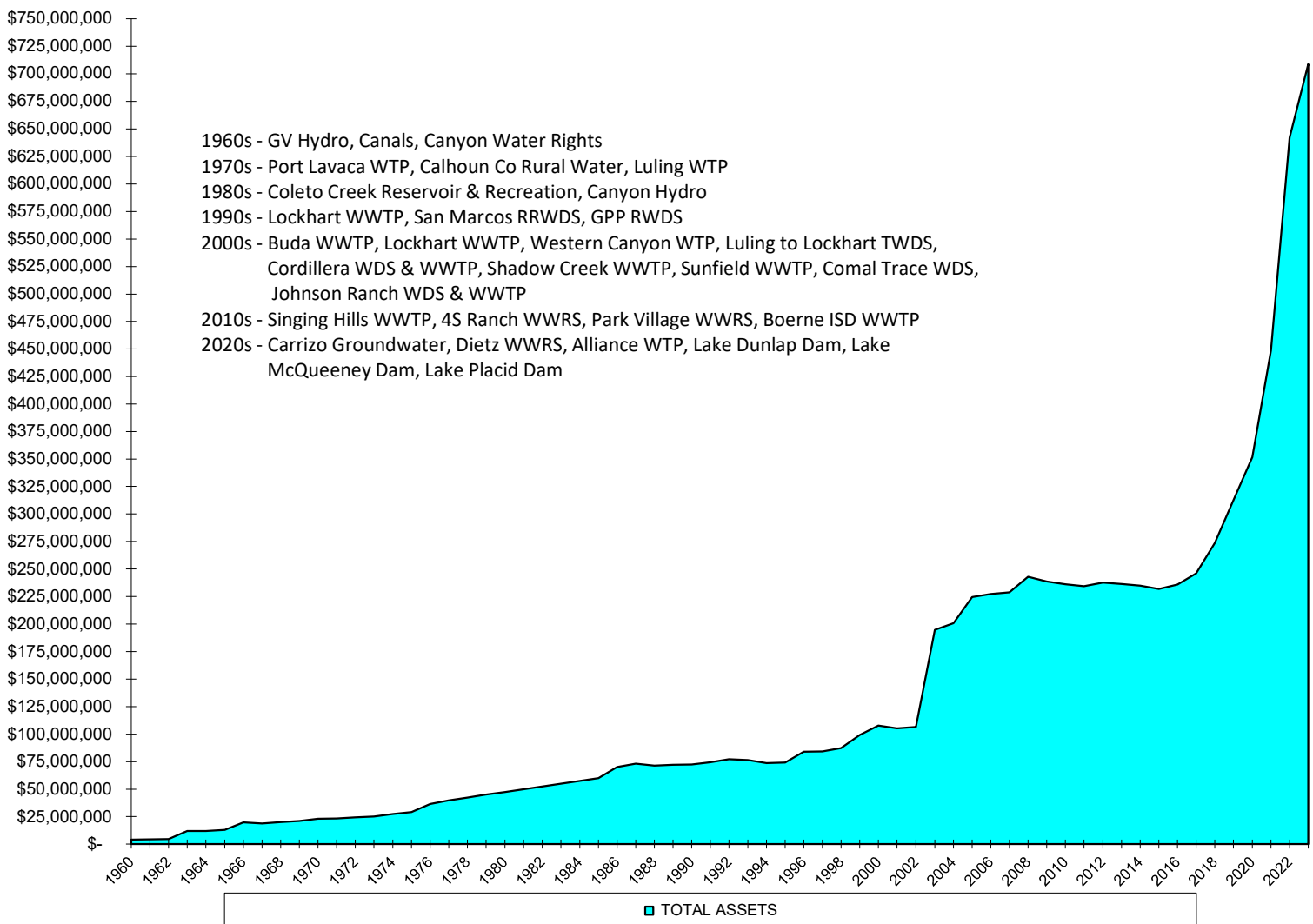


Financial Trend

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 Alliance Water Treatment Plant in 2023. In FY2022 GBRA began collecting debt for Lake Dunlap, Lake McQueeney and Lake Placid dams and spillgate replacement projects. It is anticipated that Lake Dunlap will be operational in 2023; however, the construction for Lake McQueeney and Lake Placid is scheduled to be completed and operational in 2025.

The growth of GBRA operations is depicted on the following graph:

GUADALUPE-BLANCO RIVER AUTHORITY FINANCIAL TREND DATA

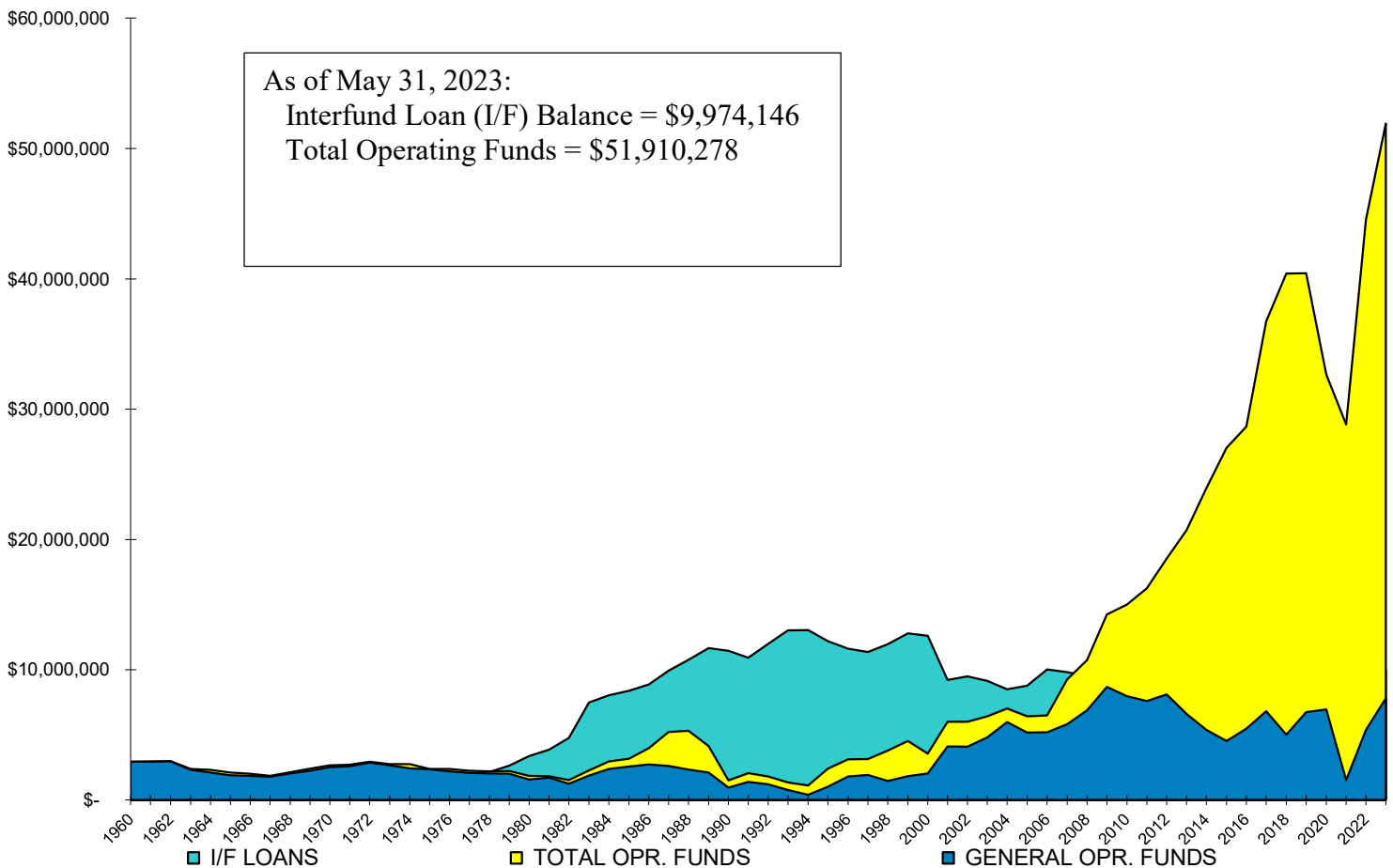


Financial Reserve Data

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.

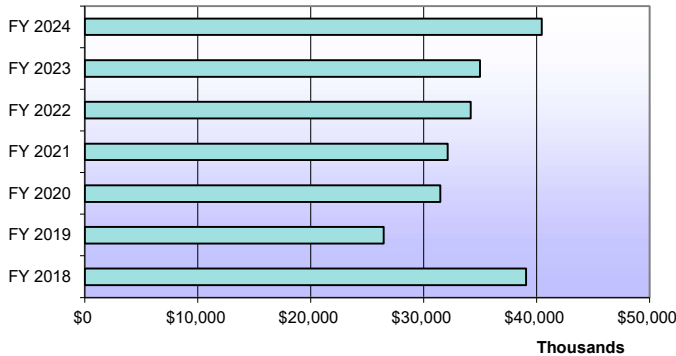
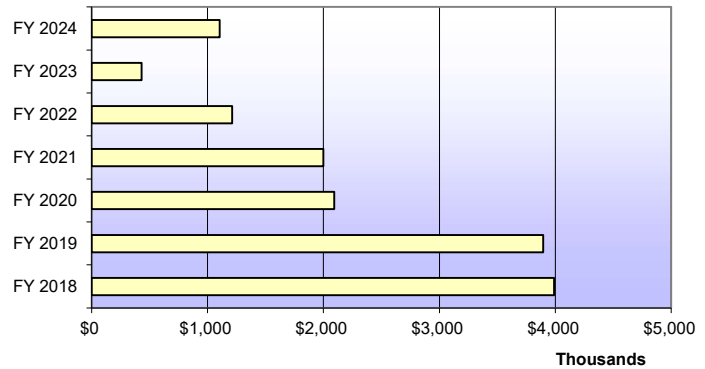
The FY 2024 Budget sustains the Board's working capital reserve policy.



Historical Operating Revenues

Power Sales

Historically 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 and fixed component declined as a result of contract amendments. The revenue in FY2024 is debt service revenue for construction debt per contracts with Lake Water Control and Improvement Districts.



Water Sales and Reservoir

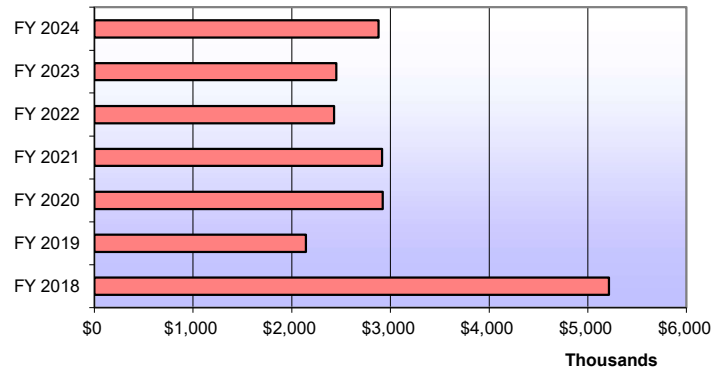
Water Sales and Reservoir revenues are derived from the sale of raw and treated water to customers throughout the river basin. These have generally increased over the years due to the demand for more water; the initiation of water projects such as the Carrizo groundwater project, and the associated project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

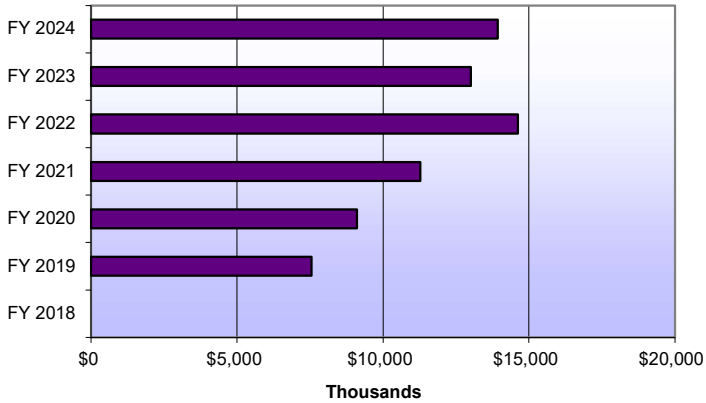
Wastewater Services

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 1,306,990/M gal. in 2018 to a projected 1,660,890/M gal. in 2024.

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



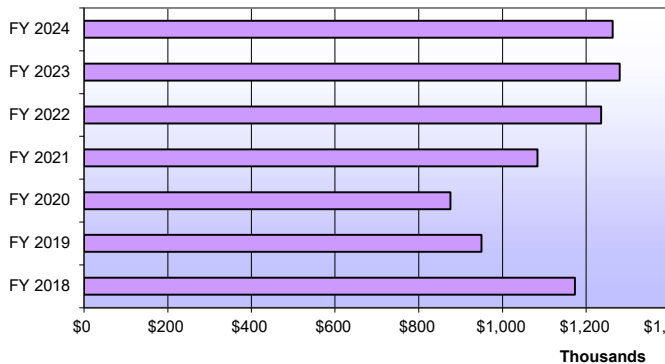
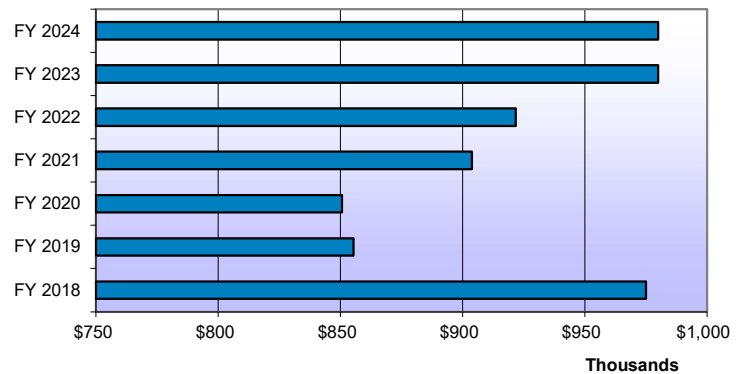
Retail Water and Wastewater Sales

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.



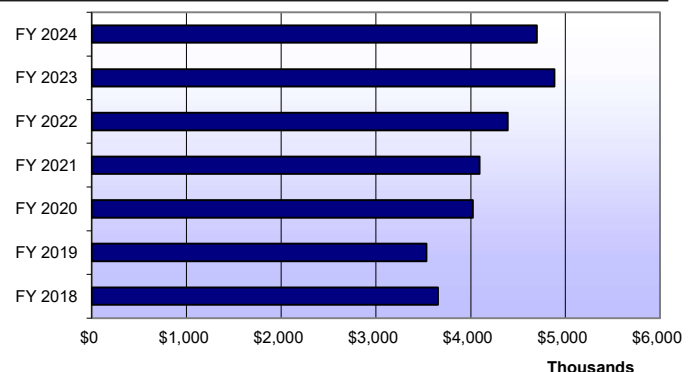
Recreation & Other Rentals

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.

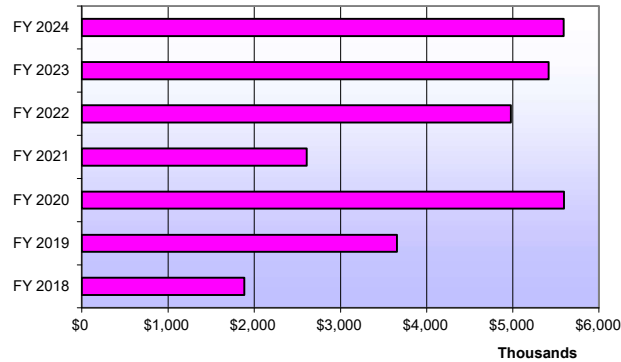
Other income is from the rental of building facilities and leasing of land.

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

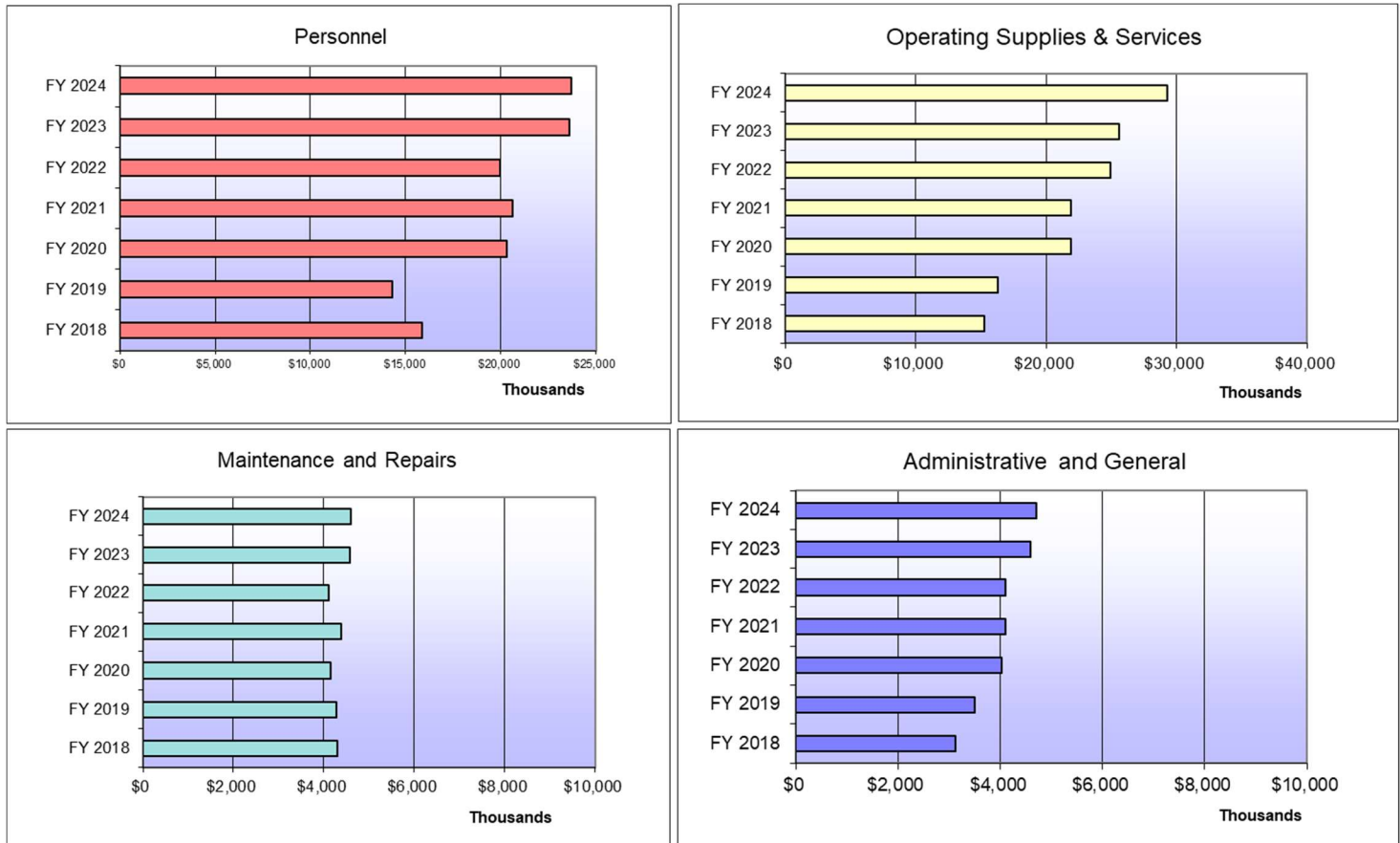
Operating Revenue Trend

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

Revenues	FY 2018 Actual	FY 2019 Actual	FY 2020 Actual	FY 2021 Actual	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales	3,988,040	3,895,226	2,093,180	1,998,562	1,213,422	432,813	1,104,613
Water Sales & Reservoir Operations	39,055,156	26,434,164	31,461,696	32,119,676	34,171,783	34,980,715	40,443,820
Wastewater Services	5,212,775	2,143,594	2,922,772	2,915,842	2,428,359	2,453,049	2,881,115
Retail Water & Wastewater Sales		7,545,426	9,108,260	11,284,047	14,612,171	13,001,140	13,928,590
Recreation & Other Rentals	1,172,654	949,648	875,494	1,083,429	1,235,781	1,279,849	1,263,455
Laboratory Services	975,000	855,348	850,700	903,721	921,741	980,000	980,000
Administrative & General	3,653,322	3,532,764	4,021,980	4,092,930	4,388,922	4,885,106	4,697,807
Miscellaneous Income	1,885,333	3,655,206	5,593,980	2,607,335	4,979,541	5,415,137	5,590,315
Total	55,942,280	49,011,376	56,928,062	57,005,542	63,951,720	63,427,809	70,889,715

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:

Expenses	FY 2018 Actual	FY 2019 Actual	FY 2020 Actual	FY 2021 Actual	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel	15,893,436	14,306,671	20,308,336	20,612,894	19,957,721	23,615,832	23,720,645
Operating Supplies & Services	15,235,869	16,272,545	21,917,431	21,904,036	24,928,558	25,608,911	29,285,041
Maintenance and Repairs	4,301,574	4,280,954	4,162,190	4,394,108	4,114,397	4,569,037	4,592,725
Administrative and General	3,117,874	3,491,770	4,018,808	4,092,935	4,093,109	4,597,490	4,697,807
Total	38,548,753	38,351,940	50,406,765	51,003,973	53,093,785	58,391,270	62,296,218

Rates and Rate Structures

COMMON RATES:	2022	2023	2024	Unit of Measure	% Change	Effective Date
Transfer Fee	\$40.00	\$40.00	\$50.00	transfer	25%	Sep 01
ACH Fee: individual bank draft at customers request	\$25.00	\$25.00	\$30.00	occurrence	20%	Sep 01
NSF Fee	\$25.00	\$30.00	\$35.00	occurrence	17%	Sep 01
Late Charge Penalty	5%	5%	5%	mtlly fee	-	Sep 01
Meter Tampering Fee	\$70.00	\$70.00	\$70.00	+damages	-	Sep 01
Retail Inspection Fees	\$75.00	\$75.00	\$100.00	inspection	33%	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
Reconnection Fee: Retail Water	\$100.00	\$100.00	\$100.00	occurrence	-	Sep 01
Reconnection Fee: Retail Wastewater	\$100.00	\$100.00	\$100.00	occurrence	-	Sep 01

GENERAL DIVISION	2022	2023	2024	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	2022	2023	2024	Unit of Measure	% Change	Effective Date
Energy Charge	\$0.0314	\$0.0314	\$0.0360	kWh	15%	Sep 01
Capacity Charge - Lake Dunlap	N/A	N/A	\$347,000	year	NEW	Nov 01
Hydro Modification Permit Fee	\$600.00	\$600.00	\$600.00	permit	-	Sep 01

RURAL UTILITIES DIVISION	2022	2023	2024	Unit of Measure	% Change	Effective Date
Trucked Wastewater	\$60.00	\$60.00	\$60.00	1,000 gal	-	Sep 01

Shadow Creek WWTP:

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: Schools	\$52.50	\$52.50	\$52.50	LUE	-	Sep 01

Canyon Park WWS:

1. Connection Fee	\$5,000.00	\$5,000.00	\$5,000.00	connection	-	Sep 01
2. Monthly Sewer Rate:	\$65.00	\$68.00	\$71.00	LUE	4%	Sep 01

Stein Falls WWTP:

1. Connection Fee: Treatment Plant and Collection System	\$6,200	\$6,200	\$6,800	connection	10%	Sep 01
2. Monthly Sewer Fee: Retail	\$65.00	\$68.00	\$71.00	LUE	4%	Oct 01
3. Monthly Sewer Fee: Zipp Rd Utilities	\$62.40	\$65.28	\$68.16	LUE	4%	Oct 01

Rates and Rate Structures

RURAL UTILITIES DIVISION (cont.)	2022	2023	2024	Unit of Measure	% Change	Effective Date
<u>Sunfield WWTP:</u>						
Connection Fee: Sunfield WW	N/A	\$6,000	\$6,000	connection	-	Sep 01
1. Residential Sewer:						
Monthly Minimum: 5/8" Meter	\$29.00	\$34.00	\$39.00	LUE	15%	Sep 01
Usage Charge (10,000 gal maximum)	\$4.25	\$4.50	\$4.50	1,000 gal.	-	Sep 01
2. Commerical Sewer:						
Monthly Minimum: 3/4" Meter	\$39.00	\$39.00	\$59.00	month	51%	Sep 01
Monthly Minimum: 1" Meter	\$54.00	\$54.00	\$98.00	month	81%	Sep 01
Monthly Minimum: 1 1/2" Meter	\$204.00	\$204.00	\$195.00	month	-4%	Sep 01
Monthly Minimum: 2" Meter	\$304.00	\$304.00	\$312.00	month	3%	Sep 01
Monthly Minimum: 3" Meter	\$404.00	\$404.00	\$468.00	month	16%	Sep 01
Monthly Minimum: 4" Meter	\$504.00	\$504.00	\$629.00	month	25%	Sep 01
Monthly Minimum: 6" Meter	\$604.00	\$604.00	\$1,170.00	month	94%	Sep 01
Usage Charge	\$4.25	\$4.50	\$4.50	1,000 gal.	-	Sep 01
3. Schools:						
Monthly Minimum	\$29.00	\$34.00	\$39.00	LUE	15%	Sep 01
Usage Charge	\$4.25	\$4.50	\$4.50	1,000 gal.	-	Sep 01
4. Wholesale Wastewater Treatment (per contract):						
East Hays County Wholesale Treatment and Force Main	\$5.82	\$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%	mtly 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	\$43.17	LUE	13%	Sep 01
Usage Charge (10,000 gal maximum)	\$5.05	\$5.05	\$5.50	1,000 gal.	9%	Sep 01
WATER RESOURCES DIVISION	2022	2023	2024	Unit of Measure	% Change	Effective Date
<u>Raw Water:</u>						
Firm Water	\$157.00	\$165.00	\$175.00	AFY	6%	Sep 01
Out-of-District Charge \$24x CPI (Updated Feb 1 annually)	\$39.07	\$42.03	\$45.03	AFY	7%	Sep 01
Lower Basin Water Rate	\$157.00	\$165.00	\$175.00	AFY	6%	Sep 01
Womack Water Rate	\$157.00	\$165.00	\$175.00	AFY	6%	Sep 01
<u>Regional RWDS:</u>						
O&M Rate	\$0.443	\$0.595	\$0.595	1,000 gal	-	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	\$0.570	\$0.570	1,000 gal	-	Sep 01
O&M Rate: TWDS IH35 Pipeline	\$0.352	\$0.332	\$0.332	1,000 gal	-	Sep 01
Capacity Rate: IH35 Pipeline	\$0.306	\$0.306	\$0.306	1,000 gal	-	Sep 01
Capacity Rate: SMWTP	\$0.171	\$0.172	\$0.172	1,000 gal	-	Sep 01

Rates and Rate Structures

WATER RESOURCES DIVISION (cont.)	2022	2023	2024	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
<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	\$225.00	\$225.00	\$225.00	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	\$40.00	\$40.00	location	-	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	2x test rate	2x test rate	test		Sep 01
Lab Testing: On GBRA designated holidays	N/A	2x test rate	2x test rate	test		Sep 01
Lab Testing: Rush Orders	N/A	4x test rate	4x test rate	test		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.)	2022	2023	2024	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	\$35.00	\$35.00	test	-	Sep 01
Micro-Fecal Coliform (18hr Colilert)	\$35.00	\$38.00	\$38.00	test	-	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	\$38.00	\$38.00	test	-	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	\$55.00	\$55.00	test	-	Sep 01
Nutrients-Total Nitrogen	\$118.00	\$118.00	\$118.00	test	-	Sep 01
Nutrients-Total Phosphorus, plus waste disposal fee	\$35.00	\$40.00	\$40.00	test	-	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.

Rates and Rate Structures

WATER RESOURCES DIVISION (cont.)	2022	2023	2024	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	\$35.00	night	17%	Sep 01
RV/Trailer (30 amp) - Weekly (Apr 1-Sep 30)	\$180.00	\$180.00	\$210.00	week	17%	Sep 01
RV/Trailer (30 amp) - Weekly (Oct 1-Mar 31)	\$140.00	\$140.00	\$170.00	week	21%	Sep 01
RV/Trailer (30 amp) - Mthly (Apr 1-Sep 30)	\$510.00	\$510.00	\$580.00	month	14%	Sep 01
RV/Trailer (30 amp) - Mthly (Oct 1-Mar 31)	\$420.00	\$420.00	\$490.00	month	17%	Sep 01
RV/Trailer (50 amp) – Daily	\$35.00	\$35.00	\$40.00	night	14%	Sep 01
RV/Trailer (50 amp) – Weekly	\$185.00	\$185.00	\$225.00	week	22%	Sep 01
RV/Trailer (50 amp) – Monthly	\$630.00	\$630.00	\$680.00	month	8%	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	\$246.00	\$204.00	\$221.00	acre	8%	Sep 01
Rice – 2 nd Crop	\$98.00	\$82.00	\$89.00	acre	9%	Sep 01
Row Crop	\$49.00	\$41.00	\$44.00	acre	7%	Sep 01
Pasture	\$49.00	\$41.00	\$44.00	acre	7%	Sep 01
Crawfish Pond	\$147.00	\$123.00	\$133.00	acre	8%	Sep 01
Waterfowl Field	\$98.00	\$82.00	\$89.00	acre	9%	Sep 01
Catfish Farm	\$197.00	\$163.00	\$177.00	acre	9%	Sep 01
Sprinkler Irrigation-unmetered	\$49.00	\$41.00	\$44.00	acre	7%	Sep 01
Sprinkler Irrigation-metered	\$0.302	\$0.251	\$0.272	1,000 gal.	8%	Sep 01
Initial fill: ponds, crawfish, waterfowl, catfish, other water use	\$0.302	\$0.251	\$0.272	1,000 gal.	8%	Sep 01
M&I Rate	\$0.225	\$0.174	\$0.195	1,000 gal.	12%	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

CARRIZO GROUNDWATER DIVISION	2022	2023	2024	Unit of Measure	% Change	Effective Date
Water Rate	\$82.00	\$82.00	\$105.00	AFY	28%	Sep 01

Rates and Rate Structures

WESTERN CANYON DIVISION	2022	2023	2024	Unit of Measure	% Change	Effective Date
<u>Western Canyon WTP & TWDS:</u>						
O&M Rate	\$1.247	\$1.394	\$1.417	1,000 gal.	2%	Sep 01
Capacity Rate-Refunding Bond Issue, Series 2020	\$468.63	\$468.63	\$468.63	AFY	-	Sep 01
Water Trucks	\$10.00	\$16.00	\$24.00	1,000 gal.	50%	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, in addition to the Connection Fee	\$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	\$6.60	\$6.60	1,000 gal.	-	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$8.60	\$8.60	1,000 gal.	-	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$12.00	\$12.00	1,000 gal.	-	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$16.00	\$16.00	1,000 gal.	-	Sep 01
Water – Block Rate: 100,001-150,000 gal (base rate+usage)	\$12.00	\$16.00	\$20.00	1,000 gal.	25%	Sep 01
Water – Block Rate: over 150,000 gal (base rate+usage)	N/A	N/A	\$24.00	1,000 gal.	NEW	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	\$6.60	\$6.60	1,000 gal.	-	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$8.60	\$8.60	1,000 gal.	-	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$12.00	\$12.00	1,000 gal.	-	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$16.00	\$16.00	1,000 gal.	-	Sep 01
Water – Block Rate: 100,001-150,000 gal (base rate+usage)	\$12.00	\$16.00	\$20.00	1,000 gal.	25%	Sep 01
Water – Block Rate: over 150,000 gal (base rate+usage)	N/A	N/A	\$24.00	1,000 gal.	NEW	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	\$6.60	\$6.60	1,000 gal.	-	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$8.60	\$8.60	1,000 gal.	-	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$12.00	\$12.00	1,000 gal.	-	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$16.00	\$16.00	1,000 gal.	-	Sep 01
Water – Block Rate: 100,001-150,000 gal (base rate+usage)	\$12.00	\$16.00	\$20.00	1,000 gal.	25%	Sep 01
Water – Block Rate: over 150,000 gal (base rate+usage)	N/A	N/A	\$24.00	1,000 gal.	NEW	Sep 01

Rates and Rate Structures

WESTERN CANYON DIVISION	2022	2023	2024	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	\$6.60	\$6.60	1,000 gal.	-	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$8.60	\$8.60	1,000 gal.	-	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$12.00	\$12.00	1,000 gal.	-	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$16.00	\$16.00	1,000 gal.	-	Sep 01
Water – Block Rate: 100,001-150,000 gal (base rate+usage)	\$12.00	\$16.00	\$20.00	1,000 gal.	25%	Sep 01
Water – Block Rate: over 150,000 gal (base rate+usage)	N/A	N/A	\$24.00	1,000 gal.	NEW	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	\$6.60	\$6.60	1,000 gal.	-	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$8.60	\$8.60	1,000 gal.	-	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$12.00	\$12.00	1,000 gal.	-	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$16.00	\$16.00	1,000 gal.	-	Sep 01
Water – Block Rate: 100,001-150,000 gal (base rate+usage)	\$12.00	\$16.00	\$20.00	1,000 gal.	25%	Sep 01
Water – Block Rate: over 150,000 gal (base rate+usage)	N/A	N/A	\$24.00	1,000 gal.	NEW	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	\$6.60	\$6.60	1,000 gal.	-	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$8.60	\$8.60	1,000 gal.	-	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$12.00	\$12.00	1,000 gal.	-	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$16.00	\$16.00	1,000 gal.	-	Sep 01
Water – Block Rate: 100,001-150,000 gal (base rate+usage)	\$12.00	\$16.00	\$20.00	1,000 gal.	25%	Sep 01
Water – Block Rate: over 150,000 gal (base rate+usage)	N/A	N/A	\$24.00	1,000 gal.	NEW	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	\$6.60	\$6.60	1,000 gal.	-	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$8.60	\$8.60	1,000 gal.	-	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$12.00	\$12.00	1,000 gal.	-	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$16.00	\$16.00	1,000 gal.	-	Sep 01
Water – Block Rate: 100,001-150,000 gal (base rate+usage)	\$12.00	\$16.00	\$20.00	1,000 gal.	25%	Sep 01
Water – Block Rate: over 150,000 gal (base rate+usage)	N/A	N/A	\$24.00	1,000 gal.	NEW	Sep 01

Rates and Rate Structures

WESTERN CANYON DIVISION	2022	2023	2024	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	\$6.60	\$6.60	1,000 gal.	-	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$8.60	\$8.60	1,000 gal.	-	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$12.00	\$12.00	1,000 gal.	-	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$16.00	\$16.00	1,000 gal.	-	Sep 01
Water – Block Rate: 100,001-150,000 gal (base rate+usage)	\$12.00	\$16.00	\$20.00	1,000 gal.	25%	Sep 01
Water – Block Rate: over 150,000 gal (base rate+usage)	N/A	N/A	\$24.00	1,000 gal.	NEW	Sep 01

4S Ranch WWTP and Park Village WWSR:

Wastewater – Connection Fees	\$550.00	\$550.00	\$550.00	connection	-	Sep 01
Wastewater – Monthly Fees	\$45.00	\$45.00	\$45.00	LUE	-	Sep 01

Cordillera WWTP:

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	pump @ cost	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	\$76.00	\$79.00	\$79.00	LUE	-	Sep 01

Johnson Ranch WWTP:

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	month	-	Sep 01
Wastewater – Service Fees:						
Residential Connection:						
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:						
Monthly Minimum	\$32.16	\$32.16	\$32.16	LUE	-	Sep 01
Usage Charge	\$3.68	\$3.68	\$3.68	1,000 gal.	-	Sep 01

CALHOUN COUNTY RWS DIVISION	2022	2023	2024	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

Rural Water Distribution System:

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	\$68.00	\$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	\$55.90	\$55.90	\$55.90	month	-	Sep 01

Rates and Rate Structures

CALHOUN COUNTY RWS DIVISION (cont.)	2022	2023	2024	Unit of Measure	% Change	Effective Date
2. ¾" 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	\$102.00	\$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	\$83.85	\$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	\$163.95	\$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	\$139.75	\$139.75	\$139.75	LUE	-	Sep 01
4. 1- ½" 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	\$333.90	\$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	\$279.50	\$279.50	\$279.50	LUE	-	Sep 01
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	\$570.00	\$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	\$447.20	\$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	\$1,154.10	\$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	\$838.50	\$838.50	\$838.50	LUE	-	Sep 01

Rates and Rate Structures

CALHOUN COUNTY RWS DIVISION (cont.)	2022	2023	2024	Unit of Measure	% Change	Effective Date
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						
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	\$55.00	night	10%	Sep 01
Camping Fee Premium Sites	\$55.00	\$55.00	\$65.00	night	18%	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	\$280.00	7 nights	40%	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
Boat/Trailer Storage	\$45.00	\$45.00	\$45.00	30 days	-	Sep 01
Type I Lease (Minimum Annual Fee)	\$310.00	\$310.00	\$330.00	year	6%	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

Rates and Rate Structures

LULING WTP DIVISION	2022	2023	2024	Unit of Measure	% Change	Effective Date
Water Treatment Plant O&M Charge	\$1.843	\$2.014	\$2.681	1,000 gal.	33%	Sep 01
Treated Water Delivery System O&M Charge	\$0.595	\$0.678	\$1.139	1,000 gal.	68%	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	2022	2023	2024	Unit of Measure	% Change	Effective Date
Energy Charge	\$0.0133	\$0.0133	\$0.0133	kWh	-	Sep 01

LOCKHART DIVISION	2022	2023	2024	Unit of Measure	% Change	Effective Date
Septic Tank Waste	\$79.00	\$79.00	\$79.00	1,000 gal.	-	Sep 01
Chemical Toilet Waste	\$250.00	\$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 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, 2024 balance for GBRA's current debt is shown on the following pages.

Debt Obligations – Summary Table

Series	Date of Issue	Final Maturity	Effective Interest Rate	Original Amount	Outstanding 8/31/2021	Additions During FY 2022	Retired During FY 2022	Outstanding 8/31/2022
OBLIGATIONS PAYABLE DIRECTLY BY GBRA								
GUADALUPE VALLEY HYDROELECTRIC DIVISION								
Lake Placid Dam Contract Revenue Bonds, 2021 *	06/18/2021	2050	3.60-2.07%	\$ 1,560,000	\$ 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	--	120,000	1,640,000
General Improvement Revenue Bonds, 2021 Stein Falls	10/06/2021	2051	4.00%	21,400,000	--	21,400,000	--	21,400,000
General Improvement Revenue Bonds, 2021 Dietz	10/06/2021	2051	4.00%	6,515,000	--	6,515,000	--	6,515,000
General Improvement Revenue Bonds, 2022 Sunfield	10/15/2022	2052	3.55-5.05%	26,640,000	--	--	--	--
WATER RESOURCE DIVISION								
U. S. Government Loan *	01/01/1977	2026	2.5%	8,979,862	1,435,051	--	273,014	1,162,037
General Improvement Revenue Bonds, 2012 *	04/05/2012	2031	3.14-1.86%	4,400,000	2,390,000	--	225,000	2,165,000
General Improvement Revenue Bonds, 2015 *	11/15/2015	2035	1.83-3.17%	2,000,000	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	--	505,000	4,795,000
General Improvement Revenue Refunding Bonds, 2022	05/24/2022	2052	2.6-4.0%	9,810,000	--	9,810,000	--	9,810,000
General Improvement Revenue Refunding Bonds, 2022A	11/15/2022	2052	3.11-4.5%	4,905,000	--	--	--	--
Total Obligations Payable Directly by GBRA				\$ 94,109,862	\$ 14,445,051	\$ 37,725,000	\$ 1,123,014	\$ 51,047,037
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	\$ --	\$ --	\$ 40,000,000
Lake McQueeney Dam Contract Revenue Bonds, 2021 *	12/08/2021	2051	3.60-2.13%	40,000,000	--	40,000,000	--	40,000,000
Lake Placid Dam Contract Revenue Bonds, 2022 *	02/10/2022	2051	3.60-2.13%	30,935,000	--	30,935,000	--	30,935,000
WATER RESOURCE DIVISION								
RRWDS Combination Contract Revenue Bonds, 2007B	09/15/2007	2039	7.10%	5,775,000	4,680,000	--	135,000	4,545,000
RRWDS Contract Rev Ref Bonds, San Marcos, 2010	08/01/2010	2024	2.0-3.25%	\$6,895,000	1,765,000	--	565,000	1,200,000
IH35 Project Combination Contract Revenue Bonds, 2013	04/17/2013	2037	2.0-5.0%	19,470,000	14,305,000	--	660,000	13,645,000
San Marcos Water Treatment Plant Revenue Bonds, 2016	11/22/2016	2036	2.0-5.0%	4,850,000	4,470,000	--	95,000	4,375,000
RRWDS Contract Revenue Refunding Bonds, 2017	07/20/2017	2039	2.0-4.0%	7,745,000	6,700,000	--	270,000	6,430,000
Western Canyon Contract Revenue Refunding Bonds, 2020	10/15/2020	2036	2.83-2.534	55,540,000	52,530,000	--	4,005,000	48,525,000
Carrizo General Contract Revenue Bonds, 2018A *	11/15/2018	2048	2.41-4.28%	12,030,000	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	--	--	11,895,000
Carrizo TWDB Master Repurchase Agreement, 2018 *	11/15/2018	2053	3.95-4.36%	34,285,000	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	--	--	9,740,000
Carrizo TWDB Master Repurchase Agreement, 2019 *	11/01/2019	2054	3.27-3.46%	30,260,000	30,260,000	--	--	30,260,000
Carrizo General Contract Revenue Bonds, 2020 *	11/17/2020	2050	3.22-2.51%	34,900,000	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	--	--	7,595,000
Carrizo General Contract Revenue Bonds, 2021 *	11/18/2021	2051	3.31-2.75%	59,135,000	--	59,135,000	--	59,135,000
Carrizo TWDB Master Repurchase Agreement, 2021 *	11/18/2021	2056	2.65-3.27%	13,115,000	--	13,115,000	--	13,115,000
Carrizo TWDB Master Repurchase Agreement, 2022 *	11/18/2022	2052	2.92-4.22%	39,670,000	--	--	--	--
PORT LAVACA WATER TREATMENT PLANT DIVISION								
Frost National Bank, Clearwell *	03/04/2008	2022	4.00%	400,000	29,860	--	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	--	300,000	2,810,000
Total Contract Revenue Bonds and Loans				\$ 469,185,000	\$ 268,294,860	\$ 143,185,000	\$ 6,059,860	\$ 405,420,000
Total Bonds & Loans Payable Prior to Defeasance and Accretion of Interest					\$282,739,911			\$456,467,037

* Direct Borrowing or Direct Placement Issue

Debt Obligations – Summary Table

Series	Additions During FY 2023	Retired During FY 2023	Outstanding 8/31/2023	Additions During FY 2024	Retired During FY 2024	Outstanding 8/31/2024	Amounts Due Within One Year
OBLIGATIONS PAYABLE DIRECTLY BY GBRA							
GUADALUPE VALLEY HYDROELECTRIC DIVISION							
Lake Placid Dam Contract Revenue Bonds, 2021 *	\$ --	\$ --	\$ 1,560,000	\$ --	\$ 50,000	\$ 1,510,000	\$ 50,000
RURAL UTILITIES DIVISION							
Regions Loan, Stein Falls Collection System-033 *	--	125,000	1,515,000	--	130,000	1,385,000	135,000
General Improvement Revenue Bonds, 2021 Stein Falls	--	--	21,400,000	--	--	21,400,000	455,000
General Improvement Revenue Bonds, 2021 Dietz	--	--	6,515,000	--	--	6,515,000	140,000
General Improvement Revenue Bonds, 2022 Sunfield	26,640,000	--	26,640,000	--	--	26,640,000	25,000
WATER RESOURCE DIVISION							
U. S. Government Loan *	--	279,839	882,198	--	286,835	595,363	294,006
General Improvement Revenue Bonds, 2012 *	--	230,000	1,935,000	--	230,000	1,705,000	235,000
General Improvement Revenue Bonds, 2015 *	--	--	2,000,000	--	145,000	1,855,000	145,000
General Improvement Revenue Refunding Bonds, 2020	--	710,000	4,085,000	--	725,000	3,360,000	735,000
General Improvement Revenue Refunding Bonds, 2022	--	--	9,810,000	--	--	9,810,000	155,000
General Improvement Revenue Refunding Bonds, 2022A	4,905,000	--	4,905,000	--	75,000	4,830,000	80,000
Total Obligations Payable Directly by GBRA	\$ 31,545,000	\$ 1,344,839	\$ 81,247,198	\$ --	\$ 1,641,835	\$ 79,605,363	\$ 2,449,006
CONTRACT REVENUE BONDS AND LOANS							
GUADALUPE VALLEY HYDROELECTRIC DIVISION							
Lake Dunlap Dam Contract Revenue Bonds, 2021 *	\$ --	\$ 1,420,000	\$ 38,580,000	\$ --	\$ 1,420,000	\$ 37,160,000	\$ 1,420,000
Lake McQueeney Dam Contract Revenue Bonds, 2021 *	--	--	40,000,000	--	1,260,000	38,740,000	1,265,000
Lake Placid Dam Contract Revenue Bonds, 2022 *	--	940,000	29,995,000	--	945,000	29,050,000	950,000
WATER RESOURCE DIVISION							
RRWDS Combination Contract Revenue Bonds, 2007B	--	145,000	4,400,000	--	155,000	4,245,000	170,000
RRWDS Contract Rev Ref Bonds, San Marcos, 2010	--	585,000	615,000	--	615,000	--	--
IH35 Project Combination Contract Revenue Bonds, 2013	--	690,000	12,955,000	--	730,000	12,225,000	765,000
San Marcos Water Treatment Plant Revenue Bonds, 2016	--	100,000	4,275,000	--	110,000	4,165,000	110,000
RRWDS Contract Revenue Refunding Bonds, 2017	--	275,000	6,155,000	--	290,000	5,865,000	295,000
Western Canyon Contract Revenue Refunding Bonds, 2020	--	4,020,000	44,505,000	--	4,045,000	40,460,000	4,080,000
Carrizo General Contract Revenue Bonds, 2018A *	--	--	12,030,000	--	265,000	11,765,000	330,000
Carrizo General Contract Revenue Bonds, 2018B *	--	320,000	11,575,000	--	335,000	11,240,000	340,000
Carrizo TWDB Master Repurchase Agreement, 2018 *	--	--	34,285,000	--	--	34,285,000	--
Carrizo General Contract Revenue Bonds, 2019 *	--	--	9,740,000	--	295,000	9,445,000	295,000
Carrizo TWDB Master Repurchase Agreement, 2019 *	--	--	30,260,000	--	--	30,260,000	--
Carrizo General Contract Revenue Bonds, 2020 *	--	--	34,900,000	--	1,085,000	33,815,000	1,090,000
Carrizo TWDB Master Repurchase Agreement, 2020 *	--	--	7,595,000	--	--	7,595,000	--
Carrizo General Contract Revenue Bonds, 2021 *	--	--	59,135,000	--	1,765,000	57,370,000	1,770,000
Carrizo TWDB Master Repurchase Agreement, 2021 *	--	--	13,115,000	--	--	13,115,000	--
Carrizo TWDB Master Repurchase Agreement, 2022 *	39,670,000	--	39,670,000	--	--	39,670,000	--
PORT LAVACA WATER TREATMENT PLANT DIVISION							
Frost National Bank, Clearwell *	--	--	--	--	--	--	--
LULING WATER TREATMENT PLANT DIVISION							
Treated Water Delivery System Contract Revenue Refunding Bonds (City of Lockhart)							
2014	--	310,000	2,500,000	--	320,000	2,180,000	335,000
Total Contract Revenue Bonds and Loans	\$ 39,670,000	\$ 8,805,000	\$ 436,285,000	\$ --	\$ 13,635,000	\$ 422,650,000	\$ 13,215,000
Total Bonds & Loans Payable Prior to Defeasance and Accretion of Interest			\$ 517,532,198		\$ 15,276,835	\$ 502,255,363	\$ 15,664,006

* 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
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>\$374,087</u>	<u>\$1,934,087</u>

STEIN FALLS WASTEWATER TREATMENT PLANT AMORTIZATION SCHEDULE FOR REGIONS BANK

YR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
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>\$1,515,000</u>	<u>\$266,781</u>	<u>\$1,781,781</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	
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	\$14,839,200	\$36,239,200	\$6,515,000	\$4,517,400	\$11,032,400	\$47,271,600

Debt Obligations – Amortization Schedules

CONTRACT REVENUE BONDS, SERIES 2022 SUNFIELD WWTP EXPANSION

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2024	\$ --	\$1,402,300	\$1,402,300
2025	25,000	1,402,300	1,427,300
2026	370,000	1,401,050	1,771,050
2027	480,000	1,378,850	1,858,850
2028	510,000	1,350,050	1,860,050
2029	540,000	1,319,450	1,859,450
2030	570,000	1,287,050	1,857,050
2031	605,000	1,252,850	1,857,850
2032	645,000	1,216,550	1,861,550
2033	675,000	1,184,300	1,859,300
2034	710,000	1,150,550	1,860,550
2035	745,000	1,115,050	1,860,050
2036	780,000	1,077,800	1,857,800
2037	820,000	1,038,800	1,858,800
2038	860,000	997,800	1,857,800
2039	905,000	954,800	1,859,800
2040	960,000	900,500	1,860,500
2041	1,015,000	842,900	1,857,900
2042	1,075,000	782,000	1,857,000
2043	1,140,000	717,500	1,857,500
2044	1,200,000	660,500	1,860,500
2045	1,260,000	600,500	1,860,500
2046	1,320,000	537,500	1,857,500
2047	1,385,000	471,500	1,856,500
2048	1,455,000	402,250	1,857,250
2049	1,530,000	329,500	1,859,500
2050	1,605,000	253,000	1,858,000
2051	1,685,000	172,750	1,857,750
2052	<u>1,770,000</u>	<u>88,500</u>	<u>1,858,500</u>
	<u>\$26,640,000</u>	<u>\$26,288,450</u>	<u>\$52,928,450</u>

Debt Obligations – Amortization Schedules

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

YR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2024	\$286,835	\$22,055	308,890
2025	294,006	14,884	308,890
2026	301,357	7,532	308,890
	<u>\$882,198</u>	<u>\$44,471</u>	<u>\$926,670</u>

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

YR END AUG 31	PRINCIPAL	INTEREST	TOTAL REQ's
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>\$1,935,000</u>	<u>\$146,312</u>	<u>\$2,081,312</u>

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

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
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
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>\$4,085,000</u>	<u>\$390,550</u>	<u>\$4,475,550</u>

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

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
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>\$7,730,231</u>	<u>\$17,540,232</u>

Debt Obligations – Amortization Schedules

GENERAL IMPROVEMENT REVENUE BONDS, SERIES 2022A DIVERSION DAM & SALTWATER BARRIER IMPROVEMENTS

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2024	\$75,000	\$258,650	\$333,650
2025	80,000	254,900	334,900
2026	85,000	250,900	335,900
2027	90,000	246,650	336,650
2028	95,000	242,150	337,150
2029	100,000	237,400	337,400
2030	105,000	232,400	337,400
2031	110,000	227,150	337,150
2032	115,000	221,650	336,650
2033	120,000	215,900	335,900
2034	125,000	209,900	334,900
2035	130,000	203,338	333,338
2036	140,000	196,513	336,513
2037	145,000	189,163	334,163
2038	155,000	181,550	336,550
2039	160,000	173,413	333,413
2040	170,000	165,013	335,013
2041	180,000	156,088	336,088
2042	190,000	146,638	336,638
2043	200,000	136,663	336,663
2044	210,000	126,163	336,163
2045	220,000	115,138	335,138
2046	230,000	103,588	333,588
2047	245,000	91,513	336,513
2048	255,000	78,650	333,650
2049	270,000	64,625	334,625
2050	285,000	49,775	334,775
2051	300,000	34,100	334,100
2052	320,000	17,600	337,600
	<u>\$4,905,000</u>	<u>\$4,827,181</u>	<u>\$9,732,181</u>

Debt Obligations – Amortization Schedules

CONTRACT REVENUE BONDS, SERIES 2021 LAKE DUNLAP DAM FACILITIES PROJECT

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
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>\$38,580,000</u>	<u>\$771,939</u>	<u>\$39,351,939</u>

Debt Obligations – Amortization Schedules

CONTRACT REVENUE BONDS, SERIES 2021 LAKE McQUEENEY DAM FACILITIES PROJECT

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
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
	<u>\$40,000,000</u>	<u>\$9,895,098</u>	<u>\$49,895,098</u>

Debt Obligations – Amortization Schedules

CONTRACT REVENUE BONDS, SERIES 2022 LAKE PLACID DAM FACILITIES PROJECT

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
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>\$29,995,000</u>	<u>\$7,316,728</u>	<u>\$37,311,728</u>

Debt Obligations – Amortization Schedules

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	
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>\$4,400,000</u>	<u>\$3,091,710</u>	<u>\$7,496,710</u>	<u>\$6,155,000</u>	<u>\$1,908,141</u>	<u>\$8,057,141</u>	<u>\$15,553,851</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
2025	\$615,000	\$9,994	\$624,994
	<u>\$615,000</u>	<u>\$9,994</u>	<u>\$624,994</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
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>\$12,955,000</u>	<u>\$3,819,899</u>	<u>\$16,774,899</u>

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

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
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>\$4,275,000</u>	<u>\$1,518,723</u>	<u>\$5,793,723</u>

Debt Obligations – Amortization Schedules

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

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
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
	<u>\$44,505,000</u>	<u>\$4,881,759</u>	<u>\$49,386,759</u>

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
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	3,147,772
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>\$11,575,000</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 SWIFT FUNDS - 2019 CARRIZO GROUNDWATER SUPPLY PROJECT						
YR END AUG 31	2019 LOW INTEREST FINANCING			2019 MASTER REPURCHASE AGREEMENT		
	PRINC	INT	TOTAL	PRINC	INT	TOTAL
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>\$3,614,351</u>	<u>\$13,354,348</u>	<u>\$30,260,000</u>	<u>\$25,271,266</u>	<u>\$55,531,266</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
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>\$11,205,385</u>	<u>\$46,105,385</u>	<u>\$7,595,000</u>	<u>\$5,386,788</u>	<u>\$12,981,788</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
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	\$21,641,889	\$80,776,889	\$13,115,000	\$10,671,973	\$33,048,973

Debt Obligations – Amortization Schedules

TWDB SWIRFT FUNDS - 2022			
CARRIZO GROUNDWATER SUPPLY PROJECT			
YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2024	\$ --	\$1,144,657	\$1,144,657
2025	--	1,543,358	1,543,358
2026	--	1,543,358	1,543,358
2027	1,035,000	1,543,358	2,578,358
2028	1,050,000	1,513,136	2,563,136
2029	1,075,000	1,482,161	2,557,161
2030	1,100,000	1,450,126	2,550,126
2031	1,125,000	1,416,686	2,541,686
2032	1,155,000	1,381,811	2,536,811
2033	1,180,000	1,345,428	2,525,428
2034	1,220,000	1,306,370	2,526,370
2035	1,255,000	1,263,792	2,518,792
2036	1,285,000	1,218,738	2,503,738
2037	1,335,000	1,168,494	2,503,494
2038	1,375,000	1,115,628	2,490,628
2039	1,430,000	1,060,628	2,490,628
2040	1,480,000	1,002,856	2,482,856
2041	1,530,000	942,324	2,472,324
2042	1,585,000	879,135	2,464,135
2043	1,640,000	813,041	2,453,041
2044	1,705,000	745,309	2,450,309
2045	1,765,000	674,892	2,439,892
2046	1,835,000	601,998	2,436,998
2047	1,900,000	526,212	2,426,212
2048	1,965,000	447,742	2,412,742
2049	2,045,000	364,819	2,409,819
2050	2,120,000	278,520	2,398,520
2051	2,200,000	189,056	2,389,056
2052	2,280,000	96,216	2,376,216
	<u>\$39,670,000</u>	<u>\$26,371,834</u>	<u>\$66,041,834</u>

Debt Obligations – Amortization Schedules

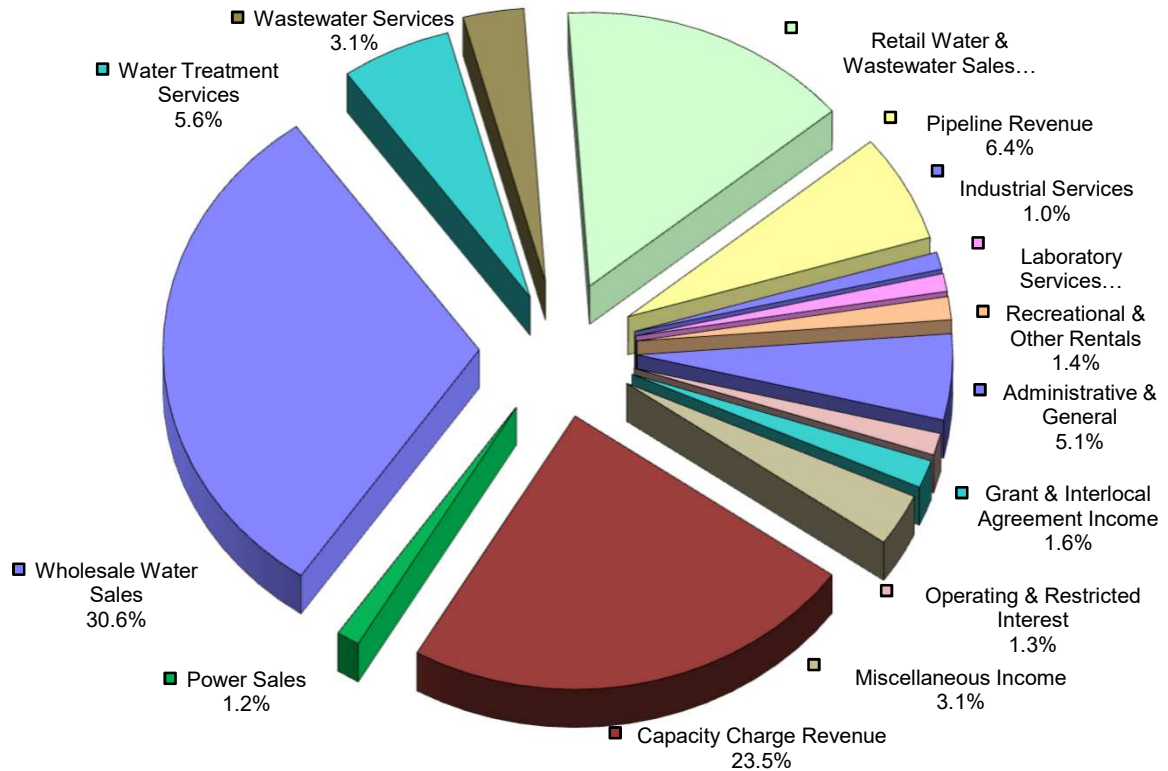
CONTRACT REVENUE REFUNDING BONDS, SERIES 2014 TREATED WATER DELIVERY SYSTEM (LULING TO LOCKHART PIPELINE)			
YR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2024	\$320,000	\$80,730	\$400,730
2025	335,000	69,431	404,431
2026	345,000	57,701	402,701
2027	355,000	45,626	400,626
2028	370,000	33,120	403,120
2029	380,000	20,182	400,182
2030	395,000	6,814	401,814
	<u>\$2,500,000</u>	<u>\$313,604</u>	<u>\$2,813,604</u>



This page was intentionally left blank)

Budget Summary

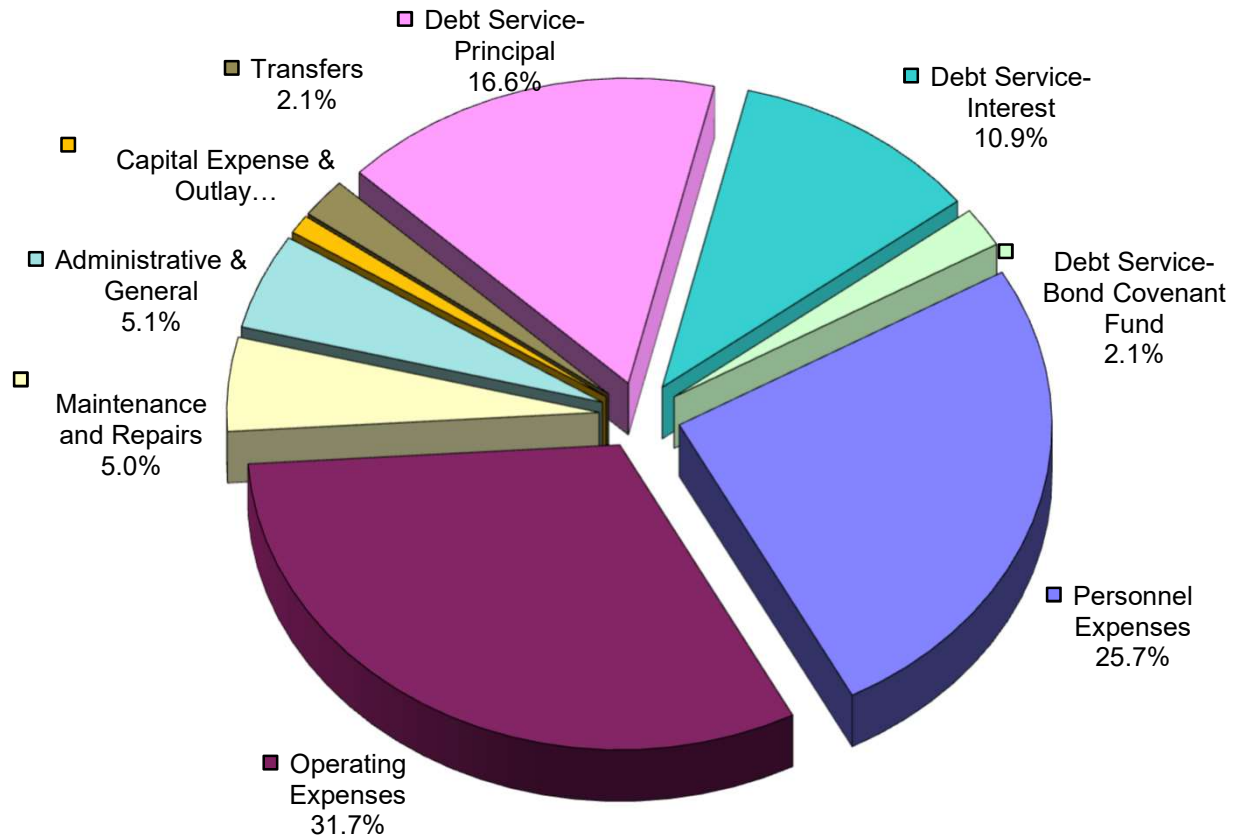
REVENUES - GBRA



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales	1,213,422	432,813	1,104,613
Wholesale Water Sales	26,158,261	26,174,817	28,386,501
Water Treatment Services	2,363,980	2,584,000	5,215,764
Wastewater Services	2,428,359	2,453,049	2,881,115
Retail Water & Wastewater Sales	14,612,171	13,001,140	13,928,590
Pipeline Revenue	4,695,237	5,310,313	5,895,501
Industrial Services	954,305	911,585	946,054
Laboratory Services	921,741	980,000	980,000
Recreational & Other Rentals	1,235,781	1,279,849	1,263,455
Administrative & General	4,388,922	4,885,106	4,697,807
Operating & Restricted Interest	1,053,843	504,775	1,203,864
Grant & Interlocal Agreement Income	1,647,771	2,365,892	1,523,106
Miscellaneous Income	2,277,927	2,544,470	2,863,345
Total Operating Revenue	63,951,720	63,427,809	70,889,715
Capacity Charge Revenue	9,402,154	15,676,740	21,725,568
I/F Loan Repayments from Operations			
Grand Total Revenues	73,353,874	79,104,549	92,615,283

Budget Summary

EXPENSES - GBRA



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	19,957,721	23,615,832	23,720,645
Operating Expenses	24,928,558	25,608,911	29,285,041
Maintenance and Repairs	4,114,397	4,569,037	4,592,725
Administrative & General	4,093,109	4,597,490	4,697,807
Capital Expense & Outlay	1,563,618	1,424,300	924,300
Transfers		(75,527)	1,929,628
Total Operating and M&R Expenses	54,657,403	59,740,043	65,150,146
Debt Service-Principal	7,153,014	10,464,667	15,320,133
Debt Service-Interest	9,376,403	7,979,957	10,032,762
Debt Service-Bond Covenant Fund		482,692	1,944,673
Grand Total Expenses	71,186,820	78,667,359	92,447,714

Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024

Fund: CONSOLIDATED

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Water Treatment				
41101	PLANT O&M	1,356,063	4,015,934	2,659,871
41102	PLANT A&G	148,759	316,959	168,200
41135	LULING WTP-CITY OF LOCKHART CHARGE	816,666	635,731	(180,935)
41137	LU/LO DELIVERY SYSTEM-CITY OF LOCKHART	262,512	247,140	(15,372)
	Total Water Treatment	2,584,000	5,215,764	2,631,764
Wastewater Treatment				
41201	WW-OPR & MAINTENANCE	3,051,016	3,474,699	423,683
41202	WW-ADMINISTRATIVE & GENERAL	203,833	208,216	4,383
41207	WW-CREDIT TO CUSTOMER	(801,800)	(801,800)	-
	Total Wastewater Treatment	2,453,049	2,881,115	428,066
Hydroelectric				
41301	POWER SALES	307,813	521,995	214,182
	Total Hydroelectric	307,813	521,995	214,182
Industrial				
41401	COLETO CREEK POWER-O&M EXP	856,375	873,022	16,647
41402	COLETO CREEK POWER-A&G EXP	55,210	73,032	17,822
	Total Industrial	911,585	946,054	34,469
Wholesale Raw Water Sales				
42102	CANYON-INEOS	582,533	630,000	47,467
42103	CANYON-PORT LAVACA WTP	517,440	627,200	109,760
42104	CANYON-RW, UNDINE	146,520	191,100	44,580
42105	CANYON-CITY OF SEGUIN	165,000	175,000	10,000
42107	CANYON-SPRINGS HILL WSC	528,000	560,000	32,000
42108	CANYON-REBECCA CREEK MUD	21,450	22,750	1,300
42109	CANYON-CRWA-HAYS CO, SAN MARCOS	336,270	356,650	20,380
42110	CANYON-SEADRIFT COKE	55,110	58,450	3,340
42111	CANYON-UNION CARBIDE	16,500	17,500	1,000
42112	CANYON-STANDARD GYPSUM	42,570	45,150	2,580

		FY 2023	FY 2024	FY 2024-2023
		BUDGET	BUDGET	DIFFERENCE
42113	CANYON-CMS STEEL	115,500	122,500	7,000
42114	CANYON-NEW BRAUNFELS UTILITIES	2,511,300	2,663,500	152,200
42115	CANYON-CRYSTAL CLEAR WSC	132,000	140,000	8,000
42116	CANYON-CANYON REGIONAL WATER AUTH	1,963,449	2,084,771	121,322
42117	CANYON-TEXAS WATER	1,056,000	1,120,000	64,000
42118	CANYON-CITY OF SAN MARCOS	1,650,000	1,750,000	100,000
42119	CANYON-GUADALUPE POWER PARTNERS	1,128,600	1,197,000	68,400
42120	CANYON-CITY OF KYLE	898,095	952,525	54,430
42121	CANYON-GREEN VALLEY SUD	165,000	175,000	10,000
42122	CANYON-HAYS ENERGY LTD PARTNERSHIP	406,560	431,200	24,640
42123	CANYON-CITY OF FAIR OAKS	305,250	338,408	33,158
42124	CANYON-SAN ANTONIO WATER SYSTEMS	828,134	880,112	51,978
42125	CANYON-CITY OF BOERNE	595,815	631,925	36,110
42126	CANYON-GBRA-COMAL TRACE	20,625	25,375	4,750
42127	CANYON-SAN JOSE-PARK VILLAGE	53,130	56,350	3,220
42128	CANYON-JACQUELYN COUSER	16,500	17,500	1,000
42129	CANYON-BREMER RANCH, LTD	16,500	17,500	1,000
42130	CANYON-CITY OF BLANCO	99,000	105,000	6,000
42131	CANYON-FORESIGHT	47,500	50,750	3,250
42132	CANYON-CORDILLERA RANCH, LTD	247,500	262,500	15,000
42133	CANYON-KENDALL COUNTY/TAPATIO SPRINGS	123,750	131,250	7,500
42134	CANYON-CITY OF BUDA	277,200	294,000	16,800
42135	CANYON-DH INV-JOHNSON RANCH	148,500	157,500	9,000
42136	CANYON-GOFORTH SUD	690,690	732,550	41,860
42137	CANYON-HH RANCH PROPERTIES	41,250	43,750	2,500
42139	CANYON-MONARCH UTILITIES, LP	92,400	98,000	5,600
42140	CANYON-MIRALOMAS MUD	123,750	131,250	7,500
42141	CANYON-SMALL WATER SALES	63,195	66,150	2,955
42142	CANYON-SELECT ENERGY	441,667	575,000	133,333
42143	CANYON-GBRA CANAL SYSTEM CUSTOMERS	77,304	191,614	114,310
42150	WOMACK-NEW BRAUNFELS UTILITIES	470,250	498,450	28,200
42151	CARRIZO-NEW BRAUNFELS UTILITES	656,000	840,000	184,000
42152	CARRIZO-CITY OF LOCKHART	246,000	315,000	69,000
42153	CARRIZO-GOFORTH SUD	328,000	420,000	92,000
42170	CANAL-PT LAVACA	108,548	102,057	(6,491)
42171	CANAL-RW, UNDINE	19,659	65,640	45,981
42172	CANAL-CARBIDE	907,725	771,596	(136,129)
42173	CANAL-INEOS	270,766	316,533	45,767
42174	CANAL-SPRINKLER IRRIGATION	17,702	-	(17,702)
42175	CANAL-SEADRIFT COKE	27,584	30,476	2,892
42177	CANAL-PONDS & RIGS	1,968	-	(1,968)
42178	CANAL-WATERFOWL	43,420	37,255	(6,165)
42179	CANAL-POC IDC	27,585	21,919	(5,666)
42181	CANAL-OTHER	6,000	-	(6,000)
42182	CANAL-RICE CROPS	107,748	449,758	342,010

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
	Total Wholesale Raw Water Sales	19,986,512	21,995,464	2,008,952
	Wholesale Water Treatment			
42201	ANNUAL SERVICE FEE INCOME	1,100,060	1,219,284	119,224
42230	WCANYON WTP O&M	5,088,245	5,171,753	83,508
	Total Wholesale Water Treatment	6,188,305	6,391,037	202,732
	Retail Water Sales			
42301	WATER SALES	2,444,000	2,780,000	336,000
42302	WHOLESALE WATER SALES	178,187	-	(178,187)
42310	WATER CONNECTION FEES	109,500	77,250	(32,250)
42340	TRANSFER FEES	4,000	4,000	-
	Total Retail Water Sales	2,735,687	2,861,250	125,563
	Retail Wastewater			
42401	WASTEWATER SERVICES	7,853,597	9,083,653	1,230,056
42402	SEWER CONNECTION/INSP FEES	2,483,650	1,709,150	(774,500)
42404	SERVICE CALL INCOME	10,600	40,000	29,400
42405	TRANSFER FEES	29,900	69,900	40,000
42450	CHARGES TO DEVELOPERS	(112,294)	164,637	276,931
	Total Retail Wastewater	10,265,453	11,067,340	801,887
	Pipeline Revenue			
42501	O&M-IH35, BUDA	107,093	129,215	22,122
42502	O&M-IH35, GOFORTH	251,020	333,918	82,898
42503	O&M-IH35, KYLE	317,053	379,809	62,756
42504	O&M-IH35, MONARCH	56,664	56,088	(576)
42550	O&M-RRWDS, COSM	1,664,170	1,547,384	(116,786)
42551	O&M-RRWDS, BUDA	204,713	247,023	42,310
42552	O&M-RRWDS, GOFORTH	479,838	638,361	158,523
42553	O&M-GPP	682,156	709,485	27,329
42554	O&M-RRWDS, HELP	226,246	293,428	67,182
42555	O&M-RRWDS, KYLE	606,065	726,091	120,026
42556	O&M-RRWDS, CRWA	341,394	395,080	53,686
42557	O&M-RRWDS, MONARCH	108,317	107,226	(1,091)
42570	O&M-SMWTP, COSM	(1,015,912)	(1,245,967)	(230,055)
42571	O&M-SMWTP, BUDA	187,528	226,852	39,324
42572	O&M-SMWTP, GOFORTH	439,557	586,236	146,679
42573	O&M-SMWTP, KYLE	555,187	666,802	111,615
42574	O&M-SMWTP, MONARCH	99,224	98,470	(754)
	Total Pipeline Revenue	5,310,313	5,895,501	585,188
	Hydroelectric			
42701	ENERGY PAYMENT	-	293,451	293,451
42702	CAPACITY PAYMENT	125,000	289,167	164,167

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
	Total Hydroelectric	125,000	582,618	457,618
	Laboratory			
42801	REV-LABORATORY SERVICES	980,000	980,000	-
	Total Laboratory	980,000	980,000	-
	Recreation & Other Rentals			
42901	REV-FACILITY RENTAL	38,000	18,000	(20,000)
42902	REV-PARK ENTRY FEES	1,107,499	1,101,105	(6,394)
42903	REV-CONCESSIONS/STORE CHARGES	8,000	18,000	10,000
42915	REV-SPONSORSHIPS	8,000	8,000	-
42920	REV-HUNTING REVENUE	20,350	20,350	-
42922	REV-AG & LAND USE	98,000	98,000	-
	Total Recreation & Other Rentals	1,279,849	1,263,455	(16,394)
	Internal Transfers			
43001	REV-ADMIN & GEN CHARGES	4,885,106	4,697,807	(187,299)
43002	REV-BUILDING/EQUIP RENTAL	292,633	443,877	151,244
43003	REV-FLEET LEASE	-	57,600	57,600
	Total Internal Transfers	5,177,739	5,199,284	21,545
	Operating Interest			
44101	INT-OPR CASH ACCOUNTS	25,000	25,000	-
44110	INT-OPR INVESTMENT FUNDS	479,775	1,178,864	699,089
	Total Operating Interest	504,775	1,203,864	699,089
	Misc Income			
45195	MISCELLANEOUS REVENUES	813,700	833,500	19,800
	Total Misc Income	813,700	833,500	19,800
	Pass-Through Costs			
45240	PASS-THROUGH-ELECTRIC COSTS	425,944	340,622	(85,322)
45241	PASS-THROUGH-CHEMICAL COSTS	756,684	778,181	21,497
45242	PASS-THROUGH-GNDWTR ELECTRIC COSTS	110,187	185,400	75,213
45243	PASS-THROUGH-GNDWTR CHEMICAL COSTS	27,522	71,307	43,785
45244	PASS-THROUGH-INSURANCE	30,300	64,858	34,558
45245	PASS-THROUGH-LOC	12,500	13,000	500
45246	PASS-THROUGH-INSPECTION	75,000	75,000	-
	Total Pass-Through Costs	1,438,137	1,528,368	90,231
	Grant & Interlocal Agreement Income			
45301	GRANTS-FEDERAL	1,200,497	807,749	(392,748)
45302	GRANTS-STATE	979,599	514,949	(464,650)
45303	GRANTS-CLEAN RIVERS PROGRAM	146,750	161,362	14,612
45320	INTERLOCAL-CONTRIBUTED BY CUSTOMERS	39,046	39,046	-

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
Total Grant & Interlocal Agreement Income	2,365,892	1,523,106	(842,786)
Total Operating Revenue	63,427,809	70,889,715	7,461,906
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	16,466,643	16,782,968	316,325
51102 LBR-OVERTIME	775,984	857,809	81,825
Total Salaries	17,242,627	17,640,777	398,150
Benefits			
51201 BEN-FICA/MED	1,287,014	1,202,246	(84,768)
51202 BEN-RETIREMENT	2,649,850	2,448,462	(201,388)
51203 BEN-HEALTH/DENTAL/VISION INSURANCE	2,623,950	2,263,787	(360,163)
51204 BEN-LIFE INSURANCE, LTD, AD&D	165,375	165,073	(302)
51220 BEN-OTHER BENEFIT EXP	-	300	300
51298 BEN-BENEFIT ALLOCATION	(352,984)	-	352,984
Total Benefits	6,373,205	6,079,868	(293,337)
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	5,018,049	6,132,658	1,114,609
52102 OPR-AUXILIARY POWER EXPENSE	225,700	266,950	41,250
52103 OPR-CHEMICALS	2,115,838	3,199,797	1,083,959
52110 OPR-SMALL TOOLS AND SUPPLIES	278,034	149,017	(129,017)
52111 OPR-PUBLIC NOTICES AND COMMUNICATIONS	201,500	226,150	24,650
52113 OPR-LAB SUPPLIES	274,726	316,829	42,103
52114 OPR-LABORATORY SERVICES-GBRA	593,422	618,187	24,765
52115 OPR-LABORATORY SERVICES-OUTSOURCED	97,742	99,308	1,566
52118 OPR-DISPOSAL SERVICES	1,339,696	1,346,206	6,510
52120 OPR-UNIFORMS/BUSINESS ATTIRE	106,330	124,400	18,070
52121 OPR-SAFTY & EMERGENCY EXPENSE	136,405	130,645	(5,760)
52122 OPR-SECURITY EXPENSE	28,710	31,350	2,640
52123 OPR-EQUIPMENT RENTAL	333,941	355,341	21,400
52124 OPR-EQUIPMENT EXPENSE	156,040	148,400	(7,640)
52125 OPR-VEHICLE EXPENSE	333,314	383,966	50,652
52126 OPR-FLEET LEASE EXPENSE	255,779	375,105	119,326
52132 OPR-GAUGING AND MONITORING	25,000	27,960	2,960
52133 OPR-SCADA	172,900	231,500	58,600
52145 OPR-CONTRACT LABOR	138,290	120,773	(17,517)
52150 OPR-WATER PURCHASES/DELIVERY	1,520,000	1,570,000	50,000
Total Operating Supplies & Services	13,351,416	15,854,542	2,503,126
Professional Services and Fees			

		FY 2023	FY 2024	FY 2024-2023
		BUDGET	BUDGET	DIFFERENCE
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	2,045,522	1,244,700	(800,822)
52202	OPR-PROFESSIONAL SERVICES-LEGAL	1,025,500	1,025,000	(500)
52204	OPR-PROFESSIONAL SERVICES-EMPLOYEE RELATED	123,575	107,983	(15,592)
52205	OPR-PROFESSIONAL SERVICES-OTHER	2,731,303	3,213,707	482,404
52208	OPR-LK DUNAP WCID CONTRACT	-	500,000	500,000
52209	OPR-DOW PUMP STATION	-	391,139	391,139
52210	OPR-CORPS OF ENGINEERS	850,000	850,000	-
52211	OPR-USGS MONITORING	236,400	226,300	(10,100)
52212	OPR-CARRIZO LEASE PAYMENTS	1,012,300	1,119,567	107,267
52213	OPR-GROUNDWATER DISTRICT FEES	191,528	221,215	29,687
52214	OPR-EAA HABITAT CONSERVATION	150,000	150,000	-
52215	OPR-GUADALUPE BLANCO RIVER TRUST	224,000	199,234	(24,766)
52216	OPR-REGULATORY FEES	389,420	392,070	2,650
52217	OPR-INSPECTION FEES	4,100	16,550	12,450
52218	NBU WW TREATMENT SERVICES	17,112	10,000	(7,112)
52219	OPR-CUSTOMER BILLING FEES	171,032	190,273	19,241
52220	OPR-BANK FEES	63,144	64,264	1,120
52222	OPR-MEMBERSHIPS & PUBLICATIONS	91,494	104,540	13,046
52223	OPR-LICENSE & TRAINING	249,729	262,454	12,725
52224	OPR-TRAVEL & MEETINGS	204,023	233,118	29,095
	Total Professional Services and Fees	9,780,182	10,522,114	741,932
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	98,500	129,000	30,500
52302	OPR-COMPUTER & SOFTWARE EXPENSE	608,700	700,671	91,971
52303	OPR-WIDE AREA NETWORK EXPENSE	92,410	136,760	44,350
52304	OPR-COPY SUPPLIES AND SERVICES	48,640	76,600	27,960
52305	OPR-POSTAGE AND FREIGHT EXPENSE	18,830	27,595	8,765
52306	OPR-DATA & PHONE EXPENSE	249,396	229,309	(20,087)
52320	OPR-EDUCATION EXPENSE	5,000	7,200	2,200
52321	OPR-COMMUNITY AFFAIRS	101,500	111,500	10,000
52322	OPR-ADVERTISING & SUBSCRIPTION EXPENSE	20,000	23,500	3,500
52323	OPR-EMPLOYEE RELATIONS	55,200	83,450	28,250
52330	OPR-OUTSOURCED PRINTING EXPENSE	32,000	37,024	5,024
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	69,200	90,550	21,350
	Total Office Expenses	1,399,376	1,653,159	253,783
	Other Operating Expenses			
52401	OPR-DIRECTORS EXPENSES	15,000	10,000	(5,000)
52403	OPR-OFFICE/BUILDING RENTAL	205,836	259,432	53,596
52404	OPR-RIGHT OF WAY	2,200	-	(2,200)
52405	OPR-CONCESSIONS/STORE MERCHANDISE	6,000	9,000	3,000
52420	OPR-INSURANCE EXPENSE	704,400	897,304	192,904
52430	OPR-MISC EXPENSE	144,500	79,490	(65,010)
	Total Other Operating Expenses	1,077,936	1,255,226	177,290

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
SUBTOTAL OF OPERATIONAL EXPENSES	49,224,743	53,005,686	3,780,943
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	395,700	297,700	(98,000)
53105 M&R-GENERATORS	47,500	75,000	27,500
53110 M&R-CONTROL SYSTEMS	105,430	240,830	135,400
53115 M&R-METERS	130,500	144,650	14,150
53120 M&R-BOATS	10,400	10,400	-
Total Maintenance and Repair Equipment	689,530	768,580	79,050
Structures			
53201 M&R-BUILDING	371,120	347,440	(23,680)
53202 M&R-CLEARWELLS	7,000	11,250	4,250
53205 M&R-PUMPS AND MOTORS	976,800	852,875	(123,925)
53210 M&R-GATES AND VALVES	120,500	99,500	(21,000)
53215 M&R-LIFTSTATIONS	75,000	77,000	2,000
53216 M&R-PUMPSTATIONS	184,400	285,475	101,075
53220 M&R-CLARIFIERS	63,000	227,700	164,700
53230 M&R-PIPELINES	530,700	458,450	(72,250)
53235 M&R-TRANSMISSION LINES	103,500	90,000	(13,500)
53237 M&R UV SYSTEM	10,000	20,000	10,000
53238 M&R-FILTERS	124,700	68,050	(56,650)
53240 M&R-SPILLGATES	27,000	47,000	20,000
53250 M&R-LAKE STRUCTURES	3,000	3,000	-
53251 M&R-PARK STRUCTURES	11,700	12,000	300
Total Structures	2,608,420	2,599,740	(8,680)
Other Maintenance & Repairs			
53301 M&R-ROADS	121,000	57,625	(63,375)
53302 M&R-WELLS	139,000	153,250	14,250
53310 M&R-GROUNDS/ROW	399,260	347,010	(52,250)
53315 M&R-CAMP AND PICNIC SITES	19,000	20,000	1,000
53320 M&R-PONDS AND LAGOONS	20,000	15,200	(4,800)
53324 M&R-REMOVE LOG JAMS	26,200	26,200	-
53325 M&R-GENERAL MAINTENANCE	528,377	588,870	60,493
53399 M&R-MISC EXPENSE	18,250	16,250	(2,000)
Total Other Maintenance & Repairs	1,271,087	1,224,405	(46,682)
SUBTOTAL OF M&R EXPENSES	4,569,037	4,592,725	23,688
Administrative & General			
54100 ADMINISTRATIVE & GENERAL	4,597,491	4,697,807	100,316
Total Administrative & General	4,597,491	4,697,807	100,316

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
Capital Expenses			
55001 CUSTOMER-OWNED CAPITAL EXPENSE	4,300	314,300	310,000
Total Capital Expenses	4,300	314,300	310,000
Capital Outlay			
13201 STRUCTURES & IMPROVEMENTS	153,000	215,000	62,000
13208 SPECIALIZED OPER EQUIPMENT	-	20,000	20,000
13210 W-WHEELS, TURB & GENERATORS	36,000	-	(36,000)
13217 AUTO & HEAVY EQUIPMENT	1,216,000	375,000	(841,000)
13219 MISCELLANEOUS EQUIPMENT	15,000	-	(15,000)
Total Capital Outlay	1,420,000	610,000	(810,000)
Transfers			
61505 TRANSFERS-DESIGNATED PROJECT FUND	238,354	1,814,552	1,576,198
61515 TRANSFERS-RESERVE FUND	(313,881)	115,076	428,957
Total Transfers	(75,527)	1,929,628	2,005,155
TOTAL OPERATING AND M&R EXPENSES	59,740,043	65,150,146	5,410,103
Net Operating Income	3,687,766	5,739,569	2,051,803

DEBT SERVICE BUDGET

Capacity Charge Revenue			
41131 DEBT SERVICE-LU/LO PROJECT	406,540	408,560	2,020
41133 DEBT COVER-LU/LO PROJECT	40,653	40,856	203
42601 DEBT SERV-RRWDS, COSM	686,670	640,279	(46,391)
42602 DEBT SERV-RRWDS, BUDA	103,985	103,985	-
42603 DEBT SERV-RRWDS, GOFORTH	342,223	342,223	-
42604 DEBT SERV-RRWDS, KYLE	337,928	337,928	-
42605 DEBT SERV-RRWDS, MONARCH	34,962	34,962	-
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	551,709	551,709	-
42642 DEBT SERV-2013 IH35, KYLE	542,774	542,774	-
42643 DEBT SERV-2013 IH35, MONARCH	55,841	55,841	-
42670 DEBT SERV-2016 SMWTP, BUDA	36,647	37,926	1,279
42671 DEBT SERV-2016 SMWTP, GOFORTH	109,019	124,904	15,885
42672 DEBT SERV-2016 SMWTP, KYLE	118,736	122,881	4,145
42673 DEBT SERV-2016 SMWTP, MONARCH	12,216	12,642	426
42674 DEBT SERV-2016 SMWTP, SUNFIELD	11,672	-	(11,672)

		FY 2023	FY 2024	FY 2024-2023
		BUDGET	BUDGET	DIFFERENCE
42680	DEBT SERV-2020 WCANYON COMB, BOERNE	749,808	809,452	59,644
42681	DEBT SERV-2020 WCANYON COMB, BREMER	9,373	8,521	(852)
42682	DEBT SERV-2020 WCANYON COMB, CLWSC-BULVERI	338,351	-	(338,351)
42683	DEBT SERV-2020 WCANYON COMB, COMAL TRACE	58,579	61,774	3,195
42684	DEBT SERV-2020 WCANYON COMB, COUSER	9,373	8,521	(852)
42685	DEBT SERV-2020 WCANYON COMB, FAIR OAKS	441,449	572,581	131,132
42686	DEBT SERV-2020 WCANYON COMB, GBRA CORDILLEI	281,178	369,366	88,188
42687	DEBT SERV-2020 WCANYON COMB, JOHNSON RANC	152,305	215,996	63,691
42688	DEBT SERV-2020 WCANYON COMB, KENDALL WEST	351,473	627,112	275,639
42689	DEBT SERV-2020 WCANYON COMB, MIRALOMAS	105,442	95,856	(9,586)
42690	DEBT SERV-2020 WCANYON COMB, SAWS	2,751,327	2,002,328	(748,999)
42692	DEBT COVERAGE-2020 WCANYON COMB REF BONDS	477,151	477,151	-
42695	DEBT SERV-CARRIZO, NBU	1,588,242	4,405,308	2,817,066
42696	DEBT SERV-CARRIZO, GOFORTH	594,059	1,570,649	976,590
42697	DEBT SERV-CARRIZO, LOCKHART	590,619	1,646,012	1,055,393
42698	DEBT SERV-CARRIZO, MAXWELL	-	211,993	211,993
42699	DEBT SERV-CARRIZO, COUNTY LINE	-	323,574	323,574
42790	DEBT SERV-2021 LK DUNLAP WCID	1,453,649	1,453,649	-
42791	DEBT SERV-2021 LK McQUEENEY WCID	523,050	1,718,617	1,195,567
42792	DEBT SERV-2022 LK PLACID WCID	1,350,735	1,330,636	(20,099)
	Total Capacity Charge Revenue	15,676,740	21,725,568	6,048,828
12532	I/F LOAN PAID-STEIN FALLS	700,000	700,000	-
24201	I/F LOAN-GENERAL	(700,000)	(700,000)	-
	Total Debt Revenue	15,676,740	21,725,568	6,048,828

	Principal Payments Expense			
21101	LOAN-1977 CORP OF ENGINEERS	285,086	292,213	7,127
21106	LOAN-2012 STEIN FALLS EXP, Regions	125,000	130,000	5,000
21201	BOND-2007 RRWDS	148,333	160,000	11,667
21202	BOND-2010 RRWDS	587,500	563,750	(23,750)
21204	BOND-2012 MID-BASIN	230,000	230,417	417
21205	BOND-2013 IH35	693,333	732,917	39,584
21207	BOND-2014 LULO PIPELINE	315,833	328,750	12,917
21209	BOND-2016 SMWTP	100,833	110,000	9,167
21211	BOND-2017 RRWDS	280,000	291,667	11,667
21212	BOND-2017 WCANYON AERATION BONDS	4,022,083	4,047,917	25,834
21213	BOND-2018A TWDB CARRIZO GRNDWTR	22,083	270,417	248,334
21214	BOND-2018B TWDB CARRIZO GRNDWTR	321,250	335,417	14,167
21216	BOND-2019 TWDB CARRIZO GRNDWTR	262,083	3,145,834	2,883,751
21218	BOND-2020 GEN IMP REV REF (OFFICE)	711,250	725,833	14,583
21222	BOND-2021 LAKE DUNLAP DAM TWDB	1,420,000	1,420,000	-
21223	BOND-2021 LAKE McQUEENEY DAM TWDB	-	1,260,000	1,260,000
21224	BOND-2021 LAKE PLACID DAM TWDB	-	50,000	50,000

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
21225	BOND-2021 STEIN FALLS CONSTRUCTION	-	37,917	37,917
21226	BOND-2021 DIETZ CONSTRUCTION	-	11,667	11,667
21229	BOND-2022 LAKE PLACID DAM TWDB	940,000	945,000	5,000
21230	BOND-2022 NB OFFICE CONSTRUCTION	-	155,000	155,000
21233	BOND-2022A SWBARRIER CONSTRUCTION	-	75,417	75,417
	Total Principal Payments Expense	10,464,667	15,320,133	4,855,466
	Interest Expense			
57101	INT-LONG TERM LOANS	52,689	48,430	(4,259)
57103	INT-LULO BONDS	90,706	79,810	(10,896)
57201	INT-1977 CANYON COE	23,804	16,677	(7,127)
57203	INT-2007 RRWDS	371,914	307,427	(64,487)
57204	INT-2010 RRWDS	36,745	18,322	(18,423)
57205	INT-2020 GEN IMP BONDS	120,967	106,742	(14,225)
57206	INT-2012 MID-BASIN BONDS	31,786	29,375	(2,411)
57207	INT-2013 IH35 BONDS	502,894	468,227	(34,667)
57208	INT-2020 WCANYON BONDS	747,470	725,490	(21,980)
57210	INT-2016 SMWTP	163,981	161,002	(2,979)
57212	INT-2017 RRWDS	224,565	213,365	(11,200)
57215	INT-2018/19/20/21/22 CARRIZO GROUNDWATER, TV	2,988,579	3,664,275	675,696
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	385,636	(5,640)
57222	INT-2022 NB OFFICE CONSTRUCTION	539,823	454,588	(85,235)
57223	INT-2022 SUNFIELD WW CONSTRUCTION	-	1,402,300	1,402,300
57224	INT-2022 SW BARRIER CONSTRUCTION	-	258,338	258,338
	Total Interest Expense	7,979,957	10,032,762	2,052,805
	Transfers			
61550	TRANSFERS-RESTRICTED/BOND COVENANT FUND	482,692	1,944,673	1,461,981
	Total Transfers	482,692	1,944,673	1,461,981
	Total Debt Expense	18,927,316	27,297,568	8,370,252
	Net Change in Debt Service Budget	(3,250,576)	(5,572,000)	(2,321,424)
	Net Change in Fund Balance	437,190	167,569	(269,621)



General Division

The General Division office, located in New Braunfels, 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.

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 8/31/24

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 & New Braunfels offices.

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 2024 is estimated at \$4,822,451. The remainder of the Division's revenue is from interest on investments in the amount of \$250,000.

The total revenue budgeted for the General Division in FY 2024 is \$5,072,451, which is \$3,556 or .07%, less 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 2024.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The work plan for FY 2024 includes a projected decrease in total budgeted operating and maintenance expenditures of \$5,748,156 from FY 2023 budgeted amount of \$5,769,782. The decrease is primarily the result of a decrease in employee benefit and retirement costs due to the sale and transfer of two operating divisions previously owned and managed by GBRA.

Personnel costs represent the largest cost of the General Division. Other significant operating expenses include professional fees at \$621,583, computer software and expenses of \$300,850, and office and building rental of \$211,328.

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, when including the repayment of \$700,000 from an interfund loan from the Rural Utilities Division, the net change in fund balance is expected to be \$24,295.

General	# of Authorized Positions (FTE)		
	2022	2023	2024
General Manager/CEO	1	1	1
Senior Deputy General Manager	1	1	---
Deputy General Manager	1	1	1
Senior Advisor to the General Manager	1	1	---
Executive Manager of Administration	1	1	1
Executive Manager of Finance/CFO	1	1	1
General Counsel	1	1	1
Deputy Executive Manager of Finance	1	1	1
Associate & Assistant General Counsel	3	2	2
Controller	1	1	1
Communication Director	1	1	1.5
Director of Government & Community Affairs	1	1	1
Human Resources Director	1	1	1
IT Director	1	1	1
Safety & Risk Manager	1	1	1
Purchasing Manager	1	1	1
Accounting Services Supervisor	1	1	1
Database, Network & System Administrators	2	3	3
Environmental Education Administrator	1	1	1
GIS Administrator/Analyst	1	2	2
Project & Community Representative	1	1	1
SCADA Administrator/Tech	4	4	4
Risk Management Coordinator	1	1	1
Executive Assistant to the General Manager	1	1	1
IT Operations/Project Manager	---	1	1
Paralegal	1	1	1
Buyer	1	1	1
Community Affairs Coordinator	1	1	1
Communications & Media Specialists	2	2	2
Environmental Education Specialist	1	1	1
Help Desk Technician	1	1	1
Records Manager	1	1	1
Treasury & Budget Coordinator	---	1	1
Payroll Coordinator	1	1	1
Accountant	1	1	1
Human Resources Specialist	1	1	1
Accounting Specialist	1	2	2
Customer Service Assistant	3	2	2
Records Specialist	1	1	1
Communications Project Manager	---	1	---
Grant Writer/Administrator	1	---	---
Help Desk Supervisor	---	---	1
Projects & Special Projects Managers	3	2	2
Strategic & Communications Manager	1	1	1
Utility Billing/Customer Service Specialist	1	1	1
Total	52	54	52.5

Changes from FY 2022 to FY 2023

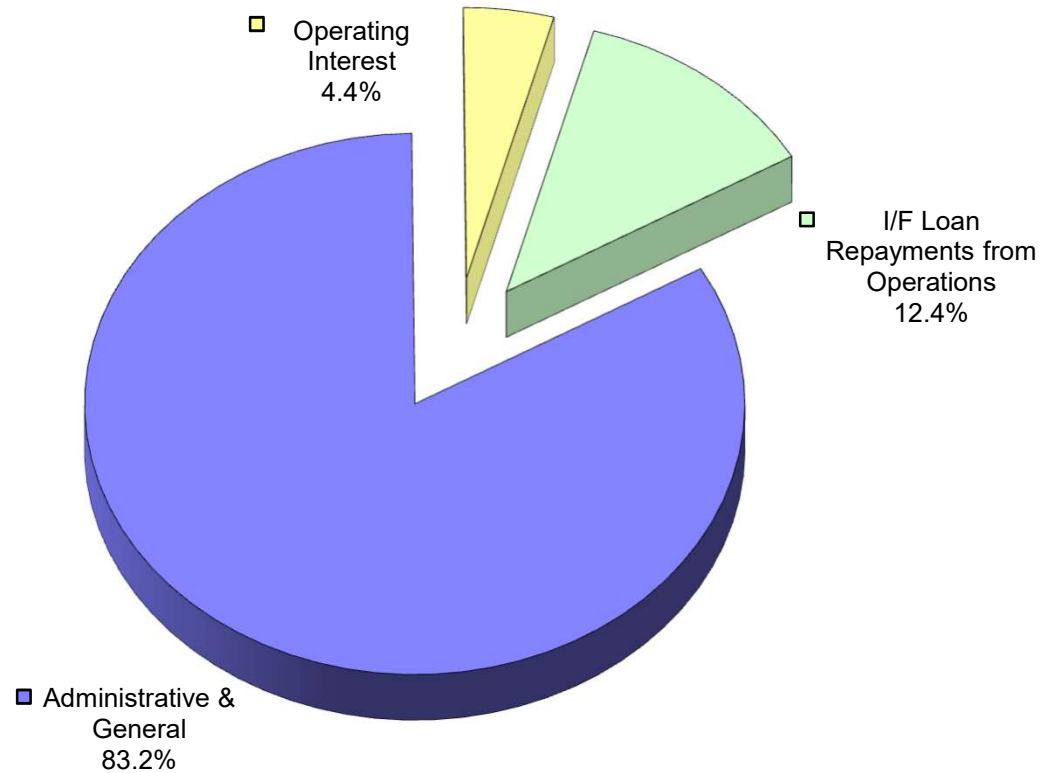
1-Added IT Operations/Project Manager
1-Added Education Coordinator

Changes from FY 2023 to FY 2024

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

Budget Summary

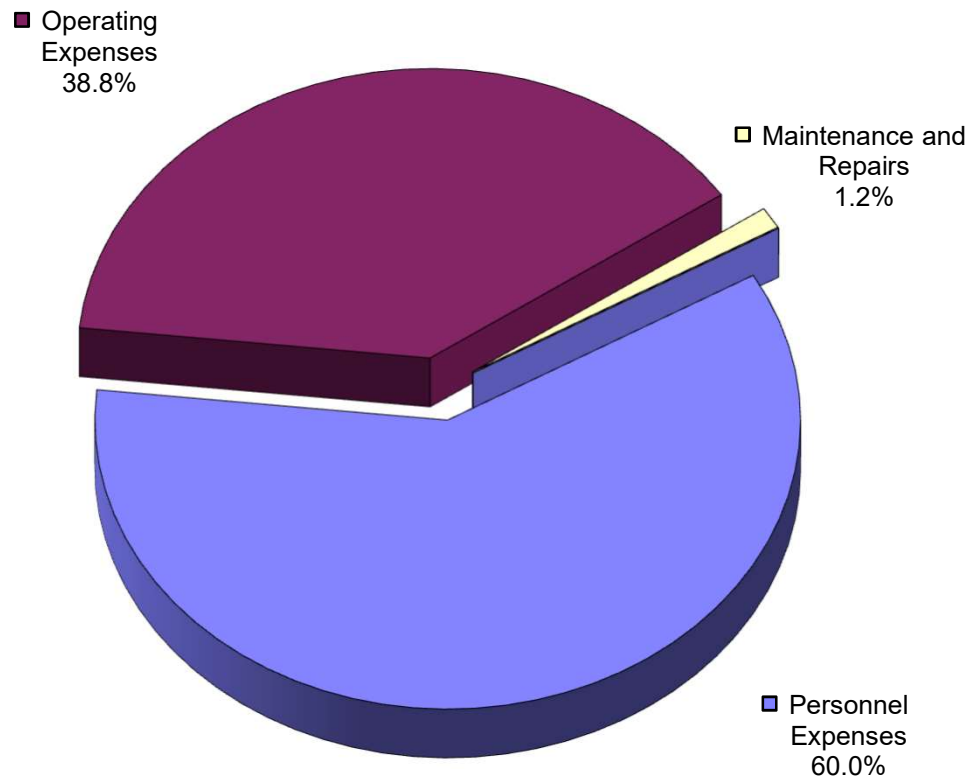
REVENUES - GENERAL



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 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	4,388,922	4,885,106	4,697,807
Operating Interest	81,388	85,000	250,000
Grant & Interlocal Agreement Income	196		
Miscellaneous Income	248,454	105,901	124,644
Total Operating Revenue	4,718,960	5,076,007	5,072,451
Capacity Charge Revenue			
I/F Loan Repayments from Operations		700,000	700,000
Grand Total Revenues	4,718,960	5,776,007	5,772,451

Budget Summary

EXPENSES - GENERAL



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	2,224,704	3,679,614	3,409,306
Operating Expenses	1,859,849	1,992,668	2,203,806
Maintenance and Repairs	45,632	97,500	68,500
Administrative & General			
Capital Expense & Outlay	815,387		
Transfers			66,544
Total Operating and M&R Expenses	4,945,572	5,769,782	5,748,156
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	4,945,572	5,769,782	5,748,156

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

**010 - General
Department ***

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Internal Transfers			
43001 REV-ADMIN & GEN CHARGES	4,885,106	4,697,807	(187,299)
43002 REV-BUILDING/EQUIP RENTAL	105,901	67,044	(38,857)
43003 REV-FLEET LEASE	-	57,600	57,600
Total Internal Transfers	4,991,007	4,822,451	(168,556)
Operating Interest			
44101 INT-OPR CASH ACCOUNTS	25,000	25,000	-
44110 INT-OPR INVESTMENT FUNDS	60,000	225,000	165,000
Total Operating Interest	85,000	250,000	165,000
Total Operating Revenue	5,076,007	5,072,451	(3,556)
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	3,044,638	3,173,850	129,212
51102 LBR-OVERTIME	8,509	10,671	2,162
Total Salaries	3,053,147	3,184,521	131,374
Benefits			
51201 BEN-FICA/MED	1,287,014	1,202,246	(84,768)
51202 BEN-RETIREMENT	2,649,850	2,448,462	(201,388)
51203 BEN-HEALTH/DENTAL/VISION INSURANCE	2,623,950	2,263,787	(360,163)
51204 BEN-LIFE INSURANCE, LTD, AD&D	165,375	165,073	(302)
51298 BEN-BENEFIT ALLOCATION	(6,099,722)	(5,854,783)	244,939
Total Benefits	626,467	224,785	(401,682)
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	101,000	101,000	-
52102 OPR-AUXILIARY POWER EXPENSE	-	14,000	14,000
52110 OPR-SMALL TOOLS AND SUPPLIES	1,000	-	(1,000)
52111 OPR-PUBLIC NOTICES AND COMMUNICATIONS	40,000	75,000	35,000

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
52120	OPR-UNIFORMS/BUSINESS ATTIRE	18,350	30,900	12,550
52121	OPR-SAFETY & EMERGENCY EXPENSE	24,000	20,000	(4,000)
52122	OPR-SECURITY EXPENSE	10,000	10,000	-
52125	OPR-VEHICLE EXPENSE	40,000	40,000	-
52126	OPR-FLEET LEASE EXPENSE	40,975	29,536	(11,439)
52145	OPR-CONTRACT LABOR	-	15,840	15,840
	Total Operating Supplies & Services	275,325	336,276	60,951
	Professional Services and Fees			
52202	OPR-PROFESSIONAL SERVICES-LEGAL	25,000	25,000	-
52204	OPR-PROFESSIONAL SERVICES-EMPLOYEE RELATED	123,575	107,983	(15,592)
52205	OPR-PROFESSIONAL SERVICES-OTHER	500,500	488,600	(11,900)
52215	OPR-GUADALUPE BLANCO RIVER TRUST	224,000	199,234	(24,766)
52220	OPR-BANK FEES	14,200	14,200	-
52222	OPR-MEMBERSHIPS & PUBLICATIONS	25,500	37,750	12,250
52223	OPR-LICENSE & TRAINING	78,300	95,400	17,100
52224	OPR-TRAVEL & MEETINGS	43,800	63,500	19,700
	Total Professional Services and Fees	1,034,875	1,031,667	(3,208)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	28,500	30,000	1,500
52302	OPR-COMPUTER & SOFTWARE EXPENSE	265,500	300,850	35,350
52304	OPR-COPY SUPPLIES AND SERVICES	23,320	34,300	10,980
52305	OPR-POSTAGE AND FREIGHT EXPENSE	1,800	500	(1,300)
52306	OPR-DATA & PHONE EXPENSE	49,700	50,590	890
52322	OPR-ADVERTISING & SUBSCRIPTION EXPENSE	10,000	10,000	-
52323	OPR-EMPLOYEE RELATIONS	50,000	75,000	25,000
52330	OPR-OUTSOURCED PRINTING EXPENSE	21,500	24,000	2,500
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	22,800	25,300	2,500
	Total Office Expenses	473,120	550,540	77,420
	Other Operating Expenses			
52401	OPR-DIRECTORS EXPENSES	15,000	10,000	(5,000)
52403	OPR-OFFICE/BUILDING RENTAL	115,548	211,328	95,780
52420	OPR-INSURANCE EXPENSE	63,800	58,995	(4,805)
52430	OPR-MISC EXPENSE	15,000	5,000	(10,000)
	Total Other Operating Expenses	209,348	285,323	75,975
	SUBTOTAL OF OPERATIONAL EXPENSES	5,672,282	5,613,112	(59,170)
	Structures			
53201	M&R-BUILDING	82,500	60,500	(22,000)
	Total Structures	82,500	60,500	(22,000)
	Other Maintenance & Repairs			

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
53310	M&R-GROUNDS/ROW	15,000	8,000	(7,000)
	Total Other Maintenance & Repairs	15,000	8,000	(7,000)
	SUBTOTAL OF M&R EXPENSES	97,500	68,500	(29,000)
	Transfers			
61505	TRANSFERS-DESIGNATED PROJECT FUND	-	66,544	66,544
	Total Transfers	-	66,544	66,544
	TOTAL OPERATING AND M&R EXPENSES	5,769,782	5,748,156	(21,626)
	Net Operating Income	(693,775)	(675,705)	18,070
DEBT SERVICE BUDGET				
	Internal Loan Revenue			
12532	I/F LOAN PAID-STEIN FALLS	700,000	700,000	-
	Total Internal Loan Revenue	700,000	700,000	-
	Total Debt Revenue	700,000	700,000	-
	Net Change in Debt Service Budget	700,000	700,000	-
	Net Change in Fund Balance	6,225	24,295	18,070



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: 1962• Customer: Guadalupe Valley Electric Coop• Plant Capacity: 16 MW | <ul style="list-style-type: none">• # of Current Employees: 12• Budgeted Revenue: No revenue is budgeted due to construction and inoperable spillgates |
|--|---|

Guadalupe Valley Hydroelectric Division

Operating Plan for Fiscal Year Ending 8/31/24

BACKGROUND

The Guadalupe Valley Hydroelectric Division (GVHD) was comprised of six low-head hydroelectric plants in Guadalupe and Gonzales Counties. Due to their age (90+ years) all spill gates have been lowdered to the full down position. In 2024 the only hydroelectric plant that will be operational will be Dunlap (022). The Lake Placid (023) and Lake McQueeney (023) dams are under construction and expected to be back online in 2026. These three plants have been moved to different budgets to coincide with the creation of the WCID's for those lakes to pay back the dam construction. 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.

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.

With the spill gates in the lowered position for rebuilding and the income from Dunlap being used to pay towards the loan there will be no income from generation in 2024.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

In addition to personnel costs, other significant operating costs include power & utilities of \$50,000, vehicle expenses including fuel and repairs of \$55,000, TCEQ regulatory fees of \$88,300, and insurance expense of \$47,904.

Total expenses for maintenance and repairs are \$87,000.

Total expenses are projected to be \$905,450.

FUND BALANCE

Hydroelectric power sales are insufficient to cover expenses of the operation. The budgeted deficit is projected to be \$905,450.

Staffing Summary

GV Hydroelectric	# of Authorized Positions (FTE)		
	2022	2023	2024
Deputy Division Manager - Hydroelectric Operations	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	8	7	6
Total	16	14	13

Changes from FY 2022 to FY 2023

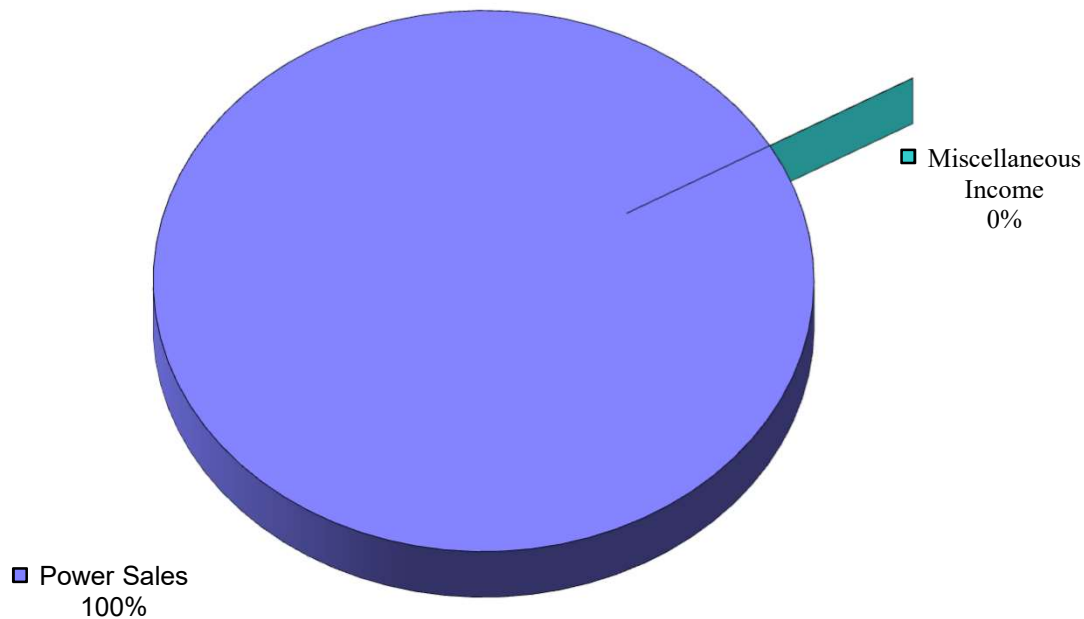
- 1-Deputy Division Manager was removed from this division.
- 1-Maintenance Crew position was removed from this division.

Changes from FY 2023 to FY 2024

- 1-Maintenance Crew positions were removed from this division.

Budget Summary

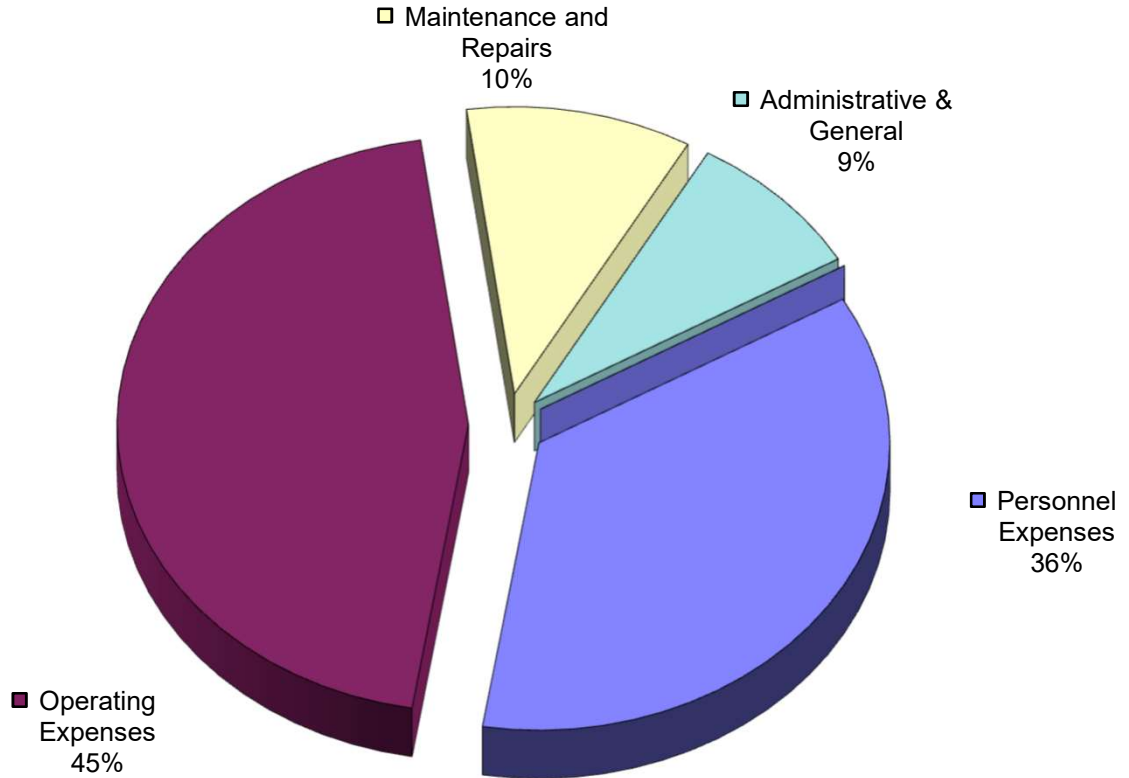
REVENUES - GUADALUPE VALLEY HYDROELECTRIC



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales	836,789	125,000	0
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals	4,361		
Administrative & General			
Operating Interest	2,810		
Grant & Interlocal Agreement Income			
Miscellaneous Income	1,945		
Total Operating Revenue	845,905	125,000	0
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	845,905	125,000	0

Budget Summary

EXPENSES - GUADALUPE VALLEY HYDROELECTRIC



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	1,189,019	884,942	299,959
Operating Expenses	476,720	546,464	378,038
Maintenance and Repairs	543,105	245,000	87,000
Administrative & General	279,227	207,851	70,453
Capital Expense & Outlay			70,000
Transfers			
Total Operating and M&R Expenses	2,488,071	1,884,257	905,450
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	2,488,071	1,884,257	905,450

Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024

021 - Guadalupe Valley Hydroelectric
Department *

		FY 2023	FY 2024	FY 2024-2023
		BUDGET	BUDGET	DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Hydroelectric				
42702	CAPACITY PAYMENT	125,000	-	(125,000)
	Total Hydroelectric	125,000	-	(125,000)
	Total Operating Revenue	125,000	-	(125,000)
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	602,891	205,078	(397,813)
51102	LBR-OVERTIME	26,961	8,416	(18,545)
	Total Salaries	629,852	213,494	(416,358)
Benefits				
51298	BEN-BENEFIT ALLOCATION	255,090	86,465	(168,625)
	Total Benefits	255,090	86,465	(168,625)
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	50,000	50,000	-
52102	OPR-AUXILIARY POWER EXPENSE	2,000	500	(1,500)
52110	OPR-SMALL TOOLS AND SUPPLIES	20,000	10,000	(10,000)
52120	OPR-UNIFORMS/BUSINESS ATTIRE	14,000	10,000	(4,000)
52121	OPR-SAFETY & EMERGENCY EXPENSE	25,000	10,000	(15,000)
52125	OPR-VEHICLE EXPENSE	70,000	55,000	(15,000)
52126	OPR-FLEET LEASE EXPENSE	15,564	33,834	18,270
52133	OPR-SCADA	13,200	5,700	(7,500)
	Total Operating Supplies & Services	209,764	175,034	(34,730)
Professional Services and Fees				
52216	OPR-REGULATORY FEES	88,300	88,300	-
52222	OPR-MEMBERSHIPS & PUBLICATIONS	1,000	500	(500)
52223	OPR-LICENSE & TRAINING	5,000	5,000	-
52224	OPR-TRAVEL & MEETINGS	3,000	3,000	-

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
Total Professional Services and Fees	97,300	96,800	(500)
Office Expenses			
52301 OPR-OFFICE SUPPLIES	2,500	10,000	7,500
52302 OPR-COMPUTER & SOFTWARE EXPENSE	17,050	17,850	800
52303 OPR-WIDE AREA NETWORK EXPENSE	1,650	3,200	1,550
52305 OPR-POSTAGE AND FREIGHT EXPENSE	400	250	(150)
52306 OPR-DATA & PHONE EXPENSE	12,000	9,000	(3,000)
52331 OPR-JANITORIAL SUPPLIES AND SERVICE	5,000	3,000	(2,000)
Total Office Expenses	38,600	43,300	4,700
Other Operating Expenses			
52403 OPR-OFFICE/BUILDING RENTAL	16,200	-	(16,200)
52420 OPR-INSURANCE EXPENSE	164,600	47,904	(116,696)
52430 OPR-MISC EXPENSE	20,000	15,000	(5,000)
Total Other Operating Expenses	200,800	62,904	(137,896)
SUBTOTAL OF OPERATIONAL EXPENSES	1,431,406	677,997	(753,409)
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	15,000	12,000	(3,000)
53105 M&R-GENERATORS	30,000	5,000	(25,000)
Total Maintenance and Repair Equipment	45,000	17,000	(28,000)
Structures			
53201 M&R-BUILDING	20,000	5,000	(15,000)
53235 M&R-TRANSMISSION LINES	25,000	-	(25,000)
Total Structures	45,000	5,000	(40,000)
Other Maintenance & Repairs			
53310 M&R-GROUNDS/ROW	155,000	65,000	(90,000)
Total Other Maintenance & Repairs	155,000	65,000	(90,000)
SUBTOTAL OF M&R EXPENSES	245,000	87,000	(158,000)
Administrative & General			
54100 ADMINISTRATIVE & GENERAL	207,851	70,453	(137,398)
Total Administrative & General	207,851	70,453	(137,398)
Capital Outlay			
13217 AUTO & HEAVY EQUIPMENT	-	70,000	70,000
Total Capital Outlay	-	70,000	70,000
TOTAL OPERATING AND M&R EXPENSES	1,884,257	905,450	(978,807)

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
Net Operating Income	<u>(1,759,257)</u>	<u>(905,450)</u>	<u>853,807</u>
Net Change in Fund Balance	<u>(1,759,257)</u>	<u>(905,450)</u>	<u>853,807</u>

Hydroelectric Division - Capital Outlay Expense

Description	FY 2024
-------------	---------

Capital Outlay Funded From Current Revenues

Replacement Hydro Truck	\$	70,000
-------------------------	----	--------

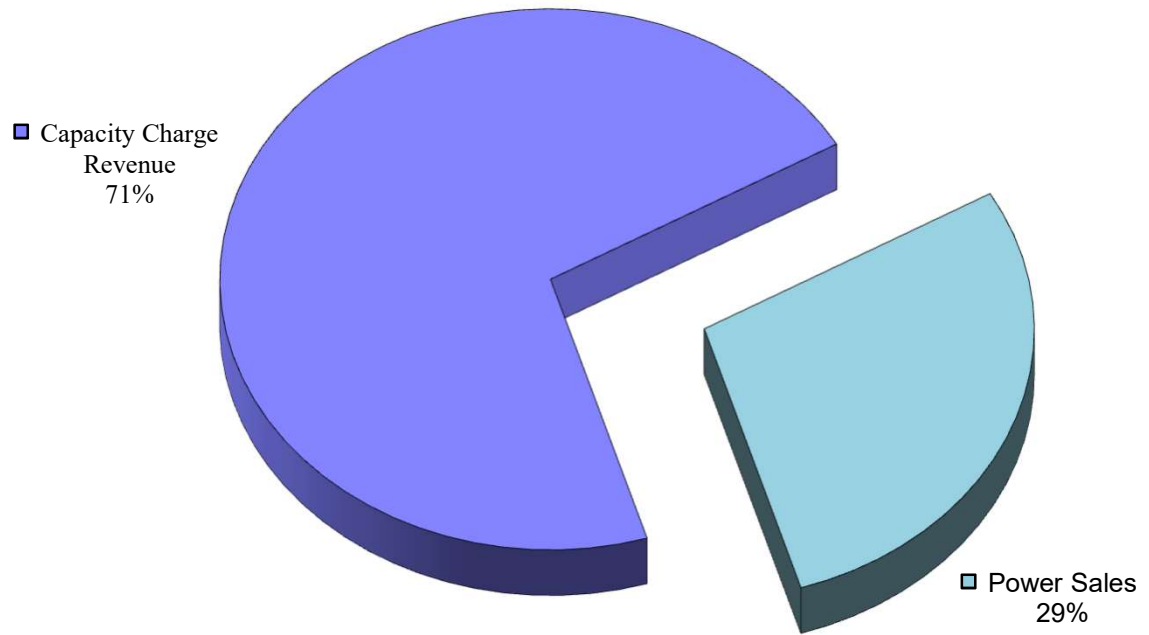
Total Hydroelectric Capital Outlay Expense	\$	70,000
--	----	--------



(This page was intentionally left blank)

Budget Summary

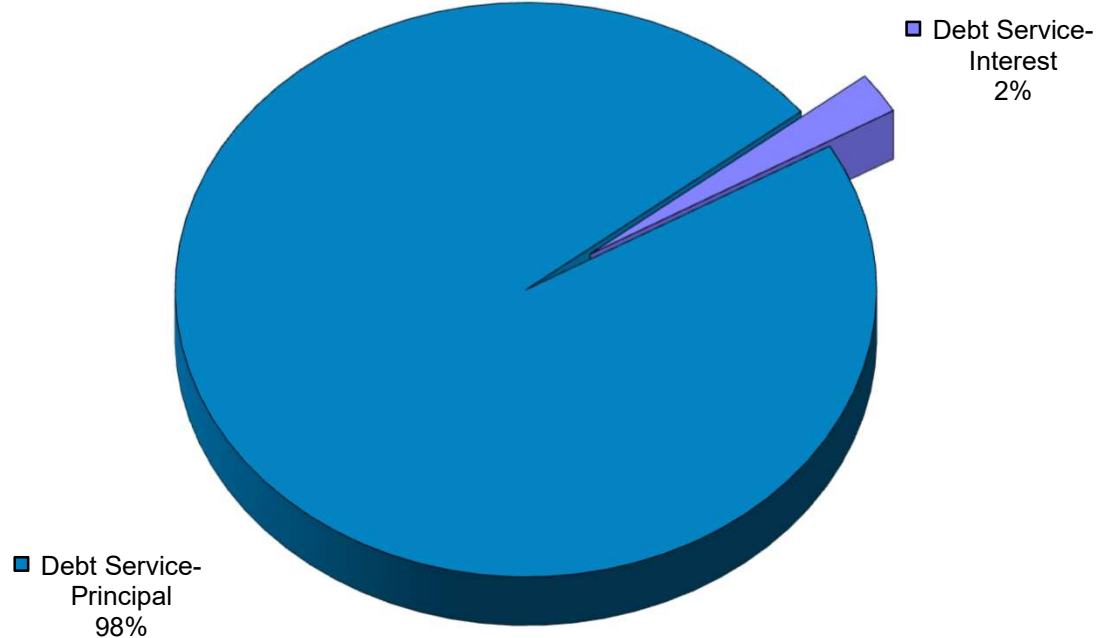
REVENUES - LAKE DUNLAP DAM



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			582,618
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	149,175		
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	149,175		582,618
Capacity Charge Revenue		1,453,649	1,453,649
I/F Loan Repayments from Operations			
Grand Total Revenues	149,175	1,453,649	2,036,267

Budget Summary

EXPENSES - LAKE DUNLAP DAM



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses			254,333
Operating Expenses			143,931
Maintenance and Repairs			42,000
Administrative & General			59,736
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses			500,000
Debt Service-Principal		1,420,000	1,420,000
Debt Service-Interest	33,649	33,649	33,649
Debt Service-Bond Covenant Fund			
Grand Total Expenses	33,649	1,453,649	1,953,649

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

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

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Hydroelectric				
42701	ENERGY PAYMENT	-	293,451	293,451
42702	CAPACITY PAYMENT	-	289,167	289,167
	Total Hydroelectric	-	582,618	582,618
	Total Operating Revenue	-	582,618	582,618
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	-	169,325	169,325
51102	LBR-OVERTIME	-	11,695	11,695
	Total Salaries	-	181,020	181,020
Benefits				
51298	BEN-BENEFIT ALLOCATION	-	73,313	73,313
	Total Benefits	-	73,313	73,313
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	-	5,000	5,000
52102	OPR-AUXILIARY POWER EXPENSE	-	2,000	2,000
52110	OPR-SMALL TOOLS AND SUPPLIES	-	3,000	3,000
52120	OPR-UNIFORMS/BUSINESS ATTIRE	-	1,000	1,000
52121	OPR-SAFETY & EMERGENCY EXPENSE	-	2,000	2,000
52125	OPR-VEHICLE EXPENSE	-	3,000	3,000
52126	OPR-FLEET LEASE EXPENSE	-	2,000	2,000
52151	OPR-LK DUNLAP CANAL CHARGE	-	(430,869)	(430,869)
	Total Operating Supplies & Services	-	(412,869)	(412,869)
Professional Services and Fees				
52205	OPR-PROFESSIONAL SERVICES-OTHER	-	1,400	1,400
52208	OPR-LK DUNAP WCID CONTRACT	-	500,000	500,000
	Total Professional Services and Fees	-	501,400	501,400

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
	Other Operating Expenses			
52403	OPR-OFFICE/BUILDING RENTAL	-	5,400	5,400
52420	OPR-INSURANCE EXPENSE	-	50,000	50,000
	Total Other Operating Expenses	-	55,400	55,400
	SUBTOTAL OF OPERATIONAL EXPENSES	-	398,264	398,264
	Maintenance and Repair Equipment			
53105	M&R-GENERATORS	-	30,000	30,000
	Total Maintenance and Repair Equipment	-	30,000	30,000
	Structures			
53201	M&R-BUILDING	-	2,000	2,000
53235	M&R-TRANSMISSION LINES	-	5,000	5,000
	Total Structures	-	7,000	7,000
	Other Maintenance & Repairs			
53310	M&R-GROUNDS/ROW	-	5,000	5,000
	Total Other Maintenance & Repairs	-	5,000	5,000
	SUBTOTAL OF M&R EXPENSES	-	42,000	42,000
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	-	59,736	59,736
	Total Administrative & General	-	59,736	59,736
	TOTAL OPERATING AND M&R EXPENSES	-	500,000	500,000
	Net Operating Income	-	82,618	82,618

DEBT SERVICE BUDGET

	Capacity Charge Revenue			
42790	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

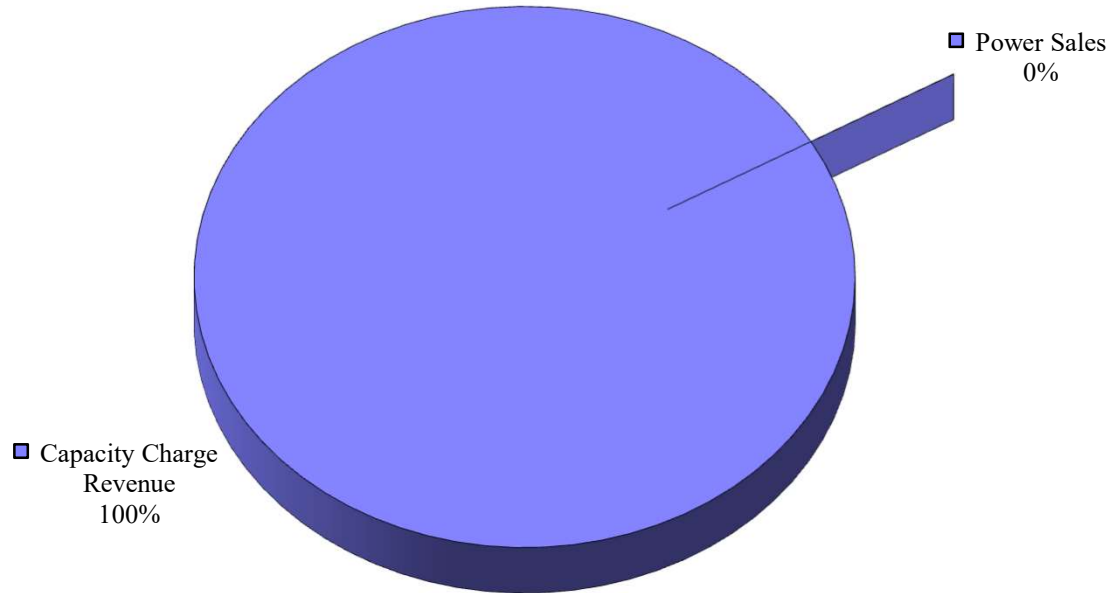
		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
21222	BOND-2021 LAKE DUNLAP DAM TWDB	<u>1,420,000</u>	<u>1,420,000</u>	<u>-</u>
	Total Principal Payments Expense	<u>1,420,000</u>	<u>1,420,000</u>	<u>-</u>
	Interest Expense			
57216	INT-2021 LAKE DUNLAP DAM, TWDB	<u>33,649</u>	<u>33,649</u>	<u>-</u>
	Total Interest Expense	<u>33,649</u>	<u>33,649</u>	<u>-</u>
	Total Debt Expense	<u>1,453,649</u>	<u>1,453,649</u>	<u>-</u>
	Net Change in Debt Service Budget	<u>-</u>	<u>-</u>	<u>-</u>
	Net Change in Fund Balance	<u>-</u>	<u>82,618</u>	<u>82,618</u>



(This page was intentionally left blank)

Budget Summary

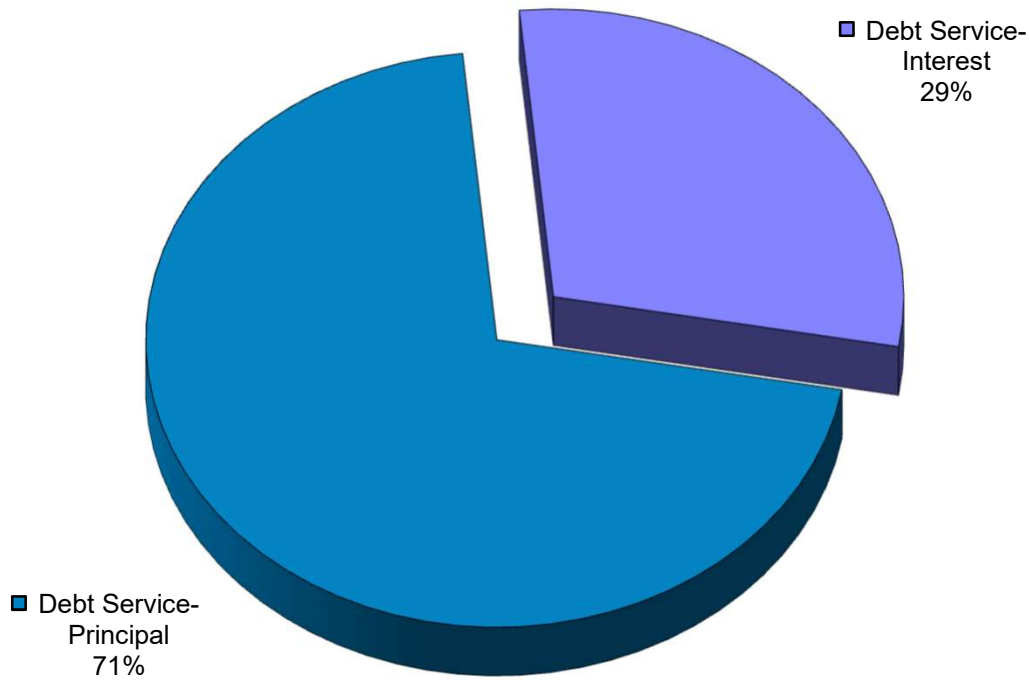
REVENUES - LAKE McQUEENEY DAM



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 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	121,382		
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	121,382		
Capacity Charge Revenue		523,050	1,718,617
I/F Loan Repayments from Operations			
Grand Total Revenues	121,382	523,050	1,718,617

Budget Summary

EXPENSES - LAKE McQUEENEY DAM



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses			81,277
Operating Expenses	899,297		73,800
Maintenance and Repairs			22,000
Administrative & General			19,090
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	899,297		196,167
Debt Service-Principal			1,260,000
Debt Service-Interest	380,664	523,050	523,050
Debt Service-Bond Covenant Fund			(64,433)
Grand Total Expenses	1,279,961	523,050	1,914,784

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

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

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	-	54,548	54,548
51102	LBR-OVERTIME	-	3,300	3,300
	Total Salaries	-	57,848	57,848
Benefits				
51298	BEN-BENEFIT ALLOCATION	-	23,429	23,429
	Total Benefits	-	23,429	23,429
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	-	5,000	5,000
52102	OPR-AUXILIARY POWER EXPENSE	-	2,000	2,000
52110	OPR-SMALL TOOLS AND SUPPLIES	-	3,000	3,000
52120	OPR-UNIFORMS/BUSINESS ATTIRE	-	1,000	1,000
52121	OPR-SAFETY & EMERGENCY EXPENSE	-	1,000	1,000
52125	OPR-VEHICLE EXPENSE	-	3,000	3,000
52126	OPR-FLEET LEASE EXPENSE	-	2,000	2,000
	Total Operating Supplies & Services	-	17,000	17,000
Professional Services and Fees				
52205	OPR-PROFESSIONAL SERVICES-OTHER	-	1,400	1,400
	Total Professional Services and Fees	-	1,400	1,400
Other Operating Expenses				
52403	OPR-OFFICE/BUILDING RENTAL	-	5,400	5,400
52420	OPR-INSURANCE EXPENSE	-	50,000	50,000
	Total Other Operating Expenses	-	55,400	55,400
	SUBTOTAL OF OPERATIONAL EXPENSES	-	155,077	155,077

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
	Maintenance and Repair Equipment			
53105	M&R-GENERATORS	-	10,000	10,000
	Total Maintenance and Repair Equipment	-	10,000	10,000
	Structures			
53201	M&R-BUILDING	-	2,000	2,000
53235	M&R-TRANSMISSION LINES	-	5,000	5,000
	Total Structures	-	7,000	7,000
	Other Maintenance & Repairs			
53310	M&R-GROUNDS/ROW	-	5,000	5,000
	Total Other Maintenance & Repairs	-	5,000	5,000
	SUBTOTAL OF M&R EXPENSES	-	22,000	22,000
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	-	19,090	19,090
	Total Administrative & General	-	19,090	19,090
	TOTAL OPERATING AND M&R EXPENSES	-	196,167	196,167
	Net Operating Income	-	(196,167)	(196,167)

DEBT SERVICE BUDGET

	Capacity Charge Revenue			
42791	DEBT SERV-2021 LK McQUEENEY WCID	523,050	1,718,617	1,195,567
	Total Capacity Charge Revenue	523,050	1,718,617	1,195,567
	Total Debt Revenue	523,050	1,718,617	1,195,567
	Principal Payments Expense			
21223	BOND-2021 LAKE McQUEENEY DAM TWDB	-	1,260,000	1,260,000
	Total Principal Payments Expense	-	1,260,000	1,260,000
	Interest Expense			
57217	INT-2021 LAKE McQUEENEY DAM, TWDB	523,050	523,050	-
	Total Interest Expense	523,050	523,050	-

Transfers

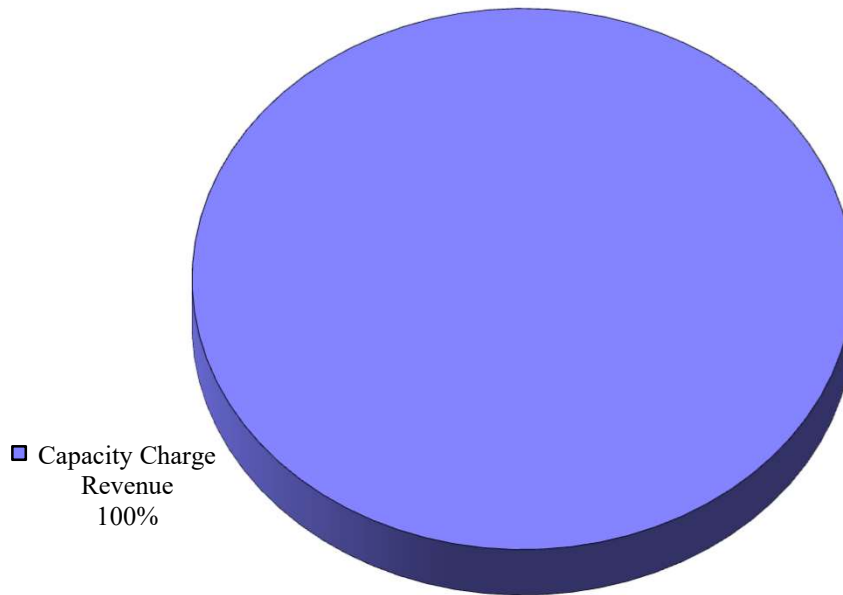
	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
61550 TRANSFERS-RESTRICTED/BOND COVENANT FUND	-	(64,433)	(64,433)
Total TRANSFERS-RESTRICTED/BOND COVENANT FUND	-	(64,433)	(64,433)
Total Debt Expense	523,050	1,718,617	1,195,567
Net Change in Debt Service Budget	-	-	-
Net Change in Fund Balance	-	(196,167)	(196,167)



(This page was intentionally left blank)

Budget Summary

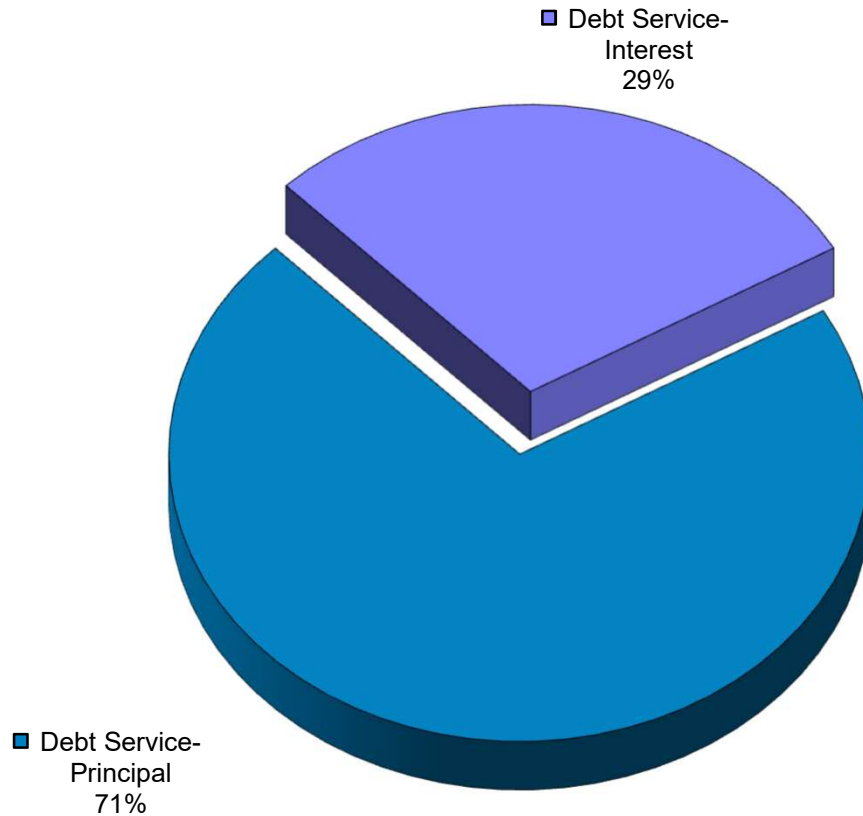
REVENUES - LAKE PLACID DAM



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 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	94,802		
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	94,802		
Capacity Charge Revenue		1,350,735	1,330,636
I/F Loan Repayments from Operations			
Grand Total Revenues	94,802	1,350,735	1,330,636

Budget Summary

EXPENSES - LAKE PLACID DAM



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses			81,277
Operating Expenses	713,052		74,800
Maintenance and Repairs			17,000
Administrative & General			19,090
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	713,052		192,167
Debt Service-Principal		940,000	995,000
Debt Service-Interest	236,834	410,735	405,095
Debt Service-Bond Covenant Fund			(69,459)
Grand Total Expenses	949,886	1,350,735	1,522,803

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

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

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	-	54,548	54,548
51102	LBR-OVERTIME	-	3,300	3,300
	Total Salaries	<u>-</u>	<u>57,848</u>	<u>57,848</u>
Benefits				
51298	BEN-BENEFIT ALLOCATION	-	23,429	23,429
	Total Benefits	<u>-</u>	<u>23,429</u>	<u>23,429</u>
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	-	5,000	5,000
52102	OPR-AUXILIARY POWER EXPENSE	-	2,000	2,000
52110	OPR-SMALL TOOLS AND SUPPLIES	-	3,000	3,000
52120	OPR-UNIFORMS/BUSINESS ATTIRE	-	1,000	1,000
52121	OPR-SAFETY & EMERGENCY EXPENSE	-	2,000	2,000
52125	OPR-VEHICLE EXPENSE	-	3,000	3,000
52126	OPR-FLEET LEASE EXPENSE	-	2,000	2,000
	Total Operating Supplies & Services	<u>-</u>	<u>18,000</u>	<u>18,000</u>
Professional Services and Fees				
52205	OPR-PROFESSIONAL SERVICES-OTHER	-	1,400	1,400
	Total Professional Services and Fees	<u>-</u>	<u>1,400</u>	<u>1,400</u>
Other Operating Expenses				
52403	OPR-OFFICE/BUILDING RENTAL	-	5,400	5,400
52420	OPR-INSURANCE EXPENSE	-	50,000	50,000
	Total Other Operating Expenses	<u>-</u>	<u>55,400</u>	<u>55,400</u>
	SUBTOTAL OF OPERATIONAL EXPENSES	<u>-</u>	<u>156,077</u>	<u>156,077</u>

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
	Maintenance and Repair Equipment			
53105	M&R-GENERATORS	-	5,000	5,000
	Total Maintenance and Repair Equipment	-	5,000	5,000
	Structures			
53201	M&R-BUILDING	-	2,000	2,000
53235	M&R-TRANSMISSION LINES	-	5,000	5,000
	Total Structures	-	7,000	7,000
	Other Maintenance & Repairs			
53310	M&R-GROUNDS/ROW	-	5,000	5,000
	Total Other Maintenance & Repairs	-	5,000	5,000
	SUBTOTAL OF M&R EXPENSES	-	17,000	17,000
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	-	19,090	19,090
	Total Administrative & General	-	19,090	19,090
	TOTAL OPERATING AND M&R EXPENSES	-	192,167	192,167
	Net Operating Income	-	(192,167)	(192,167)

DEBT SERVICE BUDGET

	Capacity Charge Revenue			
42792	DEBT SERV-2022 LK PLACID WCID	1,350,735	1,330,636	(20,099)
	Total Capacity Charge Revenue	1,350,735	1,330,636	(20,099)
	Total Debt Revenue	1,350,735	1,330,636	(20,099)
	Principal Payments Expense			
21224	BOND-2021 LAKE PLACID DAM TWDB	-	50,000	50,000
21229	BOND-2022 LAKE PLACID DAM TWDB	940,000	945,000	5,000
	Total Principal Payments Expense	940,000	995,000	55,000
	Interest Expense			
57218	INT-2021 LAKE PLACID DAM, TWDB	19,459	19,459	-
57221	INT-2022 LAKE PLACID DAM, TWDB	391,276	385,636	(5,640)
	Total Interest Expense	410,735	405,095	(5,640)

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
	Transfers			
61550	TRANSFERS-RESTRICTED/BOND COVENANT FUND	-	(69,459)	(69,459)
	Total TRANSFERS-RESTRICTED/BOND COVENANT FUND	<u>-</u>	<u>(69,459)</u>	<u>(69,459)</u>
	Total Debt Expense	<u>1,350,735</u>	<u>1,330,636</u>	<u>(20,099)</u>
	Net Change in Debt Service Budget	<u>-</u>	<u>-</u>	<u>-</u>
	Net Change in Fund Balance	<u>-</u>	<u>(192,167)</u>	<u>(192,167)</u>



(This page was intentionally left blank)



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: 111,000,000

- Startup Operation Date: January 1, 2006
- Budgeted Revenue: \$1,280,652

Rural Utilities Division

Shadow Creek Wastewater Reclamation Facility System

Operating Plan for Fiscal Year Ending 8/31/24

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 111 million gallons per year or 0.304 million gallons per day. The budgeted FY 2024 revenue for the Shadow Creek System is \$1,280,652.

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 2024 amounts to \$1,114,881.

Significant operating and maintenance expenses are power costs of \$115,000, biosolids disposal of \$70,000, chemicals of \$61,600, laboratory testing and supplies and expenses of \$29,900, and customer billing fees of \$32,919 to be paid to Goforth Special Utility District for collection of monthly sewer bills from customers. Maintenance and repair costs incorporated into the budget total \$107,000 which cover routine maintenance to pumps, motors, and equipment, as well as odor control. This year's budget includes additional costs for lift station cleaning, clarifier repair, replacement of media cloth, full cleanout repairs on the collection system, and the repair or replacement of the front fence.

This budget includes \$6,763 for insurance secured by GBRA; however, the North Hays County MUD is responsible for property insurance which is not included within this budget. The budget also includes the standard administration and general cost percentage charged to all operating divisions of GBRA.

The capital addition budgeted for FY 2024 is an Aerzen blower to replace an Atlas Copco blower in the amount of \$160,000.

FUND BALANCE

Funds for the above listed capital addition, 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 \$165,771.

Staffing Summary

Shadow Creek/Sunfield WWTPs	Authorized Positions (FTE)		
	2022	2023	2024
Hays Wastewater Manager	1	1	1
Operator	5	6	6
Total	6	7	7

Changes from FY 2022 to FY 2023

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

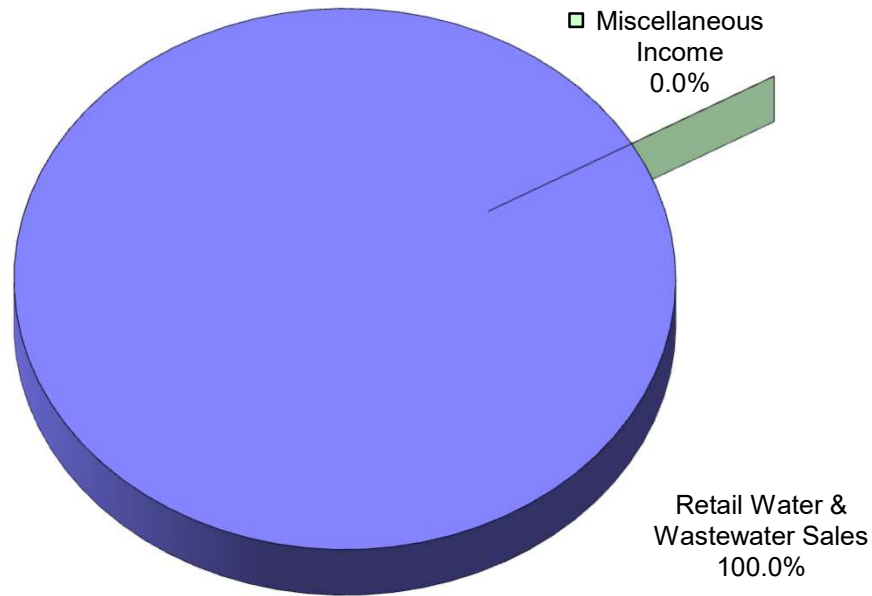
Changes from FY 2023 to FY 2024

No staffing changes for this division.

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

Budget Summary

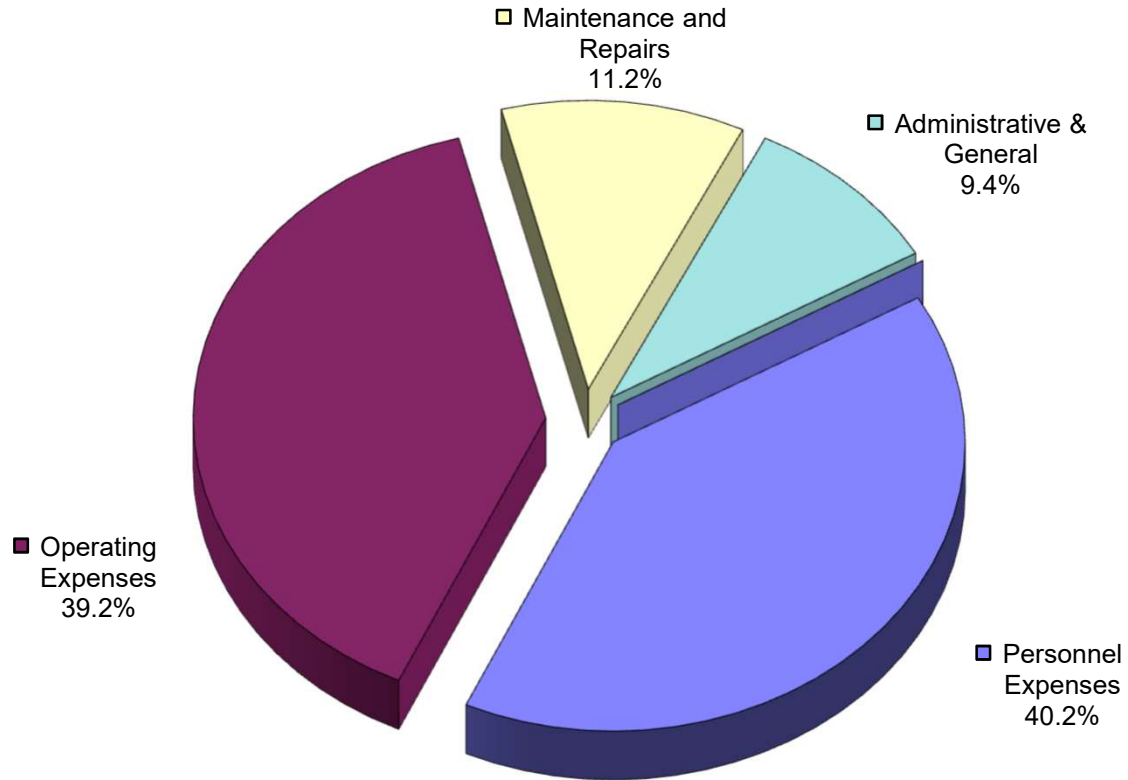
REVENUES - SHADOW CREEK WWTP



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	1,155,063	1,256,784	1,280,652
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest	4,893		
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	1,159,956	1,256,784	1,280,652
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	1,159,956	1,256,784	1,280,652

Budget Summary

EXPENSES - SHADOW CREEK WWTP



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	287,438	393,293	383,663
Operating Expenses	348,644	357,305	374,105
Maintenance and Repairs	113,054	85,800	107,000
Administrative & General	66,777	92,375	90,113
Capital Expense & Outlay			160,000
Transfers			
Total Operating and M&R Expenses	815,913	928,773	1,114,881
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	815,913	928,773	1,114,881

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

**030 - Shadow Creek WWTP
Department ***

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Retail Wastewater			
42401 WASTEWATER SERVICES	1,042,584	1,193,352	150,768
42402 SEWER CONNECTION/INSP FEES	207,000	75,000	(132,000)
42405 TRANSFER FEES	7,200	12,300	5,100
Total Retail Wastewater	1,256,784	1,280,652	23,868
Total Operating Revenue	1,256,784	1,280,652	23,868
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	267,969	261,079	(6,890)
51102 LBR-OVERTIME	11,955	11,991	36
Total Salaries	279,924	273,070	(6,854)
Benefits			
51298 BEN-BENEFIT ALLOCATION	113,369	110,593	(2,776)
Total Benefits	113,369	110,593	(2,776)
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	120,000	115,000	(5,000)
52102 OPR-AUXILIARY POWER EXPENSE	8,000	8,000	-
52103 OPR-CHEMICALS	35,100	61,600	26,500
52110 OPR-SMALL TOOLS AND SUPPLIES	1,000	1,200	200
52113 OPR-LAB SUPPLIES	4,500	4,500	-
52114 OPR-LABORATORY SERVICES-GBRA	25,000	24,000	(1,000)
52115 OPR-LABORATORY SERVICES-OUTSOURCED	1,300	1,400	100
52118 OPR-DISPOSAL SERVICES	60,000	70,000	10,000
52120 OPR-UNIFORMS	2,600	2,600	-
52121 OPR-SAFTY & EMERGENCY EXPENSE	4,000	5,000	1,000
52123 OPR-EQUIPMENT RENTAL	19,774	2,873	(16,901)
52124 OPR-EQUIPMENT EXPENSE	1,000	1,000	-
52125 OPR-VEHICLE EXPENSE	5,000	5,000	-

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
52126	OPR-FLEET LEASE EXPENSE	4,800	4,800	-
52133	OPR-SCADA	1,700	2,700	1,000
	Total Operating Supplies & Services	293,774	309,673	15,899
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	3,000	3,500	500
52216	OPR-REGULATORY FEES	1,300	1,300	-
52219	OPR-CUSTOMER BILLING FEES	32,331	32,919	588
52222	OPR-MEMBERSHIPS & PUBLICATIONS	400	400	-
52223	OPR-LICENSE & TRAINING	2,100	2,100	-
52224	OPR-TRAVEL & MEETINGS	6,000	3,000	(3,000)
	Total Professional Services and Fees	45,131	43,219	(1,912)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	800	1,000	200
52302	OPR-COMPUTER & SOFTWARE EXPENSE	4,150	4,350	200
52303	OPR-WIDE AREA NETWORK EXPENSE	1,650	3,200	1,550
52306	OPR-DATA & PHONE EXPENSE	5,000	5,000	-
	Total Office Expenses	11,600	13,550	1,950
	Other Operating Expenses			
52403	OPR-OFFICE/BUILDING RENTAL	900	900	-
52420	OPR-INSURANCE EXPENSE	5,900	6,763	863
	Total Other Operating Expenses	6,800	7,663	863
	SUBTOTAL OF OPERATIONAL EXPENSES	750,598	757,768	7,170
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	5,000	12,000	7,000
53110	M&R-CONTROL SYSTEMS	8,000	10,000	2,000
53115	M&R-METERS	2,000	2,000	-
	Total Maintenance and Repair Equipment	15,000	24,000	9,000
	Structures			
53201	M&R-BUILDING	2,000	2,000	-
53205	M&R-PUMPS AND MOTORS	15,000	25,000	10,000
53210	M&R-GATES AND VALVES	6,000	6,000	-
53215	M&R-LIFTSTATIONS	15,000	17,000	2,000
53220	M&R-CLARIFIERS	800	1,000	200
53238	M&R-FILTERS	8,000	8,000	-
	Total Structures	46,800	59,000	12,200
	Other Maintenance & Repairs			
53310	M&R-GROUNDS/ROW	4,000	4,000	-
53325	M&R-GENERAL MAINTENANCE	20,000	20,000	-

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
	Total Other Maintenance & Repairs	24,000	24,000	-
	SUBTOTAL OF M&R EXPENSES	85,800	107,000	21,200
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	92,375	90,113	(2,262)
	Total Administrative & General	92,375	90,113	(2,262)
	Capital Expenses			
55001	CUSTOMER-OWNED CAPITAL EXPENSE	-	160,000	160,000
	Total Capital Expenses	-	160,000	160,000
	TOTAL OPERATING AND M&R EXPENSES	928,773	1,114,881	186,108
	Net Operating Income	328,011	165,771	(162,240)
	Net Change in Fund Balance	328,011	165,771	(162,240)



(This page was intentionally left blank)



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: \$543,868 |

Rural Utilities Division

Canyon Park Wastewater Treatment Plant System

Operating Plan for Fiscal Year Ending 8/31/24

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.

Ten operators divide their time between the Cordillera Ranch, Johnson Ranch, Lomas Comal Trace, 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 Chief Operator 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 \$518,868 for FY 2024 which is \$21,840 or 4.4% 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 2024 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.

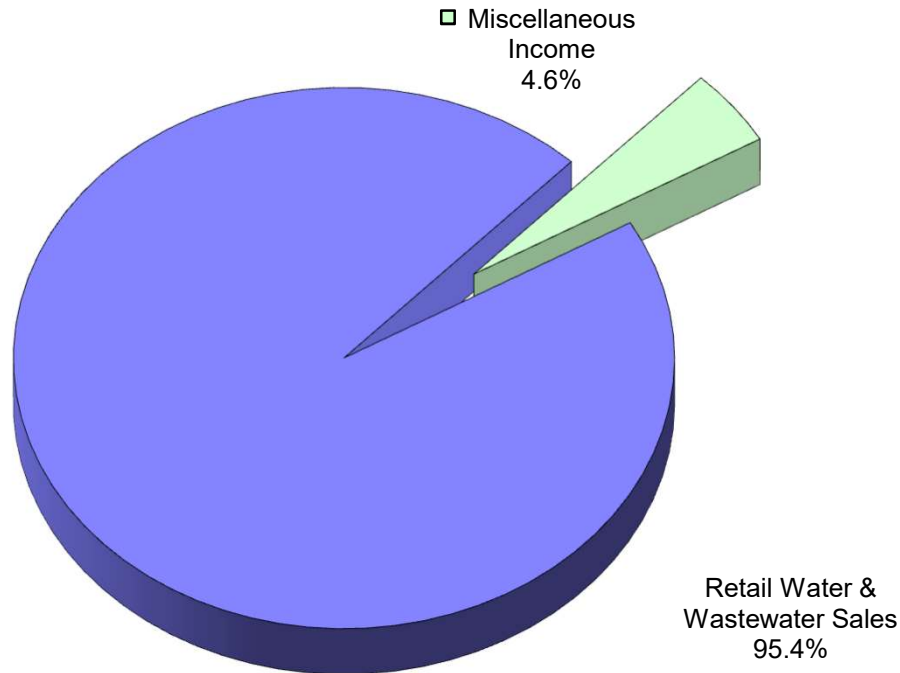
Significant expenses for the ensuing fiscal year, in addition to personnel costs, include power & utilities of \$26,000, chemicals of \$35,000, laboratory supplies and services of \$32,500, disposal services of \$14,000, interdivisional and external equipment rentals of \$14,328 including belt press, hydro jetter camera, and vehicle leases. Maintenance & repair costs of \$76,500 including continuation of the rehabilitation of the clarifier and other aging plant equipment.

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 \$6,122.

Budget Summary

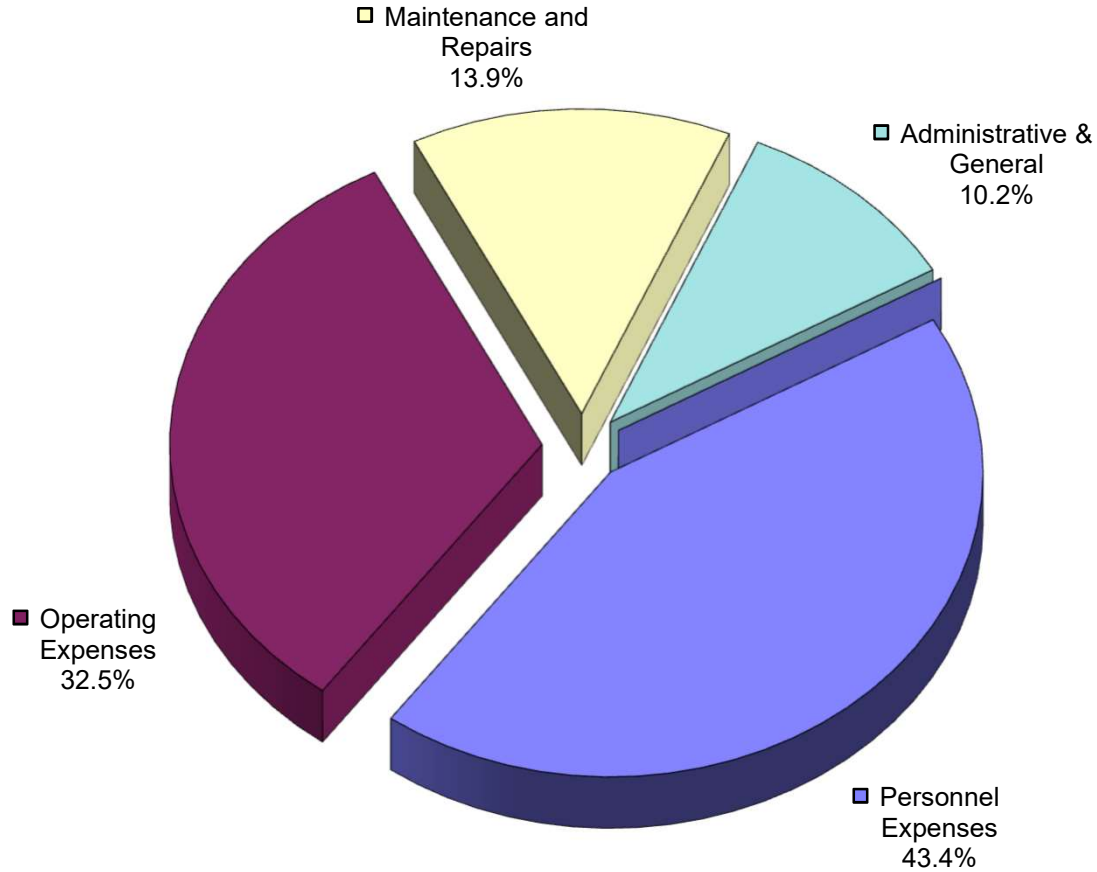
REVENUES - CANYON PARK WWTP



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	497,503	497,028	518,868
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income	2,890		
Miscellaneous Income	188	500	25,000
Total Operating Revenue	500,581	497,528	543,868
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	500,581	497,528	543,868

Budget Summary

EXPENSES - CANYON PARK WWTP



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	192,531	233,695	238,497
Operating Expenses	162,786	146,542	178,976
Maintenance and Repairs	38,173	73,500	76,500
Administrative & General	45,221	54,889	56,017
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	438,711	508,626	549,990
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	438,711	508,626	549,990

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

**032 - Canyon Park WWTP
Department ***

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	497,028	518,868	21,840
	Total Retail Wastewater	497,028	518,868	21,840
Misc Income				
45195	MISCELLANEOUS REVENUES	500	25,000	24,500
	Total Misc Income	500	25,000	24,500
	Total Operating Revenue	497,528	543,868	46,340
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	138,181	144,992	6,811
51102	LBR-OVERTIME	28,150	24,757	(3,393)
	Total Salaries	166,331	169,749	3,418
Benefits				
51298	BEN-BENEFIT ALLOCATION	67,364	68,748	1,384
	Total Benefits	67,364	68,748	1,384
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	26,000	26,000	-
52102	OPR-AUXILIARY POWER EXPENSE	10,000	6,000	(4,000)
52103	OPR-CHEMICALS	23,000	35,000	12,000
52110	OPR-SMALL TOOLS AND SUPPLIES	2,500	3,000	500
52113	OPR-LAB SUPPLIES	4,000	4,500	500
52114	OPR-LABORATORY SERVICES-GBRA	26,000	28,000	2,000
52118	OPR-DISPOSAL SERVICES	7,500	14,000	6,500
52120	OPR-UNIFORMS/BUSINESS ATTIRE	1,000	1,000	-
52121	OPR-SAFTY & EMERGENCY EXPENSE	1,500	1,500	-
52123	OPR-EQUIPMENT RENTAL	1,664	5,992	4,328
52125	OPR-VEHICLE EXPENSE	2,000	1,500	(500)

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
52126	OPR-FLEET LEASE EXPENSE	4,728	14,328	9,600
52133	OPR-SCADA	1,700	1,700	-
	Total Operating Supplies & Services	111,592	142,520	30,928
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	1,500	2,000	500
52216	OPR-REGULATORY FEES	1,500	1,300	(200)
52220	OPR-BANK FEES	1,200	500	(700)
52222	OPR-MEMBERSHIPS & PUBLICATIONS	400	200	(200)
52223	OPR-LICENSE & TRAINING	2,000	2,000	-
52224	OPR-TRAVEL & MEETINGS	4,000	2,000	(2,000)
	Total Professional Services and Fees	10,600	8,000	(2,600)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	500	750	250
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,300	1,609	309
52303	OPR-WIDE AREA NETWORK EXPENSE	1,650	3,200	1,550
52305	OPR-POSTAGE AND FREIGHT EXPENSE	300	400	100
52306	OPR-DATA & PHONE EXPENSE	3,000	2,000	(1,000)
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	2,500	-	(2,500)
	Total Office Expenses	9,250	7,959	(1,291)
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	13,600	19,497	5,897
52430	OPR-MISC EXPENSE	1,500	1,000	(500)
	Total Other Operating Expenses	15,100	20,497	5,397
	SUBTOTAL OF OPERATIONAL EXPENSES	380,237	417,473	37,236
	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	2,000	5,000	3,000
53205	M&R-PUMPS AND MOTORS	20,000	20,000	-
53215	M&R-LIFTSTATIONS	5,000	5,000	-
53220	M&R-CLARIFIERS	20,000	20,000	-
	Total Structures	47,000	50,000	3,000
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	20,000	20,000	-
53399	M&R-MISC EXPENSE	1,500	1,500	-
	Total Other Maintenance & Repairs	21,500	21,500	-

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
SUBTOTAL OF M&R EXPENSES	<u>73,500</u>	<u>76,500</u>	<u>3,000</u>
Administrative & General			
54100 ADMINISTRATIVE & GENERAL	<u>54,889</u>	<u>56,017</u>	<u>1,128</u>
Total Administrative & General	<u>54,889</u>	<u>56,017</u>	<u>1,128</u>
TOTAL OPERATING AND M&R EXPENSES	<u>508,626</u>	<u>549,990</u>	<u>41,364</u>
Net Operating Income	<u>(11,098)</u>	<u>(6,122)</u>	<u>4,976</u>
Net Change in Fund Balance	<u>(11,098)</u>	<u>(6,122)</u>	<u>4,976</u>



(This page was intentionally left blank)



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: \$3,934,400 |

Rural Utilities Division

Stein Falls Wastewater Treatment Plant System

Operating Plan for Fiscal Year Ending 8/31/24

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 2024 to collect additional influent that will be pumped to the plant for treatment.

Eight licensed employees, including Operators and Collections/Pipeline personnel, 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 Chief Operator 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 \$2,570,400, total connection fee income is \$1,360,000, and transfer fee income is \$4,000 for a total of \$3,934,400 in FY 2024 which is \$190,000 or 4.6% less 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 operating expenses for the ensuing fiscal year, in addition to personnel costs, power & utilities of \$90,000, operation and a replacement of system generators of \$70,000, chemical costs of \$45,000, laboratory supplies and services of \$40,000, disposal services of \$25,000, interdivisional equipment rentals of \$86,810 including belt press, hydro jetter camera, and vehicle leases, engineering services of \$50,000 and maintenance & repairs of \$168,000.

Total expenses are projected to decrease by \$22,995 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 2024 budgeted expenditures and receiving the above listed funding sources is \$156,853.

Staffing Summary

Stein Falls WWTPs	# of Authorized Positions (FTE)		
	2022	2023	2024
Chief Operator	1	1	1
Operator	4	4	4
Total	5	5	5

Changes from FY 2022 to FY 2023

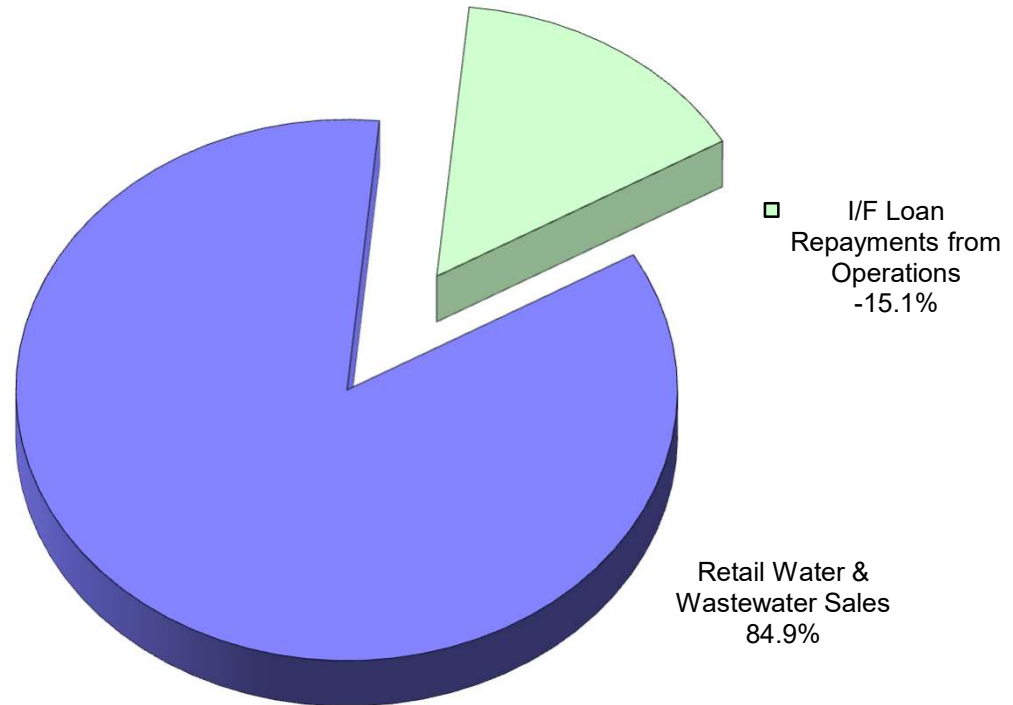
1-Operator position was removed from this division.

Changes from FY 2023 to FY 2024

No staffing changes for this division.

Budget Summary

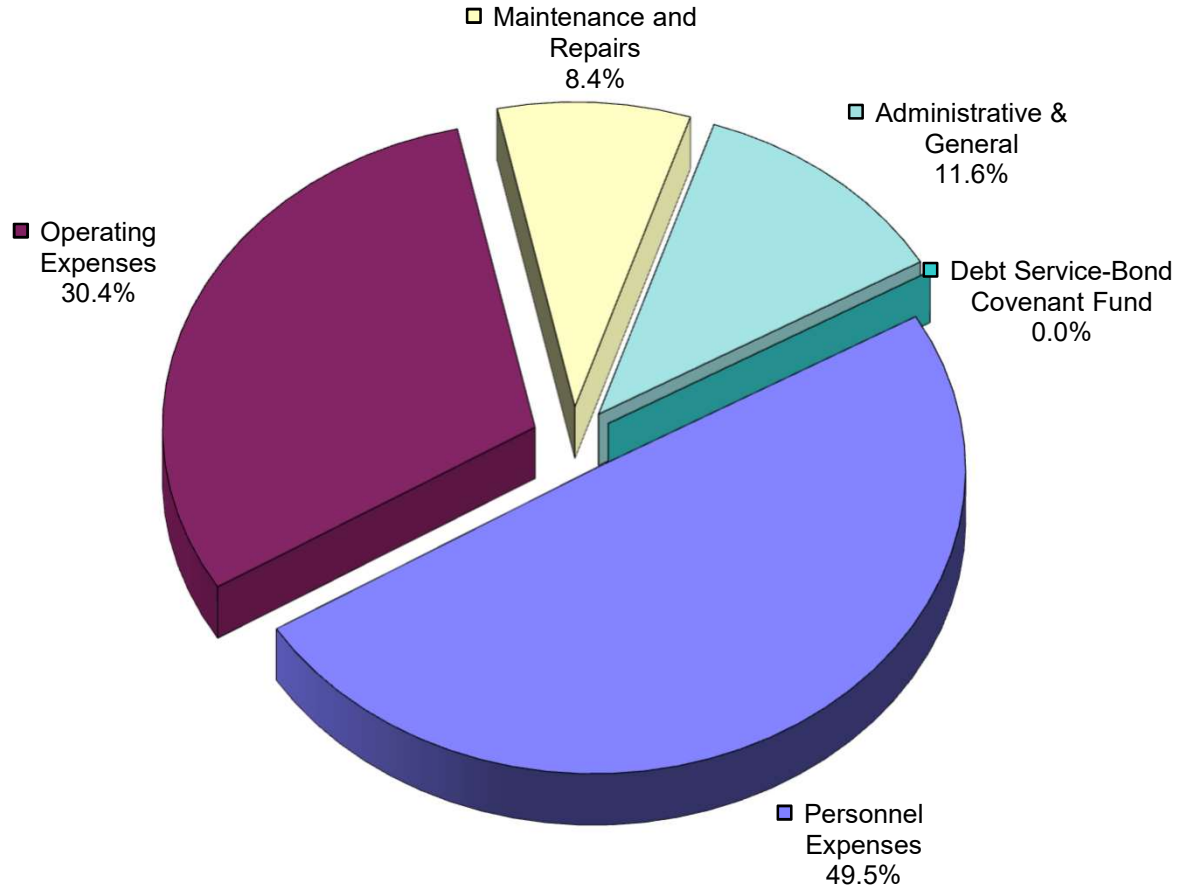
REVENUES - STEIN FALLS WWTP



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	3,297,460	4,124,400	3,934,400
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest	36,527		
Grant & Interlocal Agreement Income			
Miscellaneous Income	24,848		
Total Operating Revenue	3,358,835	4,124,400	3,934,400
Capacity Charge Revenue			
I/F Loan Repayments from Operations		(700,000)	(700,000)
Grand Total Revenues	3,358,835	3,424,400	3,234,400

Budget Summary

EXPENSES - STEIN FALLS WWTP



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	914,850	1,070,917	993,528
Operating Expenses	731,252	527,246	610,317
Maintenance and Repairs	59,572	178,500	168,000
Administrative & General	213,878	251,532	233,355
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	1,919,552	2,028,195	2,005,200
Debt Service-Principal	120,000	125,000	167,917
Debt Service-Interest	825,401	908,689	904,430
Debt Service-Bond Covenant Fund			
Grand Total Expenses	2,864,953	3,061,884	3,077,547

Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024

033 - Stein Falls WWTP
Department *

		FY 2023	FY 2024	FY 2024-2023
		BUDGET	BUDGET	DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	2,259,900	2,570,400	310,500
42402	SEWER CONNECTION/INSP FEES	1,860,000	1,360,000	(500,000)
42405	TRANSFER FEES	4,500	4,000	(500)
	Total Retail Wastewater	4,124,400	3,934,400	(190,000)
	Total Operating Revenue	4,124,400	3,934,400	(190,000)
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	696,813	648,876	(47,937)
51102	LBR-OVERTIME	65,406	58,261	(7,145)
	Total Salaries	762,219	707,137	(55,082)
Benefits				
51298	BEN-BENEFIT ALLOCATION	308,698	286,391	(22,307)
	Total Benefits	308,698	286,391	(22,307)
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	80,000	90,000	10,000
52102	OPR-AUXILIARY POWER EXPENSE	70,000	70,000	-
52103	OPR-CHEMICALS	35,000	45,000	10,000
52110	OPR-SMALL TOOLS AND SUPPLIES	8,000	8,000	-
52113	OPR-LAB SUPPLIES	15,000	15,000	-
52114	OPR-LABORATORY SERVICES-GBRA	25,000	25,000	-
52118	OPR-DISPOSAL SERVICES	18,000	25,000	7,000
52120	OPR-UNIFORMS	4,000	5,000	1,000
52121	OPR-SAFTY & EMERGENCY EXPENSE	8,000	8,000	-
52122	OPR-SECURITY EXPENSE	1,000	1,000	-
52123	OPR-EQUIPMENT RENTAL	57,968	86,810	28,842
52124	OPR-EQUIPMENT EXPENSE	2,000	4,000	2,000
52125	OPR-VEHICLE EXPENSE	15,000	25,000	10,000

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
52126	OPR-FLEET LEASE EXPENSE	25,578	24,588	(990)
52133	OPR-SCADA	1,700	6,700	5,000
	Total Operating Supplies & Services	366,246	439,098	72,852
	Professional Services and Fees			
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	50,000	50,000	-
52205	OPR-PROFESSIONAL SERVICES-OTHER	5,400	4,000	(1,400)
52216	OPR-REGULATORY FEES	8,000	6,000	(2,000)
52219	OPR-CUSTOMER BILLING FEES	30,000	35,000	5,000
52222	OPR-MEMBERSHIPS & PUBLICATIONS	500	700	200
52223	OPR-LICENSE & TRAINING	4,500	6,000	1,500
52224	OPR-TRAVEL & MEETINGS	15,000	20,000	5,000
	Total Professional Services and Fees	113,400	121,700	8,300
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	1,000	1,000	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	6,350	6,766	416
52303	OPR-WIDE AREA NETWORK EXPENSE	1,650	3,200	1,550
52305	OPR-POSTAGE AND FREIGHT EXPENSE	500	500	-
52306	OPR-DATA & PHONE EXPENSE	6,000	6,000	-
	Total Office Expenses	15,500	17,466	1,966
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	22,100	24,053	1,953
52430	OPR-MISC EXPENSE	10,000	8,000	(2,000)
	Total Other Operating Expenses	32,100	32,053	(47)
	SUBTOTAL OF OPERATIONAL EXPENSES	1,598,163	1,603,845	5,682
	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	2,500	500
53205	M&R-PUMPS AND MOTORS	15,000	15,000	-
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	-
53230	M&R-PIPELINES	-	5,000	5,000
	Total Structures	65,000	66,500	1,500
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	90,000	80,000	(10,000)

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
53399	M&R-MISC EXPENSE	10,000	8,000	(2,000)
	Total Other Maintenance & Repairs	100,000	88,000	(12,000)
	SUBTOTAL OF M&R EXPENSES	178,500	168,000	(10,500)
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	251,532	233,355	(18,177)
	Total Administrative & General	251,532	233,355	(18,177)
	TOTAL OPERATING AND M&R EXPENSES	2,028,195	2,005,200	(22,995)
	Net Operating Income	2,096,205	1,929,200	(167,005)
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	125,000	130,000	5,000
21225	BOND-2021 STEIN FALLS CONSTRUCTION	-	37,917	37,917
	Total Principal Payments Expense	125,000	167,917	42,917
	Interest Expense			
57101	INT-LONG TERM LOANS	52,689	48,430	(4,259)
57219	INT-2021 STEIN FALLS CONSTRUCTION	856,000	856,000	-
	Total Interest Expense	908,689	904,430	(4,259)
	Total Debt Expense	1,033,689	1,072,347	38,658
	Net Change in Debt Service Budget	(1,733,689)	(1,772,347)	(38,658)
	Net Change in Fund Balance	362,516	156,853	(205,663)



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: 233,000,000

- Startup Operation Date: October 23, 2009
- Budgeted Revenue: \$3,018,504

Rural Utilities Division

Sunfield Wastewater Treatment Plant System

Operating Plan for Fiscal Year Ending 8/31/24

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 \$3,018,504. The following Work Plan and Budget is based on the treatment of an average sewage flow of 233 million gallons per year or 0.638 million gallons per day for Fiscal Year 2024.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The total operating and maintenance expenditures budgeted are \$1,135,060.

In addition to personnel costs, other significant operating and maintenance expenses are power and utility expenses of \$130,000, chemical expenses of \$73,500, biosolids disposal of \$75,000, and laboratory expenses of \$30,400. The Sunfield WWTP also shares the expense for the use of lateral line video equipment. This is 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.

There are no capital additions budgeted for Fiscal Year 2024.

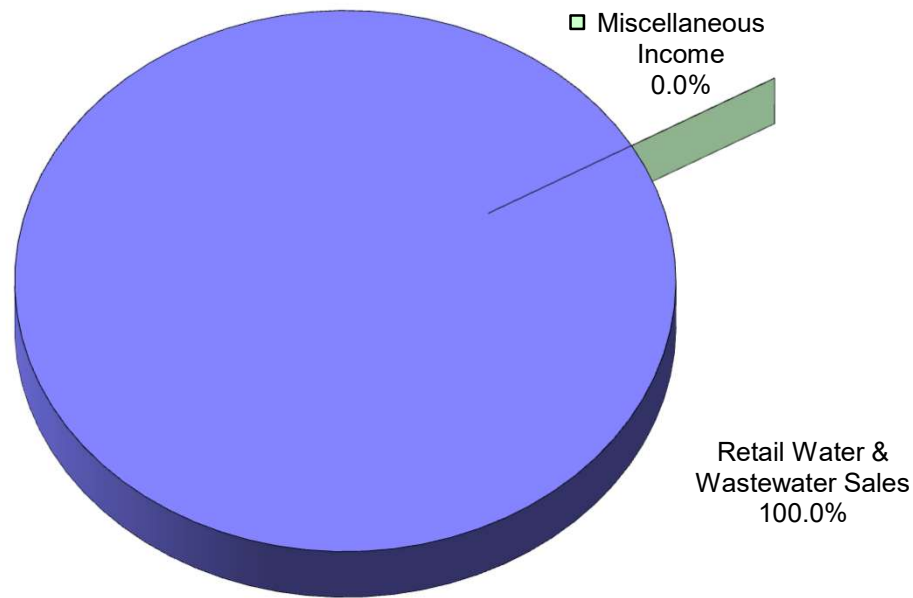
The budget includes the standard administration and general percentage charged to all operating divisions of GBRA and the budget for this expense is \$90,378.

FUND BALANCE

Funds for the above listed maintenance projects, 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 2024, the fund balance is expected to be \$1,883,444.

Budget Summary

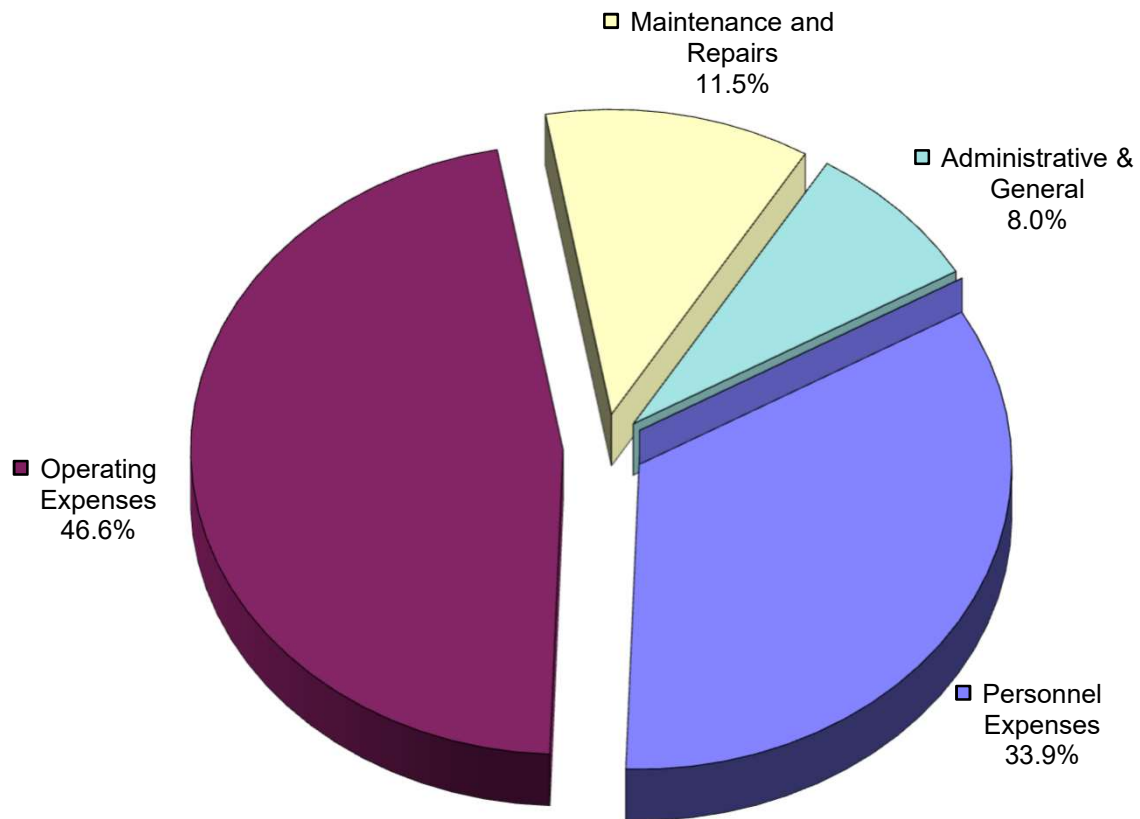
REVENUES - SUNFIELD WWTP



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	3,846,727	2,272,314	3,018,504
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	3,846,727	2,272,314	3,018,504
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	3,846,727	2,272,314	3,018,504

Budget Summary

EXPENSES - SUNFIELD WWTP



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	338,661	396,341	384,790
Operating Expenses	543,023	473,078	528,892
Maintenance and Repairs	102,292	98,700	131,000
Administrative & General	79,193	93,091	90,378
Capital Expense & Outlay		90,000	
Transfers			
Total Operating and M&R Expenses	1,063,169	1,151,210	1,135,060
Debt Service-Principal			
Debt Service-Interest			1,402,300
Debt Service-Bond Covenant Fund			
Grand Total Expenses	1,063,169	1,151,210	2,537,360

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

**037 - Sunfield WWTP
Department ***

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	2,253,414	2,964,504	711,090
42402	SEWER CONNECTION/INSP FEES	18,900	18,900	-
42405	TRANSFER FEES	-	35,100	35,100
	Total Retail Wastewater	2,272,314	3,018,504	746,190
	Total Operating Revenue	2,272,314	3,018,504	746,190
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	271,087	263,059	(8,028)
51102	LBR-OVERTIME	11,006	10,813	(193)
	Total Salaries	282,093	273,872	(8,221)
Benefits				
51298	BEN-BENEFIT ALLOCATION	114,248	110,918	(3,330)
	Total Benefits	114,248	110,918	(3,330)
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	105,000	130,000	25,000
52102	OPR-AUXILIARY POWER EXPENSE	4,000	4,500	500
52103	OPR-CHEMICALS	40,500	73,500	33,000
52110	OPR-SMALL TOOLS AND SUPPLIES	2,000	3,000	1,000
52113	OPR-LAB SUPPLIES	3,000	4,000	1,000
52114	OPR-LABORATORY SERVICES-GBRA	24,000	25,000	1,000
52115	OPR-LABORATORY SERVICES-OUTSOURCED	1,300	1,400	100
52118	OPR-DISPOSAL SERVICES	58,000	75,000	17,000
52120	OPR-UNIFORMS/BUSINESS ATTIRE	2,500	2,500	-
52121	OPR-SAFTY & EMERGENCY EXPENSE	4,000	5,000	1,000
52123	OPR-EQUIPMENT RENTAL	62,795	11,997	(50,798)
52124	OPR-EQUIPMENT EXPENSE	5,000	5,000	-
52125	OPR-VEHICLE EXPENSE	2,000	3,000	1,000

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
52126	OPR-FLEET LEASE EXPENSE	14,982	16,328	1,346
52133	OPR-SCADA	1,700	3,700	2,000
	Total Operating Supplies & Services	330,777	363,925	33,148
	Professional Services and Fees			
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	50,000	50,000	-
52205	OPR-PROFESSIONAL SERVICES-OTHER	2,000	3,000	1,000
52216	OPR-REGULATORY FEES	1,600	1,600	-
52219	OPR-CUSTOMER BILLING FEES	52,701	62,854	10,153
52222	OPR-MEMBERSHIPS & PUBLICATIONS	300	300	-
52223	OPR-LICENSE & TRAINING	2,100	2,100	-
52224	OPR-TRAVEL & MEETINGS	3,000	5,000	2,000
	Total Professional Services and Fees	111,701	124,854	13,153
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	600	1,600	1,000
52302	OPR-COMPUTER & SOFTWARE EXPENSE	7,450	7,750	300
52303	OPR-WIDE AREA NETWORK EXPENSE	4,150	3,200	(950)
52306	OPR-DATA & PHONE EXPENSE	6,000	9,000	3,000
	Total Office Expenses	18,200	21,550	3,350
	Other Operating Expenses			
52403	OPR-OFFICE/BUILDING RENTAL	900	900	-
52420	OPR-INSURANCE EXPENSE	11,500	17,663	6,163
	Total Other Operating Expenses	12,400	18,563	6,163
	SUBTOTAL OF OPERATIONAL EXPENSES	869,419	913,682	44,263
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	8,000	10,000	2,000
53110	M&R-CONTROL SYSTEMS	8,000	8,000	-
53115	M&R-METERS	1,000	1,000	-
	Total Maintenance and Repair Equipment	17,000	19,000	2,000
	Structures			
53201	M&R-BUILDING	5,000	5,000	-
53205	M&R-PUMPS AND MOTORS	15,000	20,000	5,000
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	1,000	300
	Total Structures	46,700	52,000	5,300
	Other Maintenance & Repairs			
	53310 M&R-GROUNDS/ROW	10,000	10,000	-

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
53325	M&R-GENERAL MAINTENANCE	25,000	50,000	25,000
	Total Other Maintenance & Repairs	35,000	60,000	25,000
	SUBTOTAL OF M&R EXPENSES	98,700	131,000	32,300
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	93,091	90,378	(2,713)
	Total Administrative & General	93,091	90,378	(2,713)
	Capital Outlay			
13217	AUTO & HEAVY EQUIPMENT	90,000	-	(90,000)
	Total Capital Outlay	90,000	-	(90,000)
	TOTAL OPERATING AND M&R EXPENSES	1,151,210	1,135,060	(16,150)
	Net Operating Income	1,121,104	1,883,444	762,340

DEBT SERVICE BUDGET

	Interest Expense			
57223	INT-2022 SUNFIELD WW CONSTRUCTION	-	1,402,300	1,402,300
	Total Interest Expense	-	1,402,300	1,402,300
	Total Debt Expense	-	1,402,300	1,402,300
	Net Change in Debt Service Budget	-	(1,402,300)	(1,402,300)
	Net Change in Fund Balance	1,121,104	481,144	(639,960)



(This page was intentionally left blank)



Dietz WW

Dietz Wastewater Collection System

Operated under an agreement with New Braunfels Utilities (NBU), the Dietz Wastewater Collection System treats wastewater located generally along State Highway 46 between Seguin and New Braunfels.

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

Rural Utilities Division

Dietz Wastewater Collection System

Operating Plan for Fiscal Year Ending 8/31/24

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 began serving customers mid FY 2023 and is expected to grow over several years.

Eight licensed employees, including Operators and Collections/Pipeline personnel, 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 Chief Operator 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 will be obtained through connection fees for wastewater service, tap fees, and monthly wastewater service fees.

CAPITAL ADDITIONS AND OPERATING EXPENSES

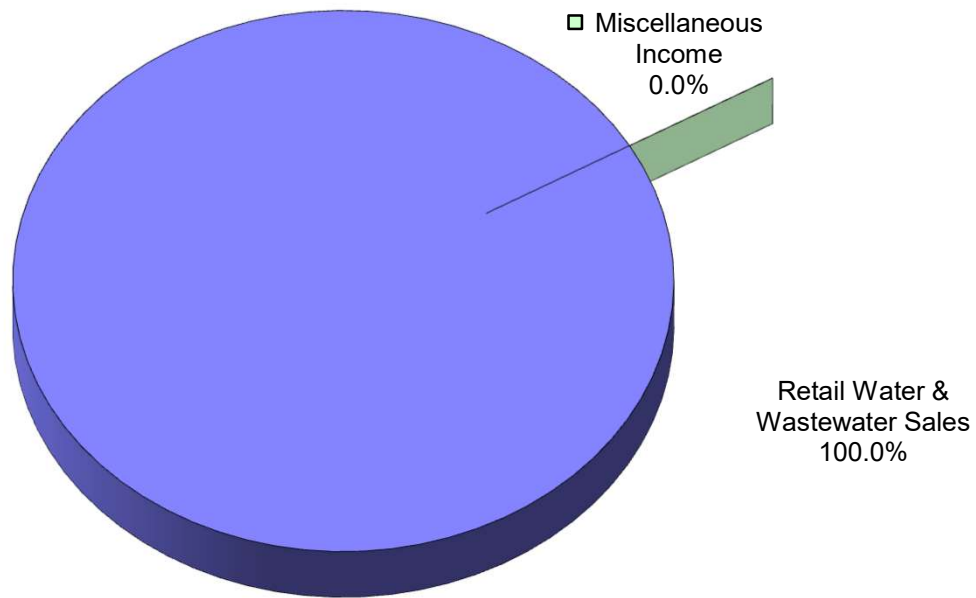
Budget placeholders have been established for the main budget items. There is no capital outlay anticipated for FY 2024.

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

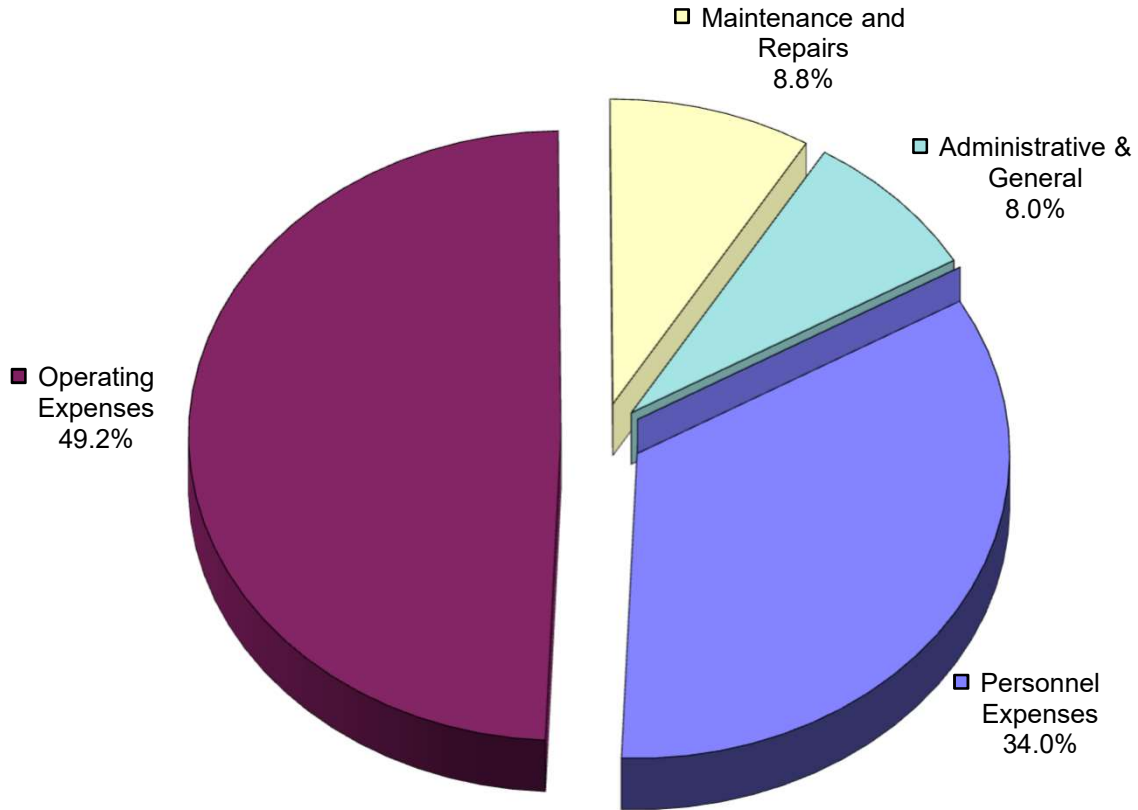
REVENUES - DIETZ WWTP



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	1,127,447	46,451	70,579
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest	6,776		
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	1,134,223	46,451	70,579
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	1,134,223	46,451	70,579

Budget Summary

EXPENSES - DIETZ WWTP



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses		45,223	28,579
Operating Expenses	100,682	51,462	41,367
Maintenance and Repairs	268	7,400	7,400
Administrative & General		10,622	6,712
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	100,950	114,707	84,058
Debt Service-Principal			11,667
Debt Service-Interest	234,540	260,600	260,600
Debt Service-Bond Covenant Fund			
Grand Total Expenses	335,490	375,307	356,325

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

**038 - Dietz WW
Department ***

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	39,701	67,579	27,878
42402	SEWER CONNECTION/INSP FEES	6,750	3,000	(3,750)
	Total Retail Wastewater	46,451	70,579	24,128
	Total Operating Revenue	46,451	70,579	24,128
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	27,857	18,273	(9,584)
51102	LBR-OVERTIME	4,330	2,068	(2,262)
	Total Salaries	32,187	20,341	(11,846)
Benefits				
51298	BEN-BENEFIT ALLOCATION	13,036	8,238	(4,798)
	Total Benefits	13,036	8,238	(4,798)
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	9,000	9,000	-
52102	OPR-AUXILIARY POWER EXPENSE	2,000	1,000	(1,000)
52103	OPR-CHEMICALS	500	500	-
52110	OPR-SMALL TOOLS AND SUPPLIES	3,000	3,000	-
52114	OPR-LABORATORY SERVICES-GBRA	500	500	-
52120	OPR-UNIFORMS/BUSINESS ATTIRE	600	500	(100)
52133	OPR-SCADA	1,200	1,900	700
	Total Operating Supplies & Services	16,800	16,400	(400)
Professional Services and Fees				
52218	NBU WW TREATMENT SERVICES	17,112	10,000	(7,112)
52219	OPR-CUSTOMER BILLING FEES	14,000	14,000	-
52222	OPR-MEMBERSHIPS & PUBLICATIONS	50	50	-
52223	OPR-LICENSE & TRAINING	500	500	-

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
	Total Professional Services and Fees	31,662	24,550	(7,112)
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	3,000	417	(2,583)
	Total Other Operating Expenses	3,000	417	(2,583)
	SUBTOTAL OF OPERATIONAL EXPENSES	96,685	69,946	(26,739)
	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	10,622	6,712	(3,910)
	Total Administrative & General	10,622	6,712	(3,910)
	TOTAL OPERATING AND M&R EXPENSES	114,707	84,058	(30,649)
	Net Operating Income	(68,256)	(13,479)	54,777

DEBT SERVICE BUDGET

	Principal Payments Expense			
21226	BOND-2021 DIETZ CONSTRUCTION	-	11,667	11,667
	Total Principal Payments Expense	-	11,667	11,667
	Interest Expense			
57220	INT-2021 DIETZ CONSTRUCTION	260,600	260,600	-
	Total Interest Expense	260,600	260,600	-
	Total Debt Expense	260,600	272,267	11,667
	Net Change in Debt Service Budget	(260,600)	(272,267)	(11,667)

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
Net Change in Fund Balance	<u><u>(328,856)</u></u>	<u><u>(285,746)</u></u>	<u><u>43,110</u></u>



(This page was intentionally left blank)



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
- Location: Canyon Lake, TX
- Startup Operation Date: 1964
- Service Area: Guadalupe River Basin

- # of Current Employees: 72
- Budgeted Operating Revenue: \$28,213,058

Water Resources Division

Water Sales System

Operating Plan for Fiscal Year Ending 8/31/24

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 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 \$175.00 per acre-foot per year for FY 2024. Total water sales revenues excluding "water delivery and pipeline operations" for FY 2024 are projected at \$18,625,230.

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 2024 is estimated at \$5,563,108.

Grant and interlocal revenue are estimated at \$1,523,106. Laboratory revenues total \$980,000, while investment income is estimated at \$900,000 and recreation revenues total \$246,581.

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 \$111,450 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, development of GBRA's Habitat Conservation Plan, hazard mitigation requirements, and watershed management. In FY 2024, operating costs for professional fees is budgeted at \$4,333,667.

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 \$2.3 million. Maintenance and repair expenses total \$1,141,150 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 \$170,000 and include the purchase of a replacement truck, and equipment replacements for the regional laboratory.

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 24 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.

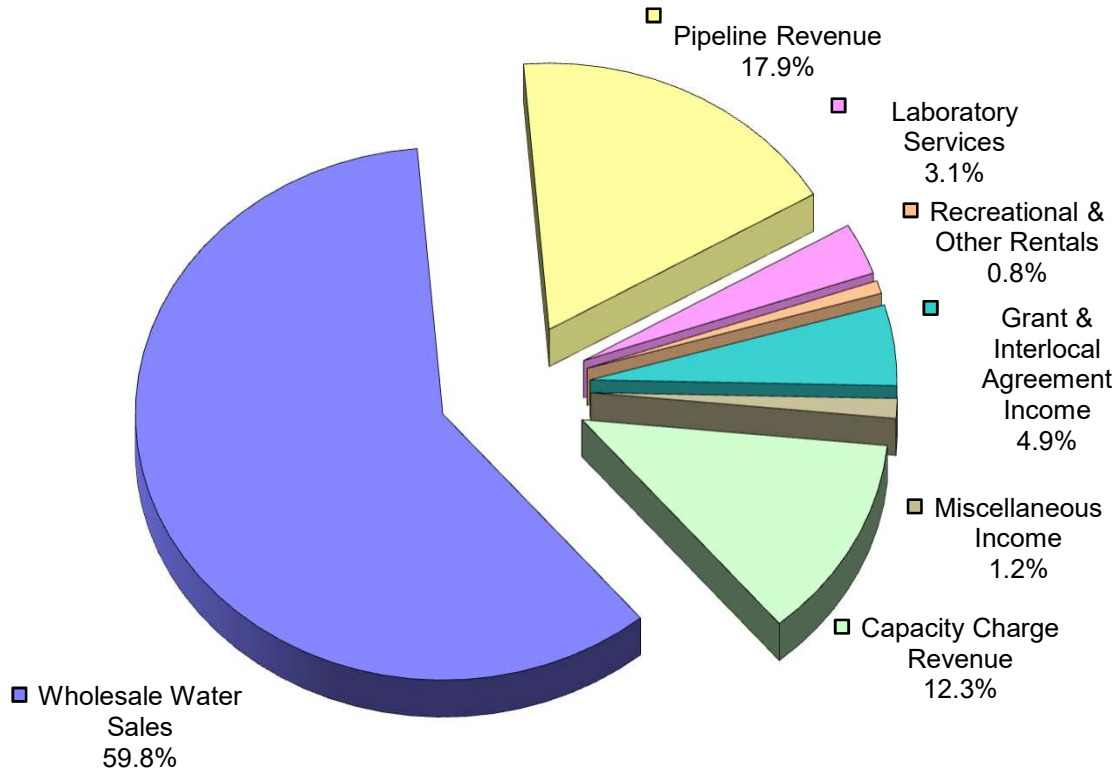
The anticipated net increase in fund balance in the Water Sales System of the Water Resource Division for FY 2024 is \$0.

Staffing Summary

Water Supply	# of Authorized Positions (FTE)		
	2022	2023	2024
<u>Engineering Team</u>			
Executive Manager of Engineering	1	1	1
Deputy Executive Mgr of Engineering	1	1	1
Senior Engineers, Project Engineer, Engineers	6	8	8
Construction Director/Inspectors/Analysts	7	8	8
Electrical/Instrumentation Technicians & Analysts	2	2	2
Hydrologist/Technician	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	1
Water Quality Technician	1	2	2
Gorge Supervisor	1	1	1
Gorge, Assistant Manager	---	1	1
Gorge, Administrative Assistant	1	1	1
Gorge, Maintenance	1	1	1
Gorge, Park Ranger	1	1	1
Gorge, Program Assistant	4.5	5	5
Lead Lab Administrator	1	1	1
Quality Assurance Officer	1	---	---
Customer Project Manager	1	1	1
Laboratory Analysts/Technicians	5	6	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	---
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	5	5	6
Facilities Technician	1	1	1
Maintenance Crew: WW Collections, Pipelines, ROW	6	6	7
Maintenance Technician	2	2	2
Utilities Accounts Assistant	1	1	1
Park Ranger	1	1	1
Subtotal	66	71.5	72
<div> <div> Changes from FY 2022 to FY 2023 1-Added Construction Inspector, 2-Engineers, 1-Water QualTech, 1-Gorge Asst Mgr, 0.5-Gorge Program Assistant </div> <div> Changes from FY 2023 to FY 2024 0.5-Removed Hydrologist, 1-Div Mgr-Cahoun Cnty, 1-Electrical position transfer from 050, 1-Pipeline/ROW Crew </div> </div>			

Budget Summary

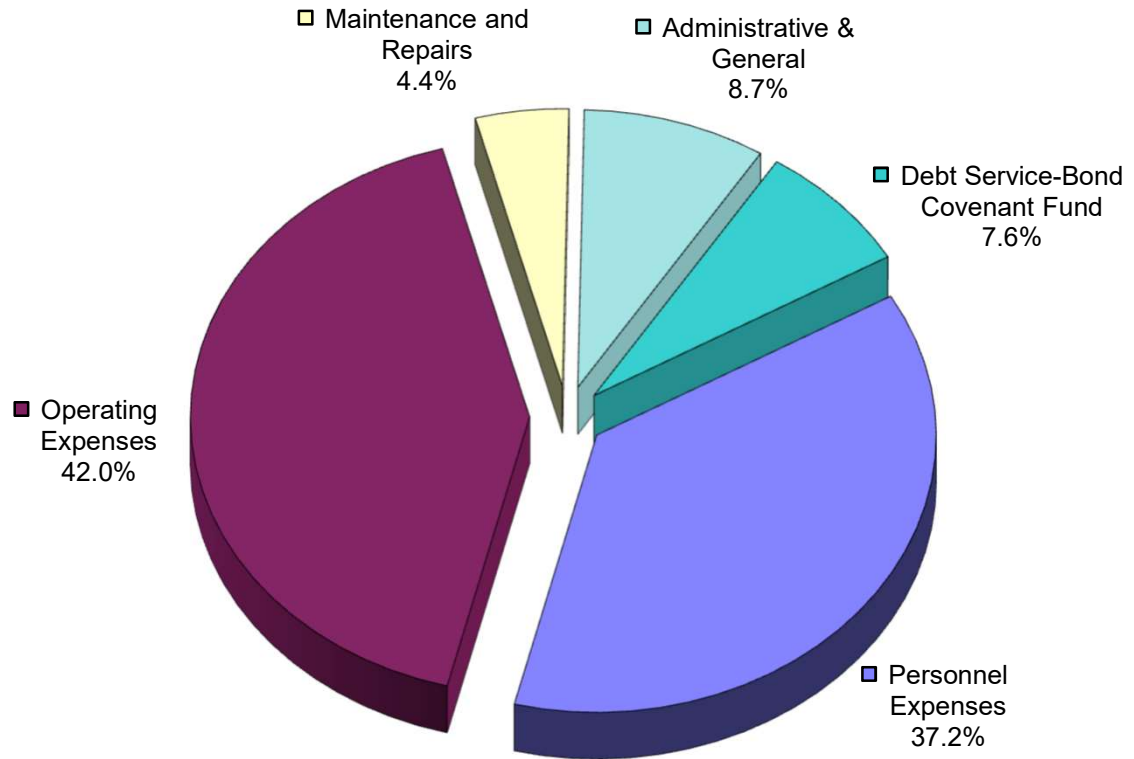
REVENUES - WATER SALES



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales	17,030,883	17,217,807	18,625,230
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue	4,406,245	5,044,729	5,563,108
Industrial Services			
Laboratory Services	921,741	980,000	980,000
Recreational & Other Rentals	251,958	315,949	246,581
Administrative & General			
Operating & Restricted Interest	185,451	400,000	900,000
Grant & Interlocal Agreement Income	1,567,086	2,365,892	1,523,106
Miscellaneous Income	304,871	184,932	375,033
Total Operating Revenue	24,668,235	26,509,309	28,213,058
Capacity Charge Revenue	3,709,018	3,880,535	3,844,207
I/F Loan Repayments from Operations			
Grand Total Revenues	28,377,253	30,389,844	32,057,265

Budget Summary

EXPENSES - WATER SALES



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	8,492,428	9,991,221	9,554,636
Operating Expenses	8,242,596	10,284,243	10,763,817
Maintenance and Repairs	1,099,859	1,463,267	1,141,150
Administrative & General	1,996,805	2,346,692	2,244,078
Capital Expense & Outlay	472,740	944,000	170,000
Transfers		(753,000)	858,496
Total Operating and M&R Expenses	20,304,428	24,276,423	24,732,177
Debt Service-Principal	2,728,014	3,036,335	3,337,214
Debt Service-Interest	1,628,605	2,016,479	2,034,063
Debt Service-Bond Covenant Fund		1,038,242	1,953,811
Grand Total Expenses	24,661,047	30,367,479	32,057,265

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

**041 - Water Sales
Department ***

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wholesale Raw Water Sales				
42102	CANYON-INEOS	582,533	630,000	47,467
42103	CANYON-PORT LAVACA WTP	517,440	627,200	109,760
42104	CANYON-RW, UNDINE	146,520	191,100	44,580
42105	CANYON-CITY OF SEGUIN	165,000	175,000	10,000
42107	CANYON-SPRINGS HILL WSC	528,000	560,000	32,000
42108	CANYON-REBECCA CREEK MUD	21,450	22,750	1,300
42109	CANYON-CRWA-HAYS CO, SAN MARCOS	336,270	356,650	20,380
42110	CANYON-SEADRIFT COKE	55,110	58,450	3,340
42111	CANYON-UNION CARBIDE	16,500	17,500	1,000
42112	CANYON-STANDARD GYPSUM	42,570	45,150	2,580
42113	CANYON-CMS STEEL	115,500	122,500	7,000
42114	CANYON-NEW BRAUNFELS UTILITIES	2,511,300	2,663,500	152,200
42115	CANYON-CRYSTAL CLEAR WSC	132,000	140,000	8,000
42116	CANYON-CANYON REGIONAL WATER AUTH	1,963,449	2,084,771	121,322
42117	CANYON-TEXAS WATER	1,056,000	1,120,000	64,000
42118	CANYON-CITY OF SAN MARCOS	1,650,000	1,750,000	100,000
42119	CANYON-GUADALUPE POWER PARTNERS	1,128,600	1,197,000	68,400
42120	CANYON-CITY OF KYLE	898,095	952,525	54,430
42121	CANYON-GREEN VALLEY SUD	165,000	175,000	10,000
42122	CANYON-HAYS ENERGY LTD PARTNERSHIP	406,560	431,200	24,640
42123	CANYON-CITY OF FAIR OAKS	305,250	338,408	33,158
42124	CANYON-SAN ANTONIO WATER SYSTEMS	828,134	880,112	51,978
42125	CANYON-CITY OF BOERNE	595,815	631,925	36,110
42126	CANYON-GBRA-COMAL TRACE	20,625	25,375	4,750
42127	CANYON-SAN JOSE-PARK VILLAGE	53,130	56,350	3,220
42128	CANYON-JACQUELYN COUSER	16,500	17,500	1,000
42129	CANYON-BREMER RANCH, LTD	16,500	17,500	1,000
42130	CANYON-CITY OF BLANCO	99,000	105,000	6,000
42131	CANYON-FORESIGHT	47,500	50,750	3,250
42132	CANYON-CORDILLERA RANCH, LTD	247,500	262,500	15,000
42133	CANYON-KENDALL COUNTY/TAPATIO SPRINGS	123,750	131,250	7,500
42134	CANYON-CITY OF BUDA	277,200	294,000	16,800

		FY 2023	FY 2024	FY 2024-2023
		BUDGET	BUDGET	DIFFERENCE
42135	CANYON-DH INV-JOHNSON RANCH	148,500	157,500	9,000
42136	CANYON-GOFORTH SUD	690,690	732,550	41,860
42137	CANYON-HH RANCH PROPERTIES	41,250	43,750	2,500
42139	CANYON-MONARCH UTILITIES, LP	92,400	98,000	5,600
42140	CANYON-MIRALOMAS MUD	123,750	131,250	7,500
42141	CANYON-SMALL WATER SALES	63,195	66,150	2,955
42142	CANYON-SELECT ENERGY	441,667	575,000	133,333
42143	CANYON-GBRA CANAL SYSTEM CUSTOMERS	77,304	191,614	114,310
42150	WOMACK-NEW BRAUNFELS UTILITIES	470,250	498,450	28,200
	Total Wholesale Raw Water Sales	17,217,807	18,625,230	1,407,423
	Pipeline Revenue			
42501	O&M-IH35, BUDA	107,093	129,215	22,122
42502	O&M-IH35, GOFORTH	251,020	333,918	82,898
42503	O&M-IH35, KYLE	317,053	379,809	62,756
42504	O&M-IH35, MONARCH	56,664	56,088	(576)
42550	O&M-RRWDS, COSM	1,664,170	1,547,384	(116,786)
42551	O&M-RRWDS, BUDA	204,713	247,023	42,310
42552	O&M-RRWDS, GOFORTH	479,838	638,361	158,523
42553	O&M-GPP	682,156	709,485	27,329
42554	O&M-RRWDS, HELP	226,246	293,428	67,182
42555	O&M-RRWDS, KYLE	606,065	726,091	120,026
42556	O&M-RRWDS, CRWA	341,394	395,080	53,686
42557	O&M-RRWDS, MONARCH	108,317	107,226	(1,091)
	Total Pipeline Revenue	5,044,729	5,563,108	518,379
	Laboratory			
42801	REV-LABORATORY SERVICES	980,000	980,000	-
	Total Laboratory	980,000	980,000	-
	Recreation & Other Rentals			
42901	REV-FACILITY RENTAL	38,000	18,000	(20,000)
42902	REV-PARK ENTRY FEES	269,949	210,581	(59,368)
42903	REV-CONCESSIONS/STORE CHARGES	8,000	18,000	10,000
	Total Recreation & Other Rentals	315,949	246,581	(69,368)
	Internal Transfers			
43002	REV-BUILDING/EQUIP RENTAL	184,932	375,033	190,101
	Total Internal Transfers	184,932	375,033	190,101
	Operating Interest			
44110	INT-OPR INVESTMENT FUNDS	400,000	900,000	500,000
	Total Operating Interest	400,000	900,000	500,000
	Grant & Interlocal Agreement Income			

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
45301	GRANTS-FEDERAL	1,200,497	807,749	(392,748)
45302	GRANTS-STATE	979,599	514,949	(464,650)
45303	GRANTS-CLEAN RIVERS PROGRAM	146,750	161,362	14,612
45320	INTERLOCAL-CONTRIBUTED BY CUSTOMERS	39,046	39,046	-
	Total Grant & Interlocal Agreement Income	2,365,892	1,523,106	(842,786)
	Total Operating Revenue	26,509,309	28,213,058	1,703,749
	OPERATING EXPENSES			
	Salaries			
51101	LBR-REGULAR WAGES	6,994,294	6,613,123	(381,171)
51102	LBR-OVERTIME	116,896	187,117	70,221
	Total Salaries	7,111,190	6,800,240	(310,950)
	Benefits			
51220	BEN-OTHER BENEFIT EXP	-	300	300
51298	BEN-BENEFIT ALLOCATION	2,880,031	2,754,096	(125,935)
	Total Benefits	2,880,031	2,754,396	(125,635)
	Operating Supplies & Services			
52101	OPR-POWER & UTILITIES	1,839,416	2,325,785	486,369
52102	OPR-AUXILIARY POWER EXPENSE	23,000	27,000	4,000
52103	OPR-CHEMICALS	97,500	82,250	(15,250)
52110	OPR-SMALL TOOLS AND SUPPLIES	186,734	39,017	(147,717)
52111	OPR-PUBLIC NOTICES AND COMMUNICATIONS	161,000	150,000	(11,000)
52113	OPR-LAB SUPPLIES	123,250	150,250	27,000
52114	OPR-LABORATORY SERVICES-GBRA	275,600	296,649	21,049
52115	OPR-LABORATORY SERVICES-OUTSOURCED	70,000	70,000	-
52118	OPR-DISPOSAL SERVICES	10,140	7,000	(3,140)
52120	OPR-UNIFORMS/BUSINESS ATTIRE	9,400	10,600	1,200
52121	OPR-SAFTY & EMERGENCY EXPENSE	8,785	10,575	1,790
52122	OPR-SECURITY EXPENSE	1,700	6,100	4,400
52123	OPR-EQUIPMENT RENTAL	75,000	50,000	(25,000)
52124	OPR-EQUIPMENT EXPENSE	74,790	64,000	(10,790)
52125	OPR-VEHICLE EXPENSE	45,500	97,300	51,800
52126	OPR-FLEET LEASE EXPENSE	48,076	94,643	46,567
52132	OPR-GAUGING AND MONITORING	25,000	27,960	2,960
52133	OPR-SCADA	36,900	19,400	(17,500)
52145	OPR-CONTRACT LABOR	124,690	85,183	(39,507)
52151	OPR-LK DUNLAP CANAL CHARGE	-	430,869	430,869
	Total Operating Supplies & Services	3,236,481	4,044,581	808,100
	Professional Services and Fees			

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	1,703,022	792,000	(911,022)
52202	OPR-PROFESSIONAL SERVICES-LEGAL	1,000,500	1,000,000	(500)
52205	OPR-PROFESSIONAL SERVICES-OTHER	2,033,245	2,541,667	508,422
52210	OPR-CORPS OF ENGINEERS	850,000	850,000	-
52211	OPR-USGS MONITORING	199,000	176,500	(22,500)
52214	OPR-EAA HABITAT CONSERVATION	150,000	150,000	-
52216	OPR-REGULATORY FEES	96,950	111,450	14,500
52220	OPR-BANK FEES	19,274	18,724	(550)
52222	OPR-MEMBERSHIPS & PUBLICATIONS	53,440	57,240	3,800
52223	OPR-LICENSE & TRAINING	105,910	97,585	(8,325)
52224	OPR-TRAVEL & MEETINGS	71,475	81,118	9,643
	Total Professional Services and Fees	6,282,816	5,876,284	(406,532)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	28,450	43,500	15,050
52302	OPR-COMPUTER & SOFTWARE EXPENSE	215,100	232,800	17,700
52303	OPR-WIDE AREA NETWORK EXPENSE	56,060	69,160	13,100
52304	OPR-COPY SUPPLIES AND SERVICES	21,820	35,800	13,980
52305	OPR-POSTAGE AND FREIGHT EXPENSE	6,050	12,650	6,600
52306	OPR-DATA & PHONE EXPENSE	68,196	61,546	(6,650)
52320	OPR-EDUCATION EXPENSE	5,000	7,200	2,200
52321	OPR-COMMUNITY AFFAIRS	101,500	111,500	10,000
52322	OPR-ADVERTISING & SUBSCRIPTION EXPENSE	6,000	9,500	3,500
52323	OPR-EMPLOYEE RELATIONS	4,000	4,500	500
52330	OPR-OUTSOURCED PRINTING EXPENSE	10,500	13,024	2,524
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	12,000	31,200	19,200
	Total Office Expenses	534,676	632,380	97,704
	Other Operating Expenses			
52403	OPR-OFFICE/BUILDING RENTAL	49,920	4,320	(45,600)
52405	OPR-CONCESSIONS/STORE MERCHANDISE	6,000	9,000	3,000
52420	OPR-INSURANCE EXPENSE	156,600	180,302	23,702
52430	OPR-MISC EXPENSE	17,750	16,950	(800)
	Total Other Operating Expenses	230,270	210,572	(19,698)
	SUBTOTAL OF OPERATIONAL EXPENSES	20,275,464	20,318,453	42,989
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	29,200	27,000	(2,200)
53105	M&R-GENERATORS	-	10,000	10,000
53115	M&R-METERS	6,750	11,250	4,500
53120	M&R-BOATS	9,400	9,400	-
	Total Maintenance and Repair Equipment	45,350	57,650	12,300

Structures

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
53201	M&R-BUILDING	146,000	126,500	(19,500)
53205	M&R-PUMPS AND MOTORS	520,000	280,000	(240,000)
53216	M&R-PUMPSTATIONS	5,000	5,000	-
53230	M&R-PIPELINES	512,000	420,000	(92,000)
	Total Structures	1,183,000	831,500	(351,500)
	Other Maintenance & Repairs			
53301	M&R-ROADS	15,000	15,000	-
53310	M&R-GROUNDS/ROW	100,000	113,000	13,000
53324	M&R-REMOVE LOG JAMS	26,200	26,200	-
53325	M&R-GENERAL MAINTENANCE	93,717	97,800	4,083
	Total Other Maintenance & Repairs	234,917	252,000	17,083
	SUBTOTAL OF M&R EXPENSES	1,463,267	1,141,150	(322,117)
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	2,346,692	2,244,078	(102,614)
	Total Administrative & General	2,346,692	2,244,078	(102,614)
	Capital Outlay			
13201	STRUCTURES & IMPROVEMENTS	16,000	40,000	24,000
13208	SPECIALIZED OPER EQUIPMENT	-	20,000	20,000
13217	AUTO & HEAVY EQUIPMENT	928,000	110,000	(818,000)
	Total Capital Outlay	944,000	170,000	(774,000)
	Transfers			
61505	TRANSFERS-DESIGNATED PROJECT FUND	(753,000)	743,420	1,496,420
61515	TRANSFERS-RESERVE FUND	-	115,076	115,076
	Total Transfers	(753,000)	858,496	1,611,496
	TOTAL OPERATING AND M&R EXPENSES	24,276,423	24,732,177	455,754
	Net Operating Income	2,232,886	3,480,881	1,247,995

DEBT SERVICE BUDGET

	Capacity Charge Revenue			
42601	DEBT SERV-RRWDS, COSM	686,670	640,279	(46,391)
42602	DEBT SERV-RRWDS, BUDA	103,985	103,985	-
42603	DEBT SERV-RRWDS, GOFORTH	342,223	342,223	-
42604	DEBT SERV-RRWDS, KYLE	337,928	337,928	-
42605	DEBT SERV-RRWDS, MONARCH	34,962	34,962	-

		FY 2023	FY 2024	FY 2024-2023
		BUDGET	BUDGET	DIFFERENCE
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	551,709	551,709	-
42642	DEBT SERV-2013 IH35, KYLE	542,774	542,774	-
42643	DEBT SERV-2013 IH35, MONARCH	55,841	55,841	-
42670	DEBT SERV-2016 SMWTP, BUDA	36,647	37,926	1,279
42671	DEBT SERV-2016 SMWTP, GOFORTH	109,019	124,904	15,885
42672	DEBT SERV-2016 SMWTP, KYLE	118,736	122,881	4,145
42673	DEBT SERV-2016 SMWTP, MONARCH	12,216	12,642	426
42674	DEBT SERV-2016 SMWTP, SUNFIELD	11,672	-	(11,672)
42692	DEBT COVERAGE-2020 WCANYON COMB REF BONDS	477,151	477,151	-
	Total Capacity Charge Revenue	3,880,535	3,844,207	(36,328)
	Total Debt Revenue	3,880,535	3,844,207	(36,328)
	Principal Payments Expense			
21101	LOAN-1977 CORP OF ENGINEERS	285,086	292,213	7,127
21201	BOND-2007 RRWDS	148,333	160,000	11,667
21202	BOND-2010 RRWDS	587,500	563,750	(23,750)
21204	BOND-2012 MID-BASIN	230,000	230,417	417
21205	BOND-2013 IH35	693,333	732,917	39,584
21209	BOND-2016 SMWTP	100,833	110,000	9,167
21211	BOND-2017 RRWDS	280,000	291,667	11,667
21218	BOND-2020 GEN IMP REV REF (OFFICE)	711,250	725,833	14,583
21230	BOND-2022 NB OFFICE CONSTRUCTION	-	155,000	155,000
21233	BOND-2022A SWBARRIER CONSTRUCTION	-	75,417	75,417
	Total Principal Payments Expense	3,036,335	3,337,214	300,879
	Interest Expense			
57201	INT-1977 CANYON COE	23,804	16,677	(7,127)
57203	INT-2007 RRWDS	371,914	307,427	(64,487)
57204	INT-2010 RRWDS	36,745	18,322	(18,423)
57205	INT-2020 GEN IMP BONDS	120,967	106,742	(14,225)
57206	INT-2012 MID-BASIN BONDS	31,786	29,375	(2,411)
57207	INT-2013 IH35 BONDS	502,894	468,227	(34,667)
57210	INT-2016 SMWTP	163,981	161,002	(2,979)
57212	INT-2017 RRWDS	224,565	213,365	(11,200)
57222	INT-2022 NB OFFICE CONSTRUCTION	539,823	454,588	(85,235)
57224	INT-2022 SW BARRIER CONSTRUCTION	-	258,338	258,338
	Total Interest Expense	2,016,479	2,034,063	17,584
	Transfers			
61550	TRANSFERS-RESTRICTED/BOND COVENANT FUND	1,038,242	1,953,811	915,569

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
Total TRANSFERS-RESTRICTED/BOND COVENANT FUND	1,038,242	1,953,811	915,569
Total Debt Expense	6,091,056	7,325,088	1,234,032
Net Change in Debt Service Budget	(2,210,521)	(3,480,881)	(1,270,360)
Net Change in Fund Balance	22,365	-	(22,365)

Water Sales - Capital Outlay Expense

Description	FY 2024
-------------	---------

Capital Outlay Funded From Current Revenues

Electrician Replacement Truck	\$	70,000
Retrofit of Truck	\$	40,000
Laboratory Sample Countertop	\$	30,000
Lab BOD Table - Multi Meter	\$	4,000
Water Quality Storage Shed	\$	10,000
Water Quality YSI Sonde	\$	16,000
<hr/> Total Water Sales Capital Outlay Expense		<hr/> \$ 170,000

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: \$1,795,234

Water Resource Division

Calhoun Canal System

Operating Plan for Fiscal Year Ending 8/31/24

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 2024, revenue from water supplied to municipal and industrial customers is budgeted to increase from \$1,538,705 to \$1,795,234. The municipal and industrial rate will increase to \$0.195/1,000 gallons from \$0.174/1000 gallons

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Significant operating expenses for FY 2024, in addition to personnel costs, include \$43,000 for electrical power to operate the Relift #1 Pump Station, \$85,000 for equipment rental for the rental of a track hoe for canal maintenance, \$50,000 for equipment expense, and \$30,730 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 fund balance as a result of revenues and expenses is \$0.

Staffing Summary

Calhoun Canal	# of Authorized Positions (FTE)		
	2022	2023	2024
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 2022 to FY 2023

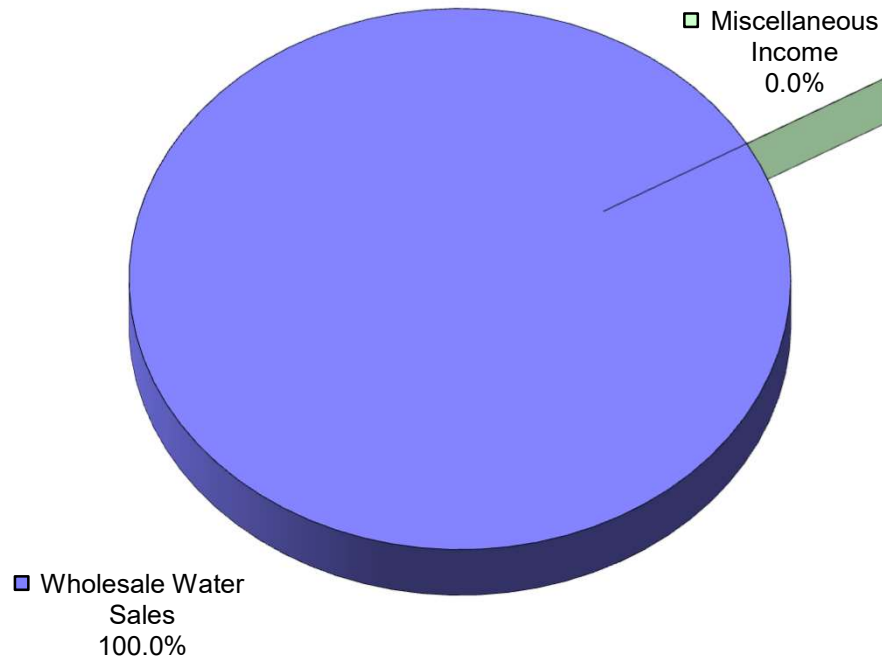
No staffing changes for this division

Changes from FY 2023 to FY 2024

No staffing changes for this division

Budget Summary

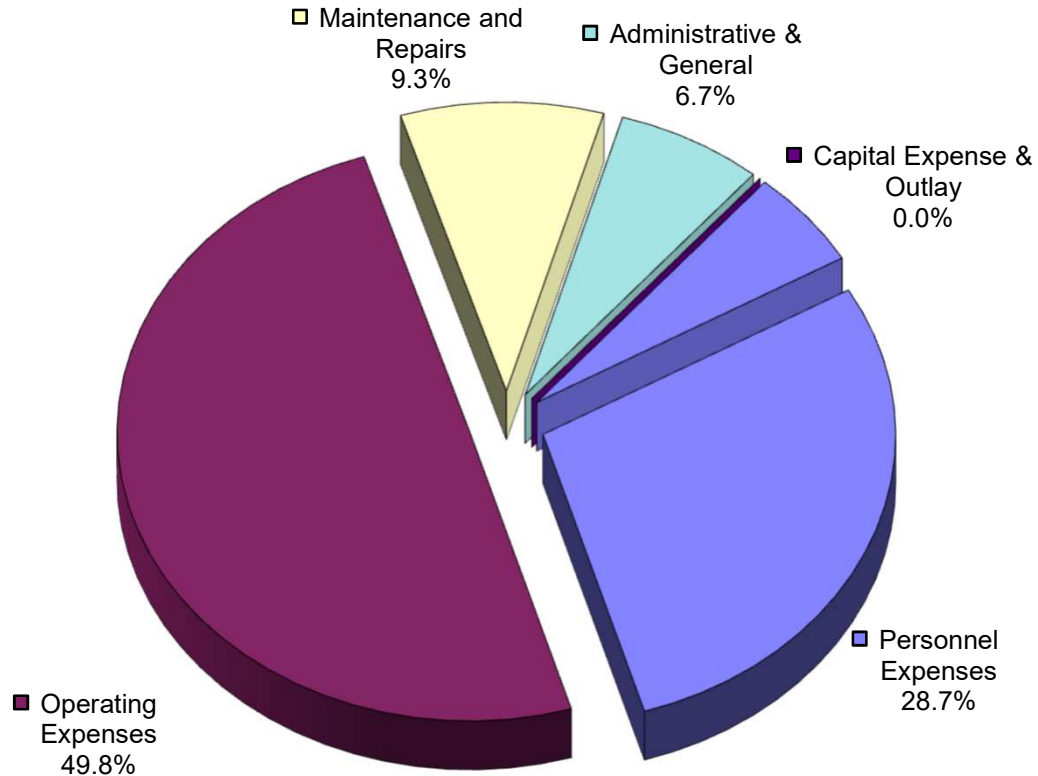
REVENUES - CALHOUN CANAL



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales	2,325,038	1,538,705	1,795,234
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest	4,519		
Grant & Interlocal Agreement Income			
Miscellaneous Income	10,832		
Total Operating Revenue	2,340,389	1,538,705	1,795,234
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	2,340,389	1,538,705	1,795,234

Budget Summary

EXPENSES - CALHOUN CANAL



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	368,694	392,444	439,690
Operating Expenses	241,810	792,306	763,175
Maintenance and Repairs	82,183	139,720	142,720
Administrative & General	85,539	92,176	103,272
Capital Expense & Outlay	177,032	143,000	
Transfers			262,479
Total Operating and M&R Expenses	955,258	1,559,646	1,711,336
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			83,898
Grand Total Expenses	955,258	1,559,646	1,795,234

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

**043 - Calhoun Canal
Department ***

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Wholesale Raw Water Sales			
42170 CANAL-PT LAVACA	108,548	102,057	(6,491)
42171 CANAL-RW, UNDINE	19,659	65,640	45,981
42172 CANAL-CARBIDE	907,725	771,596	(136,129)
42173 CANAL-INEOS	270,766	316,533	45,767
42174 CANAL-SPRINKLER IRRIGATION	17,702	-	(17,702)
42175 CANAL-SEADRIFT COKE	27,584	30,476	2,892
42177 CANAL-PONDS & RIGS	1,968	-	(1,968)
42178 CANAL-WATERFOWL	43,420	37,255	(6,165)
42179 CANAL-POC IDC	27,585	21,919	(5,666)
42181 CANAL-OTHER	6,000	-	(6,000)
42182 CANAL-RICE CROPS	107,748	449,758	342,010
Total Wholesale Raw Water Sales	1,538,705	1,795,234	256,529
Total Operating Revenue	<u>1,538,705</u>	<u>1,795,234</u>	<u>256,529</u>
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	244,012	276,628	32,616
51102 LBR-OVERTIME	35,308	36,319	1,011
Total Salaries	279,320	312,947	33,627
Benefits			
51298 BEN-BENEFIT ALLOCATION	113,124	126,743	13,619
Total Benefits	113,124	126,743	13,619
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	49,600	43,000	(6,600)
52103 OPR-CHEMICALS	600	-	(600)
52110 OPR-SMALL TOOLS AND SUPPLIES	6,000	7,700	1,700
52113 OPR-LAB SUPPLIES	660	-	(660)
52120 OPR-UNIFORMS/BUSINESS ATTIRE	4,800	5,500	700

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
52121 OPR-SAFETY & EMERGENCY EXPENSE	5,000	5,000	-
52122 OPR-SECURITY EXPENSE	2,760	1,000	(1,760)
52123 OPR-EQUIPMENT RENTAL	75,000	85,000	10,000
52124 OPR-EQUIPMENT EXPENSE	50,000	50,000	-
52125 OPR-VEHICLE EXPENSE	35,000	20,000	(15,000)
52126 OPR-FLEET LEASE EXPENSE	9,600	19,200	9,600
52133 OPR-SCADA	2,500	10,000	7,500
52145 OPR-CONTRACT LABOR	3,600	-	(3,600)
52150 OPR-WATER PURCHASES/DELIVERY	400,000	-	(400,000)
Total Operating Supplies & Services	645,120	246,400	(398,720)
Professional Services and Fees			
52205 OPR-PROFESSIONAL SERVICES-OTHER	1,800	-	(1,800)
52209 OPR-DOW PUMP STATION	-	391,139	391,139
52211 OPR-USGS MONITORING	16,200	27,500	11,300
52216 OPR-REGULATORY FEES	39,000	39,000	-
52222 OPR-MEMBERSHIPS & PUBLICATIONS	720	-	(720)
52223 OPR-LICENSE & TRAINING	1,056	1,056	-
52224 OPR-TRAVEL & MEETINGS	1,200	1,300	100
Total Professional Services and Fees	59,976	459,995	400,019
Office Expenses			
52301 OPR-OFFICE SUPPLIES	2,400	1,400	(1,000)
52302 OPR-COMPUTER & SOFTWARE EXPENSE	4,400	4,800	400
52305 OPR-POSTAGE AND FREIGHT EXPENSE	250	250	-
52306 OPR-DATA & PHONE EXPENSE	12,900	400	(12,500)
Total Office Expenses	19,950	6,850	(13,100)
Other Operating Expenses			
52403 OPR-OFFICE/BUILDING RENTAL	18,000	19,200	1,200
52404 OPR-RIGHT OF WAY	2,200	-	(2,200)
52420 OPR-INSURANCE EXPENSE	42,500	30,730	(11,770)
52430 OPR-MISC EXPENSE	4,560	-	(4,560)
Total Other Operating Expenses	67,260	49,930	(17,330)
SUBTOTAL OF OPERATIONAL EXPENSES	1,184,750	1,202,865	18,115
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	6,500	6,500	-
53110 M&R-CONTROL SYSTEMS	-	2,000	2,000
53115 M&R-METERS	3,000	3,000	-
Total Maintenance and Repair Equipment	9,500	11,500	2,000
Structures			
53201 M&R-BUILDING	9,000	10,000	1,000

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
53205	M&R-PUMPS AND MOTORS	4,500	4,500	-
53210	M&R-GATES AND VALVES	25,000	25,000	-
53230	M&R-PIPELINES	1,200	1,200	-
	Total Structures	39,700	40,700	1,000
	Other Maintenance & Repairs			
53301	M&R-ROADS	1,000	1,000	-
53310	M&R-GROUNDS/ROW	4,060	4,060	-
53325	M&R-GENERAL MAINTENANCE	83,960	83,960	-
53399	M&R-MISC EXPENSE	1,500	1,500	-
	Total Other Maintenance & Repairs	90,520	90,520	-
	SUBTOTAL OF M&R EXPENSES	139,720	142,720	3,000
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	92,176	103,272	11,096
	Total Administrative & General	92,176	103,272	11,096
	Capital Outlay			
13217	AUTO & HEAVY EQUIPMENT	143,000	-	(143,000)
	Total Capital Outlay	143,000	-	(143,000)
	Transfers			
61505	TRANSFERS-DESIGNATED PROJECT FUND	-	262,479	262,479
	Total Transfers	-	262,479	262,479
	TOTAL OPERATING AND M&R EXPENSES	1,559,646	1,711,336	151,690
	Net Operating Income	(20,941)	83,898	104,839

DEBT SERVICE BUDGET

	Transfers			
61550	TRANSFERS-RESTRICTED/BOND COVENANT FUND	-	83,898	83,898
	Total TRANSFERS-RESTRICTED/BOND COVENANT FUND	-	83,898	83,898
	Total Debt Expense	-	83,898	83,898
	Net Change in Debt Service Budget	-	(83,898)	(83,898)

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
Net Change in Fund Balance	<u>(20,941)</u>	<u>-</u>	<u>20,941</u>



(This page was intentionally left blank)



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.

-
- | | |
|--|---------------------------------------|
| • Service Provided: Water treatment | • Plant Capacity: 21 MGD |
| • Location: San Marcos, TX | • # of Gallons Treated: 4,921,981,000 |
| • Startup Operation Date: January 2000 | • # of Current Employees: 9 |
| • Service Area: Hays County, TX | • Budgeted Revenue: \$3,080,045 |

Water Resource Division

San Marcos Water Treatment Plant

Operating Plan for Fiscal Year Ending 8/31/24

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. GBRA owns and operates the 20-mile pipeline that delivers water from Lake Dunlap, downstream of Canyon Dam.

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 \$1,219,284 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 24, these pass-through reimbursements are projected to total \$1,528,368. Revenue from other water customers is estimated to be \$1,578,360.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The total operating costs budgeted for FY 2024 is \$3,080,045. Significant costs within the budget include personnel costs at \$749,664, power and utilities at \$492,422, chemicals at \$849,487, and maintenance & repair expenses of \$370,500.

FUND BALANCE

The budget projects a fund balance of \$0.

Staffing Summary

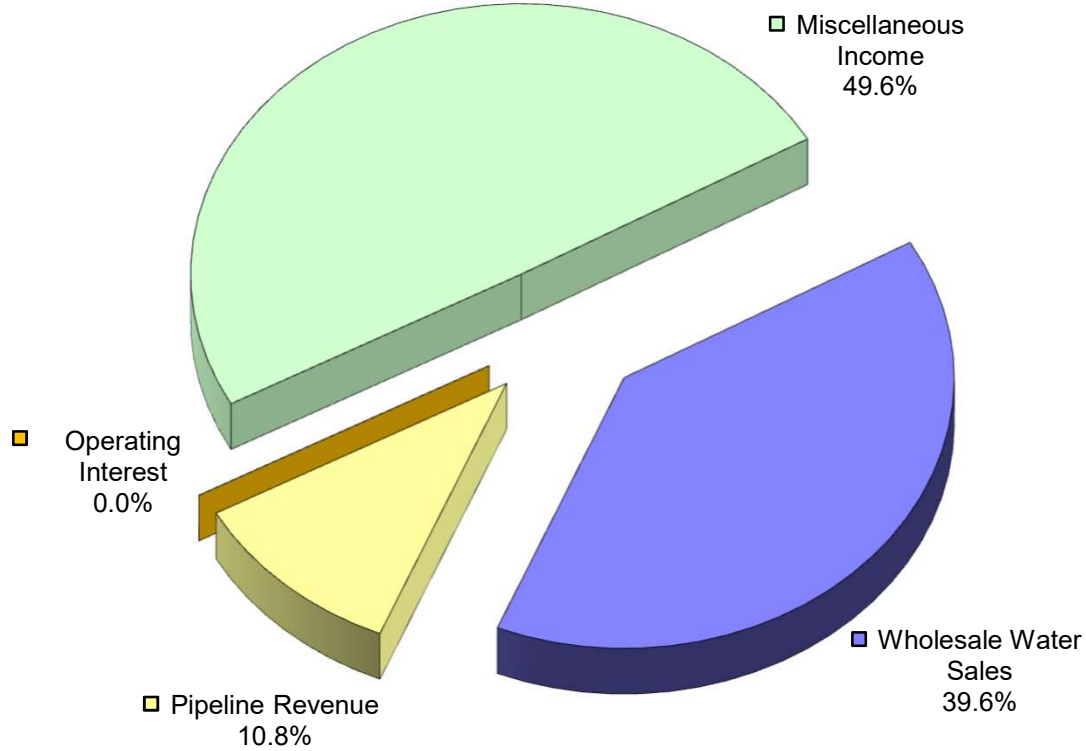
San Marcos WTP	# of Authorized Positions (FTE)		
	2022	2023	2024
Plant Manager	1	1	1
Chief Operator	1	1	1
Operator	7	7	7
Total	9	9	9

Changes from FY 2022 to FY 2023
No staffing changes for this division.

Changes from FY 2023 to FY 2024
No staffing changes for this division.

Budget Summary

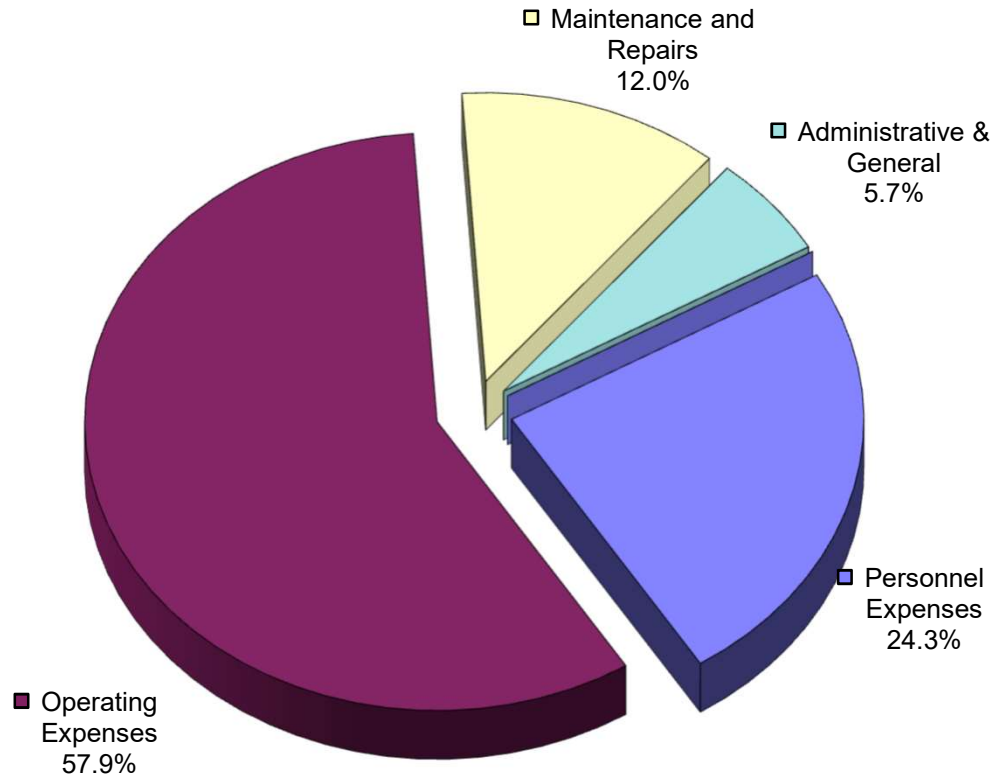
REVENUES - SAN MARCOS WTP



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales	1,039,888	1,100,060	1,219,284
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue	288,992	265,584	332,393
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest	1,864	400	
Grant & Interlocal Agreement Income	56,613		
Miscellaneous Income	1,100,975	1,438,137	1,528,368
Total Operating Revenue	2,488,332	2,804,181	3,080,045
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	2,488,332	2,804,181	3,080,045

Budget Summary

EXPENSES - SAN MARCOS WTP



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	832,854	798,064	749,664
Operating Expenses	1,507,418	1,716,042	1,783,803
Maintenance and Repairs	310,236	416,500	370,500
Administrative & General	195,031	187,456	176,078
Capital Expense & Outlay			
Transfers		(313,881)	
Total Operating and M&R Expenses	2,845,539	2,804,181	3,080,045
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	2,845,539	2,804,181	3,080,045

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

**044 - San Marcos WTP
Department ***

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wholesale Water Treatment				
42201	ANNUAL SERVICE FEE INCOME	1,100,060	1,219,284	119,224
	Total Wholesale Water Treatment	1,100,060	1,219,284	119,224
Pipeline Revenue				
42570	O&M-SMWTP, COSM	(1,015,912)	(1,245,967)	(230,055)
42571	O&M-SMWTP, BUDA	187,528	226,852	39,324
42572	O&M-SMWTP, GOFORTH	439,557	586,236	146,679
42573	O&M-SMWTP, KYLE	555,187	666,802	111,615
42574	O&M-SMWTP, MONARCH	99,224	98,470	(754)
	Total Pipeline Revenue	265,584	332,393	66,809
Operating Interest				
44110	INT-OPR INVESTMENT FUNDS	400	-	(400)
	Total Operating Interest	400	-	(400)
Pass-Through Costs				
45240	PASS-THROUGH-ELECTRIC COSTS	425,944	340,622	(85,322)
45241	PASS-THROUGH-CHEMICAL COSTS	756,684	778,181	21,497
45242	PASS-THROUGH-GNDWTR ELECTRIC COSTS	110,187	185,400	75,213
45243	PASS-THROUGH-GNDWTR CHEMICAL COSTS	27,522	71,307	43,785
45244	PASS-THROUGH-INSURANCE	30,300	64,858	34,558
45245	PASS-THROUGH-LOC	12,500	13,000	500
45246	PASS-THROUGH-INSPECTION	75,000	75,000	-
	Total Pass-Through Costs	1,438,137	1,528,368	90,231
	Total Operating Revenue	2,804,181	3,080,045	275,864
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	516,868	480,698	(36,170)
51102	LBR-OVERTIME	51,149	52,871	1,722

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
	Total Salaries	568,017	533,569	(34,448)
	Benefits			
51298	BEN-BENEFIT ALLOCATION	230,047	216,095	(13,952)
	Total Benefits	230,047	216,095	(13,952)
	Operating Supplies & Services			
52101	OPR-POWER & UTILITIES	498,031	492,422	(5,609)
52102	OPR-AUXILIARY POWER EXPENSE	35,600	33,600	(2,000)
52103	OPR-CHEMICALS	806,861	849,487	42,626
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	90,000	90,000	-
52120	OPR-UNIFORMS/BUSINESS ATTIRE	6,300	7,200	900
52121	OPR-SAFTY & EMERGENCY EXPENSE	7,000	7,400	400
52125	OPR-VEHICLE EXPENSE	10,000	10,000	-
52126	OPR-FLEET LEASE EXPENSE	12,650	28,386	15,736
52133	OPR-SCADA	27,500	15,000	(12,500)
	Total Operating Supplies & Services	1,519,442	1,558,995	39,553
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	31,450	15,000	(16,450)
52216	OPR-REGULATORY FEES	75,000	75,000	-
52220	OPR-BANK FEES	12,500	13,000	500
52222	OPR-MEMBERSHIPS & PUBLICATIONS	1,500	1,500	-
52223	OPR-LICENSE & TRAINING	5,000	5,000	-
52224	OPR-TRAVEL & MEETINGS	5,000	7,000	2,000
	Total Professional Services and Fees	130,450	116,500	(13,950)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	4,000	4,000	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	10,500	10,750	250
52303	OPR-WIDE AREA NETWORK EXPENSE	1,650	3,200	1,550
52305	OPR-POSTAGE AND FREIGHT EXPENSE	500	500	-
52306	OPR-DATA & PHONE EXPENSE	6,000	6,000	-
52323	OPR-EMPLOYEE RELATIONS	1,200	2,000	800
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	7,000	7,000	-
	Total Office Expenses	30,850	33,450	2,600
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	30,300	64,858	34,558
52430	OPR-MISC EXPENSE	5,000	10,000	5,000

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
Total Other Operating Expenses	35,300	74,858	39,558
SUBTOTAL OF OPERATIONAL EXPENSES	2,514,106	2,533,467	19,361
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	30,000	30,000	-
53110 M&R-CONTROL SYSTEMS	50,000	50,000	-
53115 M&R-METERS	12,000	10,000	(2,000)
Total Maintenance and Repair Equipment	92,000	90,000	(2,000)
Structures			
53201 M&R-BUILDING	30,000	30,000	-
53202 M&R-CLEARWELLS	4,000	3,000	(1,000)
53205 M&R-PUMPS AND MOTORS	65,000	50,000	(15,000)
53216 M&R-PUMPSTATIONS	30,000	35,000	5,000
53220 M&R-CLARIFIERS	10,000	100,000	90,000
53230 M&R-PIPELINES	8,000	10,000	2,000
53238 M&R-FILTERS	100,000	10,000	(90,000)
Total Structures	247,000	238,000	(9,000)
Other Maintenance & Repairs			
53301 M&R-ROADS	2,500	2,500	-
53310 M&R-GROUNDS/ROW	30,000	35,000	5,000
53320 M&R-PONDS AND LAGOONS	10,000	-	(10,000)
53325 M&R-GENERAL MAINTENANCE	30,000	-	(30,000)
53399 M&R-MISC EXPENSE	5,000	5,000	-
Total Other Maintenance & Repairs	77,500	42,500	(35,000)
SUBTOTAL OF M&R EXPENSES	416,500	370,500	(46,000)
Administrative & General			
54100 ADMINISTRATIVE & GENERAL	187,456	176,078	(11,378)
Total Administrative & General	187,456	176,078	(11,378)
Transfers			
61515 TRANSFERS-RESERVE FUND	(313,881)	-	313,881
Total Transfers	(313,881)	-	313,881
TOTAL OPERATING AND M&R EXPENSES	2,804,181	3,080,045	275,864
Net Operating Income	-	-	-

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
Net Change in Fund Balance	-	-	-



(This page was intentionally left blank)



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 a current treatment capacity of 3.5 MGD.

-
- | | |
|--|---------------------------------|
| • Service Provided: Wastewater treatment | • Capacity: 1.5 MGD |
| • Location: Buda, TX | • # of Current Employees: 2 |
| • Startup Operation Date: 2001 | • Budgeted Revenue: \$1,463,270 |
| • Customer: City of Buda | |

Water Resource Division

Buda Wastewater Treatment Plant System

Operating Plan for Fiscal Year Ending 8/31/24

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 494 million gallons per year or 1.353 million gallons per day (MGD) and is based upon a 12-month fiscal year beginning September 1, 2023 and ending August 31, 2024. The budgeted FY 2024 revenue for the Buda Division is \$1,463,270.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The combined capital additions and operating expenditure budget for FY 2024 amounts to \$1,463,270. Major operating expenses include power and utility costs of \$215,000, biosolids disposal costs of \$160,000, and chemical costs of \$223,000. Laboratory testing and supplies are estimated at \$49,300. Maintenance and repair costs incorporated into the budget total \$148,000 which cover routine maintenance to pumps, motors, equipment, and odor control. This year's budget includes additional costs for basin cleaning and rehab, blower rehab, and a new RAS pump.

This budget includes \$6,074 for insurance secured by GBRA; however, the City of Buda is responsible for property insurance which is not included within this budget. The budget also includes the standard administration and general cost percentage charged to all operating divisions of GBRA.

The capital addition budgeted for FY 2024 is a new blower in the amount of \$150,000, needed to treat increasing sewage flows.

FUND BALANCE

Funds for the above listed capital addition 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 2024 is \$0.

Staffing Summary

Buda WWTP	# of Authorized Positions (FTE)		
	2022	2023	2024
Operator	3	2	2
Total	3	2	2

Changes from FY 2022 to FY 2023

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

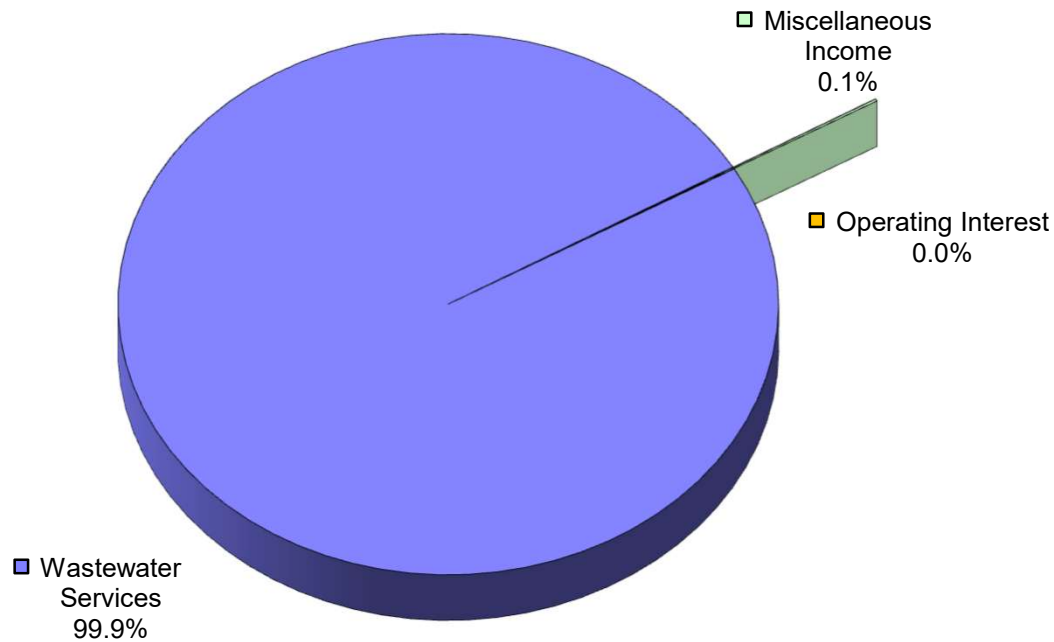
Changes from FY 2023 to FY 2024

No staffing changes for this Division.

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

Budget Summary

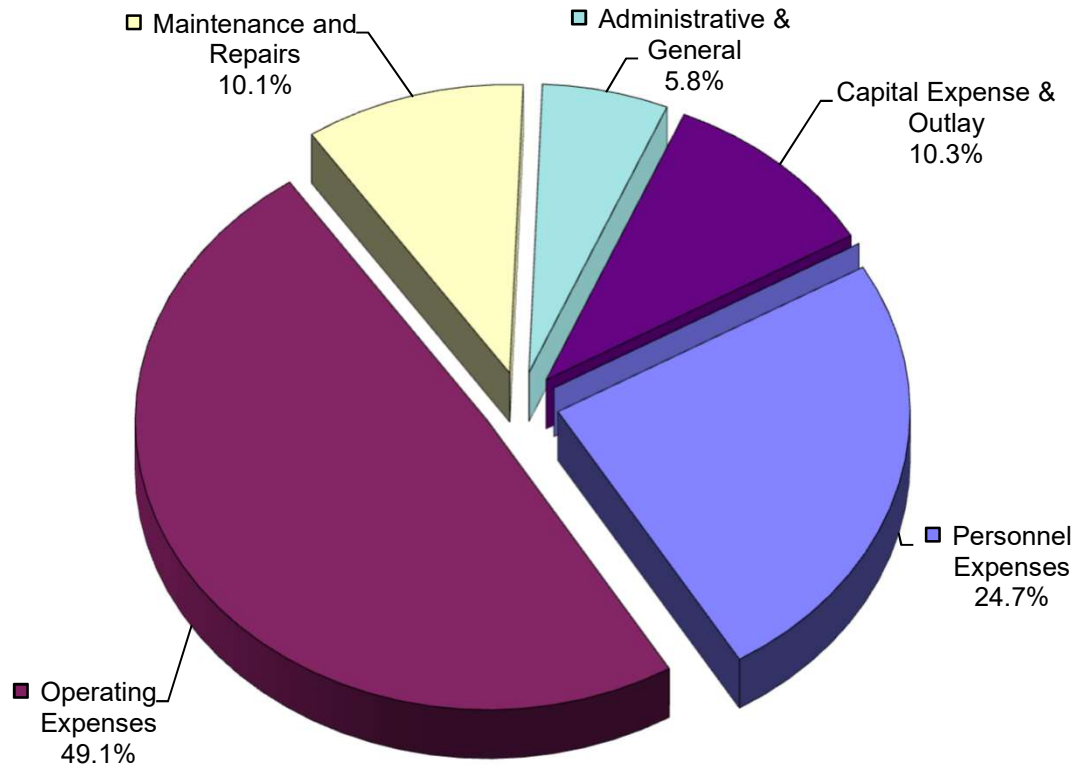
REVENUES - BUDA WWTP



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services	1,047,338	1,151,511	1,461,470
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income		1,800	1,800
Total Operating Revenue	1,047,338	1,153,311	1,463,270
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	1,047,338	1,153,311	1,463,270

Budget Summary

EXPENSES - BUDA WWTP



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	322,935	352,433	361,693
Operating Expenses	544,428	584,100	718,624
Maintenance and Repairs	103,095	134,000	148,000
Administrative & General	76,124	82,778	84,953
Capital Expense & Outlay			150,000
Transfers			
Total Operating and M&R Expenses	1,046,582	1,153,311	1,463,270
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	1,046,582	1,153,311	1,463,270

Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024

045 - Buda WWTP
Department *

		FY 2023	FY 2024	FY 2024-2023
		BUDGET	BUDGET	DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wastewater Treatment				
41201	WW-OPR & MAINTENANCE	1,066,800	1,378,317	311,517
41202	WW-ADMINISTRATIVE & GENERAL	86,511	84,953	(1,558)
41207	WW-CREDIT TO CUSTOMER	(1,800)	(1,800)	-
	Total Wastewater Treatment	1,151,511	1,461,470	309,959
Internal Transfers				
43002	REV-BUILDING/EQUIP RENTAL	1,800	1,800	-
	Total Internal Transfers	1,800	1,800	-
	Total Operating Revenue	1,153,311	1,463,270	309,959
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	239,846	245,688	5,842
51102	LBR-OVERTIME	10,996	11,745	749
	Total Salaries	250,842	257,433	6,591
Benefits				
51298	BEN-BENEFIT ALLOCATION	101,591	104,260	2,669
	Total Benefits	101,591	104,260	2,669
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	165,000	215,000	50,000
52102	OPR-AUXILIARY POWER EXPENSE	4,000	7,500	3,500
52103	OPR-CHEMICALS	157,000	223,000	66,000
52110	OPR-SMALL TOOLS AND SUPPLIES	1,500	2,000	500
52113	OPR-LAB SUPPLIES	10,000	10,000	-
52114	OPR-LABORATORY SERVICES-GBRA	33,000	33,000	-
52115	OPR-LABORATORY SERVICES-OUTSOURCED	6,000	6,300	300
52118	OPR-DISPOSAL SERVICES	149,000	160,000	11,000
52120	OPR-UNIFORMS	2,800	2,600	(200)

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
52121	OPR-SAFETY & EMERGENCY EXPENSE	4,000	5,000	1,000
52124	OPR-EQUIPMENT EXPENSE	2,600	2,600	-
52125	OPR-VEHICLE EXPENSE	2,500	2,500	-
52133	OPR-SCADA	1,700	1,700	-
	Total Operating Supplies & Services	539,100	671,200	132,100
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	7,000	8,000	1,000
52216	OPR-REGULATORY 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	22,000	23,000	1,000
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	1,200	1,600	400
52302	OPR-COMPUTER & SOFTWARE EXPENSE	5,850	6,550	700
52303	OPR-WIDE AREA NETWORK EXPENSE	4,150	3,200	(950)
52306	OPR-DATA & PHONE EXPENSE	6,000	7,000	1,000
	Total Office Expenses	17,200	18,350	1,150
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	5,800	6,074	274
	Total Other Operating Expenses	5,800	6,074	274
	SUBTOTAL OF OPERATIONAL EXPENSES	936,533	1,080,317	143,784
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	41,000	30,000	(11,000)
53110	M&R-CONTROL SYSTEMS	12,000	12,000	-
53115	M&R-METERS	10,000	10,000	-
	Total Maintenance and Repair Equipment	63,000	52,000	(11,000)
	Structures			
53201	M&R-BUILDING	2,000	2,000	-
53205	M&R-PUMPS AND MOTORS	34,000	34,000	-
53210	M&R-GATES AND VALVES	10,000	10,000	-
53220	M&R-CLARIFIERS	16,000	41,000	25,000
53238	M&R-FILTERS	3,000	3,000	-
	Total Structures	65,000	90,000	25,000
	Other Maintenance & Repairs			
53310	M&R-GROUNDS/ROW	6,000	6,000	-
	Total Other Maintenance & Repairs	6,000	6,000	-

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
	SUBTOTAL OF M&R EXPENSES	134,000	148,000	14,000
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	82,778	84,953	2,175
	Total Administrative & General	82,778	84,953	2,175
	Capital Expenses			
55001	CUSTOMER-OWNED CAPITAL EXPENSE	-	150,000	150,000
	Total Capital Expenses	-	150,000	150,000
	TOTAL OPERATING AND M&R EXPENSES	1,153,311	1,463,270	309,959
	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: \$1,575,000
 - Customers: New Braunfels Utilities, City of Lockhart, and Goforth SUD

Water Resources Division Carrizo Groundwater Supply Operating Plan for Fiscal Year Ending 8/31/24

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.

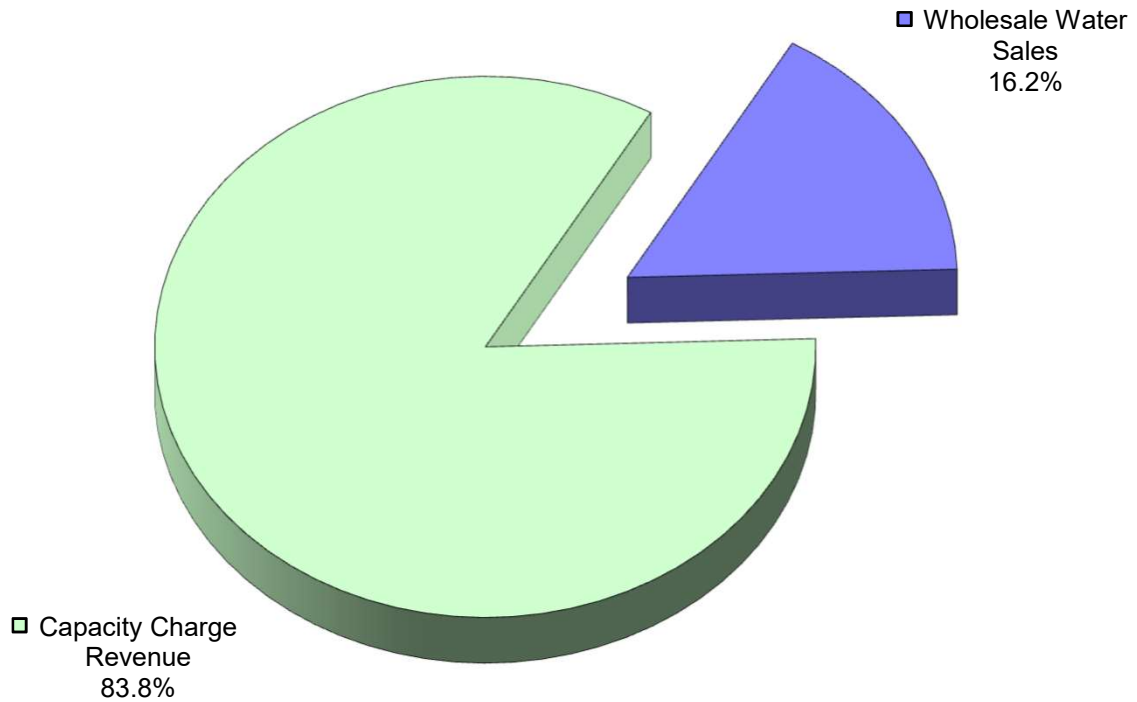
FUND BALANCE

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

A net increase in the fund balance of \$748,265 is anticipated due to the timing of receipt of funds and payment of expenses.

Budget Summary

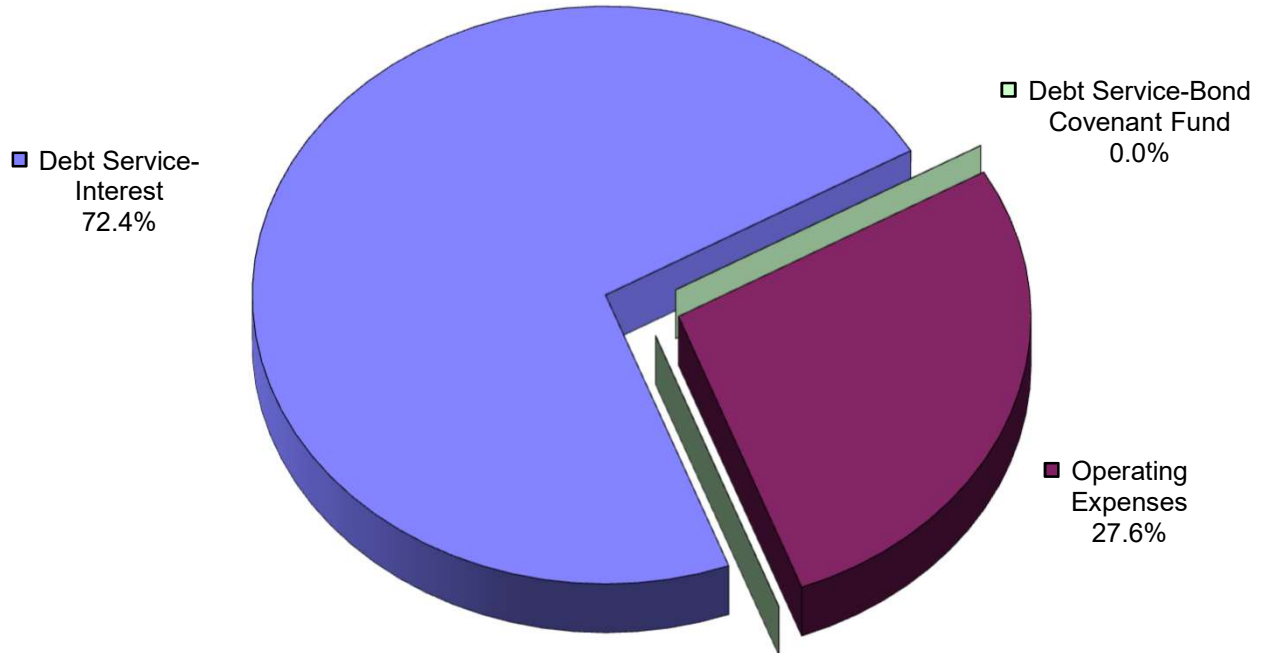
REVENUES - CARRIZO GROUNTWATER SYSTEM



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales	1,230,000	1,230,000	1,575,000
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest	299,814		
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	1,529,814	1,230,000	1,575,000
Capacity Charge Revenue	585,232	2,772,920	8,157,536
I/F Loan Repayments from Operations			
Grand Total Revenues	2,115,046	4,002,920	9,732,536

Budget Summary

EXPENSES - CARRIZO GROUNDWATER SYSTEM



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	112,980	86,639	136,018
Operating Expenses	1,435,709	1,233,128	1,400,363
Maintenance and Repairs			
Administrative & General	26,536	20,349	31,947
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	1,575,225	1,340,116	1,568,328
Debt Service-Principal		605,416	3,751,668
Debt Service-Interest	5,170,722	2,988,579	3,664,275
Debt Service-Bond Covenant Fund		(1,073,159)	
Grand Total Expenses	6,745,947	3,860,952	8,984,271

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

**047 - Carrizo Groundwater System
Department ***

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Wholesale Raw Water Sales			
42151 CARRIZO-NEW BRAUNFELS UTILITES	656,000	840,000	184,000
42152 CARRIZO-CITY OF LOCKHART	246,000	315,000	69,000
42153 CARRIZO-GOFORTH SUD	328,000	420,000	92,000
Total Wholesale Raw Water Sales	1,230,000	1,575,000	345,000
Total Operating Revenue	1,230,000	1,575,000	345,000
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	61,665	95,448	33,783
51102 LBR-OVERTIME	-	1,362	1,362
Total Salaries	61,665	96,810	35,145
Benefits			
51298 BEN-BENEFIT ALLOCATION	24,974	39,208	14,234
Total Benefits	24,974	39,208	14,234
Operating Supplies & Services			
52126 OPR-FLEET LEASE EXPENSE	6,000	7,000	1,000
52133 OPR-SCADA	15,000	5,700	(9,300)
Total Operating Supplies & Services	21,000	12,700	(8,300)
Professional Services and Fees			
52205 OPR-PROFESSIONAL SERVICES-OTHER	5,600	5,600	-
52212 OPR-CARRIZO LEASE PAYMENTS	1,012,300	1,119,567	107,267
52213 OPR-GROUNDWATER DISTRICT FEES	191,528	221,215	29,687
52220 OPR-BANK FEES	-	2,450	2,450
Total Professional Services and Fees	1,209,428	1,348,832	139,404
Office Expenses			
52302 OPR-COMPUTER & SOFTWARE EXPENSE	2,400	2,400	-

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
52303	OPR-WIDE AREA NETWORK EXPENSE	-	3,200	3,200
	Total Office Expenses	2,400	5,600	3,200
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	300	33,231	32,931
	Total Other Operating Expenses	300	33,231	32,931
	SUBTOTAL OF OPERATIONAL EXPENSES	1,319,767	1,536,381	216,614
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	20,349	31,947	11,598
	Total Administrative & General	20,349	31,947	11,598
	TOTAL OPERATING AND M&R EXPENSES	1,340,116	1,568,328	228,212
	Net Operating Income	(110,116)	6,672	116,788

DEBT SERVICE BUDGET

	Capacity Charge Revenue			
42695	DEBT SERV-CARRIZO, NBU	1,588,242	4,405,308	2,817,066
42696	DEBT SERV-CARRIZO, GOFORTH	594,059	1,570,649	976,590
42697	DEBT SERV-CARRIZO, LOCKHART	590,619	1,646,012	1,055,393
42698	DEBT SERV-CARRIZO, MAXWELL	-	211,993	211,993
42699	DEBT SERV-CARRIZO, COUNTY LINE	-	323,574	323,574
	Total Capacity Charge Revenue	2,772,920	8,157,536	5,384,616
	Total Debt Revenue	2,772,920	8,157,536	5,384,616

	Principal Payments Expense			
21213	BOND-2018A TWDB CARRIZO GRNDWTR	22,083	270,417	248,334
21214	BOND-2018B TWDB CARRIZO GRNDWTR	321,250	335,417	14,167
21216	BOND-2019 TWDB CARRIZO GRNDWTR	262,083	3,145,834	2,883,751
	Total Principal Payments Expense	605,416	3,751,668	3,146,252
	Interest Expense			
57215	INT-2018/19/20/21/22 CARRIZO GROUNDWATER, TV	2,988,579	3,664,275	675,696
	Total Interest Expense	2,988,579	3,664,275	675,696

Transfers

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
61550 TRANSFERS-RESTRICTED/BOND COVENANT FUND	<u>(1,073,159)</u>	<u>-</u>	<u>1,073,159</u>
Total TRANSFERS-RESTRICTED/BOND COVENANT FUND	<u>(1,073,159)</u>	<u>-</u>	<u>1,073,159</u>
Total Debt Expense	<u>2,520,836</u>	<u>7,415,943</u>	<u>4,895,107</u>
Net Change in Debt Service Budget	<u>252,084</u>	<u>741,593</u>	<u>489,509</u>
Net Change in Fund Balance	<u>141,968</u>	<u>748,265</u>	<u>606,297</u>



(This page was intentionally left blank)



Alliance WTP

The Alliance Water Treatment Plant is managed by the Alliance Regional Water Authority, with both Alliance and GBRA having capacity ownership in the plant. After completion of a procurement process, GBRA was selected by Alliance to operate the plant with a contract start date of June 1, 2023. The plant is still under construction and expected to be fully operational at the start of 2024.

The plant will treat groundwater from wells in Gonzales and Caldwell counties and distribute the water to customers of Alliance and GBRA.

- Service Provided: Groundwater collection, treatment, and delivery
- Location of Plant: Caldwell County
- Startup Operation Date: January 2024
- # of Current Employees: 8
- Budgeted Operating Revenue: \$2,599,041
- Capacity: 19.5 MGD

Water Resources Division

Alliance Water Treatment Plant & Facility Infrastructures

Operating Plan for Fiscal Year 2024

BACKGROUND

On June 1, 2023, GBRA began operation of the Alliance Regional Water Authority (ARWA) groundwater treatment plant and transmission infrastructure to deliver treated water derived from underground water leases owned by both ARWA and GBRA. The plant is currently under construction with anticipated start up in early 2024. The transmission infrastructure will be completed in several sections with anticipated final completion in 2025.

The contract between the ARWA and GBRA provides that GBRA will bill the actual cost of operating and maintaining the plant, ARWA's well fields and transmission pipelines. As a result, revenue is matched to expenses and GBRA does not over-recover nor under-recover the cost of operating the plant.

REVENUE SOURCES AND TRENDS

The following Work Plan and Budget for the ARWA Groundwater Treatment Plant is based on the treatment of an estimated average treatment of 8 million gallons per day and is based upon a 12-month fiscal year. The budgeted FY 2024 revenue for the ARWA is \$2,599,041.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Operating expenses at this early stage of the project are primarily for operations and startup of the infrastructure and other operational & administrative expenses. Estimates for operational costs assume operation of the plant begins in early 2024.

FUND BALANCE

Funds for the above listed operations will be provided by revenues from ARWA. 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 2024 is \$0.

Staffing Summary

Alliance WTP	# of Authorized Positions (FTE)		
	2022	2023	2024
Chief Operator			1
Operators: Lead, Plant, Distribution			6
Total	0	0	7

New operation in construction in FY 2023 with operation anticipated in early 2024.

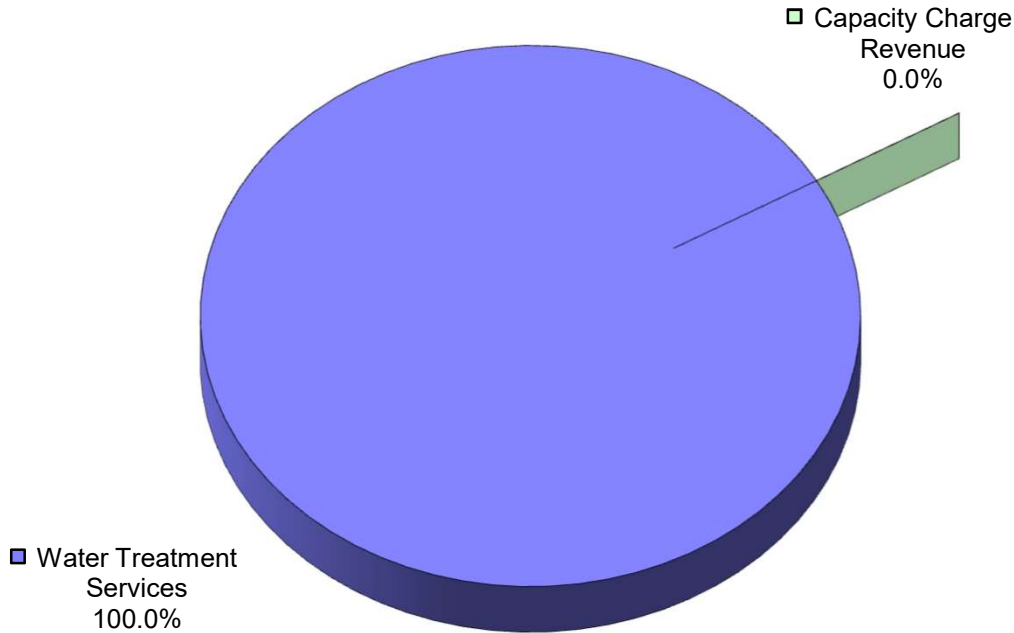
Changes from FY 2023 to FY 2024

1-Electrical/Instrumentation Technician was moved to 041-Water Sales.

1-Operator position was not funded.

Budget Summary

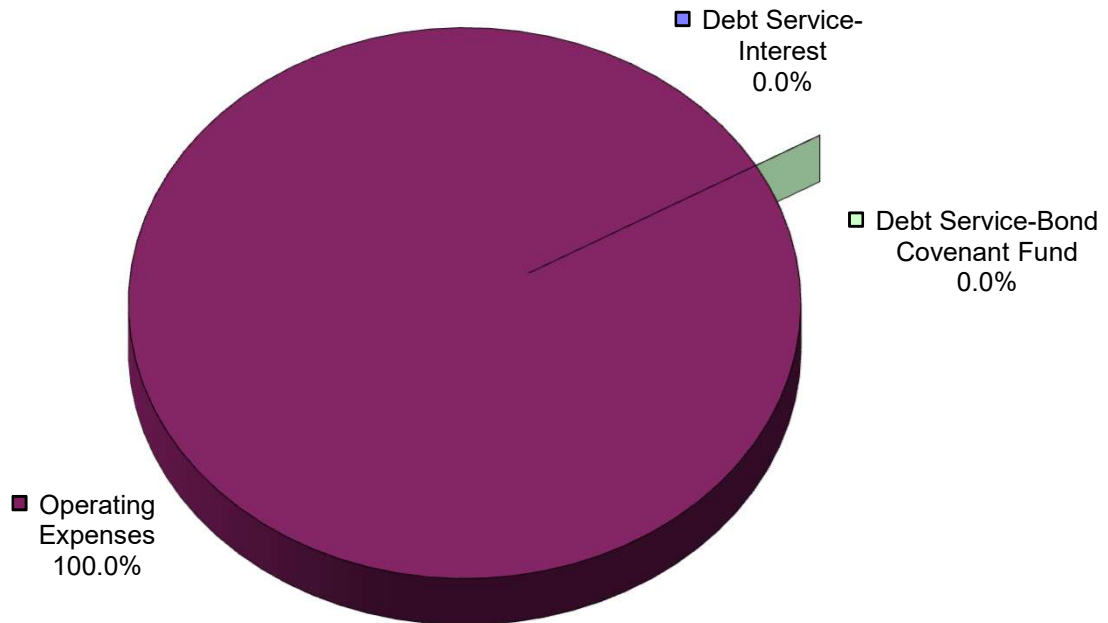
REVENUES - ALLIANCE WTP



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			2,599,041
Wastewater Services			
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			2,599,041
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	0	0	2,599,041

Budget Summary

EXPENSES - ALLIANCE WTP



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses		43,060	600,694
Operating Expenses		14,862	1,580,684
Maintenance and Repairs			81,575
Administrative & General		10,113	141,088
Capital Expense & Outlay			195,000
Transfers			
Total Operating and M&R Expenses		68,035	2,599,041
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses		68,035	2,599,041

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

**048 - Alliance WTP
Department ***

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Water Treatment				
41101	PLANT O&M	-	2,457,953	2,457,953
41102	PLANT A&G	-	141,088	141,088
	Total Water Treatment	<u>-</u>	<u>2,599,041</u>	<u>2,599,041</u>
	Total Operating Revenue	<u>-</u>	<u>2,599,041</u>	<u>2,599,041</u>
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	30,648	407,085	376,437
51102	LBR-OVERTIME	-	20,455	20,455
	Total Salaries	<u>30,648</u>	<u>427,540</u>	<u>396,892</u>
Benefits				
51298	BEN-BENEFIT ALLOCATION	12,412	173,154	160,742
	Total Benefits	<u>12,412</u>	<u>173,154</u>	<u>160,742</u>
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	-	457,815	457,815
52102	OPR-AUXILIARY POWER EXPENSE	-	22,750	22,750
52103	OPR-CHEMICALS	-	829,627	829,627
52110	OPR-SMALL TOOLS AND SUPPLIES	-	9,750	9,750
52111	OPR-PUBLIC NOTICES AND COMMUNICATIONS	-	650	650
52113	OPR-LAB SUPPLIES	-	9,750	9,750
52114	OPR-LABORATORY SERVICES-GBRA	-	2,600	2,600
52115	OPR-LABORATORY SERVICES-OUTSOURCED	-	2,600	2,600
52118	OPR-DISPOSAL SERVICES	-	26,000	26,000
52120	OPR-UNIFORMS/BUSINESS ATTIRE	330	4,160	3,830
52121	OPR-SAFTY & EMERGENCY EXPENSE	-	3,250	3,250
52123	OPR-EQUIPMENT RENTAL	-	9,750	9,750
52125	OPR-VEHICLE EXPENSE	2,620	20,391	17,771
52126	OPR-FLEET LEASE EXPENSE	3,611	20,800	17,189

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
52145	OPR-CONTRACT LABOR	-	9,750	9,750
	Total Operating Supplies & Services	6,561	1,429,643	1,423,082
	Professional Services and Fees			
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	-	5,200	5,200
52205	OPR-PROFESSIONAL SERVICES-OTHER	-	55,250	55,250
52217	OPR-INSPECTION FEES	-	16,250	16,250
52222	OPR-MEMBERSHIPS & PUBLICATIONS	-	350	350
52223	OPR-LICENSE & TRAINING	-	3,250	3,250
52224	OPR-TRAVEL & MEETINGS	-	1,950	1,950
	Total Professional Services and Fees	-	82,250	82,250
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	-	2,600	2,600
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,800	8,125	6,325
52303	OPR-WIDE AREA NETWORK EXPENSE	-	1,950	1,950
52305	OPR-POSTAGE AND FREIGHT EXPENSE	-	195	195
52306	OPR-DATA & PHONE EXPENSE	1,500	3,900	2,400
52323	OPR-EMPLOYEE RELATIONS	-	1,950	1,950
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	-	4,550	4,550
	Total Office Expenses	3,300	23,270	19,970
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	-	42,921	42,921
52430	OPR-MISC EXPENSE	5,000	2,600	(2,400)
	Total Other Operating Expenses	5,000	45,521	40,521
	SUBTOTAL OF OPERATIONAL EXPENSES	57,922	2,181,378	2,123,456
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	-	9,750	9,750
53110	M&R-CONTROL SYSTEMS	-	6,500	6,500
	Total Maintenance and Repair Equipment	-	16,250	16,250
	Structures			
53201	M&R-BUILDING	-	3,250	3,250
53202	M&R-CLEARWELLS	-	3,250	3,250
53205	M&R-PUMPS AND MOTORS	-	4,875	4,875
53216	M&R-PUMPSTATIONS	-	4,875	4,875
53230	M&R-PIPELINES	-	9,750	9,750
53238	M&R-FILTERS	-	3,250	3,250
	Total Structures	-	29,250	29,250
	Other Maintenance & Repairs			
53301	M&R-ROADS	-	1,625	1,625

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
53302	M&R-WELLS	-	3,250	3,250
53310	M&R-GROUNDS/ROW	-	22,750	22,750
53320	M&R-PONDS AND LAGOONS	-	5,200	5,200
53325	M&R-GENERAL MAINTENANCE	-	3,250	3,250
	Total Other Maintenance & Repairs	<u>-</u>	<u>36,075</u>	<u>36,075</u>
	SUBTOTAL OF M&R EXPENSES	<u>-</u>	<u>81,575</u>	<u>81,575</u>
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	<u>10,114</u>	<u>141,088</u>	<u>130,974</u>
	Total Administrative & General	<u>10,114</u>	<u>141,088</u>	<u>130,974</u>
	Capital Outlay			
13217	AUTO & HEAVY EQUIPMENT	<u>-</u>	<u>195,000</u>	<u>195,000</u>
	Total Capital Outlay	<u>-</u>	<u>195,000</u>	<u>195,000</u>
	TOTAL OPERATING AND M&R EXPENSES	<u>68,035</u>	<u>2,599,041</u>	<u>2,531,006</u>
	Net Operating Income	<u>(68,035)</u>	<u>-</u>	<u>68,035</u>
	Net Change in Fund Balance	<u>(68,035)</u>	<u>-</u>	<u>68,035</u>

Alliance WTP - Capital Outlay Expense

Description	FY 2024
-------------	---------

Capital Outlay Funded From Current Revenues

Tractor with Implements	\$	160,000
Trailer for Tractor	\$	20,000
Zero Turn Mower	\$	15,000
Total Alliance WTP Capital Outlay Expense		\$ 195,000



(This page was intentionally left blank)



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.

-
- Service Provided: Water treatment
 - Location: Canyon Lake, TX
 - Startup Operation Date: 2006
 - Service Area: Comal & Kendall Co, TX
 - Capacity: 10 MGD
 - # of Current Employees: 19
 - Budgeted Operating Revenue: \$5,189,753

Western Canyon Division

Western Canyon Water Treatment Plant System

Operating Plan for Fiscal Year Ending 8/31/24

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, Texas Water Company (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 2024 is \$1.417 per thousand gallons.

CAPITAL ADDITIONS AND OPERATING EXPENSES

The principal operating expenditures budgeted for FY 2024 includes total power costs of \$1,400,000. 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 \$500,000, 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 \$250,000. Maintenance and repairs costs of \$572,500 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 2024 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. The change in fund balance for FY 2024 is expected to be \$16,100.

Staffing Summary

Western Canyon WTP	# of Authorized Positions (FTE)		
	2022	2023	2024
Western Canyon/RUD Wastewater Manager	1	1	---
Chief Operator	2	2	3
Electrical/Instrumentation Technician	1	1	---
Operators: Lead, Plant, Distribution	12	16	16
Total	16	20	19

Changes from FY 2022 to FY 2023

2-Operator positions were added for this division.

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

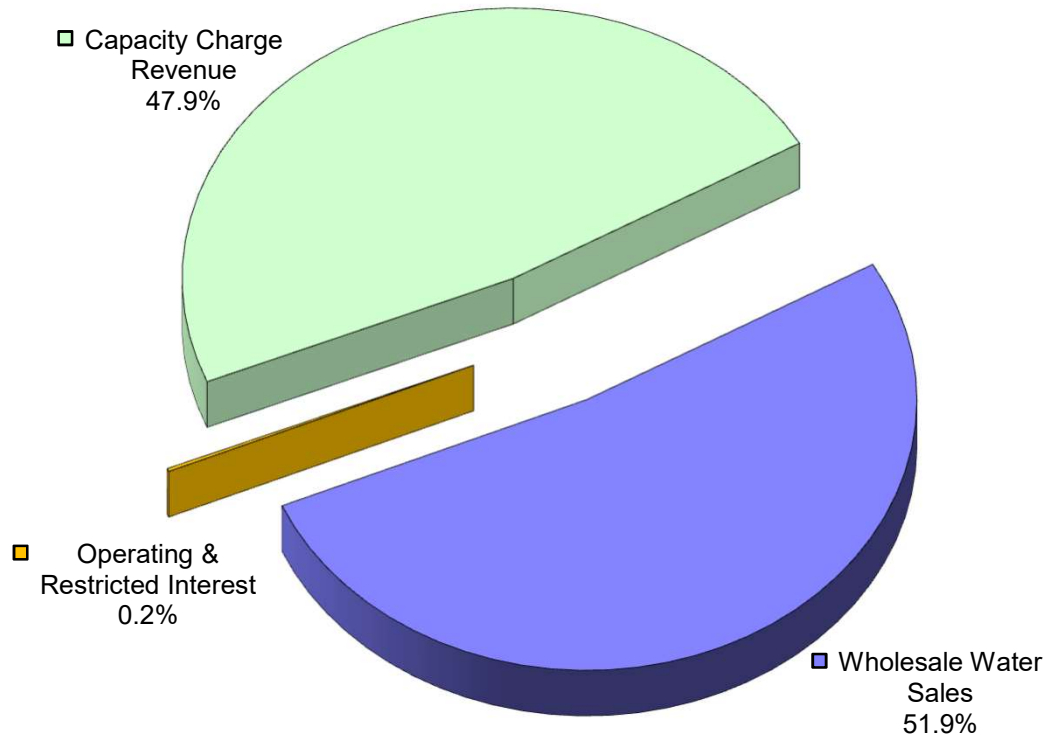
Changes from FY 2023 to FY 2024

1-Electrical/Instrumentation Technician was moved to 041-Water Sales.

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

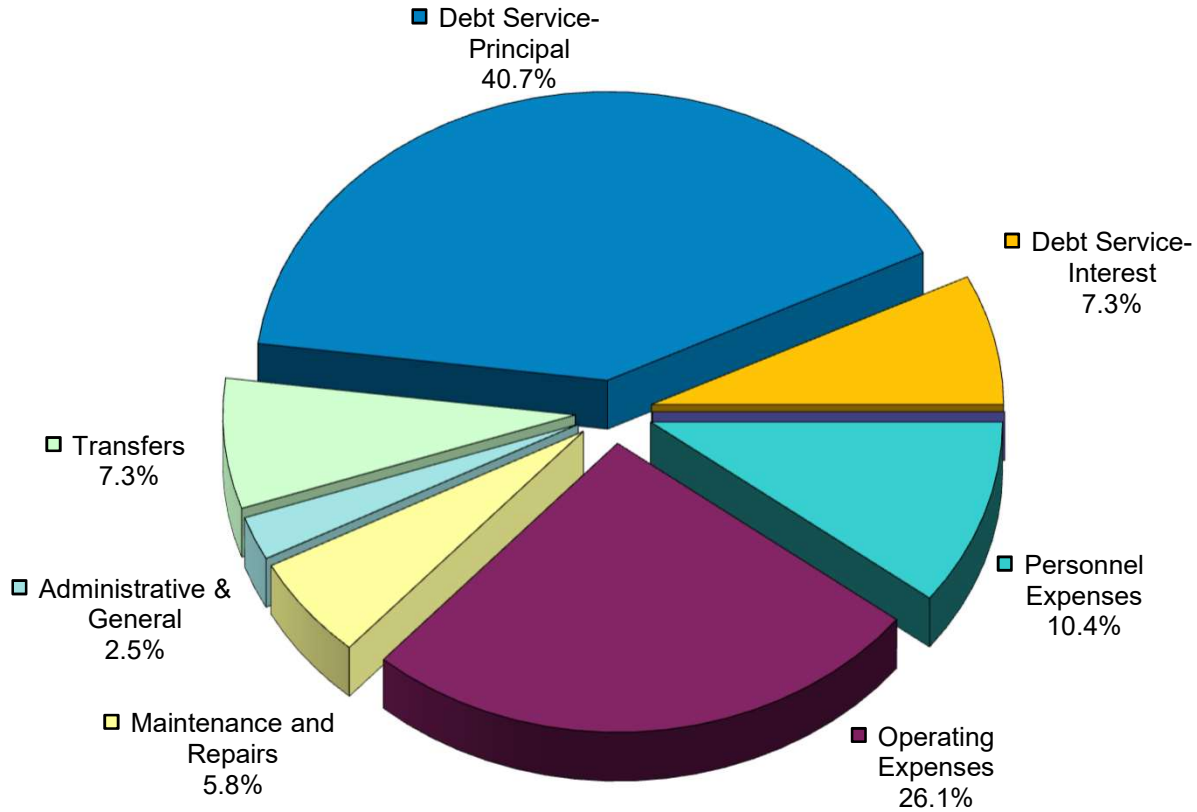
REVENUES - WESTERN CANYON WTP



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales	4,532,452	5,088,245	5,171,753
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest	34,813	9,000	18,000
Grant & Interlocal Agreement Income			
Miscellaneous Income	52,286		
Total Operating Revenue	4,619,551	5,097,245	5,189,753
Capacity Charge Revenue	4,660,096	5,248,658	4,771,507
I/F Loan Repayments from Operations			
Grand Total Revenues	9,279,647	10,345,903	9,961,260

Budget Summary

EXPENSES - WESTERN CANYON WTP



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	881,046	944,672	1,038,877
Operating Expenses	2,290,688	2,551,339	2,598,976
Maintenance and Repairs	302,979	355,000	572,500
Administrative & General	204,654	221,880	244,006
Capital Expense & Outlay			
Transfers		1,015,354	725,109
Total Operating and M&R Expenses	3,679,367	5,088,245	5,179,468
Debt Service-Principal	4,005,000	4,022,083	4,047,917
Debt Service-Interest	764,299	747,470	725,490
Debt Service-Bond Covenant Fund		476,955	
Grand Total Expenses	8,448,666	10,334,753	9,952,875

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

**050 - Western Canyon WTP
Department ***

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wholesale Water Treatment				
42230	WCANYON WTP O&M	5,088,245	5,171,753	83,508
	Total Wholesale Water Treatment	5,088,245	5,171,753	83,508
Operating Interest				
44110	INT-OPR INVESTMENT FUNDS	9,000	18,000	9,000
	Total Operating Interest	9,000	18,000	9,000
	Total Operating Revenue	5,097,245	5,189,753	92,508
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	543,560	620,336	76,776
51102	LBR-OVERTIME	128,804	119,078	(9,726)
	Total Salaries	672,364	739,414	67,050
Benefits				
51298	BEN-BENEFIT ALLOCATION	272,308	299,463	27,155
	Total Benefits	272,308	299,463	27,155
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	1,301,000	1,400,000	99,000
52102	OPR-AUXILIARY POWER EXPENSE	3,000	2,000	(1,000)
52103	OPR-CHEMICALS	375,000	500,000	125,000
52110	OPR-SMALL TOOLS AND SUPPLIES	13,000	13,000	-
52113	OPR-LAB SUPPLIES	8,500	10,000	1,500
52114	OPR-LABORATORY SERVICES-GBRA	4,000	4,000	-
52115	OPR-LABORATORY SERVICES-OUTSOURCED	1,000	1,000	-
52118	OPR-DISPOSAL SERVICES	225,000	250,000	25,000
52120	OPR-UNIFORMS/BUSINESS ATTIRE	6,000	6,000	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	8,500	8,500	-
52122	OPR-SECURITY EXPENSE	5,000	5,000	-

		FY 2023	FY 2024	FY 2024-2023
		BUDGET	BUDGET	DIFFERENCE
52123	OPR-EQUIPMENT RENTAL	4,600	5,164	564
52124	OPR-EQUIPMENT EXPENSE	5,000	5,000	-
52125	OPR-VEHICLE EXPENSE	30,000	30,000	-
52126	OPR-FLEET LEASE EXPENSE	19,233	12,948	(6,285)
52133	OPR-SCADA	45,700	94,200	48,500
52145	OPR-CONTRACT LABOR	10,000	10,000	-
	Total Operating Supplies & Services	2,064,533	2,356,812	292,279
	Professional Services and Fees			
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	215,000	70,000	(145,000)
52205	OPR-PROFESSIONAL SERVICES-OTHER	112,058	51,400	(60,658)
52216	OPR-REGULATORY FEES	300	300	-
52217	OPR-INSPECTION FEES	300	300	-
52223	OPR-LICENSE & TRAINING	7,000	7,000	-
52224	OPR-TRAVEL & MEETINGS	7,648	7,700	52
	Total Professional Services and Fees	342,306	136,700	(205,606)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	7,200	8,700	1,500
52302	OPR-COMPUTER & SOFTWARE EXPENSE	18,500	19,750	1,250
52303	OPR-WIDE AREA NETWORK EXPENSE	1,650	3,200	1,550
52305	OPR-POSTAGE AND FREIGHT EXPENSE	550	550	-
52306	OPR-DATA & PHONE EXPENSE	14,700	14,700	-
	Total Office Expenses	42,600	46,900	4,300
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	51,900	48,564	(3,336)
52430	OPR-MISC EXPENSE	50,000	10,000	(40,000)
	Total Other Operating Expenses	101,900	58,564	(43,336)
	SUBTOTAL OF OPERATIONAL EXPENSES	3,496,011	3,637,853	141,842
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	103,500	103,500	-
53110	M&R-CONTROL SYSTEMS	-	80,000	80,000
53115	M&R-METERS	4,000	10,000	6,000
	Total Maintenance and Repair Equipment	107,500	193,500	86,000
	Structures			
53201	M&R-BUILDING	26,000	15,000	(11,000)
53202	M&R-CLEARWELLS	2,000	2,000	-
53205	M&R-PUMPS AND MOTORS	-	50,000	50,000
53216	M&R-PUMPSTATIONS	145,000	235,000	90,000
53235	M&R-TRANSMISSION LINES	40,000	50,000	10,000
	Total Structures	213,000	352,000	139,000

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
	Other Maintenance & Repairs			
53301	M&R-ROADS	2,000	2,000	-
53310	M&R-GROUNDS/ROW	22,500	15,000	(7,500)
53320	M&R-PONDS AND LAGOONS	10,000	10,000	-
	Total Other Maintenance & Repairs	34,500	27,000	(7,500)
	SUBTOTAL OF M&R EXPENSES	355,000	572,500	217,500
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	221,880	244,006	22,126
	Total Administrative & General	221,880	244,006	22,126
	Transfers			
61505	TRANSFERS-DESIGNATED PROJECT FUND	1,015,354	725,109	(290,245)
	Total Transfers	1,015,354	725,109	(290,245)
	TOTAL OPERATING AND M&R EXPENSES	5,088,245	5,179,468	91,223
	Net Operating Income	9,000	10,285	1,285

DEBT SERVICE BUDGET

	Capacity Charge Revenue			
42680	DEBT SERV-2020 WCANYON COMB, BOERNE	749,808	809,452	59,644
42681	DEBT SERV-2020 WCANYON COMB, BREMER	9,373	8,521	(852)
42682	DEBT SERV-2020 WCANYON COMB, CLWSC-BULVERI	338,351	-	(338,351)
42683	DEBT SERV-2020 WCANYON COMB, COMAL TRACE	58,579	61,774	3,195
42684	DEBT SERV-2020 WCANYON COMB, COUSER	9,373	8,521	(852)
42685	DEBT SERV-2020 WCANYON COMB, FAIR OAKS	441,449	572,581	131,132
42686	DEBT SERV-2020 WCANYON COMB, GBRA CORDILLEI	281,178	369,366	88,188
42687	DEBT SERV-2020 WCANYON COMB, JOHNSON RANC	152,305	215,996	63,691
42688	DEBT SERV-2020 WCANYON COMB, KENDALL WEST	351,473	627,112	275,639
42689	DEBT SERV-2020 WCANYON COMB, MIRALOMAS	105,442	95,856	(9,586)
42690	DEBT SERV-2020 WCANYON COMB, SAWS	2,751,327	2,002,328	(748,999)
	Total Capacity Charge Revenue	5,248,658	4,771,507	(477,151)
	Total Debt Revenue	5,248,658	4,771,507	(477,151)
	Principal Payments Expense			
21212	BOND-2017 WCANYON AERATION BONDS	4,022,083	4,047,917	25,834

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
	Total Principal Payments Expense	4,022,083	4,047,917	25,834
	Interest Expense			
57208	INT-2020 WCANYON BONDS	747,470	725,490	(21,980)
	Total Interest Expense	747,470	725,490	(21,980)
	Transfers			
61550	TRANSFERS-RESTRICTED/BOND COVENANT FUND	476,955	-	(476,955)
	Total TRANSFERS-RESTRICTED/BOND COVENANT FUND	476,955	-	(476,955)
	Total Debt Expense	5,246,508	4,773,407	(473,101)
	Net Change in Debt Service Budget	2,150	(1,900)	(4,050)
	Net Change in Fund Balance	11,150	8,385	(2,765)



(This page was intentionally left blank)



4S Ranch WWSR

Phase 2 of the Plant is 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.

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: Bulverde, TX
 - Startup Operation Date: 2019
 - Service Area: Comal Co., TX
 - Capacity: 0.060 MGD
 - Budgeted Revenue: \$652,691

Western Canyon Division

Four S Ranch Wastewater Reclamation System

Operating Plan for Fiscal Year Ending 8/31/24

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 consists of a retail wastewater collection system and a wastewater treatment plant that the effluent from is reused within the community. 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 2024.

REVENUE SOURCES AND TRENDS

Ten operators will divide their time between the Cordillera Ranch, Johnson Ranch, Lomas Comal Trace, 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 Chief Operator 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 2024 service revenue for the Four S Ranch Wastewater System is \$652,691 which is \$90,743 or 16.1% more than FY 2023.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

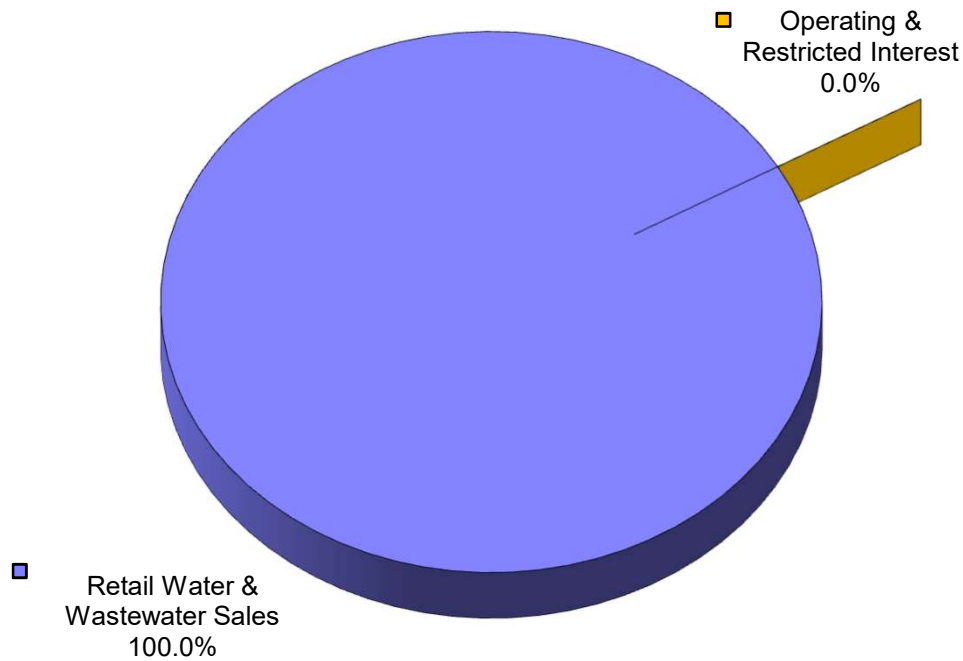
The combined capital additions and operating expenditure budget for FY 2024 amounts to \$652,691. Other than personnel costs, significant operating and maintenance expenses for FY 2024 include \$35,000 for power and utilities, \$32,000 for laboratory services and supplies, \$50,000 for biosolids disposal services, \$48,330 for rental of a hydro jetter, line video camera, and a mobile press, and \$80,000 for chemicals. Maintenance and repair costs incorporated into the budget total \$25,000 which covers routine maintenance to pumps, motors, and general maintenance of the facility equipment.

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

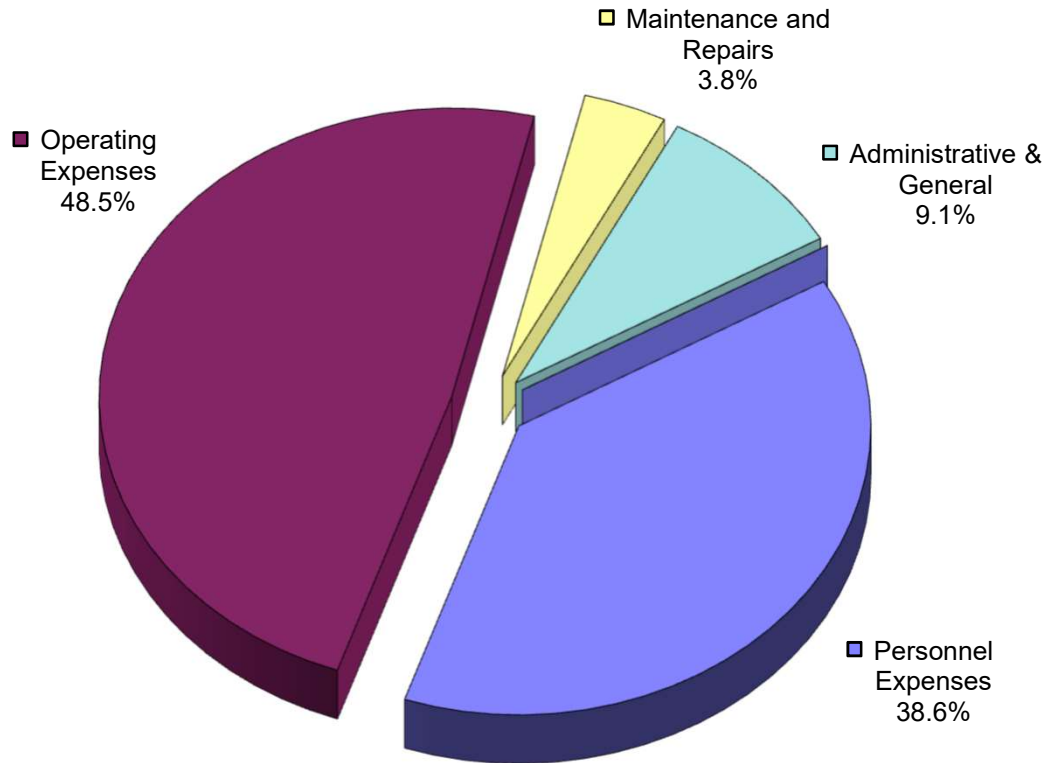
REVENUES - 4S RANCH WWRS



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	551,026	558,948	648,191
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	4,188	3,000	4,500
Total Operating Revenue	555,214	561,948	652,691
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	555,214	561,948	652,691

Budget Summary

EXPENSES - 4S RANCH WWRS



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	186,726	241,573	251,846
Operating Expenses	311,102	249,636	316,692
Maintenance and Repairs	13,529	14,000	25,000
Administrative & General	43,857	56,739	59,153
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	555,214	561,948	652,691
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	555,214	561,948	652,691

Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024

051 - 4S Ranch WWRS
Department *

		FY 2023	FY 2024	FY 2024-2023
		BUDGET	BUDGET	DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	675,000	622,350	(52,650)
42402	SEWER CONNECTION/INSP FEES	165,000	82,500	(82,500)
42405	TRANSFER FEES	10,500	11,000	500
42450	CHARGES TO DEVELOPERS	(291,552)	(67,659)	223,893
	Total Retail Wastewater	558,948	648,191	89,243
Misc Income				
45195	MISCELLANEOUS REVENUES	3,000	4,500	1,500
	Total Misc Income	3,000	4,500	1,500
	Total Operating Revenue	561,948	652,691	90,743
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	141,976	150,637	8,661
51102	LBR-OVERTIME	29,962	28,613	(1,349)
	Total Salaries	171,938	179,250	7,312
Benefits				
51298	BEN-BENEFIT ALLOCATION	69,635	72,596	2,961
	Total Benefits	69,635	72,596	2,961
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	30,000	35,000	5,000
52102	OPR-AUXILIARY POWER EXPENSE	4,500	5,000	500
52103	OPR-CHEMICALS	75,000	80,000	5,000
52110	OPR-SMALL TOOLS AND SUPPLIES	3,000	5,000	2,000
52113	OPR-LAB SUPPLIES	6,000	7,000	1,000
52114	OPR-LABORATORY SERVICES-GBRA	25,000	25,000	-
52118	OPR-DISPOSAL SERVICES	50,000	50,000	-
52120	OPR-UNIFORMS	1,000	1,000	-

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
52121	OPR-SAFETY & EMERGENCY EXPENSE	3,500	3,500	-
52123	OPR-EQUIPMENT RENTAL	11,810	48,330	36,520
52125	OPR-VEHICLE EXPENSE	4,000	2,500	(1,500)
52126	OPR-FLEET LEASE EXPENSE	5,326	14,694	9,368
52133	OPR-SCADA	1,700	1,700	-
	Total Operating Supplies & Services	220,836	278,724	57,888
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	-	2,500	2,500
52216	OPR-REGULATORY FEES	-	1,500	1,500
52217	OPR-INSPECTION FEES	1,500	-	(1,500)
52220	OPR-BANK FEES	250	250	-
52222	OPR-MEMBERSHIPS & PUBLICATIONS	500	-	(500)
52223	OPR-LICENSE & TRAINING	3,000	3,000	-
52224	OPR-TRAVEL & MEETINGS	12,000	10,000	(2,000)
	Total Professional Services and Fees	17,250	17,250	-
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	1,000	1,000	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	2,600	8,291	5,691
52303	OPR-WIDE AREA NETWORK EXPENSE	1,650	3,200	1,550
52305	OPR-POSTAGE AND FREIGHT EXPENSE	1,000	1,500	500
52306	OPR-DATA & PHONE EXPENSE	1,200	1,500	300
	Total Office Expenses	7,450	15,491	8,041
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	3,100	4,227	1,127
52430	OPR-MISC EXPENSE	1,000	1,000	-
	Total Other Operating Expenses	4,100	5,227	1,127
	SUBTOTAL OF OPERATIONAL EXPENSES	491,209	568,538	77,329
	Structures			
53205	M&R-PUMPS AND MOTORS	2,000	5,000	3,000
	Total Structures	2,000	5,000	3,000
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	12,000	20,000	8,000
	Total Other Maintenance & Repairs	12,000	20,000	8,000
	SUBTOTAL OF M&R EXPENSES	14,000	25,000	11,000
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	56,739	59,153	2,414
	Total Administrative & General	56,739	59,153	2,414

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
TOTAL OPERATING AND M&R EXPENSES	<u>561,948</u>	<u>652,691</u>	<u>90,743</u>
Net Operating Income	<u>-</u>	<u>-</u>	<u>-</u>
Net Change in Fund Balance	<u>-</u>	<u>-</u>	<u>-</u>



(This page was intentionally left blank)



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: \$1,461,250

Western Canyon Division

Cordillera Ranch Water Distribution System

Operating Plan for Fiscal Year Ending 8/31/24

BACKGROUND

GBRA's Western Canyon Division is responsible for operating the Cordillera Ranch Subdivision retail water system. The Cordillera Ranch Retail Water System supplies potable drinking water to the Cordillera Ranch Subdivision in Bergheim, TX. It also supplies water to the Boerne ISD – Voss Middle School.

Ten operators divide their time between the Cordillera Ranch, Johnson Ranch, Lomas Comal Trace, 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 Chief Operator provide supervision of the division.

In an effort to provide advanced training and maintain Texas Commission on Environmental Quality water 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 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 \$1,461,250 during FY 2024 which is a 5.6% decrease over FY 2023 budgeted due to the conversion of whole sale water rates to retail rates.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Significant operating expenses for the ensuing fiscal year, in addition to personnel costs, include \$35,000 for electric cost of operating the pump stations, \$4,500 for operating chemicals and \$90,000 for maintenance and repairs to various components of the system including meter replacements and well repairs.

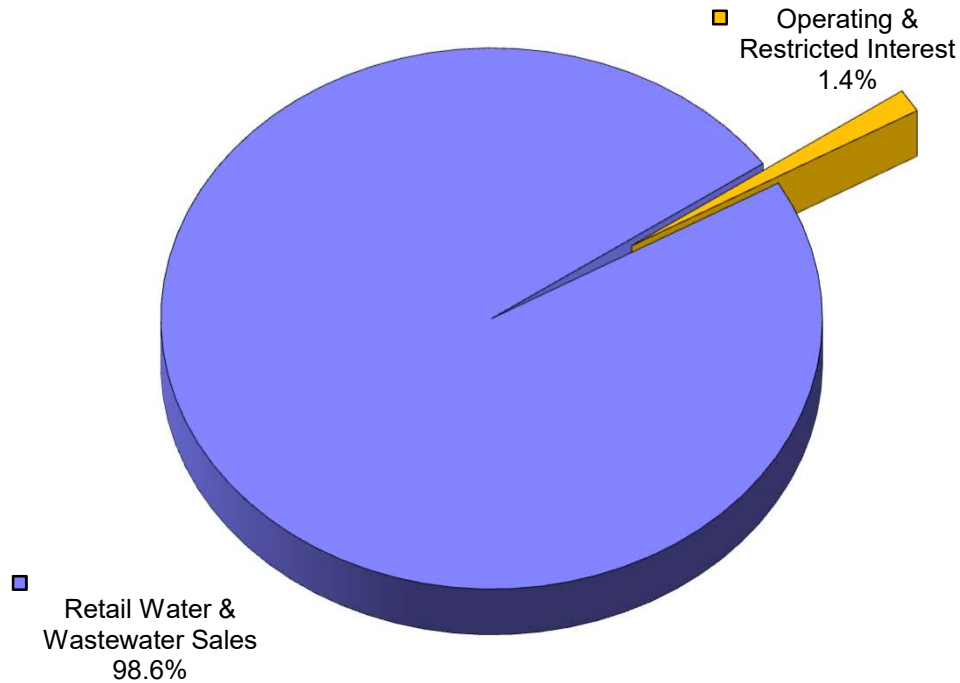
One additional area of significant cost is Water Purchases/Delivery totaling \$850,000. This cost is for the purchase, treatment, storage, and transmission of water from the Western Canyon Regional Water Supply to the Cordillera Water System.

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 \$162,856 and thus an increase in fund balance of that same amount is anticipated.

Budget Summary

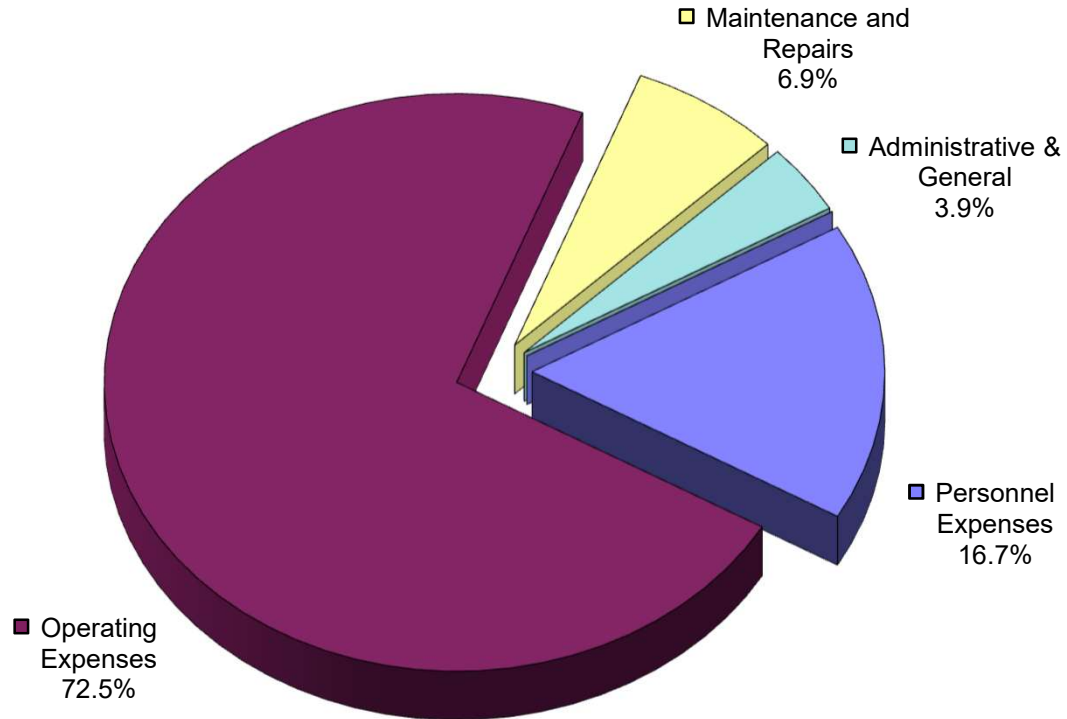
REVENUES - CORDILLERA WDS



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	1,374,390	1,541,687	1,441,250
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest	12,128	6,000	20,000
Grant & Interlocal Agreement Income			
Miscellaneous Income	3,867		
Total Operating Revenue	1,390,385	1,547,687	1,461,250
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	1,390,385	1,547,687	1,461,250

Budget Summary

EXPENSES - CORDILLERA WDS



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	115,203	142,331	216,555
Operating Expenses	872,161	759,567	940,975
Maintenance and Repairs	62,389	80,000	90,000
Administrative & General	27,058	33,430	50,864
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	1,076,811	1,015,328	1,298,394
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	1,076,811	1,015,328	1,298,394

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

**052 - Cordillera WDS
Department ***

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Water Sales				
42301	WATER SALES	1,314,000	1,400,000	86,000
42302	WHOLESALE WATER SALES	178,187	-	(178,187)
42310	WATER CONNECTION FEES	49,500	41,250	(8,250)
	Total Retail Water Sales	1,541,687	1,441,250	(100,437)
Operating Interest				
44110	INT-OPR INVESTMENT FUNDS	6,000	20,000	14,000
	Total Operating Interest	6,000	20,000	14,000
	Total Operating Revenue	1,547,687	1,461,250	(86,437)
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	85,403	135,841	50,438
51102	LBR-OVERTIME	15,900	18,291	2,391
	Total Salaries	101,303	154,132	52,829
Benefits				
51298	BEN-BENEFIT ALLOCATION	41,028	62,423	21,395
	Total Benefits	41,028	62,423	21,395
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	35,000	35,000	-
52102	OPR-AUXILIARY POWER EXPENSE	1,000	3,500	2,500
52103	OPR-CHEMICALS	4,521	4,500	(21)
52110	OPR-SMALL TOOLS AND SUPPLIES	2,500	5,000	2,500
52113	OPR-LAB SUPPLIES	1,800	2,000	200
52114	OPR-LABORATORY SERVICES-GBRA	900	1,000	100
52115	OPR-LABORATORY SERVICES-OUTSOURCED	800	1,000	200
52120	OPR-UNIFORMS	1,500	1,000	(500)
52121	OPR-SAFETY & EMERGENCY EXPENSE	3,000	3,000	-

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
52125	OPR-VEHICLE EXPENSE	1,000	1,500	500
52126	OPR-FLEET LEASE EXPENSE	5,326	6,244	918
52133	OPR-SCADA	1,700	1,700	-
52150	OPR-WATER PURCHASES/DELIVERY	680,000	850,000	170,000
	Total Operating Supplies & Services	739,047	915,444	176,397
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	5,000	3,000	(2,000)
52216	OPR-REGULATORY FEES	-	1,250	1,250
52220	OPR-BANK FEES	120	-	(120)
52223	OPR-LICENSE & TRAINING	2,000	2,000	-
52224	OPR-TRAVEL & MEETINGS	2,000	2,000	-
	Total Professional Services and Fees	9,120	8,250	(870)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	1,000	1,000	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,650	4,424	2,774
52303	OPR-WIDE AREA NETWORK EXPENSE	1,650	3,200	1,550
52305	OPR-POSTAGE AND FREIGHT EXPENSE	1,200	1,600	400
52306	OPR-DATA & PHONE EXPENSE	2,200	-	(2,200)
	Total Office Expenses	7,700	10,224	2,524
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	3,700	7,057	3,357
	Total Other Operating Expenses	3,700	7,057	3,357
	SUBTOTAL OF OPERATIONAL EXPENSES	901,898	1,157,530	255,632
	Maintenance and Repair Equipment			
53115	M&R-METERS	35,000	35,000	-
	Total Maintenance and Repair Equipment	35,000	35,000	-
	Structures			
53205	M&R-PUMPS AND MOTORS	6,000	10,000	4,000
53230	M&R-PIPELINES	5,000	5,000	-
	Total Structures	11,000	15,000	4,000
	Other Maintenance & Repairs			
53302	M&R-WELLS	20,000	20,000	-
53325	M&R-GENERAL MAINTENANCE	14,000	20,000	6,000
	Total Other Maintenance & Repairs	34,000	40,000	6,000
	SUBTOTAL OF M&R EXPENSES	80,000	90,000	10,000
	Administrative & General			

		FY 2023	FY 2024	FY 2024-2023
		BUDGET	BUDGET	DIFFERENCE
54100	ADMINISTRATIVE & GENERAL	33,430	50,864	17,434
	Total Administrative & General	33,430	50,864	17,434
	TOTAL OPERATING AND M&R EXPENSES	1,015,328	1,298,394	283,066
	Net Operating Income	532,359	162,856	(369,503)
	Net Change in Fund Balance	532,359	162,856	(369,503)



(This page was intentionally left blank)



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 \$562,750 |
|---|--|

Western Canyon Division

Cordillera Ranch Wastewater Treatment System

Operating Plan for Fiscal Year Ending 8/31/24

BACKGROUND

GBRA's Western Canyon Division is responsible for operating and maintaining the Cordillera Ranch sewer system including grinder pumps at each residence, the collection system, an off-site lift station, and the wastewater treatment plant. The Wastewater Treatment Plant is currently under construction to expand the treatment capacity from current phase 1 of permit of 0.064 MGD to the final phase of 0.192 MGD. This project is to be completed by end of FY 2024.

Ten operators divide their time between the Cordillera Ranch, Johnson Ranch, Lomas Comal Trace, 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 Chief Operator 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 fees, monthly sewer service fees, and service calls. Total revenue projected for FY 2024 is \$562,750 which is a 2.5% decrease over the FY 2023 budget amount.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Significant operating expenses for the ensuing fiscal year, in addition to personnel costs, include \$34,000 power and utilities, \$17,000 for laboratory supplies and services, and \$150,000 for biosolids disposal costs. Also included is \$200,000 for repair or replace plant pumps and motors, and residential grinder pumps.

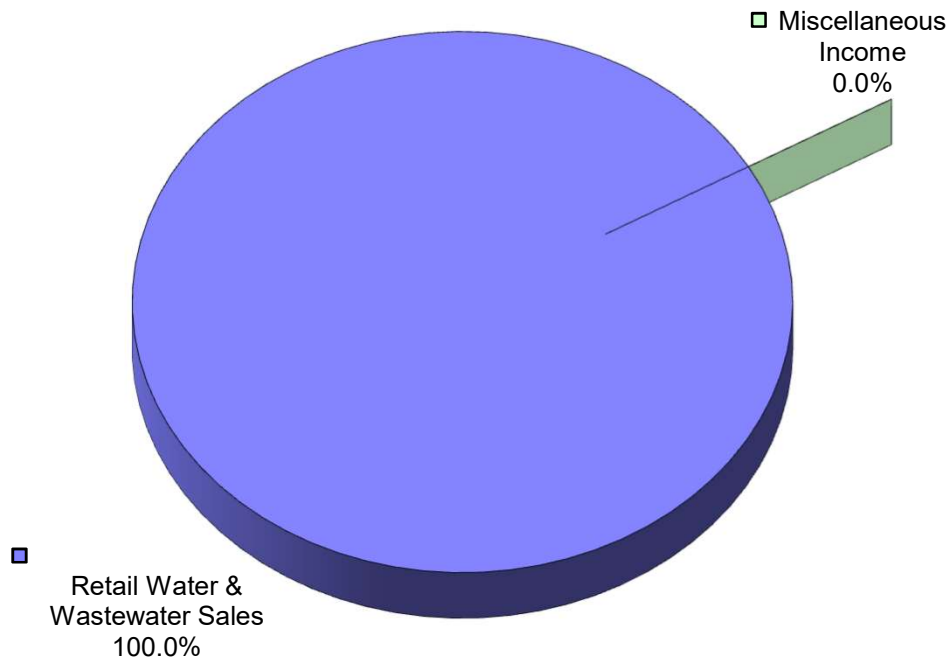
In order to meet public service needs through motivated employees, provide advanced training, and maintain and upgrade occupational licenses, personnel will attend courses provided by various approved sources such as Texas Engineering Extension Service and Texas Water Utility Association. Plant personnel 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 \$163,606.

Budget Summary

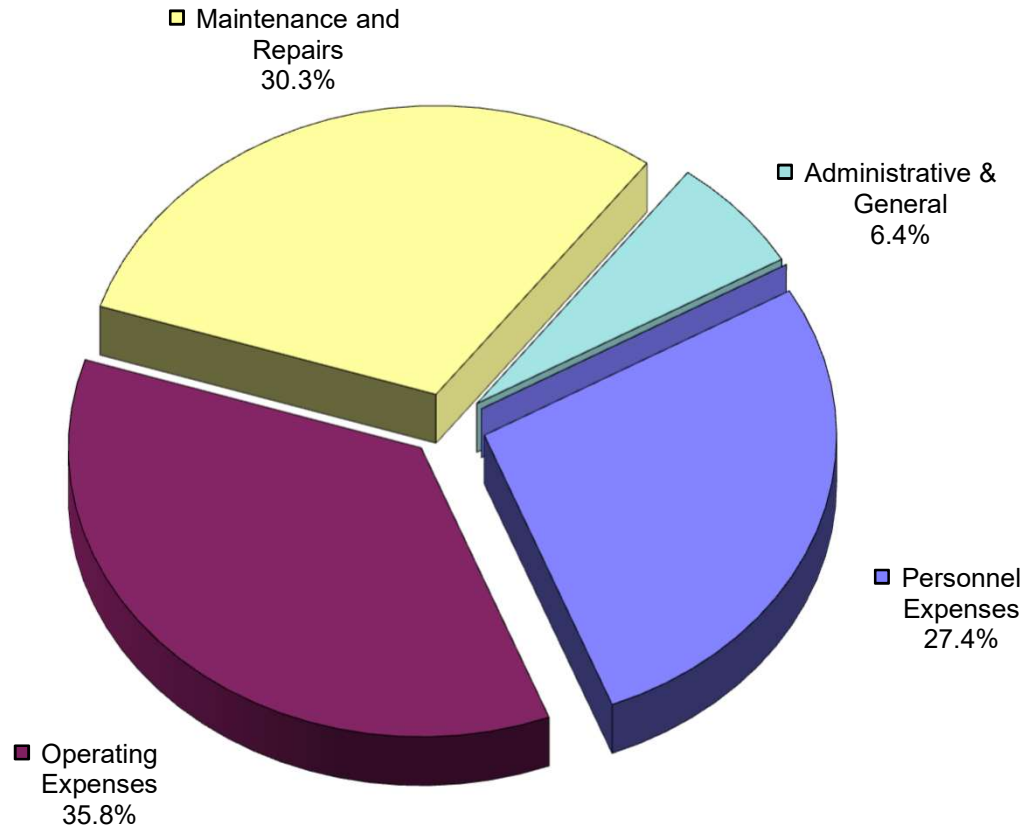
REVENUES - CORDILLERA WWTP



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	536,511	575,946	562,750
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	1,286	1,200	
Total Operating Revenue	537,797	577,146	562,750
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	537,797	577,146	562,750

Budget Summary

EXPENSES - CORDILLERA WWTP



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	160,198	197,296	199,212
Operating Expenses	448,638	287,510	260,354
Maintenance and Repairs	206,421	152,000	220,000
Administrative & General	37,627	46,340	46,790
Capital Expense & Outlay		25,000	
Transfers			
Total Operating and M&R Expenses	852,884	708,146	726,356
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	852,884	708,146	726,356

Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024

053 - Cordillera WWTP
Department *

		FY 2023	FY 2024	FY 2024-2023
		BUDGET	BUDGET	DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	409,346	390,000	(19,346)
42402	SEWER CONNECTION/INSP FEES	154,500	131,250	(23,250)
42404	SERVICE CALL INCOME	10,600	40,000	29,400
42405	TRANSFER FEES	1,500	1,500	-
	Total Retail Wastewater	575,946	562,750	(13,196)
Misc Income				
45195	MISCELLANEOUS REVENUES	1,200	-	(1,200)
	Total Misc Income	1,200	-	(1,200)
	Total Operating Revenue	577,146	562,750	(14,396)
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	117,200	124,696	7,496
51102	LBR-OVERTIME	23,224	17,092	(6,132)
	Total Salaries	140,424	141,788	1,364
Benefits				
51298	BEN-BENEFIT ALLOCATION	56,872	57,424	552
	Total Benefits	56,872	57,424	552
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	16,000	34,000	18,000
52102	OPR-AUXILIARY POWER EXPENSE	9,000	3,000	(6,000)
52103	OPR-CHEMICALS	5,000	7,000	2,000
52110	OPR-SMALL TOOLS AND SUPPLIES	2,000	2,000	-
52113	OPR-LAB SUPPLIES	4,000	4,000	-
52114	OPR-LABORATORY SERVICES-GBRA	13,000	13,000	-
52118	OPR-DISPOSAL SERVICES	200,000	150,000	(50,000)
52120	OPR-UNIFORMS	1,000	1,000	-

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
52121	OPR-SAFETY & EMERGENCY EXPENSE	800	800	-
52123	OPR-EQUIPMENT RENTAL	1,664	3,828	2,164
52125	OPR-VEHICLE EXPENSE	1,500	2,000	500
52126	OPR-FLEET LEASE EXPENSE	5,326	6,690	1,364
52133	OPR-SCADA	1,700	1,700	-
	Total Operating Supplies & Services	260,990	229,018	(31,972)
	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	120	-	(120)
52222	OPR-MEMBERSHIPS & PUBLICATIONS	300	-	(300)
52223	OPR-LICENSE & TRAINING	1,000	1,000	-
52224	OPR-TRAVEL & MEETINGS	1,500	1,500	-
	Total Professional Services and Fees	5,920	5,500	(420)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	500	500	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	3,150	5,445	2,295
52303	OPR-WIDE AREA NETWORK EXPENSE	1,650	3,200	1,550
52305	OPR-POSTAGE AND FREIGHT EXPENSE	1,200	1,500	300
52306	OPR-DATA & PHONE EXPENSE	8,400	7,500	(900)
	Total Office Expenses	14,900	18,145	3,245
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	4,700	6,691	1,991
52430	OPR-MISC EXPENSE	1,000	1,000	-
	Total Other Operating Expenses	5,700	7,691	1,991
	SUBTOTAL OF OPERATIONAL EXPENSES	484,806	459,566	(25,240)
	Structures			
53205	M&R-PUMPS AND MOTORS	140,000	200,000	60,000
	Total Structures	140,000	200,000	60,000
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	12,000	20,000	8,000
	Total Other Maintenance & Repairs	12,000	20,000	8,000
	SUBTOTAL OF M&R EXPENSES	152,000	220,000	68,000
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	46,340	46,790	450
	Total Administrative & General	46,340	46,790	450

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
	Capital Outlay			
13201	STRUCTURES & IMPROVEMENTS	25,000	-	(25,000)
	Total Capital Outlay	<u>25,000</u>	<u>-</u>	<u>(25,000)</u>
	TOTAL OPERATING AND M&R EXPENSES	<u>708,146</u>	<u>726,356</u>	<u>18,210</u>
	Net Operating Income	<u>(131,000)</u>	<u>(163,606)</u>	<u>(32,606)</u>
	Net Change in Fund Balance	<u>(131,000)</u>	<u>(163,606)</u>	<u>(32,606)</u>



(This page was intentionally left blank)



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 | • Capacity: 0.8 MGD |
| • Location: Bulverde, TX | • Budgeted Revenue: \$340,000 |
| • Startup Operation Date: 2006 | |
| • Service Area: Comal Co., TX | |

Western Canyon Division

Comal Trace Water Distribution System

Operating Plan for Fiscal Year Ending 8/31/24

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.

Ten operators divide their time between the Cordillera Ranch, Johnson Ranch, Lomas Comal Trace, 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 Chief Operator provide supervision of the division.

In an effort to provide advanced training and maintain Texas Commission on Environmental Quality water 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 fees for water service, tap fees and monthly water service fees. Water sales revenue is projected to be \$330,000 in FY 2024.

CAPITAL ADDITIONS AND OPERATING EXPENSES

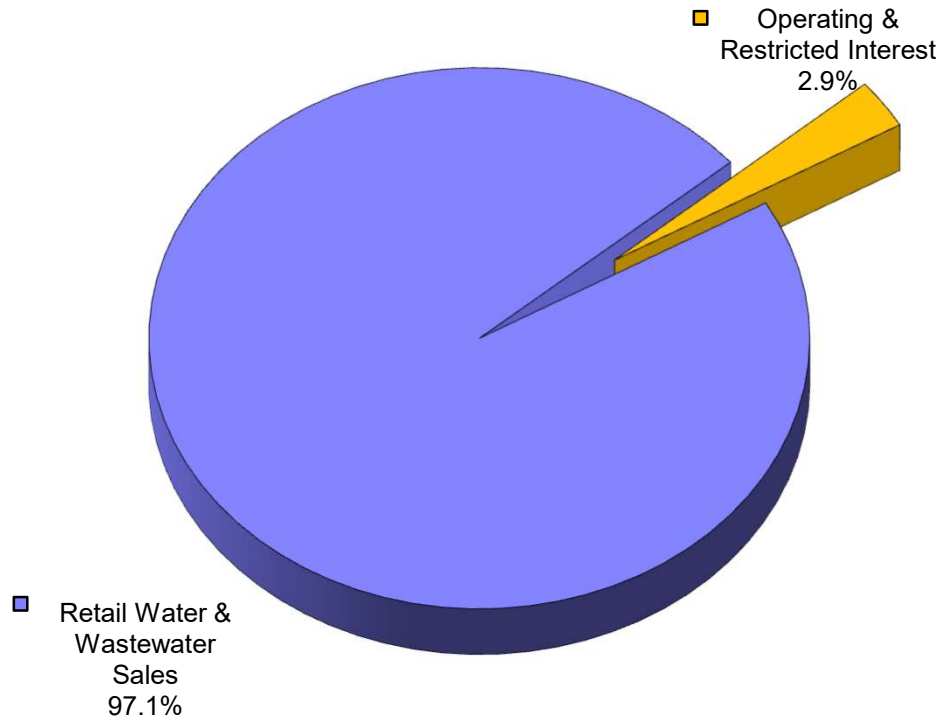
Operating expenses include \$120,000 for water purchases/delivery from the Western Canyon Regional Water Supply Project. This cost is for the purchase, treatment, storage, and transmission of water from the Western Canyon Regional Water Supply to the Comal Trace Water System. Additional significant costs include \$12,000 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. The effect of all the budgeted sources and uses of funds yields a budgeted deficit of \$57,750.

Budget Summary

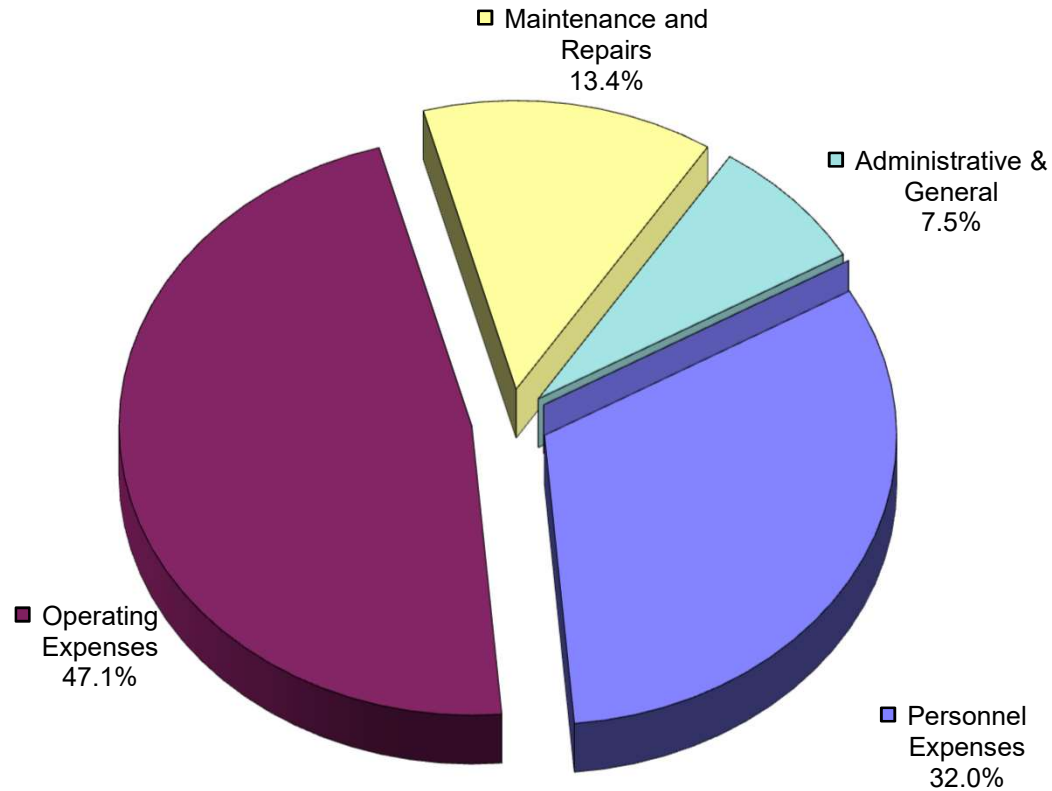
REVENUES - COMAL TRACE WDS



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	347,110	330,000	330,000
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest	6,509	1,000	10,000
Grant & Interlocal Agreement Income			
Miscellaneous Income	1,876		
Total Operating Revenue	355,495	331,000	340,000
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	355,495	331,000	340,000

Budget Summary

EXPENSES - COMAL TRACE WDS



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	75,138	84,297	121,766
Operating Expenses	192,333	161,516	179,384
Maintenance and Repairs	27,170	51,000	51,000
Administrative & General	17,648	19,799	28,600
Capital Expense & Outlay		36,000	
Transfers		(24,000)	17,000
Total Operating and M&R Expenses	312,289	328,612	397,750
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	312,289	328,612	397,750

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

**054 - Comal Trace WDS
Department ***

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Water Sales				
42301	WATER SALES	330,000	330,000	-
	Total Retail Water Sales	330,000	330,000	-
Operating Interest				
44110	INT-OPR INVESTMENT FUNDS	1,000	10,000	9,000
	Total Operating Interest	1,000	10,000	9,000
	Total Operating Revenue	331,000	340,000	9,000
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	53,008	77,670	24,662
51102	LBR-OVERTIME	6,990	8,996	2,006
	Total Salaries	59,998	86,666	26,668
Benefits				
51298	BEN-BENEFIT ALLOCATION	24,299	35,100	10,801
	Total Benefits	24,299	35,100	10,801
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	10,000	12,000	2,000
52102	OPR-AUXILIARY POWER EXPENSE	-	2,500	2,500
52103	OPR-CHEMICALS	700	1,200	500
52110	OPR-SMALL TOOLS AND SUPPLIES	2,000	2,200	200
52113	OPR-LAB SUPPLIES	1,200	1,320	120
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-SAFTY & EMERGENCY EXPENSE	2,000	2,000	-
52125	OPR-VEHICLE EXPENSE	2,000	2,000	-
52126	OPR-FLEET LEASE EXPENSE	5,326	11,570	6,244

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
52133	OPR-SCADA	1,700	2,400	700
52150	OPR-WATER PURCHASES/DELIVERY	120,000	120,000	-
	Total Operating Supplies & Services	147,926	160,190	12,264
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	1,500	1,500	-
52216	OPR-REGULATORY FEES	650	1,000	350
52220	OPR-BANK FEES	140	140	-
52223	OPR-LICENSE & TRAINING	1,800	1,800	-
	Total Professional Services and Fees	4,090	4,440	350
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	400	400	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,950	3,389	1,439
52303	OPR-WIDE AREA NETWORK EXPENSE	1,650	3,200	1,550
52305	OPR-POSTAGE AND FREIGHT EXPENSE	1,300	2,000	700
52306	OPR-DATA & PHONE EXPENSE	2,000	-	(2,000)
	Total Office Expenses	7,300	8,989	1,689
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	2,200	5,765	3,565
	Total Other Operating Expenses	2,200	5,765	3,565
	SUBTOTAL OF OPERATIONAL EXPENSES	245,813	301,150	55,337
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	2,000	-	(2,000)
53115	M&R-METERS	10,000	10,000	-
	Total Maintenance and Repair Equipment	12,000	10,000	(2,000)
	Structures			
53216	M&R-PUMPSTATIONS	2,000	2,000	-
53230	M&R-PIPELINES	2,000	4,000	2,000
	Total Structures	4,000	6,000	2,000
	Other Maintenance & Repairs			
53302	M&R-WELLS	15,000	15,000	-
53325	M&R-GENERAL MAINTENANCE	20,000	20,000	-
	Total Other Maintenance & Repairs	35,000	35,000	-
	SUBTOTAL OF M&R EXPENSES	51,000	51,000	-
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	19,799	28,600	8,801
	Total Administrative & General	19,799	28,600	8,801

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
	Capital Outlay			
13210	W-WHEELS, TURB & GENERATORS	<u>36,000</u>	<u>-</u>	<u>(36,000)</u>
	Total Capital Outlay	<u>36,000</u>	<u>-</u>	<u>(36,000)</u>
	Transfers			
61505	TRANSFERS-DESIGNATED PROJECT FUND	<u>(24,000)</u>	<u>17,000</u>	<u>41,000</u>
	Total Transfers	<u>(24,000)</u>	<u>17,000</u>	<u>41,000</u>
	TOTAL OPERATING AND M&R EXPENSES	<u>328,612</u>	<u>397,750</u>	<u>69,138</u>
	Net Operating Income	<u>2,388</u>	<u>(57,750)</u>	<u>(60,138)</u>
	Net Change in Fund Balance	<u>2,388</u>	<u>(57,750)</u>	<u>(60,138)</u>



(This page was intentionally left blank)



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: \$1,090,000 |
| • Startup Operation Date: 2009 | |
| • Service Area: Comal Co., TX | |

Western Canyon Division

Johnson Ranch Water Distribution System

Operating Plan for Fiscal Year Ending 8/31/24

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 and new commercial areas. As a result, increased water deliveries are expected.

Ten operators divide their time between the Cordillera Ranch, Johnson Ranch, Lomas Comal Trace, 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 Chief Operator provide supervision of the division.

In an effort to provide advanced training and maintain Texas Commission on Environmental Quality water 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 fees for water service, tap fees, and monthly water service fees. Revenues are projected to be \$1,090,000 during FY 2024 which is a \$226,000 or 26.2% increase from FY 2023 budget.

CAPITAL ADDITIONS AND OPERATING EXPENSES

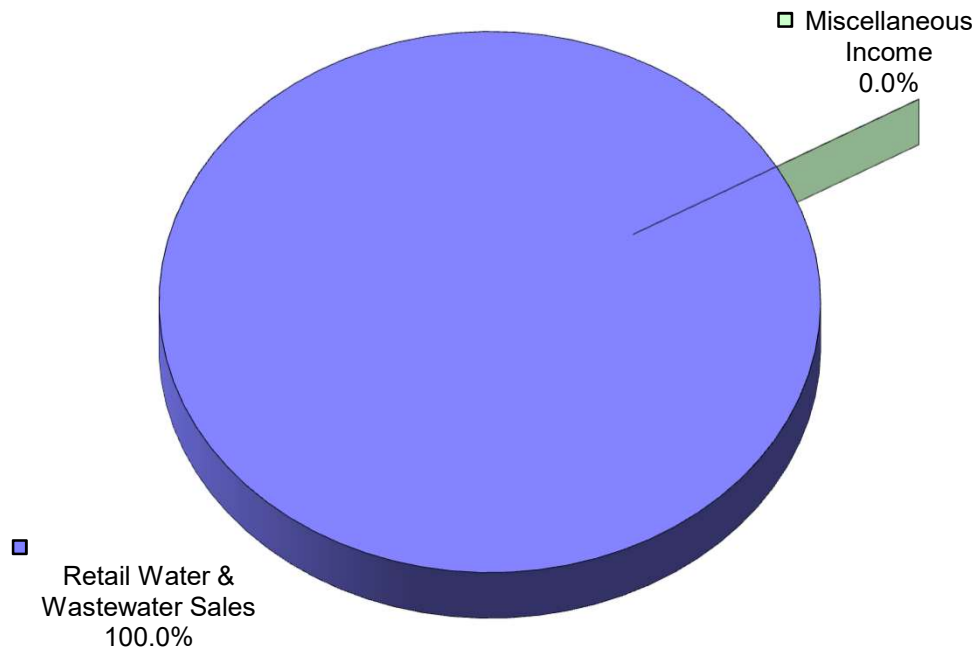
Operating expenses include \$600,000 for water purchases and delivery from the Western Canyon Regional Water Supply Project. This cost includes purchases, treatment, storage, and transmission of water to the Johnson Ranch Water Distribution System. Other substantive operating costs, in addition to personnel costs, include \$6,000 for power to operate the booster stations, \$4,500 to maintain emergency generators located on site, \$4,978 for the lease of a plant vehicle, \$6,700 for scada, \$6,636 for computer and software expense, and \$60,600 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 2024.

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 \$146,742.

Budget Summary

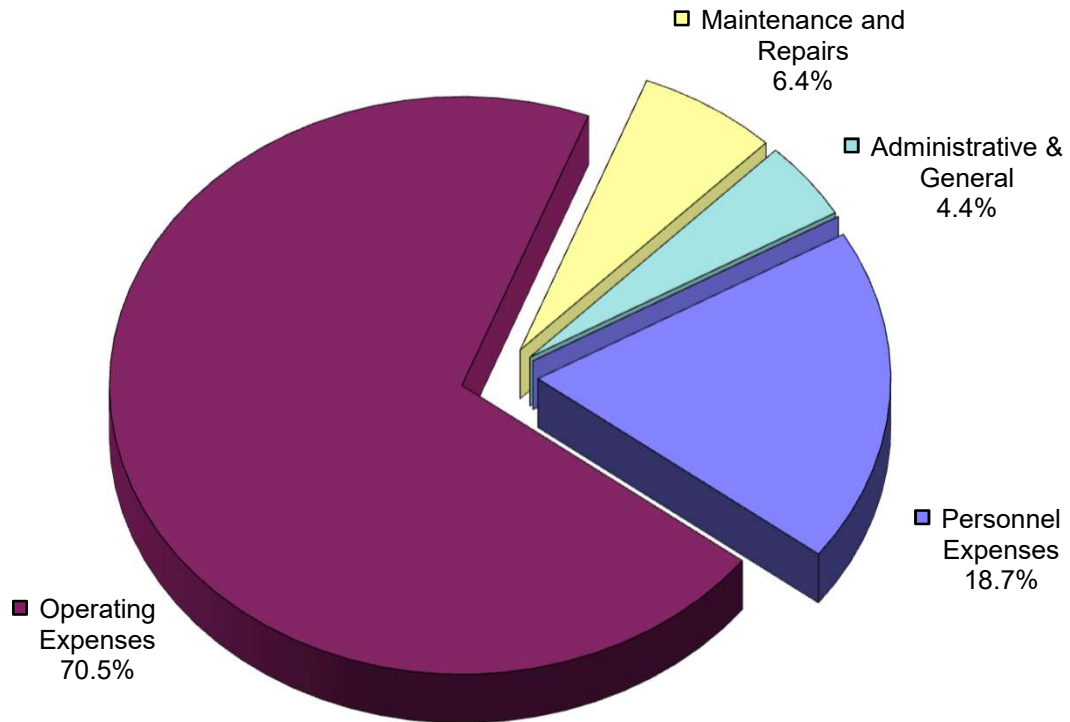
REVENUES - JOHNSON RANCH WDS



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	1,076,834	864,000	1,090,000
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest	5,415		
Grant & Interlocal Agreement Income	4,340		
Miscellaneous Income	12,277		
Total Operating Revenue	1,098,866	864,000	1,090,000
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	1,098,866	864,000	1,090,000

Budget Summary

EXPENSES - JOHNSON RANCH WDS



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	116,456	134,085	176,482
Operating Expenses	428,989	372,998	664,725
Maintenance and Repairs	38,570	49,400	60,600
Administrative & General	27,353	31,493	41,451
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	611,368	587,976	943,258
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	611,368	587,976	943,258

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

**055 - Johnson Ranch WDS
Department ***

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Water Sales				
42301	WATER SALES	800,000	1,050,000	250,000
42310	WATER CONNECTION FEES	60,000	36,000	(24,000)
42340	TRANSFER FEES	4,000	4,000	-
	Total Retail Water Sales	864,000	1,090,000	226,000
	Total Operating Revenue	864,000	1,090,000	226,000
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	80,639	110,419	29,780
51102	LBR-OVERTIME	14,795	15,191	396
	Total Salaries	95,434	125,610	30,176
Benefits				
51298	BEN-BENEFIT ALLOCATION	38,651	50,872	12,221
	Total Benefits	38,651	50,872	12,221
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	6,000	6,000	-
52102	OPR-AUXILIARY POWER EXPENSE	4,000	4,500	500
52103	OPR-CHEMICALS	1,500	2,500	1,000
52110	OPR-SMALL TOOLS AND SUPPLIES	2,000	2,400	400
52113	OPR-LAB SUPPLIES	1,800	1,800	-
52114	OPR-LABORATORY SERVICES-GBRA	1,000	1,000	-
52115	OPR-LABORATORY SERVICES-OUTSOURCED	500	500	-
52120	OPR-UNIFORMS/BUSINESS ATTIRE	1,500	1,500	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	2,500	2,500	-
52124	OPR-EQUIPMENT EXPENSE	2,000	2,000	-
52125	OPR-VEHICLE EXPENSE	5,000	2,000	(3,000)
52126	OPR-FLEET LEASE EXPENSE	4,978	4,978	-
52133	OPR-SCADA	1,700	6,700	5,000

		FY 2023	FY 2024	FY 2024-2023
		BUDGET	BUDGET	DIFFERENCE
52150	OPR-WATER PURCHASES/DELIVERY	320,000	600,000	280,000
	Total Operating Supplies & Services	354,478	638,378	283,900
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	1,000	1,200	200
52216	OPR-REGULATORY FEES	1,000	2,000	1,000
52220	OPR-BANK FEES	170	-	(170)
52223	OPR-LICENSE & TRAINING	2,500	2,500	-
52224	OPR-TRAVEL & MEETINGS	2,000	2,000	-
	Total Professional Services and Fees	6,670	7,700	1,030
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	600	600	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	2,600	6,636	4,036
52303	OPR-WIDE AREA NETWORK EXPENSE	1,650	4,850	3,200
52305	OPR-POSTAGE AND FREIGHT EXPENSE	1,600	2,500	900
52306	OPR-DATA & PHONE EXPENSE	3,000	-	(3,000)
	Total Office Expenses	9,450	14,586	5,136
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	2,400	4,061	1,661
	Total Other Operating Expenses	2,400	4,061	1,661
	SUBTOTAL OF OPERATIONAL EXPENSES	507,083	841,207	334,124
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	2,000	2,000	-
53115	M&R-METERS	25,000	27,500	2,500
	Total Maintenance and Repair Equipment	27,000	29,500	2,500
	Structures			
53216	M&R-PUMPSTATIONS	2,400	3,600	1,200
53230	M&R-PIPELINES	-	2,500	2,500
	Total Structures	2,400	6,100	3,700
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	20,000	25,000	5,000
	Total Other Maintenance & Repairs	20,000	25,000	5,000
	SUBTOTAL OF M&R EXPENSES	49,400	60,600	11,200
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	31,493	41,451	9,958
	Total Administrative & General	31,493	41,451	9,958

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
TOTAL OPERATING AND M&R EXPENSES	<u>587,976</u>	<u>943,258</u>	<u>355,282</u>
Net Operating Income	<u>276,024</u>	<u>146,742</u>	<u>(129,282)</u>
Net Change in Fund Balance	<u>276,024</u>	<u>146,742</u>	<u>(129,282)</u>



(This page was intentionally left blank)



Johnson Ranch WWTP

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. Prior to the construction of the Plant, GBRA engaged service providers to dispose of waste from the Johnson Ranch communities. 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: 2009 (Waste Disposal Only), 2015 WWTP | <ul style="list-style-type: none">• Service Area: Comal Co., TX• Capacity: 0.115 MGD• Budgeted Revenue: \$530,500 |
|--|---|

Western Canyon Division

Johnson Ranch Wastewater Treatment Plant System

Operating Plan for Fiscal Year Ending 8/31/24

BACKGROUND

The Johnson Ranch Wastewater Treatment Plant was started up in October 2015. Construction of new homes is expected to continue 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.

Ten operators divide their time between the Cordillera Ranch, Johnson Ranch, Lomas Comal Trace, 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 Chief Operator 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 will be obtained through connection fees for wastewater service, and monthly wastewater service fees. Revenues are projected to be \$530,500 during FY 2024 which is \$22,576 or 4.4% more than the FY 2023 service fee budget due primarily to growth in the number of connections.

CAPITAL ADDITIONS AND OPERATING EXPENSES

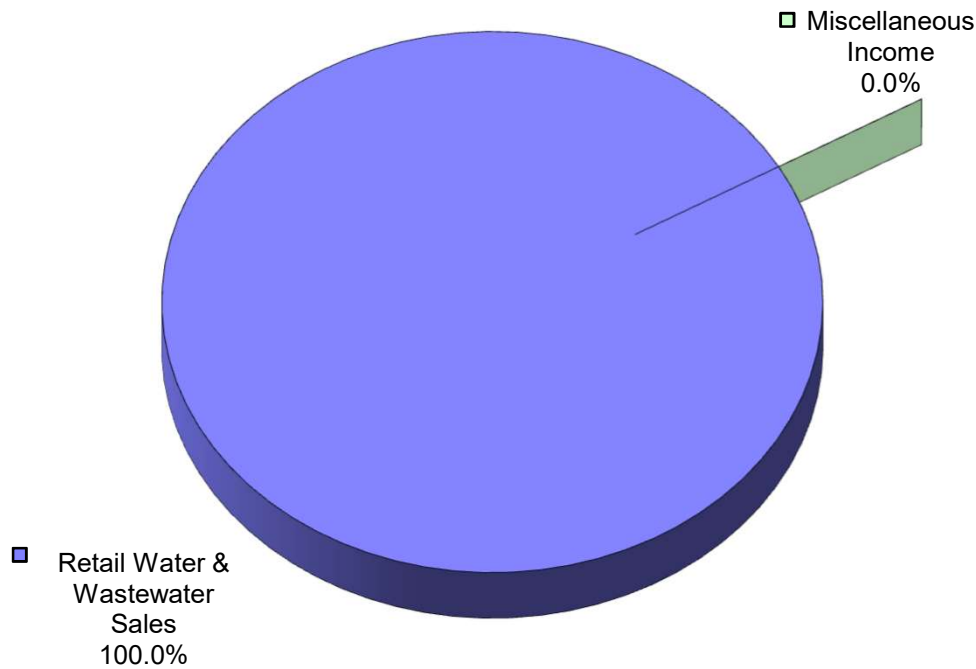
The principal operating expenses for FY 2024, in addition to personnel costs, include \$50,000 for chemicals, \$40,000 for lab supplies and services, \$50,000 for bio-solids disposal, and \$21,000 for rental of a hydro jetter, line video camera, and a mobile press. These costs represent the treatment and testing of the treated wastewater and removal of sludge from the plant. Maintenance and repair costs incorporated into the budget total \$32,000 which covers routine maintenance and repair to pumps and motors as well as system equipment and facilities. There is no capital outlay anticipated for FY 24.

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 \$8,217.

Budget Summary

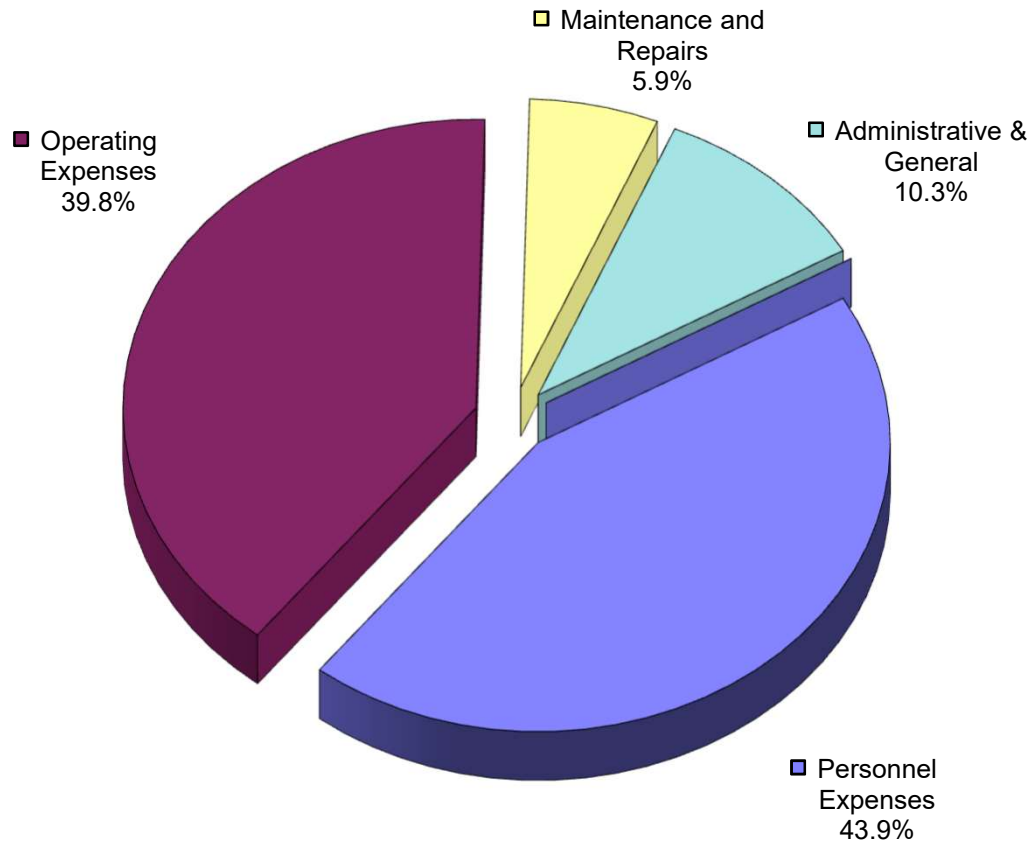
REVENUES - JOHNSON RANCH WWTP



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	517,918	502,924	530,500
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income	7,339		
Miscellaneous Income	6,327	5,000	
Total Operating Revenue	531,584	507,924	530,500
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	531,584	507,924	530,500

Budget Summary

EXPENSES - JOHNSON RANCH WWTP



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	202,105	209,376	236,752
Operating Expenses	470,258	268,930	214,358
Maintenance and Repairs	53,034	32,000	32,000
Administrative & General	47,469	49,177	55,607
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	772,866	559,483	538,717
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	772,866	559,483	538,717

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

**056 - Johnson Ranch WWTP
Department ***

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Retail Wastewater			
42401 WASTEWATER SERVICES	471,424	510,000	38,576
42402 SEWER CONNECTION/INSP FEES	27,500	16,500	(11,000)
42405 TRANSFER FEES	4,000	4,000	-
Total Retail Wastewater	502,924	530,500	27,576
Misc Income			
45195 MISCELLANEOUS REVENUES	5,000	-	(5,000)
Total Misc Income	5,000	-	(5,000)
Total Operating Revenue	507,924	530,500	22,576
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	123,648	144,886	21,238
51102 LBR-OVERTIME	25,374	23,621	(1,753)
Total Salaries	149,022	168,507	19,485
Benefits			
51298 BEN-BENEFIT ALLOCATION	60,354	68,245	7,891
Total Benefits	60,354	68,245	7,891
Operating Supplies & Services			
52102 OPR-AUXILIARY POWER EXPENSE	9,000	8,500	(500)
52103 OPR-CHEMICALS	70,000	50,000	(20,000)
52110 OPR-SMALL TOOLS AND SUPPLIES	2,500	3,000	500
52113 OPR-LAB SUPPLIES	11,000	10,000	(1,000)
52114 OPR-LABORATORY SERVICES-GBRA	28,000	30,000	2,000
52118 OPR-DISPOSAL SERVICES	100,000	50,000	(50,000)
52120 OPR-UNIFORMS	1,000	1,000	-
52121 OPR-SAFETY & EMERGENCY EXPENSE	2,000	2,000	-
52123 OPR-EQUIPMENT RENTAL	12,184	21,131	8,947

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
52125	OPR-VEHICLE EXPENSE	2,000	2,000	-
52126	OPR-FLEET LEASE EXPENSE	5,326	6,690	1,364
52133	OPR-SCADA	1,700	1,700	-
	Total Operating Supplies & Services	244,710	186,021	(58,689)
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	2,000	2,500	500
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	3,000	(2,000)
	Total Professional Services and Fees	9,470	7,500	(1,970)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	800	800	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	3,000	7,186	4,186
52303	OPR-WIDE AREA NETWORK EXPENSE	1,650	3,200	1,550
52305	OPR-POSTAGE AND FREIGHT EXPENSE	2,000	2,500	500
52306	OPR-DATA & PHONE EXPENSE	2,000	2,000	-
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	1,800	-	(1,800)
	Total Office Expenses	11,250	15,686	4,436
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	2,500	4,151	1,651
52430	OPR-MISC EXPENSE	1,000	1,000	-
	Total Other Operating Expenses	3,500	5,151	1,651
	SUBTOTAL OF OPERATIONAL EXPENSES	478,306	451,110	(27,196)
	Structures			
53205	M&R-PUMPS AND MOTORS	7,000	7,000	-
	Total Structures	7,000	7,000	-
	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	32,000	32,000	-
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	49,177	55,607	6,430
	Total Administrative & General	49,177	55,607	6,430
	TOTAL OPERATING AND M&R EXPENSES	559,483	538,717	(20,766)

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
Net Operating Income	<u>(51,559)</u>	<u>(8,217)</u>	<u>43,342</u>
Net Change in Fund Balance	<u>(51,559)</u>	<u>(8,217)</u>	<u>43,342</u>



(This page was intentionally left blank)



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: \$519,030 |

Western Canyon Division

Singing Hills Wastewater Treatment Plant System

Operating Plan for Fiscal Year Ending 8/31/24

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 common areas within the business development. 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.

Ten operators divide their time between the Cordillera Ranch, Johnson Ranch, Lomas Comal Trace, 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 Chief Operator 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

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 Texas Water Company (Canyon Lake Water Supply Corporation). The City makes monthly payments to GBRA in the amount of one-twelfth of the FY 2024 budgeted expenses. In total, revenue for FY 2024 is budgeted at \$519,030.

CAPITAL ADDITIONS AND OPERATING EXPENSES

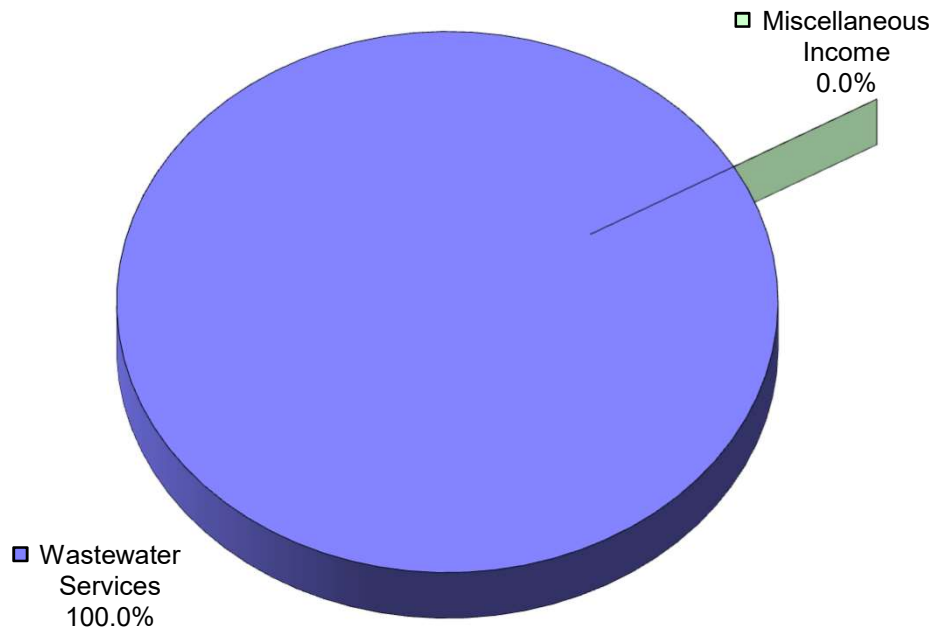
In addition to personnel costs, other significant operating costs include total chemical expenses at \$40,000, laboratory supplies and services at \$31,000, biosolids disposal at \$35,000, and billing services to Texas Water Company for \$24,000. Funds for maintenance and repair are budgeted at \$35,000. There are no capital purchases budgeted for FY 2024.

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

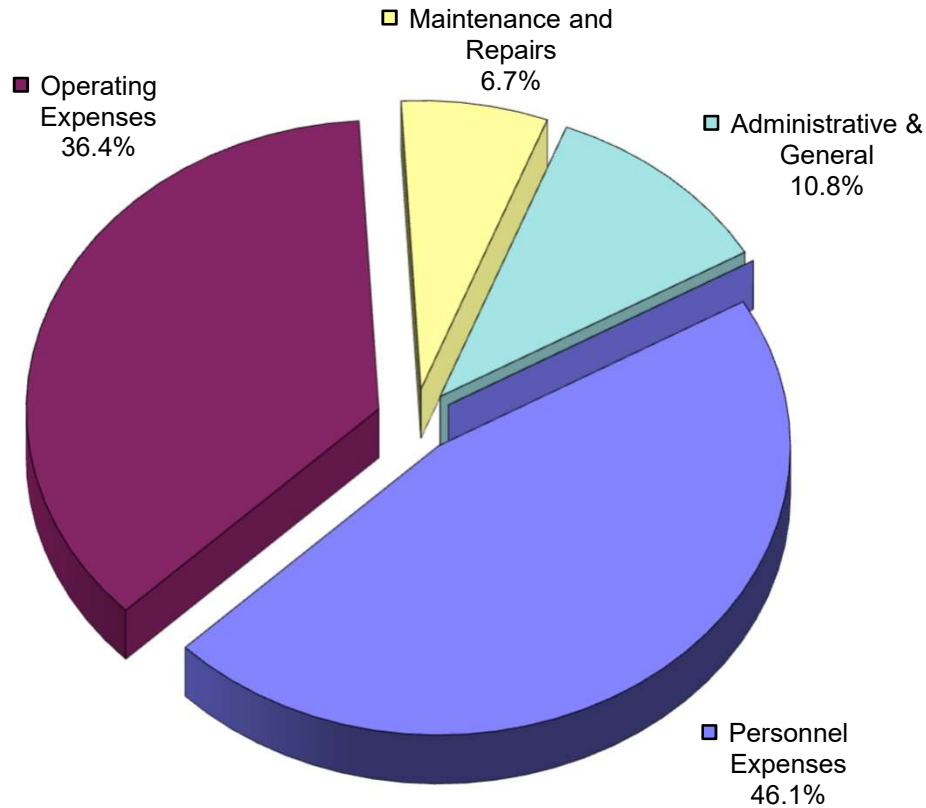
REVENUES -SINGING HILLS WWTP



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services	394,786	484,353	519,030
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income	7,251		
Miscellaneous Income			
Total Operating Revenue	402,037	484,353	519,030
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	402,037	484,353	519,030

Budget Summary

EXPENSES - SINGING HILLS WWTP



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	139,240	209,820	239,117
Operating Expenses	192,460	195,251	188,750
Maintenance and Repairs	37,634	30,000	35,000
Administrative & General	32,703	49,282	56,163
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	402,037	484,353	519,030
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	402,037	484,353	519,030

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

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

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wastewater Treatment				
41201	WW-OPR & MAINTENANCE	484,353	519,030	34,677
	Total Wastewater Treatment	484,353	519,030	34,677
	Total Operating Revenue	484,353	519,030	34,677
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	121,972	143,550	21,578
51102	LBR-OVERTIME	27,366	26,640	(726)
	Total Salaries	149,338	170,190	20,852
Benefits				
51298	BEN-BENEFIT ALLOCATION	60,482	68,927	8,445
	Total Benefits	60,482	68,927	8,445
Operating Supplies & Services				
52102	OPR-AUXILIARY POWER EXPENSE	8,500	7,500	(1,000)
52103	OPR-CHEMICALS	58,000	40,000	(18,000)
52110	OPR-SMALL TOOLS AND SUPPLIES	2,500	3,000	500
52113	OPR-LAB SUPPLIES	6,000	6,000	-
52114	OPR-LABORATORY SERVICES-GBRA	25,000	25,000	-
52118	OPR-DISPOSAL SERVICES	37,500	35,000	(2,500)
52120	OPR-UNIFORMS/BUSINESS ATTIRE	1,000	1,000	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	2,000	2,000	-
52123	OPR-EQUIPMENT RENTAL	3,327	9,819	6,492
52125	OPR-VEHICLE EXPENSE	2,500	2,500	-
52126	OPR-FLEET LEASE EXPENSE	5,924	5,924	-
52133	OPR-SCADA	1,700	5,700	4,000
	Total Operating Supplies & Services	153,951	143,443	(10,508)
Professional Services and Fees				

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
52205	OPR-PROFESSIONAL SERVICES-OTHER	3,500	4,000	500
52216	OPR-REGULATORY FEES	1,500	-	(1,500)
52219	OPR-CUSTOMER BILLING FEES	24,000	24,000	-
52222	OPR-MEMBERSHIPS & PUBLICATIONS	500	-	(500)
52223	OPR-LICENSE & TRAINING	2,500	2,500	-
52224	OPR-TRAVEL & MEETINGS	2,000	2,000	-
	Total Professional Services and Fees	34,000	32,500	(1,500)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	1,000	1,000	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	700	4,700	4,000
52306	OPR-DATA & PHONE EXPENSE	1,500	1,500	-
	Total Office Expenses	3,200	7,200	4,000
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	2,600	4,107	1,507
52430	OPR-MISC EXPENSE	1,500	1,500	-
	Total Other Operating Expenses	4,100	5,607	1,507
	SUBTOTAL OF OPERATIONAL EXPENSES	405,071	427,867	22,796
	Maintenance and Repair Equipment			
53110	M&R-CONTROL SYSTEMS	-	5,000	5,000
	Total Maintenance and Repair Equipment	-	5,000	5,000
	Structures			
53205	M&R-PUMPS AND MOTORS	10,000	10,000	-
	Total Structures	10,000	10,000	-
	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	30,000	35,000	5,000
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	49,282	56,163	6,881
	Total Administrative & General	49,282	56,163	6,881
	TOTAL OPERATING AND M&R EXPENSES	484,353	519,030	34,677
	Net Operating Income	-	-	-

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
Net Change in Fund Balance	-	-	-



(This page was intentionally left blank)



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: \$502,896 |

Western Canyon Division

Park Village Wastewater Reclamation System

Operating Plan for Fiscal Year Ending 8/31/24

BACKGROUND

GBRA is responsible for providing retail wastewater collection and treatment services for the Ventana subdivision. The Park Village Wastewater Treatment Facility started operation mid FY 2020. Residential construction will continue for the next several years with a anticipated final build out of around 900 homes.

Ten operators divide their time between the Cordillera Ranch, Johnson Ranch, Lomas Comal Trace, 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 Chief Operator 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 will be obtained through connection fees for wastewater service, monthly wastewater service fees and developer fees. Revenues are projected to be \$502,896 during FY 2024 which is \$72,238 or 16.8% more than the FY 2023 budget due primarily to growth in the number of connections.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

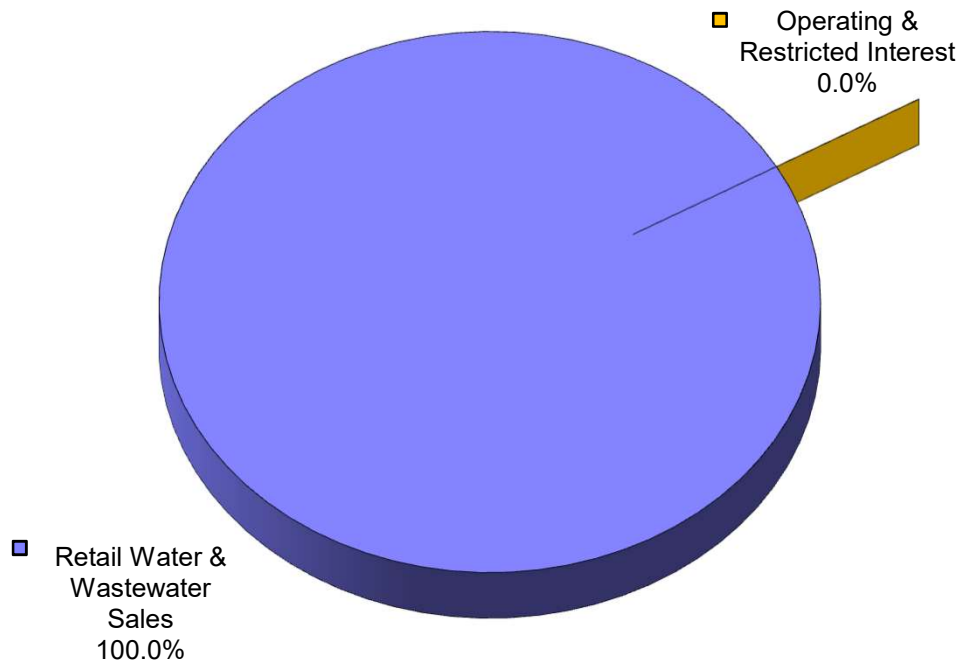
In addition to personnel costs, other significant operating costs include \$30,000 for power to operate the wastewater plant, \$45,000 for chemicals, \$25,000 for laboratory supplies and services, \$24,000 for biosolids disposal, and billing services to Texas Water Company (Canyon Lake Water Supply Corporation) for \$21,500. Funds for maintenance and repair are budgeted at \$25,000. 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

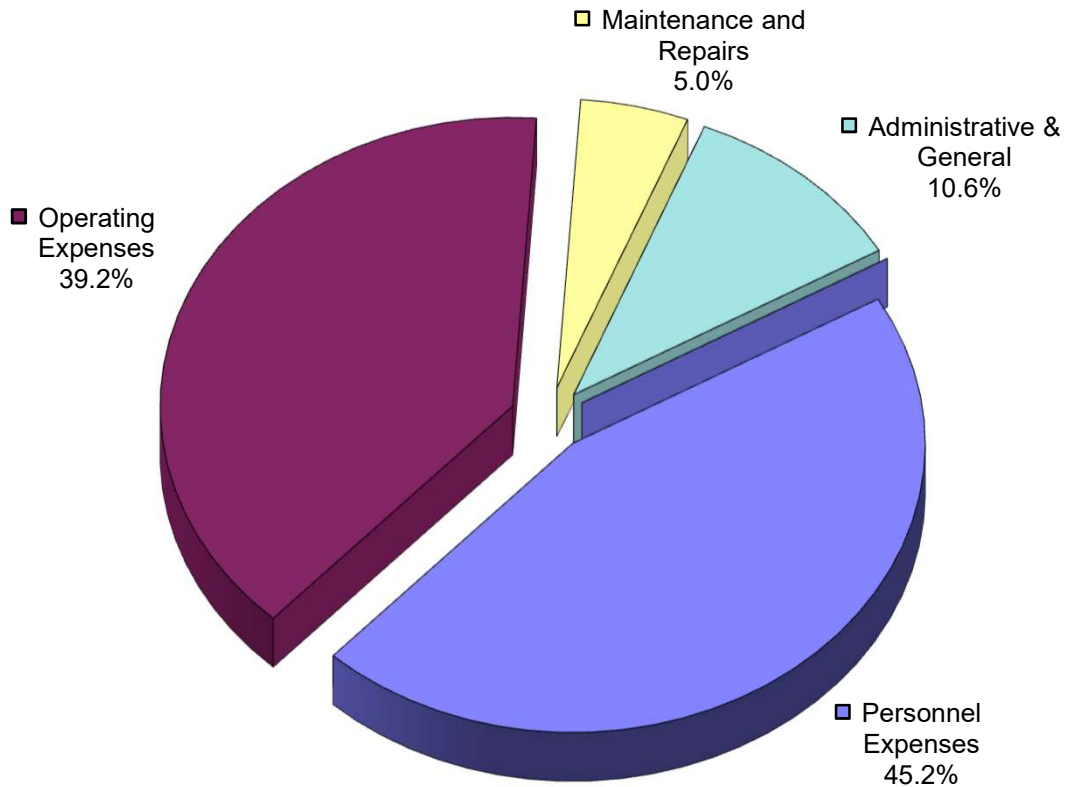
REVENUES -PARK VILLAGE WWRS



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	284,182	430,658	502,896
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income	2,056		
Miscellaneous Income			
Total Operating Revenue	286,238	430,658	502,896
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	286,238	430,658	502,896

Budget Summary

EXPENSES - PARK VILLAGE WWRS



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	114,470	198,060	227,359
Operating Expenses	124,642	169,579	197,136
Maintenance and Repairs	20,240	16,500	25,000
Administrative & General	26,886	46,519	53,401
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	286,238	430,658	502,896
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	286,238	430,658	502,896

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

**058 - Park Village WWRS
Department ***

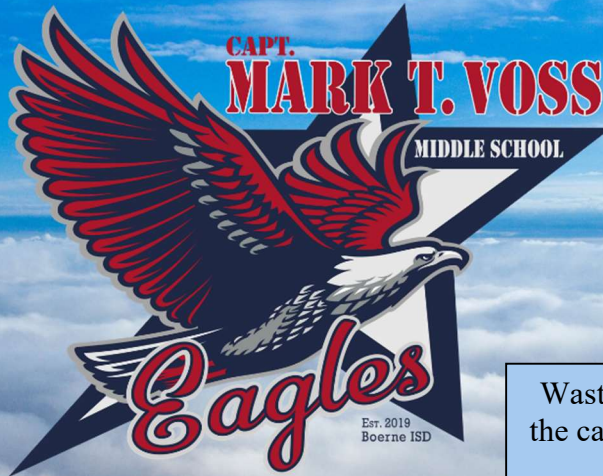
		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	205,200	246,600	41,400
42402	SEWER CONNECTION/INSP FEES	44,000	22,000	(22,000)
42405	TRANSFER FEES	2,200	2,000	(200)
42450	CHARGES TO DEVELOPERS	179,258	232,296	53,038
	Total Retail Wastewater	430,658	502,896	72,238
	Total Operating Revenue	430,658	502,896	72,238
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	115,834	137,430	21,596
51102	LBR-OVERTIME	25,134	24,391	(743)
	Total Salaries	140,968	161,821	20,853
Benefits				
51298	BEN-BENEFIT ALLOCATION	57,092	65,538	8,446
	Total Benefits	57,092	65,538	8,446
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	20,000	30,000	10,000
52102	OPR-AUXILIARY POWER EXPENSE	4,500	5,500	1,000
52103	OPR-CHEMICALS	40,000	45,000	5,000
52110	OPR-SMALL TOOLS AND SUPPLIES	2,500	2,500	-
52113	OPR-LAB SUPPLIES	5,500	5,000	(500)
52114	OPR-LABORATORY SERVICES-GBRA	20,000	20,000	-
52118	OPR-DISPOSAL SERVICES	24,000	24,000	-
52120	OPR-UNIFORMS/BUSINESS ATTIRE	1,000	1,000	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	2,000	2,000	-
52123	OPR-EQUIPMENT RENTAL	6,655	13,147	6,492
52125	OPR-VEHICLE EXPENSE	2,500	2,500	-
52126	OPR-FLEET LEASE EXPENSE	5,924	5,924	-

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
52133	OPR-SCADA	1,700	1,700	-
	Total Operating Supplies & Services	136,279	158,271	21,992
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	1,500	2,500	1,000
52219	OPR-CUSTOMER BILLING FEES	18,000	21,500	3,500
52222	OPR-MEMBERSHIPS & PUBLICATIONS	300	-	(300)
52223	OPR-LICENSE & TRAINING	2,000	2,000	-
52224	OPR-TRAVEL & MEETINGS	4,000	2,000	(2,000)
	Total Professional Services and Fees	25,800	28,000	2,200
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	600	600	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	650	750	100
52303	OPR-WIDE AREA NETWORK EXPENSE	1,650	3,200	1,550
52306	OPR-DATA & PHONE EXPENSE	1,500	1,200	(300)
	Total Office Expenses	4,400	5,750	1,350
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	2,100	4,115	2,015
52430	OPR-MISC EXPENSE	1,000	1,000	-
	Total Other Operating Expenses	3,100	5,115	2,015
	SUBTOTAL OF OPERATIONAL EXPENSES	367,639	424,495	56,856
	Structures			
53205	M&R-PUMPS AND MOTORS	2,500	5,000	2,500
	Total Structures	2,500	5,000	2,500
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	14,000	20,000	6,000
	Total Other Maintenance & Repairs	14,000	20,000	6,000
	SUBTOTAL OF M&R EXPENSES	16,500	25,000	8,500
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	46,519	53,401	6,882
	Total Administrative & General	46,519	53,401	6,882
	TOTAL OPERATING AND M&R EXPENSES	430,658	502,896	72,238
	Net Operating Income	-	-	-

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
Net Change in Fund Balance	-	-	-



(This page was intentionally left blank)



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 8/31/24

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. 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. 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.

Ten operators divide their time between the Cordillera Ranch, Johnson Ranch, Lomas Comal Trace, 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 Chief Operator 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

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 2024 budget year. Revenue is projected to be \$96,061 for FY 2024 which is \$12,722 or 15.3% more than FY 2023 budget.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The total operating expenditure budget for FY 2024 amounts to \$96,061.

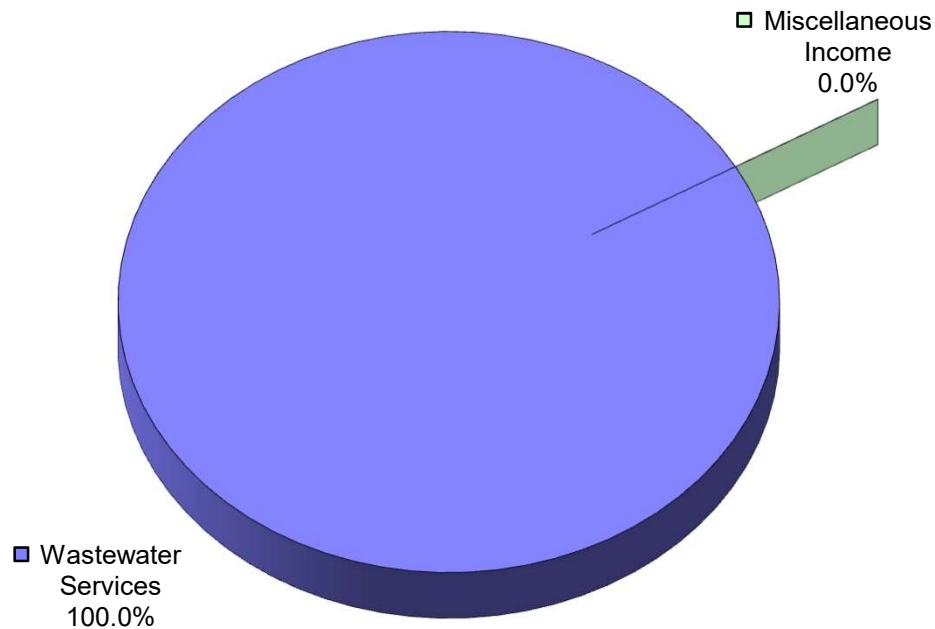
In addition to personnel costs, other significant operating and maintenance expenses are laboratory services and expenses at \$12,500 and disposal services at \$2,000. Utility expenses are paid directly by the school district. The budget also includes the standard administration and general percentage 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 2024 is \$0.

Budget Summary

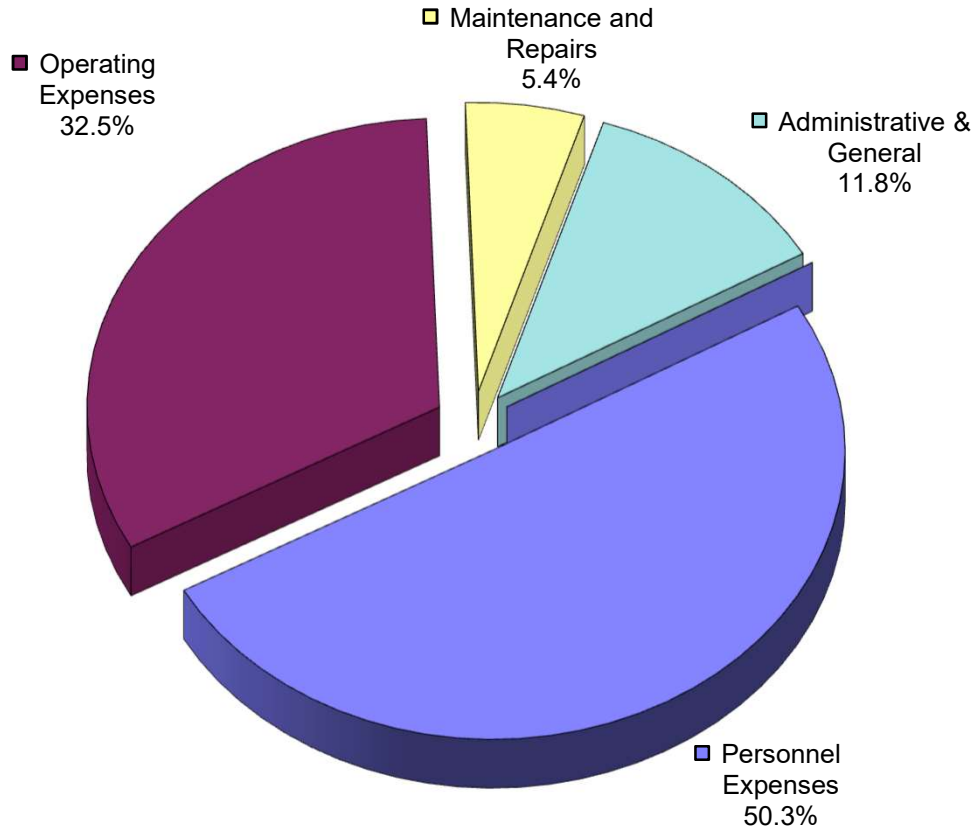
REVENUES -BOERNE ISD WWTP



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services	78,606	83,339	96,061
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	78,606	83,339	96,061
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	78,606	83,339	96,061

Budget Summary

EXPENSES - BOERNE ISD WWTP



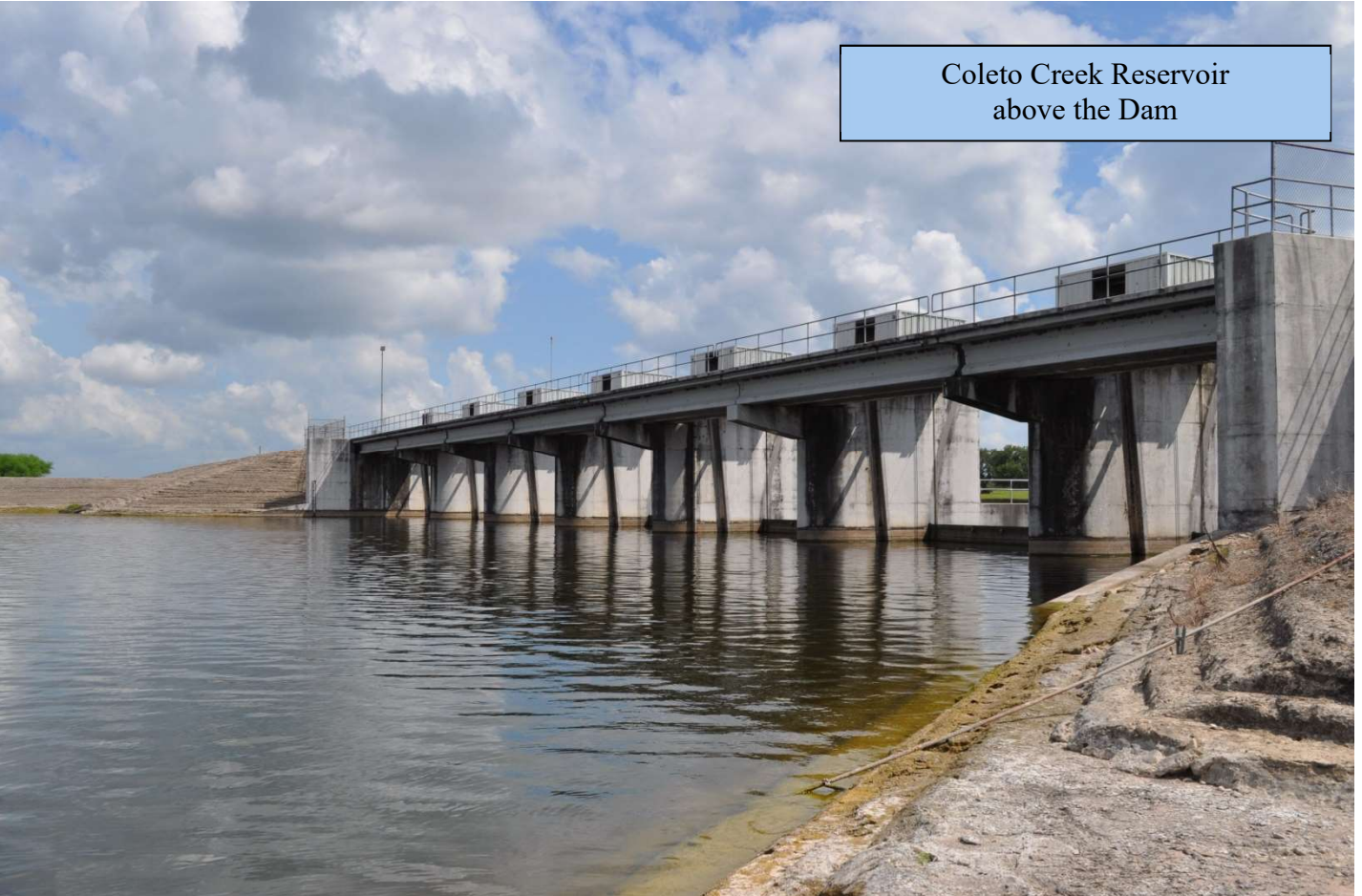
Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	32,821	31,776	46,142
Operating Expenses	24,864	34,800	29,781
Maintenance and Repairs	9,161	5,000	5,000
Administrative & General	7,709	7,463	10,838
Capital Expense & Outlay	2,723	4,300	4,300
Transfers			
Total Operating and M&R Expenses	77,278	83,339	96,061
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	77,278	83,339	96,061

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

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

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wastewater Treatment				
41201	WW-OPR & MAINTENANCE	83,339	96,061	12,722
	Total Wastewater Treatment	83,339	96,061	12,722
	Total Operating Revenue	83,339	96,061	12,722
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	17,853	27,474	9,621
51102	LBR-OVERTIME	4,763	5,367	604
	Total Salaries	22,616	32,841	10,225
Benefits				
51298	BEN-BENEFIT ALLOCATION	9,160	13,301	4,141
	Total Benefits	9,160	13,301	4,141
Operating Supplies & Services				
52103	OPR-CHEMICALS	2,000	2,200	200
52110	OPR-SMALL TOOLS AND SUPPLIES	1,000	1,000	-
52113	OPR-LAB SUPPLIES	1,500	1,500	-
52114	OPR-LABORATORY SERVICES-GBRA	12,000	11,000	(1,000)
52118	OPR-DISPOSAL SERVICES	8,000	2,000	(6,000)
52120	OPR-UNIFORMS/BUSINESS ATTIRE	1,000	1,000	-
52125	OPR-VEHICLE EXPENSE	3,000	2,000	(1,000)
52133	OPR-SCADA	500	1,000	500
	Total Operating Supplies & Services	29,000	21,700	(7,300)
Professional Services and Fees				
52205	OPR-PROFESSIONAL SERVICES-OTHER	1,500	1,500	-
52223	OPR-LICENSE & TRAINING	1,500	1,000	(500)
	Total Professional Services and Fees	3,000	2,500	(500)

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	500	500	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	200	200	-
52306	OPR-DATA & PHONE EXPENSE	800	800	-
	Total Office Expenses	1,500	1,500	-
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	1,300	4,081	2,781
	Total Other Operating Expenses	1,300	4,081	2,781
	SUBTOTAL OF OPERATIONAL EXPENSES	66,576	75,923	9,347
	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	7,463	10,838	3,375
	Total Administrative & General	7,463	10,838	3,375
	Capital Expenses			
55001	CUSTOMER-OWNED CAPITAL EXPENSE	4,300	4,300	-
	Total Capital Expenses	4,300	4,300	-
	TOTAL OPERATING AND M&R EXPENSES	83,339	96,061	12,722
	Net Operating Income	-	-	-
	Net Change in Fund Balance	-	-	-



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: \$946,054 |
| • Customer: Vistra Energy | |

Coletto Creek Division

Coletto Creek Reservoir System

Operating Plan for Fiscal Year Ending 8/31/24

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 2024. 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 \$946,054 compared to budgeted revenue of \$911,585 for FY 2023.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Significant operating expenses for the ensuing Fiscal Year include \$22,300 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 Walkover Inspection and \$2,500 for the annual Survey of Settlement Plate and Spillway Monuments.

Significant maintenance and repair expenses for the ensuing fiscal year include \$6,000 to upgrade scada system processers, \$10,000 for the purchase of hoist system connecting U-Bolts, \$16,000 for crane services to dewater two main spillgates, and \$15,000 to purchase replacement valves for the main spillway outlet works.

The total operating and maintenance expenditures budgeted are \$946,054.

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 2024 amounts to \$0.

Staffing Summary

Coletto Creek Reservoir	# of Authorized Positions (FTE)		
	2022	2023	2024
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 2022 to FY 2023

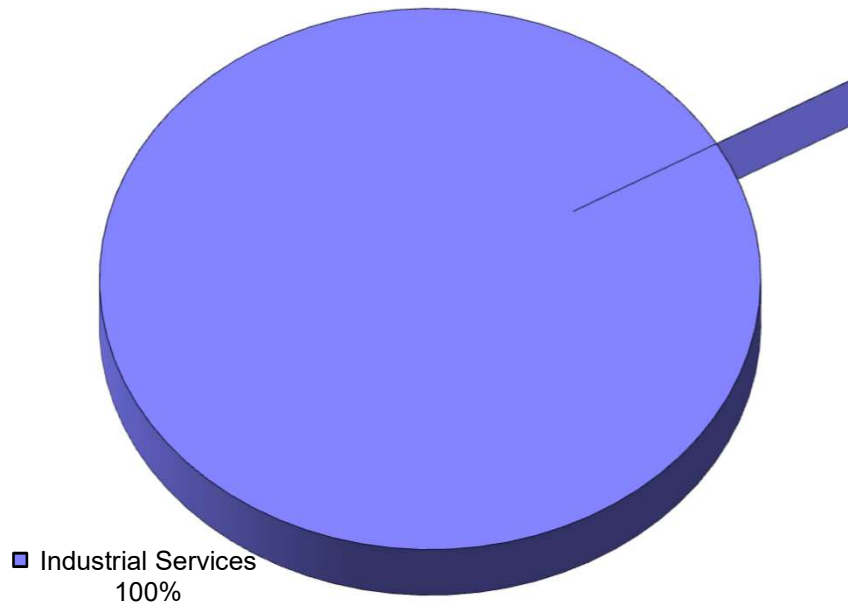
No staffing changes for this division.

Changes from FY 2023 to FY 2024

No staffing changes for this division.

Budget Summary

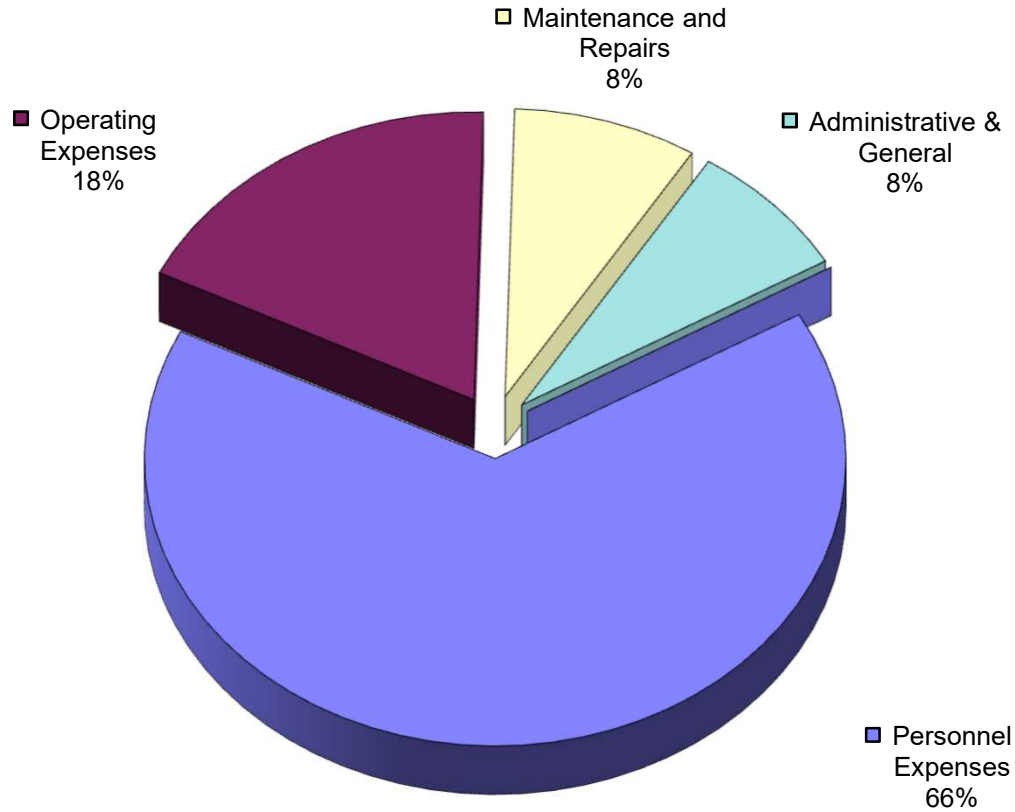
REVENUES - COLETO RESERVOIR



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services	954,305	911,585	946,054
Laboratory Services			
Recreational & Other Rentals	832		
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	955,137	911,585	946,054
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	955,137	911,585	946,054

Budget Summary

EXPENSES - COLETO RESERVOIR



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	540,046	597,150	620,699
Operating Expenses	263,133	161,275	171,773
Maintenance and Repairs	97,811	97,950	80,550
Administrative & General	58,548	55,210	73,032
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	959,538	911,585	946,054
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	959,538	911,585	946,054

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

**091 - Coletto Creek Reservoir
Department ***

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Industrial				
41401	COLETO CREEK POWER-O&M EXP	856,375	873,022	16,647
41402	COLETO CREEK POWER-A&G EXP	55,210	73,032	17,822
	Total Industrial	911,585	946,054	34,469
	Total Operating Revenue	911,585	946,054	34,469
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	415,423	430,737	15,314
51102	LBR-OVERTIME	9,595	11,042	1,447
	Total Salaries	425,018	441,779	16,761
Benefits				
51298	BEN-BENEFIT ALLOCATION	172,132	178,920	6,788
	Total Benefits	172,132	178,920	6,788
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	19,000	19,000	-
52102	OPR-AUXILIARY POWER EXPENSE	11,000	13,500	2,500
52110	OPR-SMALL TOOLS AND SUPPLIES	3,800	3,500	(300)
52114	OPR-LABORATORY SERVICES-GBRA	250	250	-
52115	OPR-LABORATORY SERVICES-OUTSOURCED	250	250	-
52120	OPR-UNIFORMS/BUSINESS ATTIRE	5,000	5,000	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	3,700	3,500	(200)
52122	OPR-SECURITY EXPENSE	2,500	2,500	-
52124	OPR-EQUIPMENT EXPENSE	5,000	5,000	-
52125	OPR-VEHICLE EXPENSE	20,000	20,000	-
52133	OPR-SCADA	-	9,000	9,000
	Total Operating Supplies & Services	70,500	81,500	11,000
Professional Services and Fees				
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	27,500	27,500	-

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
52211	OPR-USGS MONITORING	21,200	22,300	1,100
52222	OPR-MEMBERSHIPS & PUBLICATIONS	1,600	1,500	(100)
52223	OPR-LICENSE & TRAINING	3,000	2,000	(1,000)
52224	OPR-TRAVEL & MEETINGS	3,500	2,000	(1,500)
	Total Professional Services and Fees	56,800	55,300	(1,500)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	3,200	3,000	(200)
52302	OPR-COMPUTER & SOFTWARE EXPENSE	5,775	6,225	450
52304	OPR-COPY SUPPLIES AND SERVICES	1,600	1,600	-
52306	OPR-DATA & PHONE EXPENSE	7,500	7,500	-
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	3,000	3,000	-
	Total Office Expenses	21,075	21,325	250
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	10,900	11,648	748
52430	OPR-MISC EXPENSE	2,000	2,000	-
	Total Other Operating Expenses	12,900	13,648	748
	SUBTOTAL OF OPERATIONAL EXPENSES	758,425	792,472	34,047
	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	1,500	(900)
53120	M&R-BOATS	1,000	1,000	-
	Total Maintenance and Repair Equipment	17,900	11,000	(6,900)
	Structures			
53201	M&R-BUILDING	1,800	1,800	-
53205	M&R-PUMPS AND MOTORS	1,000	1,000	-
53230	M&R-PIPELINES	2,500	1,000	(1,500)
53240	M&R-SPILLGATES	27,000	47,000	20,000
	Total Structures	32,300	50,800	18,500
	Other Maintenance & Repairs			
53301	M&R-ROADS	35,000	10,000	(25,000)
53310	M&R-GROUNDS/ROW	12,500	8,500	(4,000)
53399	M&R-MISC EXPENSE	250	250	-
	Total Other Maintenance & Repairs	47,750	18,750	(29,000)
	SUBTOTAL OF M&R EXPENSES	97,950	80,550	(17,400)
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	55,210	73,032	17,822

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
Total Administrative & General	55,210	73,032	17,822
TOTAL OPERATING AND M&R EXPENSES	911,585	946,054	34,469
Net Operating Income	-	-	-
Net Change in Fund Balance	-	-	-



(This page was intentionally left blank)



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 8/31/24

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 2024 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 \$1,016,874. The proposed fee schedule for FY 2024 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 \$55,000 for power and utilities, \$11,000 for vehicle expense, \$15,000 for bank fees due to park patrons using credit and debit cards, \$43,075 for office supplies, computer and software expenses, data connectivity, janitorial supplies and services, and \$13,650 for insurance expense.

Significant maintenance and repair expenses for the ensuing fiscal year includes \$23,500 for campground road maintenance and paving, \$20,000 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 2024 include \$130,000 for restroom building, \$20,000 for septic system installation and \$35,000 for a laundry room.

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

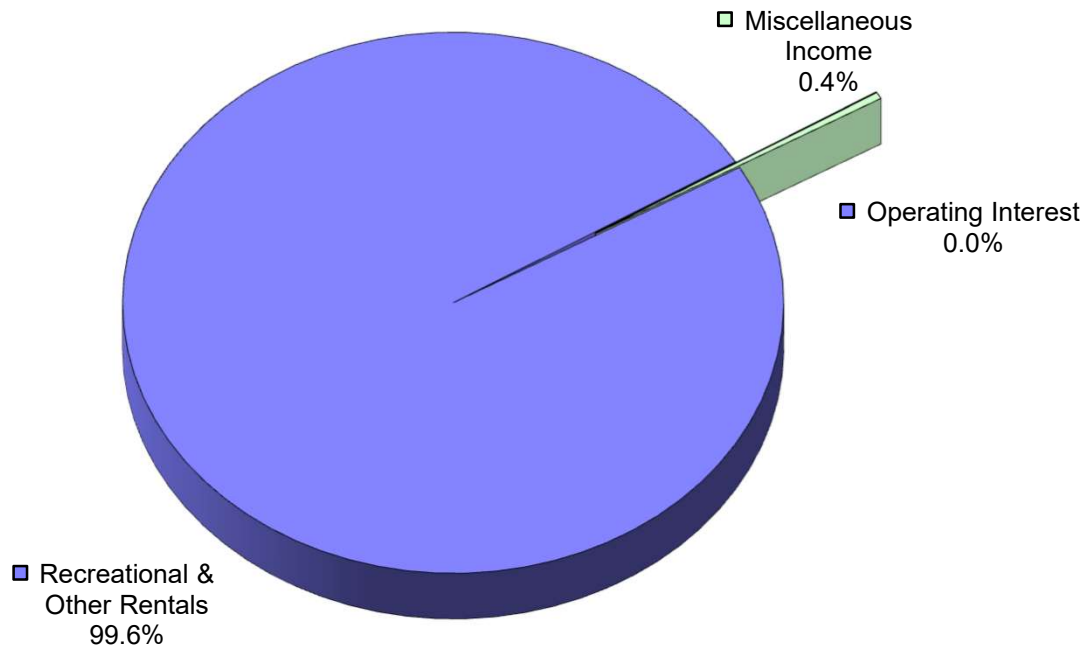
Coletto Creek Recreation	# of Authorized Positions (FTE)		
	2022	2023	2024
Chief Ranger	1	1	1
Reservoir Ranger	5	5	5
Administrative Assistant	1	1	1
Total	7	7	7

Changes from FY 2022 to FY 2023
No staffing changes for this division.

Changes from FY 2023 to FY 2024
No staffing changes for this division.

Budget Summary

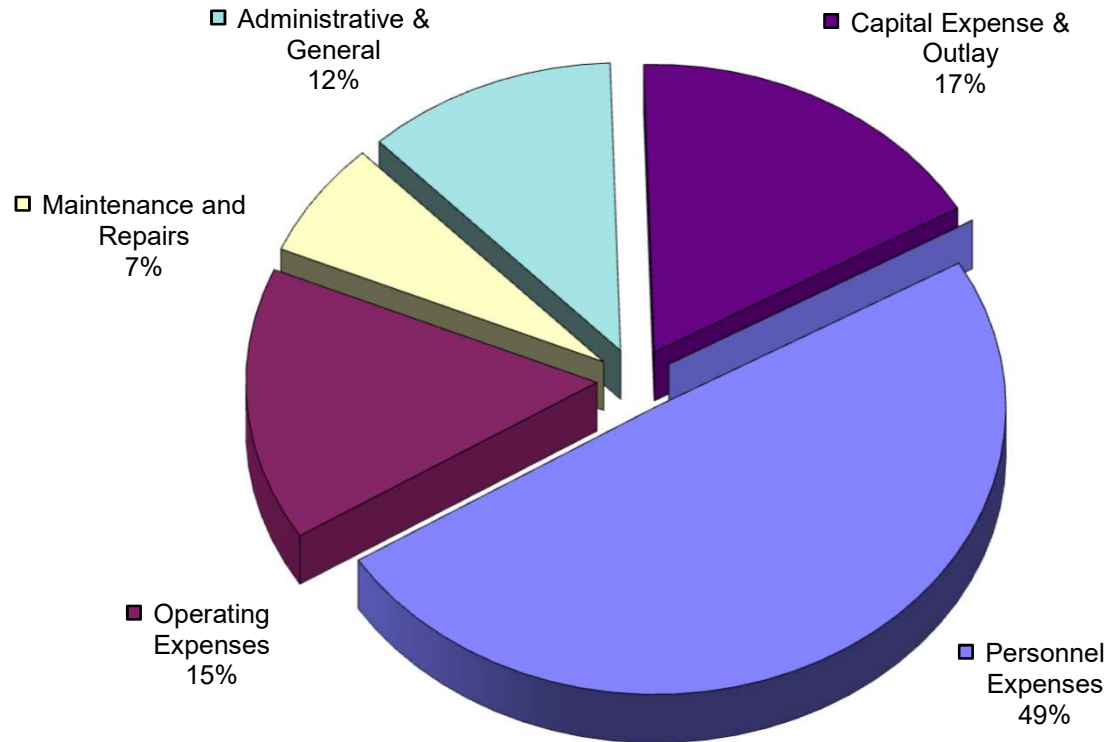
REVENUES - COLETO RECREATION



Revenues	Actual FY 2022	Budget FY 2023	Budget FY 2024
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals	978,630	963,900	1,016,874
Administrative & General			
Operating Interest	178		
Grant & Interlocal Agreement Income			
Miscellaneous Income	3,707	4,000	4,000
Total Operating Revenue	982,515	967,900	1,020,874
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	982,515	967,900	1,020,874

Budget Summary

EXPENSES - COLETO RECREATION



Expenses	Actual FY 2022	Budget FY 2023	Budget FY 2024
Personnel Expenses	418,370	476,019	504,180
Operating Expenses	151,109	147,425	156,775
Maintenance and Repairs	50,969	105,200	66,500
Administrative & General	98,624	111,805	118,419
Capital Expense & Outlay	95,736	127,000	175,000
Transfers			
Total Operating and M&R Expenses	814,808	967,449	1,020,874
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	814,808	967,449	1,020,874

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

**092 - Coleta Creek Recreation
Department ***

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Recreation & Other Rentals			
42902 REV-PARK ENTRY FEES	837,550	890,524	52,974
42915 REV-SPONSORSHIPS	8,000	8,000	-
42920 REV-HUNTING REVENUE	20,350	20,350	-
42922 REV-AG & LAND USE	98,000	98,000	-
Total Recreation & Other Rentals	963,900	1,016,874	52,974
Misc Income			
45195 MISCELLANEOUS REVENUES	4,000	4,000	-
Total Misc Income	4,000	4,000	-
Total Operating Revenue	967,900	1,020,874	52,974
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	324,935	343,087	18,152
51102 LBR-OVERTIME	13,869	15,760	1,891
Total Salaries	338,804	358,847	20,043
Benefits			
51298 BEN-BENEFIT ALLOCATION	137,215	145,333	8,118
Total Benefits	137,215	145,333	8,118
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	48,000	55,000	7,000
52114 OPR-LABORATORY SERVICES-GBRA	500	500	-
52115 OPR-LABORATORY SERVICES-OUTSOURCED	250	250	-
52120 OPR-UNIFORMS/BUSINESS ATTIRE	1,850	2,000	150
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	69,900	77,050	7,150

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
Professional Services and Fees				
52220	OPR-BANK FEES	15,000	15,000	-
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	21,000	21,000	-
Office Expenses				
52301	OPR-OFFICE SUPPLIES	5,000	5,000	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	6,425	10,075	3,650
52306	OPR-DATA & PHONE EXPENSE	9,000	9,000	-
52322	OPR-ADVERTISING & SUBSCRIPTION EXPENSE	4,000	4,000	-
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	13,400	15,000	1,600
	Total Office Expenses	37,825	43,075	5,250
Other Operating Expenses				
52420	OPR-INSURANCE EXPENSE	13,200	13,650	450
52430	OPR-MISC EXPENSE	5,500	2,000	(3,500)
	Total Other Operating Expenses	18,700	15,650	(3,050)
	SUBTOTAL OF OPERATIONAL EXPENSES	623,444	660,955	37,511
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	12,000	300
	Total Structures	18,700	19,000	300
Other Maintenance & Repairs				
53301	M&R-ROADS	63,500	23,500	(40,000)
53310	M&R-GROUNDS/ROW	4,000	4,000	-
53315	M&R-CAMP AND PICNIC SITES	19,000	20,000	1,000
	Total Other Maintenance & Repairs	86,500	47,500	(39,000)
	SUBTOTAL OF M&R EXPENSES	105,200	66,500	(38,700)
Administrative & General				
54100	ADMINISTRATIVE & GENERAL	111,805	118,419	6,614
	Total Administrative & General	111,805	118,419	6,614
Capital Outlay				
13201	STRUCTURES & IMPROVEMENTS	112,000	175,000	63,000
13219	MISCELLANEOUS EQUIPMENT	15,000	-	(15,000)
	Total Capital Outlay	127,000	175,000	48,000

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
TOTAL OPERATING AND M&R EXPENSES	<u>967,449</u>	<u>1,020,874</u>	<u>53,425</u>
Net Operating Income	<u>451</u>	<u>-</u>	<u>(451)</u>
Net Change in Fund Balance	<u>451</u>	<u>-</u>	<u>(451)</u>

Coleto Creek Recreation - Capital Outlay Expense

Description	FY 2024
-------------	---------

Capital Outlay Funded From Current Revenues

Septic System Installation	\$	20,000
Laundry Building	\$	25,000
Restroom Building	\$	130,000
Total Coleto Creek Recreation Capital Outlay Expense		\$ 175,000



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".

- Service Provided: Water treatment
- Location: Luling, TX
- Startup Operation Date: 1978
- Customer: Cities of Luling & Lockhart
- Service Population: 16,695
- Capacity: 2.5 MGD
- # of Current Employees: 6
- Budgeted Revenue: \$1,662,567

Luling Water Treatment Plant Division

Operating Plan for Fiscal Year ending 8/31/24

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 2024 Fiscal Year based on an estimated 481.950 MG of water being treated at the plant with 254.679 MG allocated to the City of Luling and 227.271 MG to the City of Lockhart.

The total operating revenue budgeted to be received during FY 2024 is \$1,662,567 compared to budgeted revenue of \$1,650,425 for FY 2023. This 0.5% 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 \$48,272 for power and utilities at the Water Treatment Plant, \$41,484 for power and utilities at the Luling High Service Pump Station, \$43,830 for power costs to operate the treated water line to Lockhart, \$44,171 for chlorine used in the disinfection process, and \$74,784 for ferric chloride used in the coagulation process, \$32,430 for ammonia and \$10,000 for Fluoride. Another significant operating expenditure is the \$26,760 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 include costs to ensure the reliability of pumps, motors, gates and valves. Within the current budget is to replace a 24-inch clarifier isolation valve for \$30,000, recoating of

main building tar and gravel roof for \$26,000, a new pressure vacuum tank with controls for \$40,000 and sludge disposal for \$18,000.

There are no capital additions budgeted for FY 2024.

The total expenditure budget, exclusive of debt service payments, for FY 2024 amounts to \$1,656,702.

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 \$5,865 and a debt coverage factor of \$40,856 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 2024 is \$5,865.

Staffing Summary

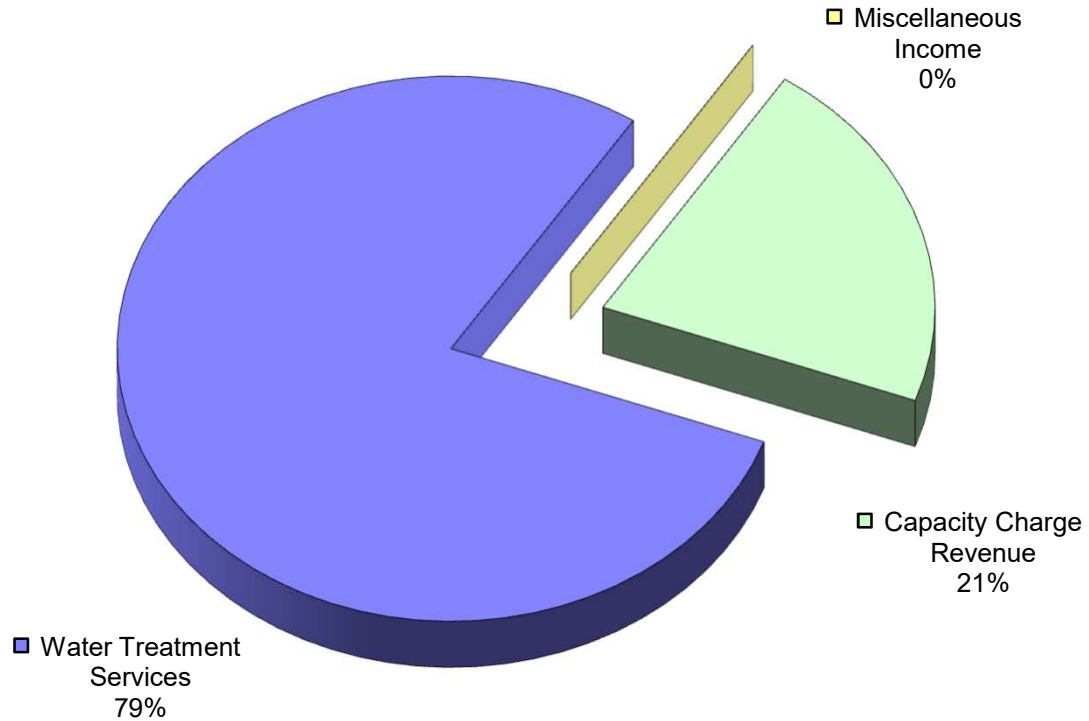
Luling WTP	# of Authorized Positions (FTE)		
	2022	2023	2024
Chief Operator	1	1	1
Operators	5	5	5
Total	6	6	6

Changes from FY 2022 to FY 2023
No staffing changes for this division.

Changes from FY 2023 to FY 2024
No staffing changes for this division.

Budget Summary

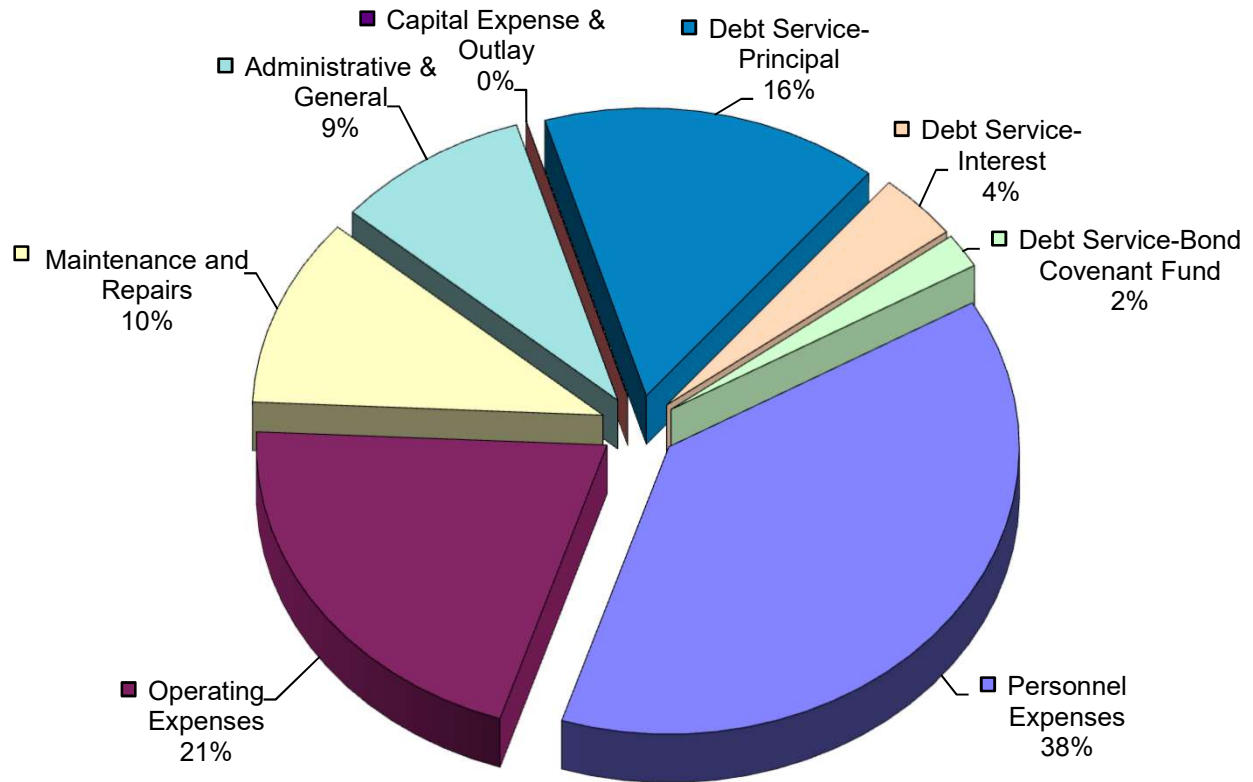
REVENUES - LULING WTP



Revenues	Actual FY 2022	Budget FY 2023	Budget FY 2024
Power Sales			
Wholesale Water Sales			
Water Treatment Services	1,337,100	1,650,425	1,656,703
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest	5,399	3,375	5,864
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	1,342,499	1,653,800	1,662,567
Capacity Charge Revenue	447,808	447,193	449,416
I/F Loan Repayments from Operations			
Grand Total Revenues	1,790,307	2,100,993	2,111,983

Budget Summary

EXPENSES - LULING WTP



Expenses	Actual FY 2022	Budget FY 2023	Budget FY 2024
Personnel Expenses	668,620	762,026	806,036
Operating Expenses	355,491	509,388	437,918
Maintenance and Repairs	154,579	145,030	223,430
Administrative & General	157,768	178,981	189,318
Capital Expense & Outlay		55,000	
Transfers			
Total Operating and M&R Expenses	1,336,458	1,650,425	1,656,702
Debt Service-Principal	300,000	315,833	328,750
Debt Service-Interest	101,689	90,706	79,810
Debt Service-Bond Covenant Fund		40,654	40,856
Grand Total Expenses	1,738,147	2,097,618	2,106,118

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

**100 - Luling WTP
Department ***

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Water Treatment			
41101 PLANT O&M	509,298	685,403	176,105
41102 PLANT A&G	61,949	88,429	26,480
41135 LULING WTP-CITY OF LOCKHART CHARGE	816,666	635,731	(180,935)
41137 LU/LO DELIVERY SYSTEM-CITY OF LOCKHART	262,512	247,140	(15,372)
Total Water Treatment	1,650,425	1,656,703	6,278
Operating Interest			
44110 INT-OPR INVESTMENT FUNDS	3,375	5,864	2,489
Total Operating Interest	3,375	5,864	2,489
Total Operating Revenue	1,653,800	1,662,567	8,767
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	497,005	522,477	25,472
51102 LBR-OVERTIME	45,362	51,214	5,852
Total Salaries	542,367	573,691	31,324
Benefits			
51298 BEN-BENEFIT ALLOCATION	219,659	232,345	12,686
Total Benefits	219,659	232,345	12,686
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	188,952	133,586	(55,366)
52102 OPR-AUXILIARY POWER EXPENSE	5,600	5,600	-
52103 OPR-CHEMICALS	195,486	160,810	(34,676)
52113 OPR-LAB SUPPLIES	19,160	23,160	4,000
52114 OPR-LABORATORY SERVICES-GBRA	3,600	3,600	-
52118 OPR-DISPOSAL SERVICES	18,000	18,000	-
52120 OPR-UNIFORMS	6,180	5,720	(460)
52121 OPR-SAFETY & EMERGENCY EXPENSE	6,000	6,000	-

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
52125	OPR-VEHICLE EXPENSE	6,504	5,200	(1,304)
52126	OPR-FLEET LEASE EXPENSE	5,326	-	(5,326)
52133	OPR-SCADA	3,200	16,700	13,500
	Total Operating Supplies & Services	458,008	378,376	(79,632)
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	2,000	2,000	-
52216	OPR-REGULATORY FEES	3,350	2,100	(1,250)
52217	OPR-INSPECTION FEES	800	-	(800)
52222	OPR-MEMBERSHIPS & PUBLICATIONS	360	450	90
52223	OPR-LICENSE & TRAINING	2,650	4,350	1,700
52224	OPR-TRAVEL & MEETINGS	1,400	2,800	1,400
	Total Professional Services and Fees	10,560	11,700	1,140
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	2,400	3,400	1,000
52302	OPR-COMPUTER & SOFTWARE EXPENSE	8,050	8,250	200
52303	OPR-WIDE AREA NETWORK EXPENSE	1,650	3,200	1,550
52304	OPR-COPY SUPPLIES AND SERVICES	1,900	1,900	-
52305	OPR-POSTAGE AND FREIGHT EXPENSE	180	200	20
52306	OPR-DATA & PHONE EXPENSE	4,300	8,173	3,873
	Total Office Expenses	18,480	25,123	6,643
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	22,100	22,479	379
52430	OPR-MISC EXPENSE	240	240	-
	Total Other Operating Expenses	22,340	22,719	379
	SUBTOTAL OF OPERATIONAL EXPENSES	1,271,414	1,243,954	(27,460)
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	36,500	12,500	(24,000)
53110	M&R-CONTROL SYSTEMS	14,430	39,430	25,000
53115	M&R-METERS	6,500	8,500	2,000
	Total Maintenance and Repair Equipment	57,430	60,430	3,000
	Structures			
53201	M&R-BUILDING	4,400	31,000	26,600
53202	M&R-CLEARWELLS	1,000	3,000	2,000
53205	M&R-PUMPS AND MOTORS	30,000	35,000	5,000
53210	M&R-GATES AND VALVES	30,000	42,000	12,000
53238	M&R-FILTERS	13,000	42,800	29,800
	Total Structures	78,400	153,800	75,400
	Other Maintenance & Repairs			

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
53301	M&R-ROADS	2,000	2,000	-
53310	M&R-GROUNDS/ROW	7,200	7,200	-
	Total Other Maintenance & Repairs	9,200	9,200	-
	SUBTOTAL OF M&R EXPENSES	145,030	223,430	78,400
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	178,981	189,318	10,337
	Total Administrative & General	178,981	189,318	10,337
	Capital Outlay			
13217	AUTO & HEAVY EQUIPMENT	55,000	-	(55,000)
	Total Capital Outlay	55,000	-	(55,000)
	TOTAL OPERATING AND M&R EXPENSES	1,650,425	1,656,702	6,277
	Net Operating Income	3,375	5,865	2,490

DEBT SERVICE BUDGET

	Capacity Charge Revenue			
41131	DEBT SERVICE-LU/LO PROJECT	406,540	408,560	2,020
41133	DEBT COVER-LU/LO PROJECT	40,653	40,856	203
	Total Capacity Charge Revenue	447,193	449,416	2,223
	Total Debt Revenue	447,193	449,416	2,223
	Principal Payments Expense			
21207	BOND-2014 LULO PIPELINE	315,833	328,750	12,917
	Total Principal Payments Expense	315,833	328,750	12,917
	Interest Expense			
57103	INT-LULO BONDS	90,706	79,810	(10,896)
	Total Interest Expense	90,706	79,810	(10,896)
	Transfers			
61550	TRANSFERS-RESTRICTED/BOND COVENANT FUND	40,654	40,856	202
	Total TRANSFERS-RESTRICTED/BOND COVENANT FUND	40,654	40,856	202
	Total Debt Expense	447,193	449,416	2,223

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
Net Change in Debt Service Budget	-	-	-
Net Change in Fund Balance	3,375	5,865	2,490



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.

-
- | | |
|--|---|
| <ul style="list-style-type: none">• Service Provided: Hydroelectric generation• Location: Sattler, TX• Startup Operation Date: 1989• Customer: NBU• Capacity: 6 MW | <ul style="list-style-type: none">• Average Kwh Produced: 0• # of Current Employees: 1• Budgeted Revenue: \$521,995 |
|--|---|

Canyon Hydroelectric Division

Operating Plan for Fiscal Year Ending 8/31/24

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 2024 is \$521,995 which is \$214,182 more than budgeted revenue for FY 2023.

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 2024, 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 2024 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)		
	2022	2023	2024
Maintenance Crew	1	1	1
Total	1	1	1

Changes from FY 2022 to 2023

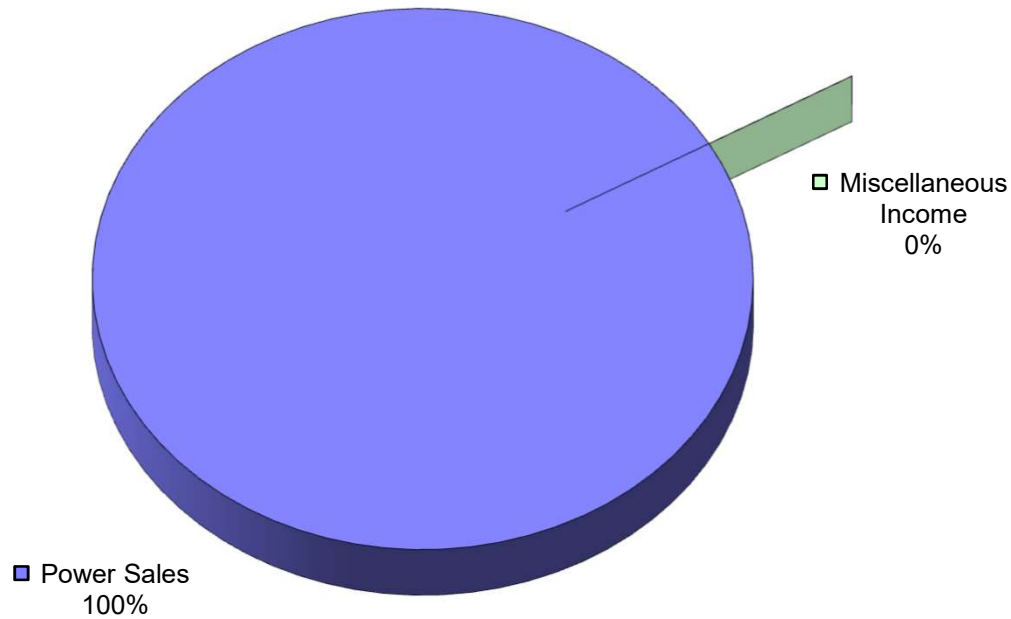
No staffing changes for this division.

Changes from FY 2023 to 2024

No staffing changes for this division.

Budget Summary

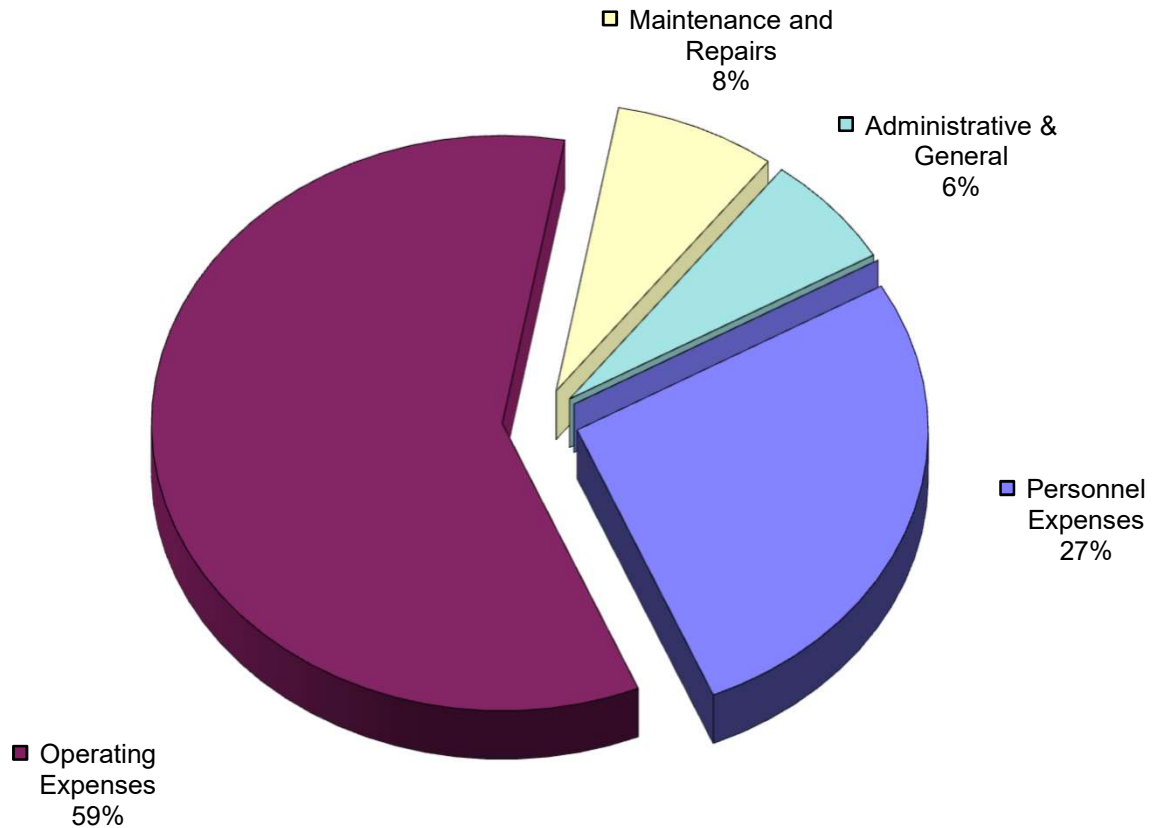
REVENUES - CANYON HYDROELECTRIC



Revenues	Actual FY 2022	Budget FY 2023	Budget FY 2024
Power Sales	376,633	307,813	521,995
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	376,633	307,813	521,995
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	376,633	307,813	521,995

Budget Summary

EXPENSES - CANYON HYDROELECTRIC



Expenses	Actual FY 2022	Budget FY 2023	Budget FY 2024
Personnel Expenses	196,373	150,359	140,926
Operating Expenses	101,372	68,138	308,969
Maintenance and Repairs	32,088	54,000	39,000
Administrative & General	46,800	35,316	33,100
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	376,633	307,813	521,995
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	376,633	307,813	521,995

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

**120 - Canyon Hydroelectric
Department ***

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Hydroelectric				
41301	POWER SALES	307,813	521,995	214,182
	Total Hydroelectric	307,813	521,995	214,182
	Total Operating Revenue	307,813	521,995	214,182
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	102,036	94,735	(7,301)
51102	LBR-OVERTIME	4,981	5,568	587
	Total Salaries	107,017	100,303	(6,714)
Benefits				
51298	BEN-BENEFIT ALLOCATION	43,342	40,623	(2,719)
	Total Benefits	43,342	40,623	(2,719)
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	3,000	5,000	2,000
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	1,500	(1,000)
52133	OPR-SCADA	1,700	1,700	-
	Total Operating Supplies & Services	11,800	10,800	(1,000)
Professional Services and Fees				
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	-	250,000	250,000
52216	OPR-REGULATORY FEES	27,070	14,370	(12,700)
52223	OPR-LICENSE & TRAINING	500	300	(200)
52224	OPR-TRAVEL & MEETINGS	500	250	(250)
	Total Professional Services and Fees	28,070	264,920	236,850

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
	Office Expenses			
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,250	750	(500)
52303	OPR-WIDE AREA NETWORK EXPENSE	1,650	3,200	1,550
52306	OPR-DATA & PHONE EXPENSE	1,200	1,200	-
	Total Office Expenses	4,100	5,150	1,050
	Other Operating Expenses			
52403	OPR-OFFICE/BUILDING RENTAL	4,368	6,584	2,216
52420	OPR-INSURANCE EXPENSE	17,800	20,765	2,965
52430	OPR-MISC EXPENSE	2,000	750	(1,250)
	Total Other Operating Expenses	24,168	28,099	3,931
	SUBTOTAL OF OPERATIONAL EXPENSES	218,497	449,895	231,398
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	1,000	1,000	-
53105	M&R-GENERATORS	17,500	15,000	(2,500)
	Total Maintenance and Repair Equipment	18,500	16,000	(2,500)
	Structures			
53201	M&R-BUILDING	27,500	15,000	(12,500)
53205	M&R-PUMPS AND MOTORS	5,000	5,000	-
	Total Structures	32,500	20,000	(12,500)
	Other Maintenance & Repairs			
53310	M&R-GROUNDS/ROW	3,000	3,000	-
	Total Other Maintenance & Repairs	3,000	3,000	-
	SUBTOTAL OF M&R EXPENSES	54,000	39,000	(15,000)
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	35,316	33,100	(2,216)
	Total Administrative & General	35,316	33,100	(2,216)
	TOTAL OPERATING AND M&R EXPENSES	307,813	521,995	214,182
	Net Operating Income	-	-	-
	Net Change in Fund Balance	-	-	-



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: 396,590,000 |
| • Location: Lockhart, TX | • # of Current Employees: 4 |
| • Startup Operation Date: 1994 | • Budgeted Revenue: \$1,604,554 |
| • Customer: City of Lockhart | |
| • Capacity: 2.6 MGD | |

Lockhart Division

Lockhart Wastewater Reclamation System

Operating Plan for Fiscal Year Ending 8/31/24

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 four 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 and New Braunfels offices 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 396.59 million gallons annually or 1.08 million gallons per day (MGD). For Fiscal Year 2024, the flow will be split with approximately 0.385 MGD treated by the Larremore Plant and 0.698 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 2024 total revenue for the Lockhart Wastewater System is \$1,604,554 which is \$70,708 or 4.6% more than last year's budget.

MAJOR OPERATING AND MAINTENANCE EXPENDITURES

The combined operating expenditure budget for FY 2024 amounts to \$1,604,554. Significant operating expenses budgeted for Fiscal Year 2024 include biosolids disposal in the amount of \$300,206, power and utilities of \$242,050, laboratory testing and expenses of \$67,006. Significant maintenance expenditures budgeted for Fiscal Year 2024 include the replacement of a Control Panel for the airlifts on Clarifier 2, the replacement of the Drain Station Pumps, and replacing the roof on the Blower Room all located at the Larremore Plant

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

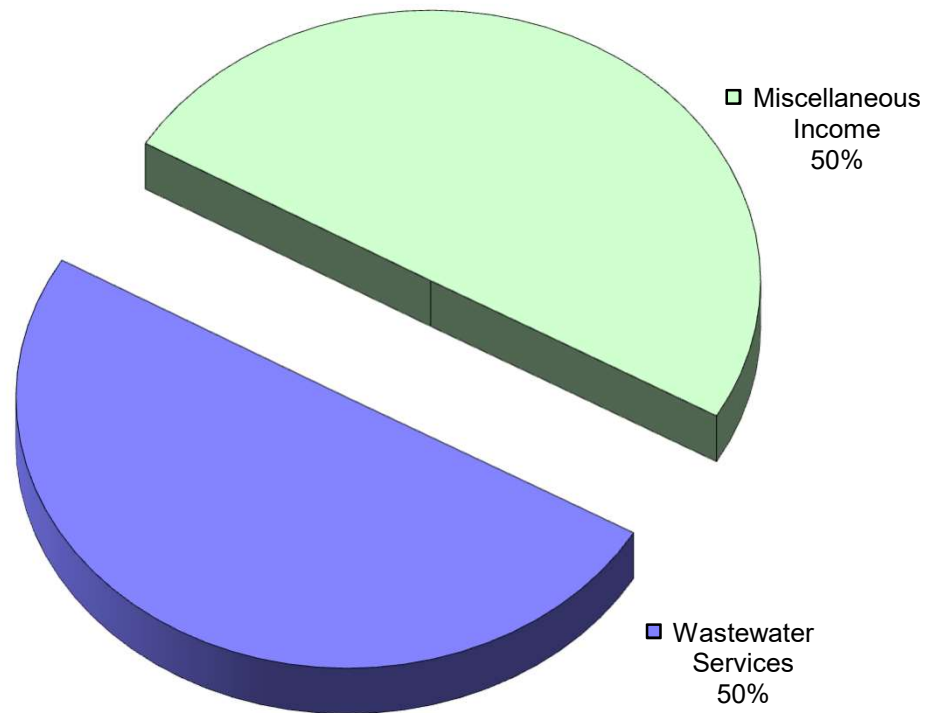
Funds for the above listed maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided from revenues from the City of Lockhart. Since this system represents a contract operation in which GBRA does not over-recover nor under-recover its costs, the net change in fund balance for FY 2024 is \$0.

Lockhart WWTP	# of Authorized Positions (FTE)		
	2022	2023	2024
Chief Operator	1	1	1
Operators	3	3	3
Total	4	4	4

Changes from FY 2023 to FY 2024
No staffing changes for this division.

Budget Summary

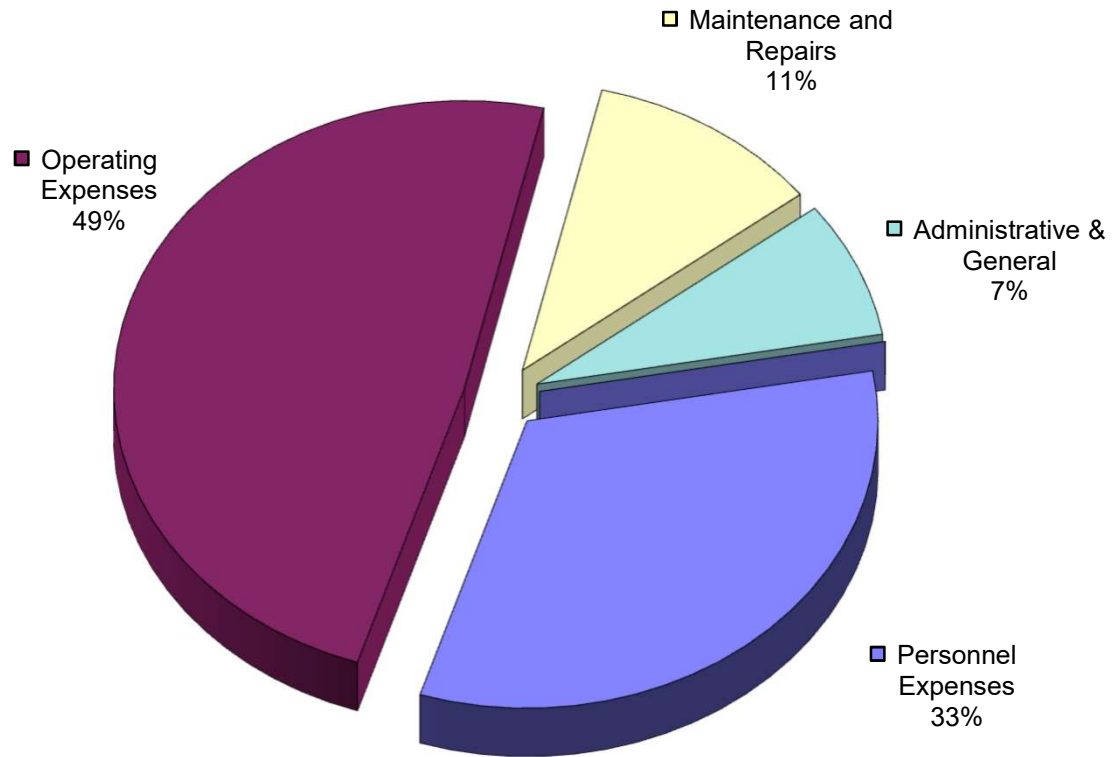
REVENUES - LOCKHART WWTP



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services	907,629	733,846	804,554
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	500,000	800,000	800,000
Total Operating Revenue	1,407,629	1,533,846	1,604,554
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	1,407,629	1,533,846	1,604,554

Budget Summary

EXPENSES - LOCKHART WWTP



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	475,879	499,505	524,803
Operating Expenses	697,513	755,899	781,598
Maintenance and Repairs	122,095	161,120	174,890
Administrative & General	110,883	117,322	123,263
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	1,406,370	1,533,846	1,604,554
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	1,406,370	1,533,846	1,604,554

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

**130 - Lockhart WWTP
Department ***

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wastewater Treatment				
41201	WW-OPR & MAINTENANCE	1,416,524	1,481,291	64,767
41202	WW-ADMINISTRATIVE & GENERAL	117,322	123,263	5,941
41207	WW-CREDIT TO CUSTOMER	(800,000)	(800,000)	-
	Total Wastewater Treatment	733,846	804,554	70,708
Misc Income				
45195	MISCELLANEOUS REVENUES	800,000	800,000	-
	Total Misc Income	800,000	800,000	-
	Total Operating Revenue	1,533,846	1,604,554	70,708
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	338,869	355,378	16,509
51102	LBR-OVERTIME	16,651	18,147	1,496
	Total Salaries	355,520	373,525	18,005
Benefits				
51298	BEN-BENEFIT ALLOCATION	143,985	151,278	7,293
	Total Benefits	143,985	151,278	7,293
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	242,050	242,050	-
52102	OPR-AUXILIARY POWER EXPENSE	5,000	5,000	-
52103	OPR-CHEMICALS	44,594	50,018	5,424
52110	OPR-SMALL TOOLS AND SUPPLIES	2,500	3,000	500
52113	OPR-LAB SUPPLIES	19,218	17,818	(1,400)
52114	OPR-LABORATORY SERVICES-GBRA	41,400	39,416	(1,984)
52115	OPR-LABORATORY SERVICES-OUTSOURCED	11,542	9,772	(1,770)
52118	OPR-DISPOSAL SERVICES	284,556	300,206	15,650
52120	OPR-UNIFORMS/BUSINESS ATTIRE	5,720	5,720	-

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
52121	OPR-SAFETY & EMERGENCY EXPENSE	3,185	3,185	-
52122	OPR-SECURITY EXPENSE	4,000	4,000	-
52124	OPR-EQUIPMENT EXPENSE	3,500	4,550	1,050
52125	OPR-VEHICLE EXPENSE	6,860	5,745	(1,115)
52133	OPR-SCADA	1,700	1,700	-
	Total Operating Supplies & Services	675,825	692,180	16,355
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	4,530	4,560	30
52216	OPR-REGULATORY FEES	22,500	22,500	-
52222	OPR-MEMBERSHIPS & PUBLICATIONS	900	700	(200)
52223	OPR-LICENSE & TRAINING	4,094	3,594	(500)
52224	OPR-TRAVEL & MEETINGS	2,500	2,500	-
	Total Professional Services and Fees	34,524	33,854	(670)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	3,600	4,300	700
52302	OPR-COMPUTER & SOFTWARE EXPENSE	6,100	5,950	(150)
52303	OPR-WIDE AREA NETWORK EXPENSE	1,650	3,200	1,550
52304	OPR-COPY SUPPLIES AND SERVICES	-	3,000	3,000
52306	OPR-DATA & PHONE EXPENSE	8,000	8,000	-
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	1,200	1,000	(200)
	Total Office Expenses	20,550	25,450	4,900
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	24,800	29,914	5,114
52430	OPR-MISC EXPENSE	200	200	-
	Total Other Operating Expenses	25,000	30,114	5,114
	SUBTOTAL OF OPERATIONAL EXPENSES	1,255,404	1,306,401	50,997
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	90,950	16,100	(74,850)
53110	M&R-CONTROL SYSTEMS	1,000	5,000	4,000
53115	M&R-METERS	1,150	1,500	350
	Total Maintenance and Repair Equipment	93,100	22,600	(70,500)
	Structures			
53201	M&R-BUILDING	1,520	6,890	5,370
53205	M&R-PUMPS AND MOTORS	14,800	31,500	16,700
53210	M&R-GATES AND VALVES	6,000	1,500	(4,500)
53220	M&R-CLARIFIERS	11,200	60,700	49,500
53237	M&R UV SYSTEM	10,000	20,000	10,000
	Total Structures	43,520	120,590	77,070

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
	Other Maintenance & Repairs			
53310	M&R-GROUNDS/ROW	13,000	13,500	500
53325	M&R-GENERAL MAINTENANCE	11,500	18,200	6,700
	Total Other Maintenance & Repairs	24,500	31,700	7,200
	SUBTOTAL OF M&R EXPENSES	161,120	174,890	13,770
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	117,322	123,263	5,941
	Total Administrative & General	117,322	123,263	5,941
	TOTAL OPERATING AND M&R EXPENSES	1,533,846	1,604,554	70,708
	Net Operating Income	-	-	-
	Net Change in Fund Balance	-	-	-



(This page was intentionally left blank)



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: \$960,020 |
| • Customer: City of Lockhart | |
| • Capacity: 4 MGD | |

Lockhart Division

Lockhart Water Treatment Plant System

Operating Plan for Fiscal Year ending 8/31/24

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 four operators 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 2024 is 165.757 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. Lockhart will also be receiving water from the Alliance Water Plant located in Rosanky and delivered through the Alliance Project Delivery System. The budgeted FY 2024 operating revenue for the Lockhart Water Treatment Plant System is \$960,020 which is \$26,445 or 2.8% more than last year's budget and is based on a total estimated annual water treatment of 165,757,000 gallons or 165.757 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.

MAJOR OPERATING AND MAINTENANCE EXPENDITURES

Due to the nature of the GBRA and City of Lockhart contract, the operating expenditure budget for FY 2024 replicates the revenue budget and therefore also amounts to \$960,020. 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 2024 is \$56,605. Power will also be a major expense for the upcoming year amounting to \$56,000. The maintenance expenses include the replacement of Control Panels for the Aeration Towers in the amount of \$16,000 and

the installation of a Flow Meter in the amount of \$11,000. The rehab of Well 11 is budgeted at \$60,000, and the chemical treatment of a well is budgeted at \$40,000. The painting of the Two Million Gallon Ground Storage Tank is budgeted for \$ 35,260.

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 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 2024 is \$0.

Staffing Summary

Lockhart WTP	# of Authorized Positions (FTE)		
	2022	2023	2024
Operators	4	4	4
Total	4	4	4

Changes from FY 2022 to FY 2023

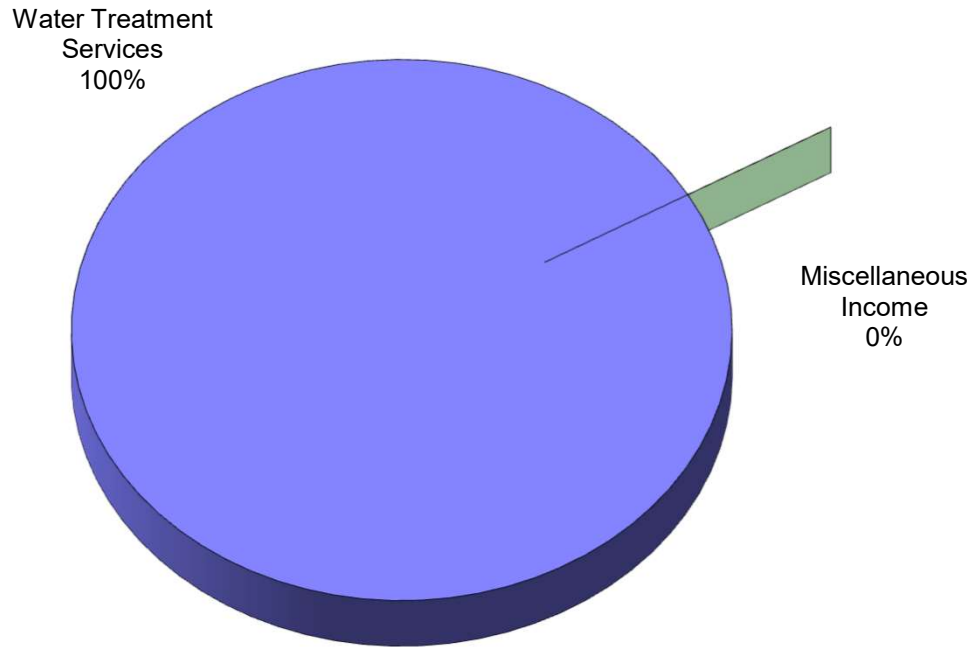
1-Operator position was added for this division.

Changes from FY 2023 to FY 2024

No staffing changes for this division.

Budget Summary

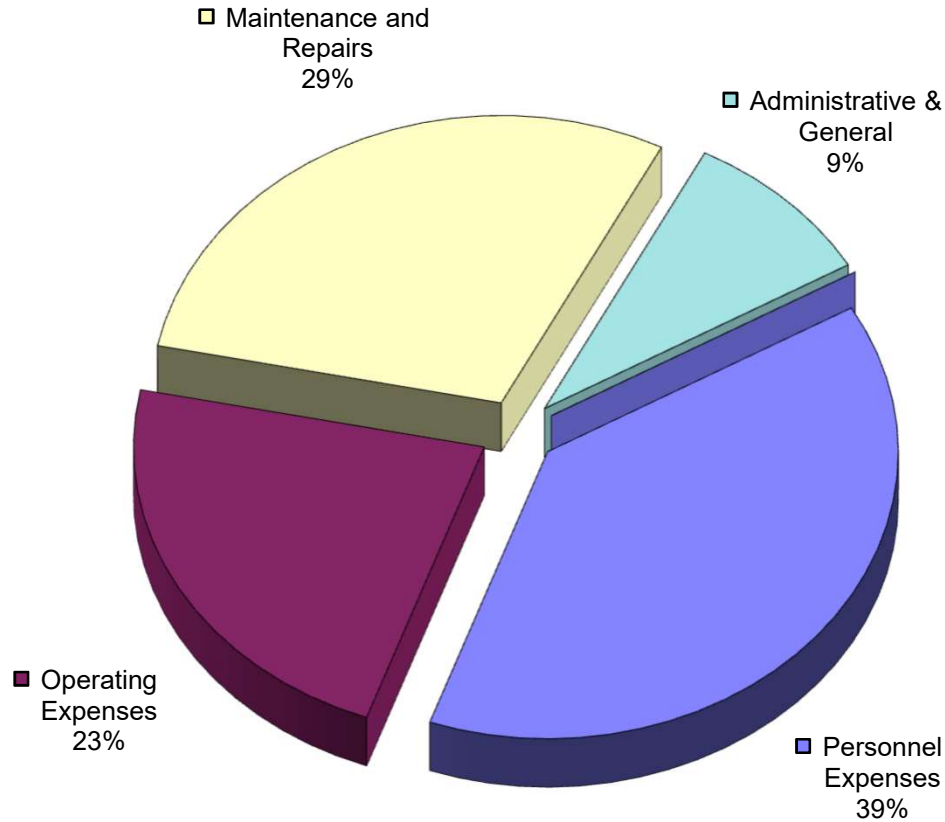
REVENUES - LOCKHART WTP



Revenues	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services	1,026,880	933,575	960,020
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	1,026,880	933,575	960,020
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	1,026,880	933,575	960,020

Budget Summary

EXPENSES - LOCKHART WTP



Expenses	FY 2022 Actual	FY 2023 Budget	FY 2024 Budget
Personnel Expenses	357,936	369,601	372,289
Operating Expenses	196,539	196,214	218,379
Maintenance and Repairs	388,259	280,950	281,910
Administrative & General	83,191	86,810	87,442
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	1,025,925	933,575	960,020
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	1,025,925	933,575	960,020

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2024**

**131 - Lockhart WTP
Department ***

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Water Treatment				
41101	PLANT O&M	846,765	872,578	25,813
41102	PLANT A&G	86,810	87,442	632
	Total Water Treatment	933,575	960,020	26,445
	Total Operating Revenue	933,575	960,020	26,445
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	250,513	251,317	804
51102	LBR-OVERTIME	12,548	13,657	1,109
	Total Salaries	263,061	264,974	1,913
Benefits				
51298	BEN-BENEFIT ALLOCATION	106,540	107,315	775
	Total Benefits	106,540	107,315	775
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	56,000	56,000	-
52103	OPR-CHEMICALS	47,976	56,605	8,629
52110	OPR-SMALL TOOLS AND SUPPLIES	1,500	2,250	750
52113	OPR-LAB SUPPLIES	13,638	14,231	593
52114	OPR-LABORATORY SERVICES-GBRA	5,172	5,172	-
52115	OPR-LABORATORY SERVICES-OUTSOURCED	2,300	2,336	36
52120	OPR-UNIFORMS/BUSINESS ATTIRE	3,800	3,800	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	1,635	1,635	-
52122	OPR-SECURITY EXPENSE	1,750	1,750	-
52123	OPR-EQUIPMENT RENTAL	1,500	1,500	-
52124	OPR-EQUIPMENT EXPENSE	150	250	100
52125	OPR-VEHICLE EXPENSE	3,330	2,830	(500)
52126	OPR-FLEET LEASE EXPENSE	1,200	-	(1,200)
52133	OPR-SCADA	1,700	9,700	8,000

	FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
Total Operating Supplies & Services	141,651	158,059	16,408
Professional Services and Fees			
52205 OPR-PROFESSIONAL SERVICES-OTHER	3,720	4,730	1,010
52216 OPR-REGULATORY FEES	12,000	12,200	200
52222 OPR-MEMBERSHIPS & PUBLICATIONS	424	400	(24)
52223 OPR-LICENSE & TRAINING	3,619	3,319	(300)
52224 OPR-TRAVEL & MEETINGS	2,500	2,500	-
Total Professional Services and Fees	22,263	23,149	886
Office Expenses			
52301 OPR-OFFICE SUPPLIES	750	750	-
52302 OPR-COMPUTER & SOFTWARE EXPENSE	4,250	4,050	(200)
52303 OPR-WIDE AREA NETWORK EXPENSE	1,650	3,200	1,550
52306 OPR-DATA & PHONE EXPENSE	5,800	5,800	-
52331 OPR-JANITORIAL SUPPLIES AND SERVICE	500	500	-
Total Office Expenses	12,950	14,300	1,350
Other Operating Expenses			
52420 OPR-INSURANCE EXPENSE	19,100	22,621	3,521
52430 OPR-MISC EXPENSE	250	250	-
Total Other Operating Expenses	19,350	22,871	3,521
SUBTOTAL OF OPERATIONAL EXPENSES	565,815	590,668	24,853
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	1,550	1,850	300
53110 M&R-CONTROL SYSTEMS	2,500	19,400	16,900
53115 M&R-METERS	11,700	13,400	1,700
Total Maintenance and Repair Equipment	15,750	34,650	18,900
Structures			
53201 M&R-BUILDING	5,400	16,000	10,600
53205 M&R-PUMPS AND MOTORS	65,000	35,000	(30,000)
53210 M&R-GATES AND VALVES	29,500	5,000	(24,500)
53235 M&R-TRANSMISSION LINES	38,500	25,000	(13,500)
Total Structures	138,400	81,000	(57,400)
Other Maintenance & Repairs			
53302 M&R-WELLS	104,000	115,000	11,000
53310 M&R-GROUNDS/ROW	13,000	13,000	-
53325 M&R-GENERAL MAINTENANCE	9,800	38,260	28,460
Total Other Maintenance & Repairs	126,800	166,260	39,460
SUBTOTAL OF M&R EXPENSES	280,950	281,910	960

		FY 2023 BUDGET	FY 2024 BUDGET	FY 2024-2023 DIFFERENCE
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	<u>86,810</u>	<u>87,442</u>	<u>632</u>
	Total Administrative & General	<u>86,810</u>	<u>87,442</u>	<u>632</u>
	TOTAL OPERATING AND M&R EXPENSES	<u>933,575</u>	<u>960,020</u>	<u>26,445</u>
	Net Operating Income	<u>-</u>	<u>-</u>	<u>-</u>
	Net Change in Fund Balance	<u>-</u>	<u>-</u>	<u>-</u>



(This page was intentionally left blank)

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.
GUADCO MUD	Guadalupe County Municipal Utility District
GVEC	Guadalupe Valley Electric Cooperative
GVHD	Guadalupe Valley Hydro Division
H-4	Hydro Electric Dam #4

Glossary

Term	Description
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
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

Glossary

Term	Description
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.
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

Glossary

Term	Description
	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.
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.

Glossary

Term	Description
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.
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

Glossary

Term	Description
	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.
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

Glossary

Term	Description
	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.