

GUADALUPE-BLANCO RIVER AUTHORITY

WORK PLAN AND BUDGET

Fiscal Year Ending August 31, 2022



Seguin, Texas

GUADALUPE-BLANCO RIVER AUTHORITY

WORK PLANS AND BUDGETS

Fiscal Year Ending August 31, 2022

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Guadalupe-Blanco River Authority

Fiscal Year 2022 Work Plan and Budget Format

System Listing

Yr Operations Began	Budget Sections			Type of Budget
		Introductory Section		
		General & Statistical Summary		
		Staffing Summary		
		Financial Summary		
		Consolidated Funds	Section A	
	010	General Division	Section B	Unit of Service
1962	021	Guadalupe Valley Hydroelectric Division	Section C	Unit of Service
2006	030	Shadow Creek Wastewater Treatment Plant	Section D	Unit of Service
1972	033	Stein Falls Wastewater Treatment Plan	Section D	Unit of Service
2007	037	Sunfield WWTP	Section D	Unit of Service
2022	038	Dietz Wastewater System	Section D	Unit of Service
1967	041	Water Sales System	Section E	Unit of Service
1974	041	Laboratory System	Section E	Unit of Service
1962	043	Calhoun Canal System	Section E	Unit of Service
1998	044	San Marcos Water Treatment Plant	Section E	Unit of Service
2002	045	Buda Wastewater Treatment Plant	Section E	Budget-to-Actual
2019	047	Carrizo Groundwater System	Section E	Unit of Service
1972	032	Canyon Park Wastewater Treatment Plan	Section F	Unit of Service
2005	050	Western Canyon Water Treatment Plant System	Section F	Unit of Service
2017	051	4S Ranch Wastewater Treatment Plant	Section F	Budget-to-Actual
2005	052	Cordillera Water Distribution System	Section F	Unit of Service
2005	053	Cordillera Wastewater Treatment Plant	Section F	Unit of Service
2007	054	Comal Trace WDS	Section F	Unit of Service
2009	055	Johnson Ranch Water Distribution System	Section F	Unit of Service
2009	056	Johnson Ranch Wastewater Treatment Plant	Section F	Unit of Service
2015	057	Bulverde Singing Hills Wastewater Treatment Plant	Section F	Budget-to-Actual
2017	058	Park Village Wastewater Treatment Plant	Section F	Budget-to-Actual
2019	059	Boerne ISD Voss Middle School Wastewater Treatment Plant	Section F	Budget-to-Actual
1969	060	Port Lavaca Water Treatment Plant	Section G	Budget-to-Actual
1974	070	Calhoun County Rural Water System	Section H	Unit of Service
1981	091	Coleto Creek Reservoir	Section I	Budget-to-Actual
1981	092	Coleto Creek Recreation	Section I	Unit of Service
1977	100	Luling Water Treatment Plant	Section J	Budget-to-Actual
1988	120	Canyon Hydroelectric Plant	Section K	Budget-to-Actual
1994	130	Lockhart Wastewater Treatment Plant	Section L	Budget-to-Actual
2000	131	Lockhart Water Treatment Plant	Section L	Budget-to-Actual
		Glossary	Section M	
		Index	Section N	

FY 2022 WORK PLAN AND BUDGET PROGRAM NARRATIVE

The mission of the Guadalupe-Blanco River Authority is to “support responsible watershed protection and stewardship, provide quality operational service, and a commitment to promote conservation and educational opportunities in order to enhance quality of life for those we serve.” This is a broad and encompassing mission statement reflective of GBRA’s legislative mandates and constituent demands. A comprehensive update of GBRA’s Strategic Plan was completed in 2017 and an outline is presented in the document. In developing the FY 2022 Work Plan and Budget, GBRA has included new and continuing initiatives which best accomplish the strategic goals as well as those programs that are valued by constituents and customers. Articulated below is a summary of the FY 2022 financial highlights.

I. HISTORICAL REVIEW

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

This new reservoir was designed and still functions as a cooling reservoir for a coal-fired electric generating plant. Other accomplishments of the 80’s include the construction of a lower basin water supply pump station and pipeline in Calhoun County that serves two industries along the Victoria

Barge Canal as well as the construction of the six megawatt Canyon Hydroelectric Plant in Comal County. During the 1990's, GBRA's growth accelerated. GBRA constructed and/or assumed operations of seven wastewater treatment plants. These plants include two in the City of Lockhart, one in the City of Buda, one for the Crestview area of Calhoun County, one in the Cordillera subdivision in Kendall County, and one each in the Shadow Creek and Sunfield subdivisions located in Hays County. During the first years of the new millennium, GBRA assumed operation of two water treatment plants, one for the City of San Marcos and one for the City of Lockhart and constructed a third, the 10 MGD 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. Finally in the last few years, GBRA has 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, purchased and now 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. The financial impact of all of these operations is depicted on page 45.

II. MISSION, GOALS AND OBJECTIVES

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

Vision

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

Mission

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

Values

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

Goals and Strategies

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

III. FINANCIAL POLICIES

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

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

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

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

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

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

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

The GBRA Debt Service policy provides for the authorization to issue obligations within the meaning of the Financing Act. The issuance of these obligations provides funding for the construction costs of new projects as well as the refunding of prior obligations when it is cost effective to do so. GBRA 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. 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.

The GBRA Financial Reserve Goal recognizes that GBRA can be subjected to sudden and unexpected costs as the result of emergencies, natural disasters, uninsured claims, bond or other payment defaults, and other contingencies. At the same time, GBRA undertakes many projects that require "up-front" money during a project's early development stage before long-term financing and "rate based" funding becomes possible. In each of these circumstances, GBRA must have a reasonable amount of reserve funds to pay these costs in a timely manner without the need for reactive funding. In order to provide for the efficient allocation of funds whether for project development or for the recovery from an unexpected event, the Financial Reserve Goal directs that GBRA strive to accumulate an unrestricted and undesignated financial reserve balance that approximates 42% of gross revenue, which equates to five months of operations.

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 as explained more fully in the Financial Reserve Goal above. 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 25-27, 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 30.

A net increase of 17 positions are included in the Work Plan for FY 2022 in comparison to the previous year's Work Plan. The position changes by division are identified in the staffing summary table on page 29.

VI. MAJOR ELEMENTS

Described below are some of the major elements in the GBRA Work Plan and Budget for FY 2022 as well as some of the key components in our efforts to implement and advance the broader GBRA Goals and Objectives.

General Division

- A. Within GBRA's General and Water Resource Divisions, most of the administrative, engineering, public communication, governance, human resources, finance, policy setting, and new project planning activities are accomplished. As such, the personnel of GBRA's Management Team are assigned to one of these two Divisions.
- B. Funds are included in the Budget to continue public and legislative communication efforts. Also included are funds to continue an emphasis on technical training and professional development.
- C. GBRA will continue enhancing its information technology capabilities including its wide area network, internet, intranet, and the GBRA web page. The budget includes ongoing funding for its financial and human resource management software, as well as database and SCADA capabilities to ensure proper security to minimize exposure to unsolicited system intrusions and ensure adequate disaster recovery preparations. Ongoing costs associated with the new computerized maintenance management system (CMMS) for asset management are also included.
- D. Professional fees are budgeted for the annual financial audit, legal assistance, legislative advocacy, pension plan actuarial reporting, pension plan investment assistance, supervisory and leadership training, communication services, computer-related assistance, investment portfolio reviews, and assistance with GBRA's employee benefit plans.
- E. The Administrative & General (A&G) rate charged to all GBRA operations remains at 33% of labor.

Hydroelectric Operations

- A. All of the hydroelectric power generated within GBRA's Guadalupe Valley Hydroelectric Division is delivered to the Guadalupe Valley Electric Cooperative (GVEC). In addition to a monthly facility charge, GBRA and GVEC agreed to a rate of 3.14¢ per kilowatt-hour assuming average annual generation. Even at this rate, which generally exceeds average

market electricity pricing, the hydroelectric division cannot generate sufficient revenue to fund routine operations. After partnerships were established with newly formed Water Control & Improvement Districts (WCIDs) construction has begun on the dam and spillgates for Lakes Dunlap, and engineering design is well underway for Lakes McQueeney and Placid. As a result, electrical generation is expected to be limited to just the first few months of the fiscal year for these lakes.

- B. In the Guadalupe Valley and Canyon Hydroelectric Divisions, the hydroelectric plants will continue to be operated to produce the maximum amount of power while working within the constraints of the applicable water permits and complying with all federal and state regulations regarding water quality, temperature, and river flows.
- C. Employees of the Hydroelectric Division and Rural Utilities Division are also involved in the operation and maintenance of the Regional and Guadalupe Power Partners raw water pump stations and pipelines.

Wastewater Utility Operations

- A. In the wastewater operations of the Rural Utilities Division, employees will continue to place emphasis on the correction of infiltration and inflow (I & I) into collection systems. It is important that these I & I issues continue to be addressed to reduce potential sources of pollution and to minimize the detrimental impact on plant hydraulic capacities.
- B. A wastewater collection crew is part of GBRA's routine operations to proactively assess wastewater pipelines to clear potential blockages before an issue arises for customers. Investments in capital equipment have been made in previous years to assist the crew in their assessments. Inspection data is loaded to GBRA's asset management and GIS systems for future reference and analysis.
- C. The Dietz Wastewater Collection System, that will serve the high growth area along Highway 46 between New Braunfels and Seguin, will be operational during FY 2022. This area will continue to experience growth for many years to come.
- D. The rapid growth in the area of Guadalupe County south of New Braunfels and west of the Guadalupe River has necessitated additional infrastructure in the Stein Falls service area. GBRA has designed an expansion of the collection system leading into the Stein Falls Wastewater Treatment Plant, which is currently under construction. Bond funding for the project will be completed in early Fall 2021.
- E. GBRA's largest wastewater operation serves the City of Lockhart. This Work Plan reflects the operation of the original City of Lockhart Larremore Street Plant as well as the operation for the newer FM 20 Reclamation Plant.

- F. As of June 1, 2021, GBRA took ownership of the Sunfield Wastewater System. In FY 2021, this was a budget-to-actual operation, but has now converted to a retail operation servicing approximately 2,400 retail connections. Goforth SUD 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. Since 2006, 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 Supply Corporation, Kendall West Utility as well as the Cordillera, Comal Trace, and Johnson Ranch housing developments. During 2019, GBRA completed the \$3.5 M 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 2022 is a mitigate project of fresh water zebra mussels that affect the intake pipe leading to the plant.
- C. GBRA’s Mission, Goals and Objectives emphasize water resource projects and operations, related to both quality and quantity of water. Constituents throughout the river basin recognize the importance of maintaining water quality, while providing sufficient water quantity, especially during times of drought. Fundamental to GBRA’s mission is planning and development for the 50-year water demands of the GBRA service area. This emphasis is reflected throughout the Work Plan and Budget.
- D. The General Manager/CEO and other members of the Management Team continue to put a significant amount of time into water resource development and operations. This effort is indicative of the emphasis and importance GBRA places on water resource development. Current planning and discussions are taking place for the high growth areas within Hays and Caldwell Counties.
- E. GBRA’s contract rate for firm water is budgeted at \$157 per acre-foot per year. The program costs within GBRA’s Water Resource operations have trended up with time. Programs that will be an emphasis in the FY 2022 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 Surface Water Project, the Lower Basin Water Supply Project firming up run-of-river water rights, and the Carrizo Groundwater Supply project.

- F. Another of GBRA's areas of emphasis is in customer relations, tourism and economic development. The need to assist customers, constituents, and communities in the GBRA District with water and wastewater needs as well as assist with the quality of life in the District has been identified during previous strategic planning meetings. Tourism and economic development related activities which will continue during FY 2022 include development of river paddling trails, work with the Gorge Preservation Society on further development of the Canyon Lake Gorge, continuing support of the Texas Water Safari, and assisting several community events.
- G. The Work Plan and Budget includes a continuing emphasis on flood management activities. Funds are again budgeted for coordination with the National Weather Service and work with local emergency management coordinators. There is continued funding of existing streamflow monitoring systems throughout the river basin.
- H. Within the Water Resources Division there are funds budgeted for project and studies especially related to Water Planning, In-Stream and Environmental Flows, defense of GBRA's surface water rights, an Edwards Aquifer habitat conservation plan, control of aquatic weeds particularly non-native species, zebra mussels, the Clean Rivers Program, operational studies of Canyon Reservoir releases, hydraulic modeling, water supply issues in Kendall, Comal, Guadalupe, Caldwell, Hays and Calhoun Counties, watershed protection studies, permitting costs of new surface water supplies, and support for a GBRA Habitat Conservation Plan, which will be partially funded through a grant from Texas Parks and Wildlife Department via United States Fish & Wildlife.
- I. The water quality aspects of water resource management include the operation of the Laboratory in Seguin. GBRA recognizes that the Laboratory is an integral and essential part in the protection of the water resources of the Guadalupe River Basin. Lab personnel do much more than just analyze samples. In addition to analyzing samples and publishing the results, laboratory personnel provide valuable technical assistance to GBRA's operations, local utilities, and residents within the river basin. They also assist educators throughout the basin.
- J. The Port Lavaca Treatment Plant is unique in that GBRA owns the facility. The plant has reached its useful life and needs replacement. GBRA has been working with the City of Port Lavaca and Port O'Connor Improvement District on the study and engineering of a replacement facility as well as cost implications. A decision has yet to be made on the next steps in the planning process as the City of Port Lavaca is continuing to evaluate its options.
- K. On October 1, 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 executed during September 2000 between GBRA and the City. The contract provided that GBRA would assume the City's water treatment plant employees as well as responsibility for all operating, maintenance, and capital improvement requirements of the system. During FY 2005, a treated water pipeline running from the Luling Water Treatment Plant to the City of Lockhart was completed and placed in operation. This pipeline provides the City of

Lockhart with a supplemental, high quality surface water source of up to 1.5 million gallons per day.

- L. During FY 2000, GBRA began operation of the Regional Raw Water Delivery System (RRWDS). The RRWDS pumps stored water from the Guadalupe River to the San Marcos Water Treatment Plant as well as to the Luminant (formerly Hays Energy Limited Partnership) electric generating plant and Canyon Regional Water Authority.
- M. GBRA also began operation of a second, similar raw water delivery system during FY 2001. This project consists of a pump station located on Lake Dunlap in Guadalupe County and six miles of pipeline. The project provides cooling water to the Guadalupe Power Partners 1,100 megawatt electric generating plant.
- N. In the Calhoun County Rural Water Supply Division, new meters were installed during FY 2020 to improve system efficiency, transmit data, and reduce staff time in collecting water usage information. System improvements are currently underway to upgrade transmission lines to improve performance and efficiency of the system.
- O. GBRA staff will continue work with residents and developers as well as City and County officials in Comal and Kendall Counties to determine the need and timing of a future expansion of GBRA's Western Canyon Project from its current 10 MGD capacity up to 15 MGD.
- P. Due to the rapid growth in the northern part of the river basin, a number of road expansion projects are under development by TxDOT. Some of these projects will require some of GBRA water supply pipelines to be relocated.
- Q. Although planning began many years prior, during 2018 GBRA entered into agreements to develop a new water supply for New Braunfels Utilities, Goforth Special Utility District, and the City of Lockhart. The project involves developing 15,000 acre-feet of Carrizo Aquifer groundwater in Gonzales and Caldwell counties. GBRA and Alliance Regional Water Authority are collaboratively developing a single treatment plant and transmission system with water to be produced by 2022. Construction of the wells is well underway.

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. Currently under construction is an environmental learning building on the site to provide additional educational opportunities for students and adults alike. Self-guided tours along with expert led guided tours are available as well as educational opportunities for 5th grade classrooms that meet Texas educational standards.
- D. The GBRA staff recognizes that these recreation operations make a valuable contribution to the achievement of GBRA’s mission. In fact, public recreation is a specific duty described in GBRA’s enabling act. Staff are also involved in organizations that promote tourism development which translates into economic growth and development within the river basin. This effort broadens GBRA’s recreation and tourism development activities beyond the scope of traditional parks and recreation systems.

All Divisions

- A. In the Work Plan and Budget, all divisions are again emphasizing employee and public safety, professional development, succession planning, and technical training. As part of the Goals and Objectives emphasis on technical assistance and support, it is necessary for the staff to spend time at training programs and conferences.
- B. GBRA will also continue to emphasize its safety, health and wellness programs. A safety manager was hired during FY 2020 to assist with the implementation and ongoing evaluation of safety programs.
- C. In January 2019, GBRA implemented a new retirement plan with the Texas County and District Retirement System (TCDRS). Accumulated benefits within the Defined Benefit Pension Plan were frozen at that time. It is believed that the TCDRS plan will provide a more valuable retirement benefit to employees over the long term and reduce GBRA’s overall retirement obligations.
- D. The contribution to the GBRA Health Insurance Plan is expected to increase due to a continuing inflation trend within the health care industry. In addition, the contribution to the TCDRS retirement plan will increase in January 2022.

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 pages 21-22 of this section.

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

- A. Some divisions have a budget-to-actual operating relationship with an individual customer. These include the Buda Wastewater Treatment Plant, Singing Hills Wastewater Treatment Plant, Park Village Wastewater Treatment Plant, 4S Ranch Wastewater Treatment Plant, Port Lavaca Water Treatment Plant, Coletto Creek Reservoir, Luling Water Treatment Plant, Canyon Hydroelectric (New Braunfels Utilities), Lockhart Wastewater Reclamation System, Lockhart Water Treatment Plant and Boerne ISD Wastewater Treatment Plant Divisions. In each case, GBRA prepares an annual budget that is approved by the customer. During the course of the fiscal year, monthly billings are sent to the customer based on that budget. At the end of each fiscal year, the amount of monthly billings is adjusted to the total actual cost of service.
- B. The remaining GBRA divisions and systems sell "units of service" to a customer or customers. In each case, the customer(s) pays for the service based upon some unit such as acre-feet 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, organizational chart, staffing summary, and budget narrative. 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 first two or three pages of this section summarize the entire budget and include operating revenues, operating and maintenance expenses, other sources of income, and uses of funds for purchase of fixed assets, work in progress, and debt service. The end result is a "Net Change in Fund Balance" for the division.

Following the “Net Change in Fund Balance” amount, the remainder of each divisional budget provides more detail on salaries and wages, maintenance and repair expenses, project development activities, construction activities, and capital additions.

The final page of the section will include a Project Fund which contains budgets for capital improvement and multi-year projects, if that division has any identified within the fiscal year.

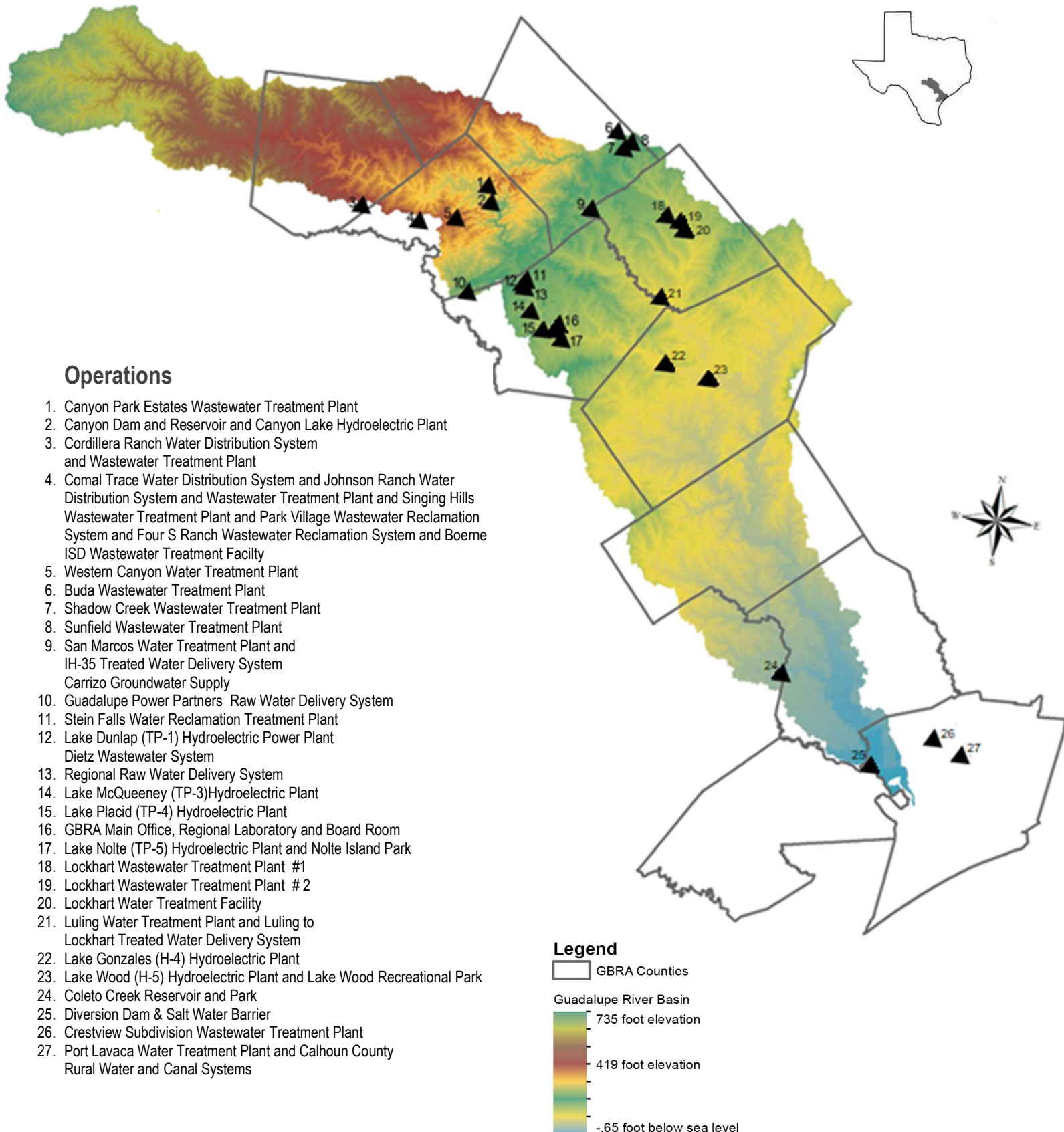
VIII. STATISTICAL & FINANCIAL DATA

Additional statistical and financial data highlighted is provided in the introductory section of the Budget and Work Plan under the Staffing, Financial, and Capital Improvements tabs. The additional data is shown in various tables and graphs including information on GBRA’s principal customers, operating statistics, capital improvements, deferred projects, and debt service information. These are provided to show an overview of GBRA’s resources and to demonstrate that GBRA continues to meet its responsibility for sound financial management.

IX. RATES

A table of rates and rate structures on pages 51-60 in the Financial Summary section summarizes GBRA’s existing and proposed rates. The rates listed for FY 2022 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 2021 to FY 2022 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.

Map of River Basin



Statistical Data

Rivers:

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

Dams and Reservoirs:

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

General Information

Guadalupe-Blanco River Authority

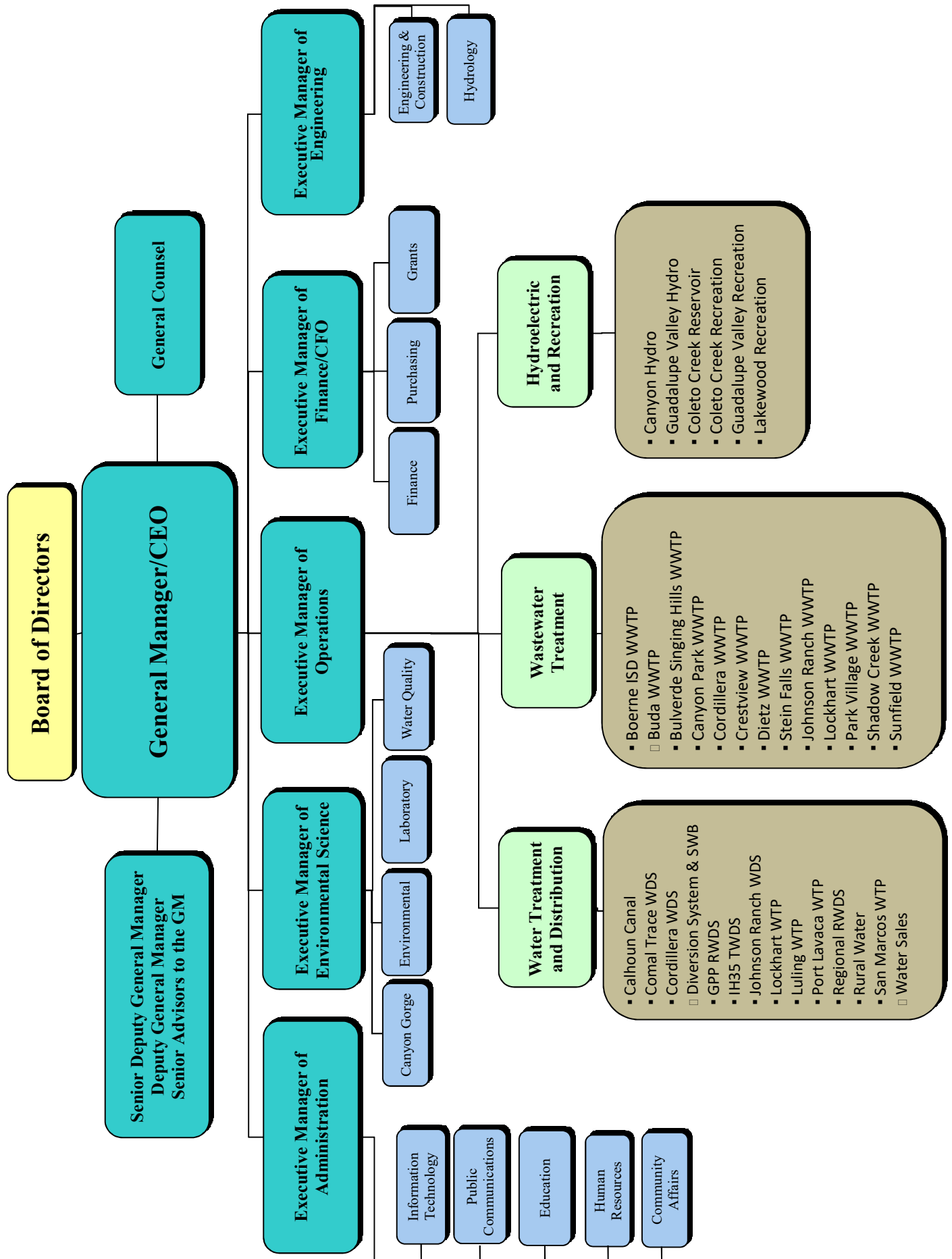
Created under..... Vernon’s Civil Statutes, Article 8280-106
Year Created 1933
Domicile..... New Braunfels, Texas
Last Revision of Enabling Act..... 1975
Last Revision of Bylaws 2012
Population of District..... 624,049
Area of District 7,300 square miles
Average Annual Rainfall of District..... 33.02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



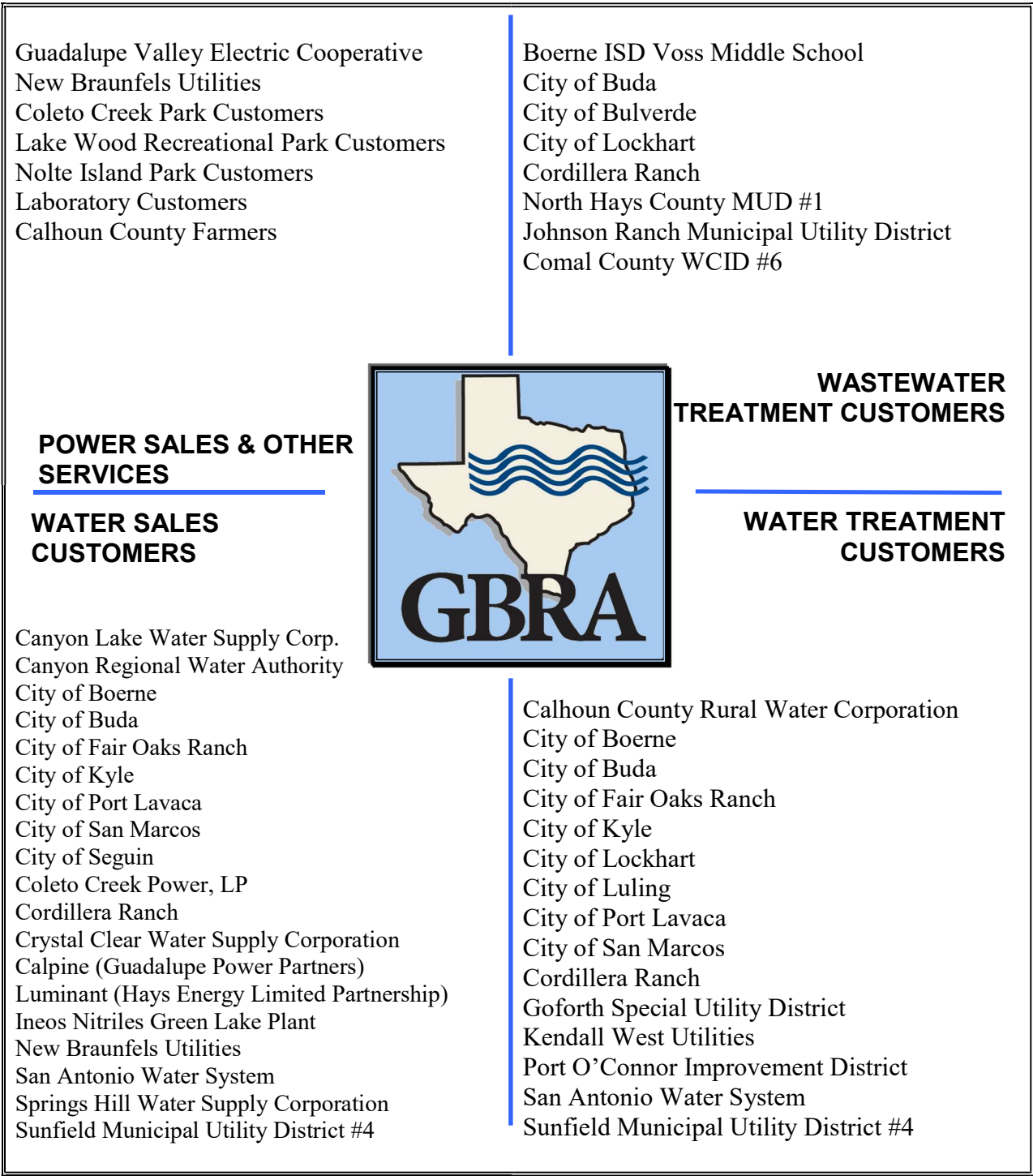
Offices

GENERAL OFFICE	933 E. COURT STREET	SEGUIN, TEXAS
Buda Wastewater Treatment Plant	575 Garison Road	Buda, Texas
Calhoun Canal, Port Lavaca WTP, Calhoun County Rural Water	Hwy. 316, Magnolia Beach Road	Port Lavaca, Texas
Coletto Creek Park and Reservoir	365 Coletto Park Road	Fannin, Texas
Hydroelectric Divisions, Rural Utilities, Water Sales and Laboratory	933 E. Court Street	Seguin, Texas
Lake Wood Recreation Area	167 County Road 254	Gonzales, Texas
Lockhart Wastewater Reclamation System	4435 FM 20 North	Lockhart, Texas
Lockhart Water Treatment Plant	547 Old McMahan Road	Lockhart, Texas
Luling Water Treatment Plant	350 Memorial Drive	Luling, Texas
San Marcos Water Treatment Plant	91 Old Bastrop Road	San Marcos, Texas
Western Canyon Division	4775 South Cranesmill Rd.	Canyon Lake, Texas
Canyon Lake Office	2075 FM 2673, Suite D	Canyon Lake, Texas

Guadalupe-Blanco River Authority Operational Chart



List of Principal Customers



Operating Statistics

Operating Statistics	Actual			Budget	
	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Water Treatment Customers:					
<i>Total Retail Water Distributed (Gal.)</i>					
Calhoun County Rural Water Division	83,300,000	86,693,565	85,449,000	89,240,000	83,000,000
Cordillera WDS	146,189,505	137,563,000	131,719,000	154,479,000	260,000,000
<i>Total Water Treated (Gal.)</i>					
Lockhart Water Treatment Plant	575,461,000	526,173,000	561,983,000	542,567,000	552,523,000
Luling Water Treatment Plant	676,748,000	617,172,000	664,876,000	654,347,000	658,599,000
Port Lavaca Water Treatment Plant	680,921,000	636,943,000	691,659,000	692,290,000	673,080,000
San Marcos Water Treatment Plant	4,173,404,000	3,830,390,000	4,426,520,000	3,941,124,000	4,625,290,000
Western Canyon Water Treatment Plant	3,664,963,000	3,651,168,000	4,277,936,585	3,649,531,000	3,650,000,000
Wastewater Treatment Customers:					
<i>Total Retail Wastewater Collected (Gal.)</i>					
Cordillera WWTP	15,206,800	18,040,000	20,922,000	21,423,150	25,000,000
Crestview Subdivision WWTP	2,562,794	3,709,000	2,711,463	2,000,000	2,000,000
Johnson Ranch WWTP	14,125,400	19,860,000	21,104,000	21,512,000	29,000,000
Rural Utilities Division	181,400,000	209,700,000	121,972,365	135,035,000	207,000,000
Shadow Creek WWTP	61,690,000	71,250,000	90,980,000	87,600,000	108,000,000
<i>Total Wastewater Treated (Gal.)</i>					
Boerne ISD WWTP	--	--	--	912,500	615,000
Buda Wastewater Treatment Plant	394,200,000	428,560,000	409,440,000	444,000,000	466,000,000
Bulverde Singing Hills WWTP	--	15,190,000	14,389,000	14,481,000	20,000,000
Lockhart Wastewater Reclamation System	399,400,000	366,470,000	370,710,000	433,140,000	433,770,000
Sunfield Wastewater Treatment Plant	54,750,000	83,980,000	102,070,000	135,000,000	160,000,000
Water Sales Customers:					
<i>Rice Irrigation First Crop (Acres)</i>					
Calhoun Canal System	291	--	--	--	--
<i>Water Delivered (Gal.)</i>					
Guadalupe Power Partners RWDS	1,152,533,000	1,014,987,000	1,255,210,000	1,051,366,000	1,031,520,000
IH 35 TWDS	1,112,993,000	1,661,547,000	1,909,610,000	1,958,225,000	2,029,400,000
Regional RWDS	5,190,054,000	5,032,365,000	5,515,430,000	5,368,134,000	5,725,587,000
Lu-Lo TWDS	426,367,000	386,499,000	409,600,000	405,232,000	405,465,000
Power Sales:					
<i>Total Generation (kWh)</i>					
Guadalupe Valley Hydroelectric Division	28,993,400	62,320,000	21,878,000	30,083,850	23,197,304
Canyon Hydroelectric Division	180,453	15,770,000	1,226,900	8,608,140	3,358,240

Operating Statistics

Operating Statistics (cont.)	Actual			Budget	
	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Other Services:					
<i>Annual Permits</i>					
Coletto Creek Regional Park	252	241	241	225	225
Lake Wood Recreational Park	1	3	3	--	--
<i>Camping Permits</i>					
Coletto Creek Regional Park	14,962	13,609	12,877	10,080	10,080
Lake Wood Recreational Park	2,114	2,263	23	845	845
<i>Cabin Permits</i>					
Coletto Creek Regional Park	532	391		650	650
<i>Day Use Permits</i>					
Coletto Creek Regional Park	16,547	15,065	8,417	17,500	17,000
Lake Wood Recreational Park	1,605	1,745	1,318	1,745	1,745
<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 posting 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 prepared on a full accrual basis and presented in whole dollars. Not only are expenses recognized when a commitment is made, but revenues are also recognized when they are obligated to the Authority. The Comprehensive Annual 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, while purchases of capital improvements are depreciated and amortized in the Financial Report); deferred costs and expenses (these deferred costs and expenses are not shown in the budget, but are recognized in the Financial Report); and compensated absences (accrued but unused vacation leave) are not recognized in the budget.

Budget Calendar

<i>Date</i>	<i>Task</i>
June 15	Mail <i>Port Lavaca</i> budget to the City of Port Lavaca
June 15	Mail <i>Coletto Creek Reservoir</i> budget to Coletto Power Group, LP
July 1	Mail <i>Shadow Creek WWTP</i> budget to North Hays County MUD
July 1	Mail <i>Buda WWTP</i> budget to City of Buda
July 1	Mail <i>Boerne ISD Voss Middle School WWTP</i> budget to Boerne ISD
July 1	Mail <i>Canyon Hydro</i> budget to New Braunfels Utilities
July 1	Mail <i>Lockhart WWTP & WTP</i> budgets to the City of Lockhart
July 15	Mail proposed budgets to GBRA Board members
July 15	Mail <i>G.V. Hydroelectric</i> budget to GVEC (not a contract requirement)
July 15	Mail <i>Singing Hills WWTP</i> budget to City of Bulverde
July 15	Mail <i>Calhoun County RW</i> budget to Rural Water Board
July 15	Mail <i>Luling WTP</i> budget to the City of Luling
August 1	Mail <i>Cordillera</i> budgets to Cordillera Ranch, LTD
August 1	Mail <i>Johnson Ranch</i> budgets to DH Investment
August 1	Mail <i>Park Village WWTP and 4S Ranch WWTP</i> to Comal County WCID #6
June 16	Review proposed budgets with GBRA Board
August 18	Board scheduled to approve 2022 budgets



Holiday Schedule

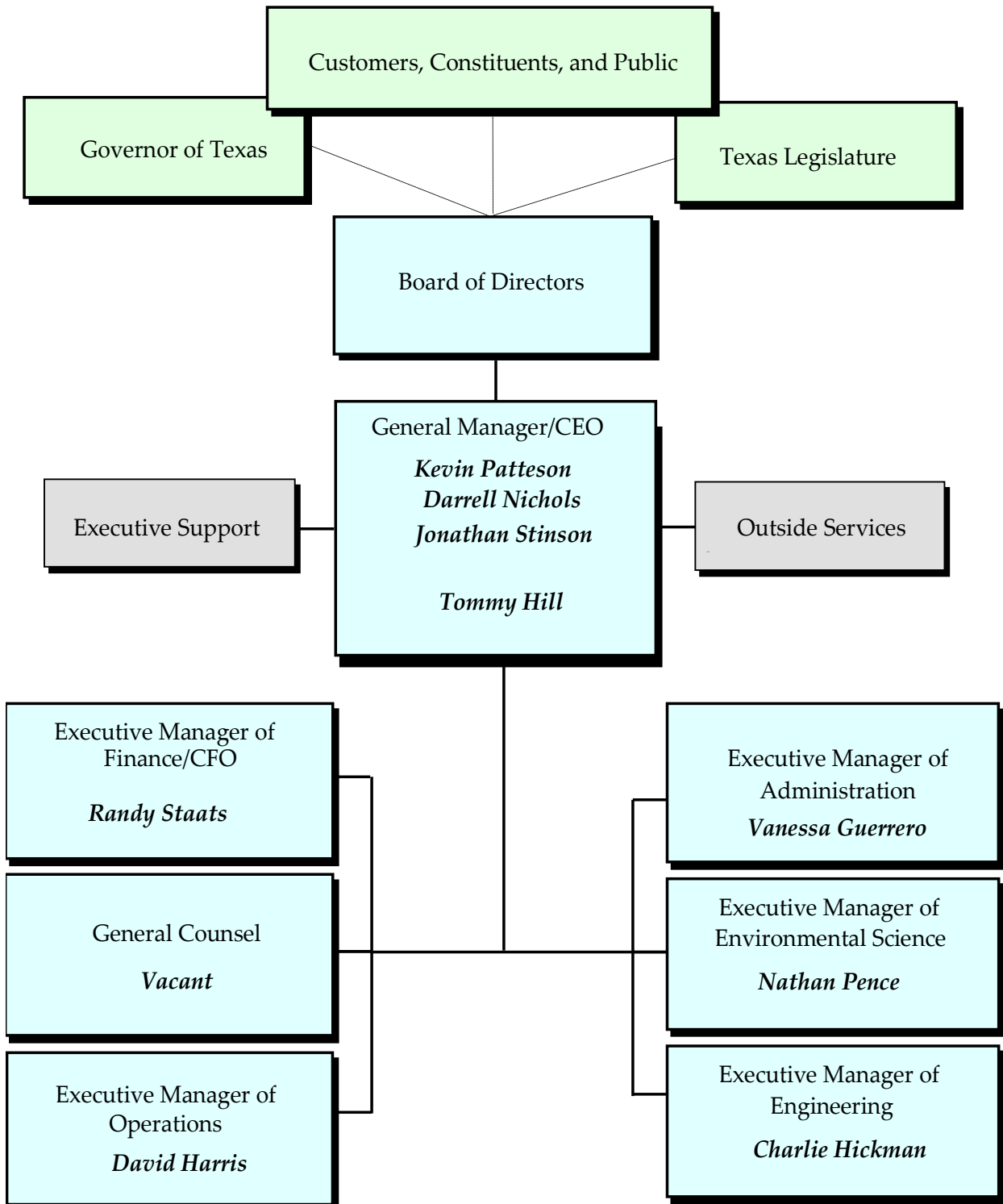
GBRA Holiday Schedule for Fiscal Year 2022		
Holiday	Day of the Week	Date
Labor Day	Monday	September 5, 2021
Thanksgiving	Thursday	November 25, 2021
Thanksgiving	Friday	November 26, 2021
Christmas	Friday	December 24, 2021
Christmas	Seasonal Holiday 1	*
Christmas	Monday	December 27, 2021
New Year's Eve	Friday	December 31, 2021
New Year's Day	Seasonal Holiday 2	**
Martin Luther King Day	Monday	January 17, 2022
Good Friday	Friday	April 15, 2022
Memorial Day	Monday	May 30, 2022
Independence Day	Monday	July 4, 2022
Safety Holiday	***	***
Floating Holiday	****	****

- Safety Holiday awarded if there are no lost time accidents in Fiscal Year.



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GBRA Organizational Chart



GBRA Board of Directors



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



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



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



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



Director
COMAL COUNTY
Vacant



Steve Ehrig
Director
GONZALES COUNTY
Appointed: 2018, Gov. Greg Abbott



Oscar H. Fogle
Director
CALDWELL COUNTY
Reappointed: 2018, Gov. Greg Abbott



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



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

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

Organizational Leaders

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

Board of Directors

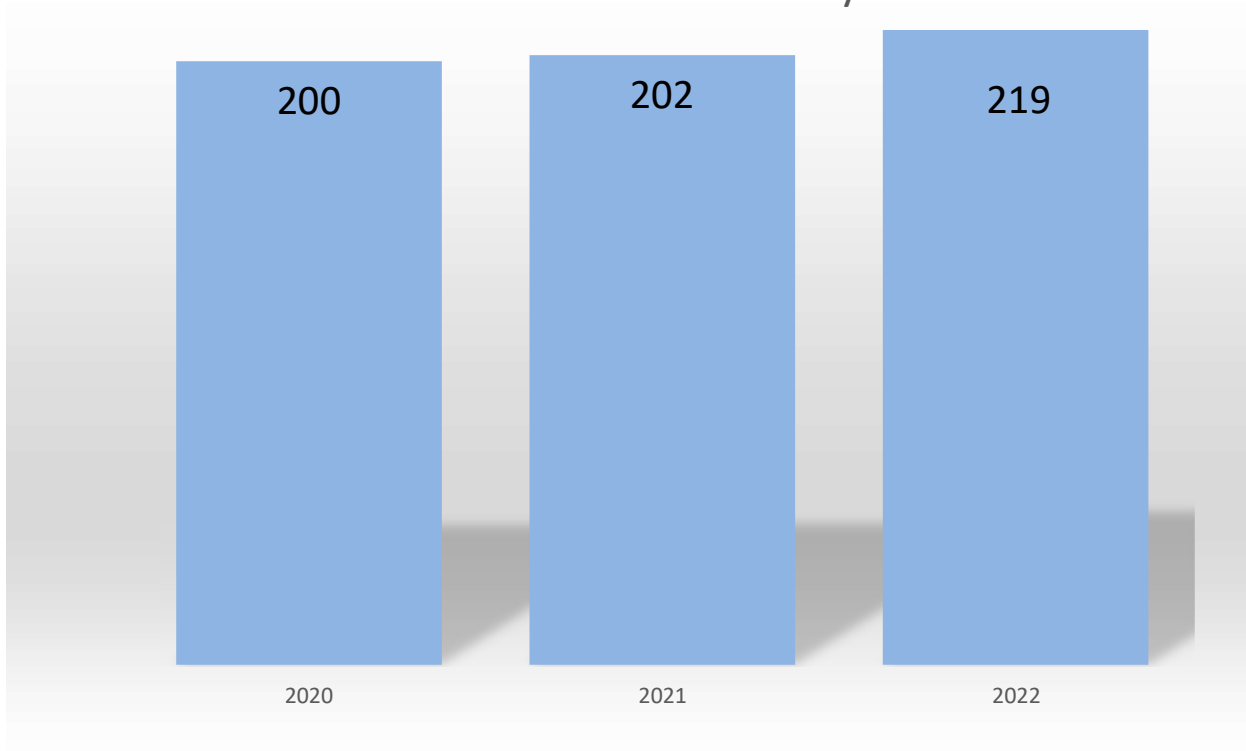
NAME	POSITION	ORIGINAL APPOINTMENT	TERM EXPIRES	COUNTY REPRESENTING
Dennis L. Patillo	Chair	4/05/11	2/1/27	Victoria
Don B. Meador	Vice Chair	5/14/13	2/1/25	Hays
William R. Carbonara	Sec/Treasurer	5/14/13	2/1/25	Dewitt
Vacant	Director	--	--	Comal
Oscar H. Fogle	Director	3/24/08	2/1/23	Caldwell
Kenneth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

Executive Team

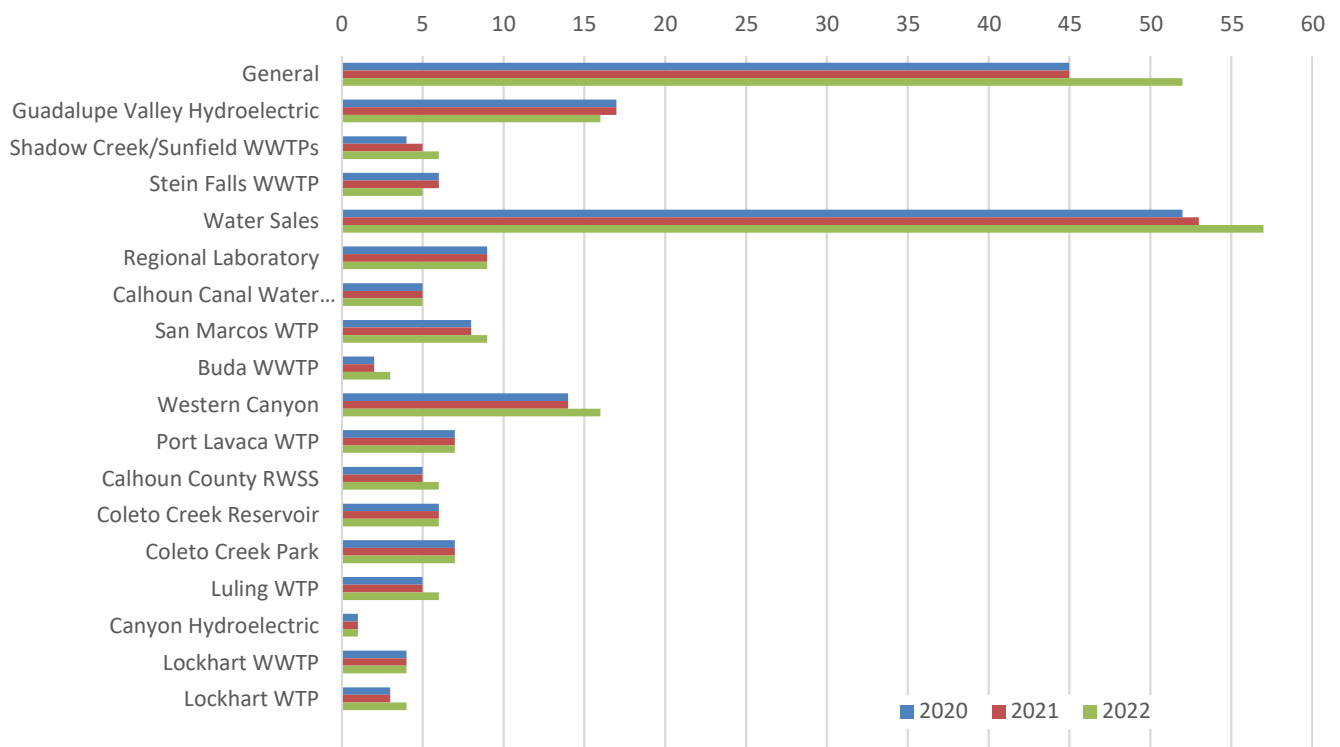
NAME	POSITION
Kevin Patteson	General Manager/CEO
Darrell Nichols	Senior Deputy General Manager
Jonathan Stinson	Deputy General Manager
Tommy Hill	Senior Advisor to the General Manager
Vacant	General Counsel
Vanessa Guerrero	Executive Manager of Administration
Charlie Hickman	Executive Manager of Engineering
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)
	2020	2021	2022	
General	45	45	52	7
Guadalupe Valley Hydroelectric	17	17	16	-1
Shadow Creek/Sunfield WWTPs	4	5	6	1
Stein Falls WWTP	6	6	5	-1
Water Sales	52	53	57	4
Regional Laboratory	9	9	9	0
Calhoun Canal Water Distribution	5	5	5	0
San Marcos WTP	8	8	9	1
Buda WWTP	2	2	3	1
Western Canyon	14	14	16	2
Port Lavaca WTP	7	7	7	0
Calhoun County RWSS	5	5	6	1
Coletto Creek Reservoir	6	6	6	0
Coletto Creek Park	7	7	7	0
Luling WTP	5	5	6	1
Canyon Hydroelectric	1	1	1	0
Lockhart WWTP	4	4	4	0
Lockhart WTP	3	3	4	1
Total	200	202	219	17

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	Project Manager
Deputy Executive Manager of Finance	Senior Engineer
Deputy Executive Manager of Operations	

Up to \$15,000	
Clean River Supervisor	IT Manager
Communication Manager	Lead Lab Administrator
Asset Manager	Plant Managers
Controller	Purchasing Manager
Deputy Executive Manager of Environmental	Reservoir Manager
Director of Regulatory & Customer Affairs	Safety & Risk Manager
Division Managers	Special Projects Manager
Human Resources Manager	Strategic & Community Affairs Manager

Up to \$5,000	
Accounting Services Supervisor	Executive Assistants
Chief Operators	GIS Administrator
Chief Rangers	Grant Writer/Administrator
Electrical/Instrumentation Control Analyst	Maintenance Supervisors
Database Administrator	Network Administrator
Chief Water Tenders	Paralegal
Deputy Division Managers	Project & Community Representative
Electrical/Instrumentation Tech Supervisor	Regional Representative
Engineers	SCADA Administrator

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

Staffing and Compensation Tables

POSITION	SYSTEM
EXECUTIVE AND ADMINISTRATIVE STAFF	
General Manager/CEO	010
Senior Deputy General Manager	010
Deputy General Manager	010
Senior Advisor to the General Manager	010
General Counsel	010
Executive Manager of Administration	010
Executive Manager of Finance/CFO	010
Associate General Counsel	010
Assistant General Counsel	010
Assistant General Counsel	010
Deputy Executive Manager of Finance	010
Special Projects Manager	010
Special Projects Manager	010
Projects Manager	010
Communication Manager	010
Controller	010
Director of Regulatory & Customer Affairs	010
Human Resources Manager	010
IT Manager	010
Purchasing Manager	010
Safety & Risk Manager	010
Strategic & Community Affairs Manager	010
Accounting Services Supervisor	010
Project & Community Representative	010
Executive Assistant to the General Manager	010
GIS Administrator	010
Grant Writer/Administrator	010
Database Administrator	010
Network Administrator	010
SCADA Administrator	010
SCADA Administrator	010
Paralegal	010
Regional Representative	010
Communications Specialist	010
Environmental Education Administrator	010
Media Specialist	010
SCADA Technician	010
SCADA Technician	010
Environmental Education Specialist	010
Help Desk Tech	010
Records Manager	010
Accountant	010
Accountant	010
Administrative Support Assistant	010
Human Resources Specialist	010



POSITION	SYSTEM
EXECUTIVE AND ADMINISTRATIVE STAFF	
Accounting Assistant I	010
Accounting Assistant I	010
Customer Service Assistant II	010
Customer Service Assistant II	010
Buyer	010
Records Assistant	010
Utility Billing/Customer Service Specialist	010
PROJECT ENGINEERING & DEVELOPMENT	
Executive Manager of Engineering	041
Senior Engineer	041
Senior Engineer	041
Project Manager	041
Electrical/Instrumentation Control Analyst	041
Electrical/Instrumentation Control Analyst	041
Engineer	041
Engineer	041
Project Coordinator	041
Project Engineer	041
Hydrologist/Technician (P/T)	041
Engineering Assistant	041
Construction Inspector-Lead	041
Construction Inspector	041
Construction Inspector	041
Construction Inspector	041
Construction Inspector	041
Construction Inspector	041
Engineering Analyst	041
RESOURCE POLICY & STEWARDSHIP	
Executive Manager of Environmental Science	041
Deputy Executive Manager of Environmental Science	041
Aquatic Biologist	041
Senior Environmental Services Administrative Assistant	041
Clean Rivers Program Supervisor	041
Habitat Conservation Plan Coordinator	041
Water Quality Technician I	041
Gorge Supervisor	041
Gorge, Park Ranger	041
Gorge, Administrative Assistant	041
Gorge, Program Assistant, Lead	041
Gorge, Program Assistant	041
Gorge, Program Assistant	041
Gorge, Program Assistant	041
Gorge, Program Assistant	041
Gorge, Program Assistant (P/T)	041
Gorge, Maintenance	041



POSITION	SYSTEM
OPERATIONS & WATER QUALITY	
Executive Manager of Operations	041
Deputy Executive Manager of Operations	041
Division Manager – Calhoun/Refugio Operations	041
Division Manager – Hays/Caldwell Operations	041
Division Manager – Hydroelectric Operations	041
Division Manager – Western Canyon Operations	041
Asset Manager	041
Deputy Division Manager	021
Maintenance Supervisor II	021
Purchasing & Inventory Coordinator	021
Control Room Operator	021
Control Room Operator	021
Control Room Operator	021
Control Room Operator	021
Heavy Equipment Operator	021
Maintenance Crew Leader	021
Maintenance Crew II	021
Maintenance Crew II	021
Maintenance Crew II	021
Maintenance Crew II	021
Maintenance Crew	021
Maintenance Crew	021
Maintenance Crew	021
Hays Wastewater Manager	030
Operator III	030
Operator III	030
Operator II	030
Chief Operator	033
Operator IV	033
Operator III	033
Operator II	033
Operator II	033
Operator III	037
Operator II	037
Electrical/Instrumentation Technician Supervisor	041
Electrical/Instrumentation Technician	041
Electrical/Instrumentation Technician	041
Electrical/Instrumentation Technician	041
Electrical/Instrumentation Technician	041
Facilities Technician	041



POSITION	SYSTEM
OPERATIONS & WATER QUALITY (Continued)	
Collection System/Pipeline Supervisor	041
Collection System/Pipeline Maintenance Crew	041
Collection System/Pipeline Maintenance Crew	041
Collection System/Pipeline Maintenance Crew	041
Collection System/Pipeline Maintenance Crew	041
Collection System/Pipeline Maintenance Crew	041
Maintenance Technician	041
Maintenance Technician, Lake Wood/Nolte	041
Park Ranger, Lake Wood/Nolte	041
Utility Accounts Assistant	041
Lead Lab Administrator	041
Customer Project Manager I	041
Quality Assurance Officer I	041
Laboratory Analyst, Lead	041
Laboratory Technician III	041
Laboratory Technician III	041
Laboratory Technician III	041
Laboratory Technician II	041
Sample Custodian/Lab Tech I	041
Chief Water Tender	043
Heavy Equipment Operator	043
Maintenance Chief	043
Water Tender	043
Water Tender	043
Plant Manager	044
Chief Operator	044
Operator III	044
Operator III	044
Operator III	044
Operator III	044
Operator II	044
Operator I	044
Operator I	044
Operator IV	045
Operator III	045
Operator II	045
Western Canyon/RUD Wastewater Manager	050
Chief Operator	050
Chief Operator	050
Electrical/Instrumentation Technician	050
Operator IV	050



POSITION	SYSTEM
OPERATIONS & WATER QUALITY (Continued)	
Distribution/Plant Operator III	050
Lead Operator	050
Operator III	050
Operator II	050
Operator II	050
Operator II	050
Operator II	050
Operator II	050
Operator I	050
Operator I	050
Operator-Float	050
Chief Operator	060
Secretary	060
Maintenance Chief	060
Operator II	060
Operator II	060
Operator II	060
Operator II	060
Chief Operator	070
Customer Service Assistant II	070
Maintenance Operator III	070
Maintenance Operator II	070
Maintenance Operator II	070
Maintenance Operator II	070
Reservoir Manager	091
Electrical/Instrumentation Technician	091
Administrative Assistant Senior	091
Maintenance Crew	091
Maintenance Crew	091
Maintenance Crew	091
Chief Ranger	092
Reservoir Ranger I	092
Reservoir Ranger I	092
Reservoir Ranger I	092
Reservoir Ranger I	092
Reservoir Ranger II	092
Administrative Assistant I	092
Chief Operator	100
Operator IV	100
Operator III	100

POSITION	SYSTEM
OPERATIONS & WATER QUALITY (Continued)	
Operator II	100
Operator II	100
Operator II	100
Maintenance Crew II	120
Chief Operator	130
Operator III	130
Operator II	130
Operator II	130
Operator III	131
Operator II	131
Operator II	131
Operator II	131

Wage Compensation Structure

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



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Financial Summary

Background

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

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

Types of Operating Systems

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

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

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

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

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

Financial Summary

Division	Guadalupe-Blanco River Authority				
	OPERATING		DEBT SERVICE		Change in Fund Balance
	Revenue	Expenses	Revenue	Expenses	
General	4,593,450	5,293,450	700,000	0	0
G.V. Hydro	1,434,408	2,880,905	0	0	(1,446,497)
RUD-Shadow Creek	1,103,688	948,998	0	0	154,690
RUD-Canyon Pk	469,090	469,090	0	0	0
RUD-Stein Falls	3,122,816	1,553,799	0	876,780	692,237
RUD-Sunfield	2,091,269	1,082,629	0	0	1,008,640
RUD-Dietz	38,290	94,321	0	0	(56,031)
RUD	6,825,153	4,148,837	0	876,780	1,799,536
WR-Water Sales	22,990,548	21,105,733	3,882,612	5,738,998	28,429
WR-Canal	1,513,504	1,502,157	0	0	11,347
WR-San Marcos	2,562,377	2,562,377	0	0	0
WR-Buda	1,073,964	1,073,964	0	0	0
WR-Carrizo	1,230,000	1,228,494	1,670,036	1,621,645	49,897
Water Resources	29,370,393	27,472,725	5,552,648	7,360,643	89,673
WC-WTP	4,557,707	4,552,707	5,248,544	5,246,882	6,662
WC-4S Ranch WW	434,490	434,490	0	0	0
WC-Cordillera WDS	1,354,000	928,820	0	0	425,180
WC-Cordillera WWTP	477,889	477,889	0	0	0
WC-Comal Trace	322,015	296,127	0	0	25,888
WC-Johnson Ranch WDS	813,600	514,061	0	0	299,539
WC-Johnson Ranch WWTP	462,434	456,344	0	0	6,090
WC-Singing Hills WWRS	376,459	376,459	0	0	0
WC-Park Village WWRS	306,243	306,243	0	0	0
WC-Boerne ISD WWTP	101,732	101,732	0	0	0
Western Canyon	9,206,569	8,444,872	5,248,544	5,246,882	763,359
Port Lavaca WTP	1,770,872	1,770,872	30,646	30,646	0
Rural Water	1,859,806	1,778,695	0	0	81,111
CC-Reservoir	935,319	935,319	0	0	0
CC-Recreation	989,950	982,918	0	0	7,032
Coletto Creek	1,925,269	1,918,237	0	0	7,032
Luling	1,498,973	1,496,823	447,800	447,800	2,150
Canyon Hydro	446,646	446,646	0	0	0
Lockhart-WWTP	1,393,158	1,393,158	0	0	0
Lockhart-WTP	989,296	989,296	0	0	0
Lockhart	2,382,454	2,382,454	0	0	0
	61,313,993	58,034,516	11,979,638	13,962,751	1,296,364



Financial Summary

Designated Capital Improvement Program

Project #	Division	Funding Source	Project Description	Previous Funding	Current/ Future Funding	TOTALS
1	041 - Water Sales	Budget	Diversion System Improvements	\$600,000	\$0	\$600,000
2	041 - Water Sales	Budget	Ground/Surface Water Interactions	\$100,000	\$0	\$100,000
3	041 - Water Sales	Budget	Surface Water Rights	\$0	\$500,000	\$500,000
4	041 - Water Sales	Budget	Corp of Engineers - Dam Costs/Projects	\$690,377	\$0	\$690,377
5	050 - Western Canyon	3rd Party	SH 46 Pipeline Relocation - Engineering	\$0	\$291,805	\$291,805
TOTALS				\$1,390,377	\$791,805	\$2,182,182

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

- 1 Evaluation, planning and design for system improvements in the diversion system.
- 2 Study for data collection of interaction between groundwater and surface water.
- 3 Purchase of water rights.
- 4 Contractual obligation for COE O&M costs, building up for large COE projects based on estimates received.
- 5 Relocation of water lines due to road expansion, estimated amount not reimbursed by Texas Dept. of Transportation (TxDOT).



Financial Summary

Bond Funded Projects

Project #	Division	Project Description	Previous Funding	Current/ Future Funding	TOTALS
A	033 - Stein Falls	WW Collection System Expansion	\$0	\$23,000,000	\$23,000,000
B	037 - Sunfield	WWTP Expansion	\$0	\$17,100,000	\$17,100,000
C	039 - Dietz	WW Collection System	\$0	\$7,000,000	\$7,000,000
D	041 - Water Sales	Lower Basin Storage Project	\$0	\$35,176,000	\$35,176,000
E	041 - Water Sales	Carrizo Groundwater Supply Project	\$140,705,000	\$72,250,000	\$212,955,000
F	041 - Water Sales/010 - General	Office Expansion	\$0	\$9,500,000	\$9,500,000
G	060 - Port Lavaca Water Treatment	Port Lavaca WTP Replacement	\$0	\$57,860,171	\$57,860,171
H	070 - Calhoun County Rural Water	Distribution System Improvements	\$0	\$3,642,100	\$3,642,100
TOTALS			\$140,705,000	\$225,528,271	\$366,233,271

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

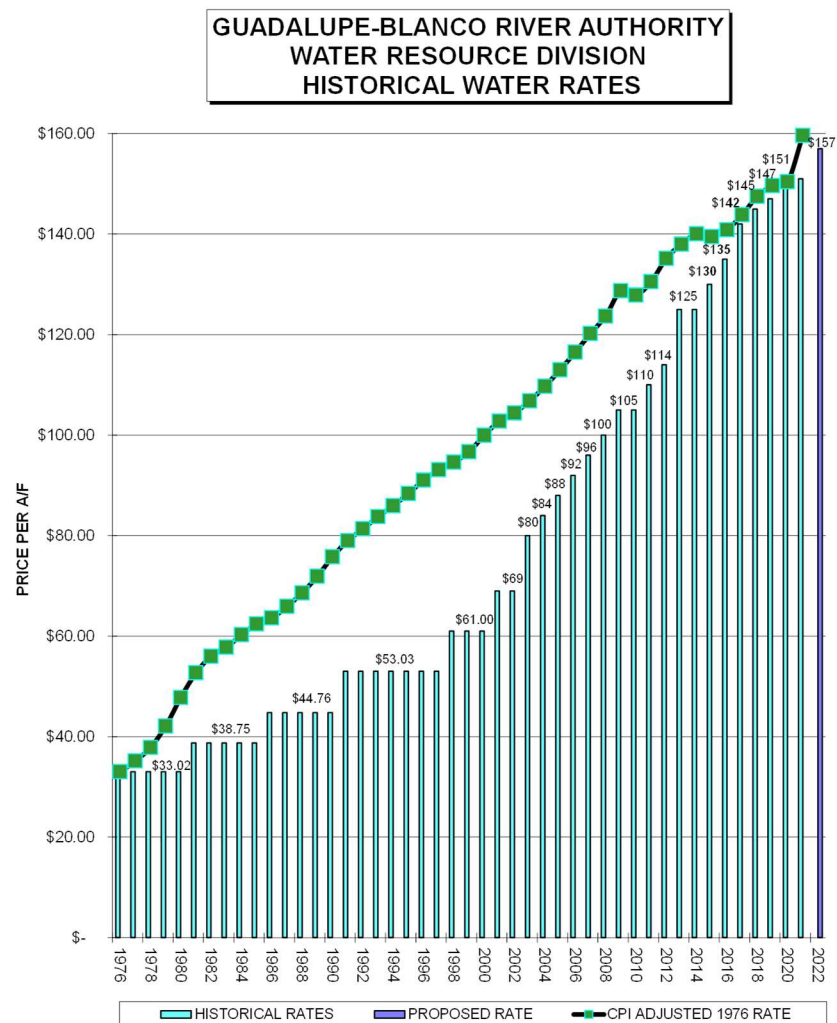
- A Engineering design, easement acquisition, and expansion of collection system.
- B Engineering design and expansion of wastewater treatment plant.
- C Engineering design, easement acquisition and construction of collection system.
- D Engineering and construction of lower basin reservoir for water storage.
- E Design, engineering and construction of groundwater distribution project.
- F Expansion of office space.
- G Engineering design and construction of new water treatment plant to replace existing plant.
- H Engineering design and construction of system improvements.

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 \$151 to \$157 per acre-foot per year (AF).

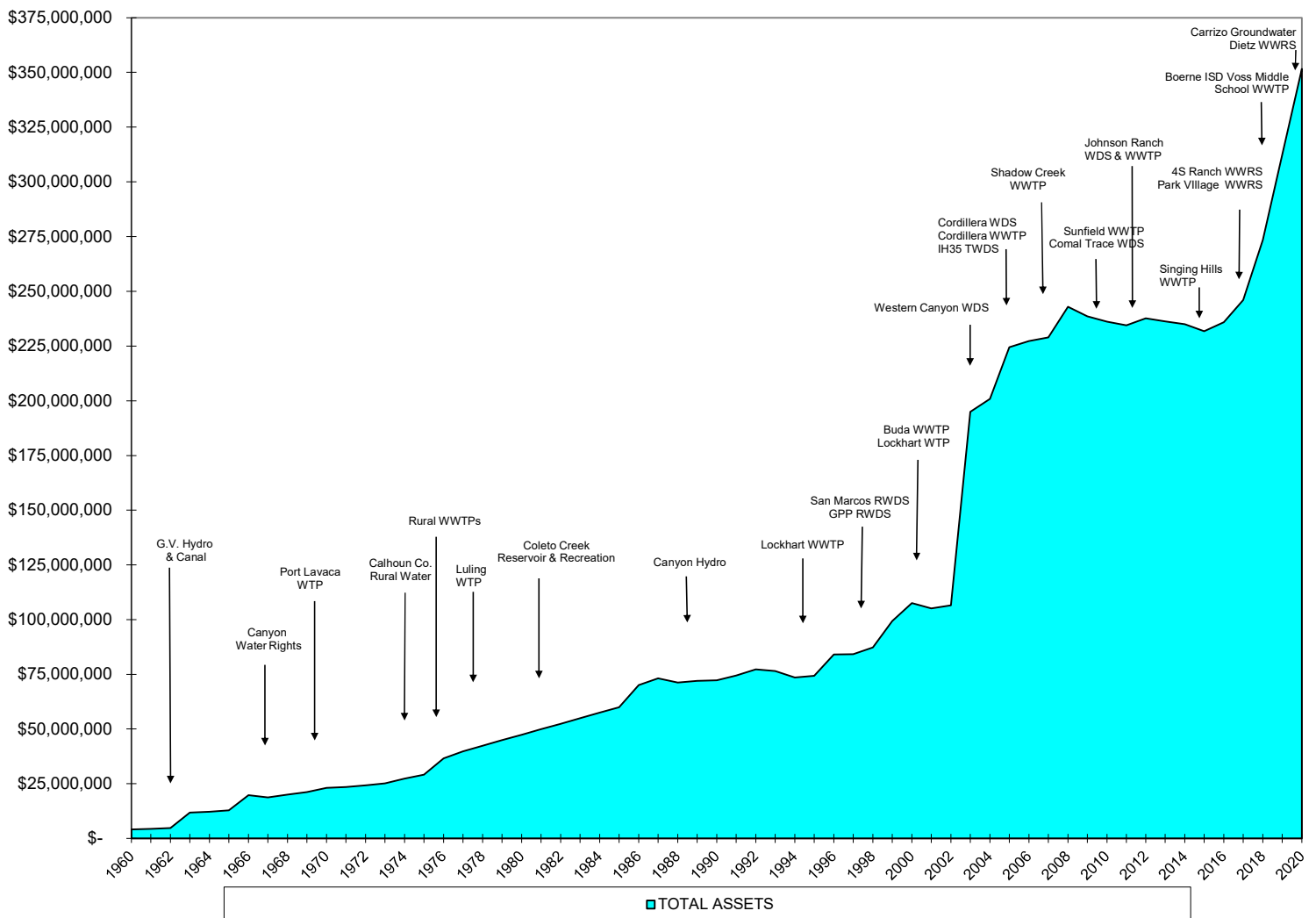


Financial Trend

The following graph represents GBRA’s asset and operational growth since the “kick-off” of the water operations in the early 1960’s following the purchase of Guadalupe Valley Hydroelectric System and the Calhoun Canal System. The latest operation being added is the Dietz Wastewater System.

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

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

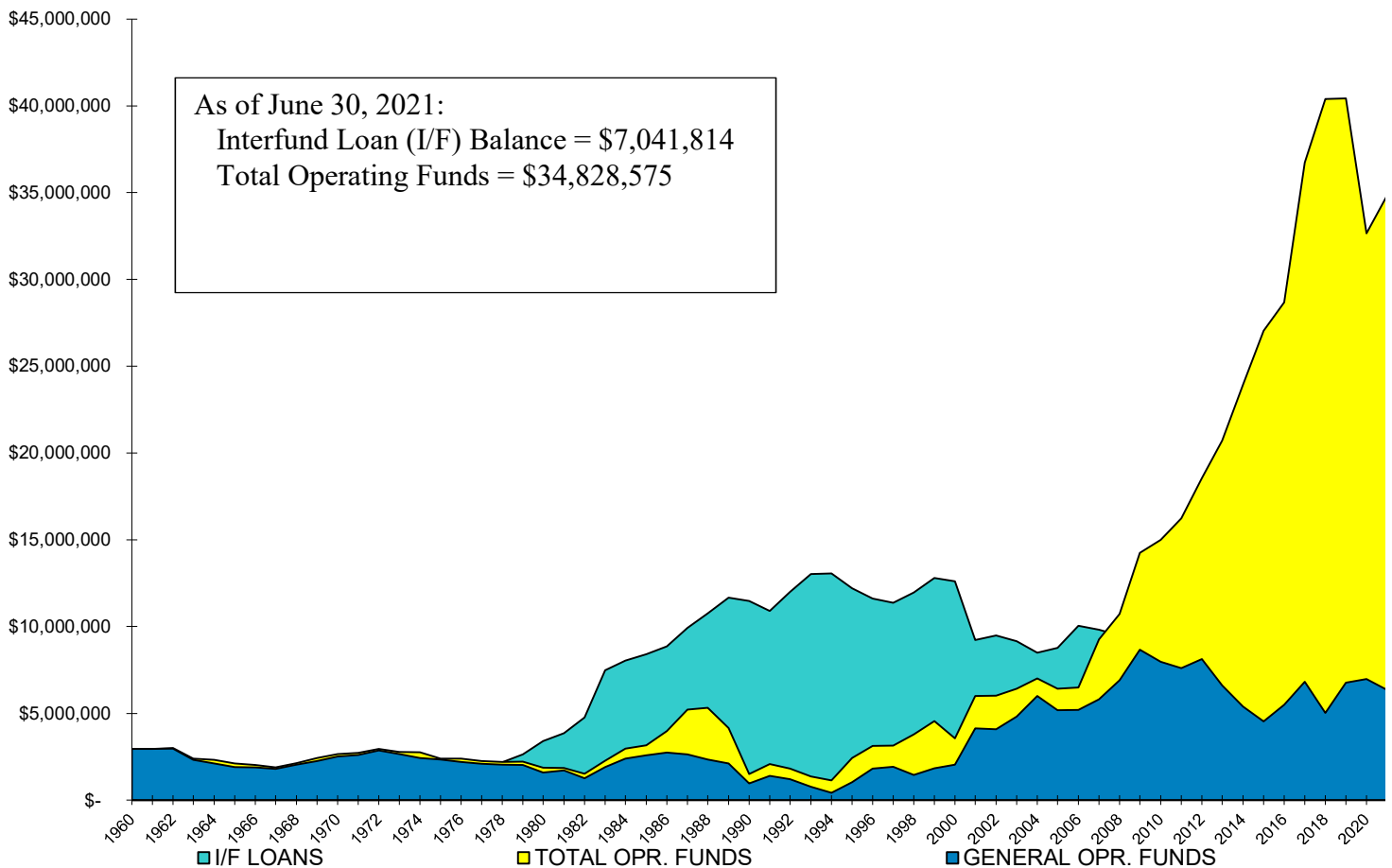


Financial Reserve Data

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

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

The FY 2022 Budget sustains the Board's working capital reserve policy.

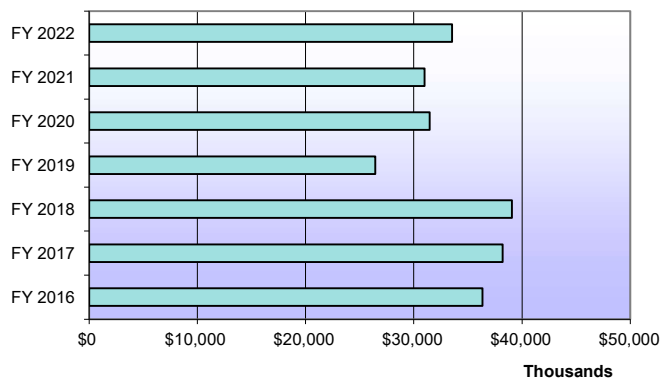
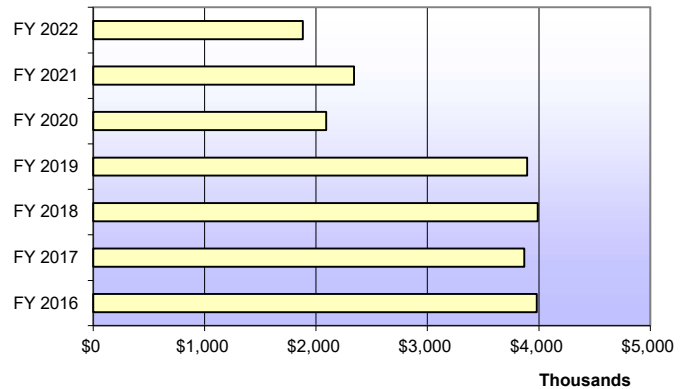




Historical Operating Revenues

Power Sales

The power sales are based on river flows and fixed contracts. The portion contingent on river flows has declined due to less power being generated due to gate failures and continued drought conditions. A portion of the fixed component is reduced due to a contractual decrease in the facility charge from \$125K/mth to \$83K/mth.



Water Sales and Reservoir

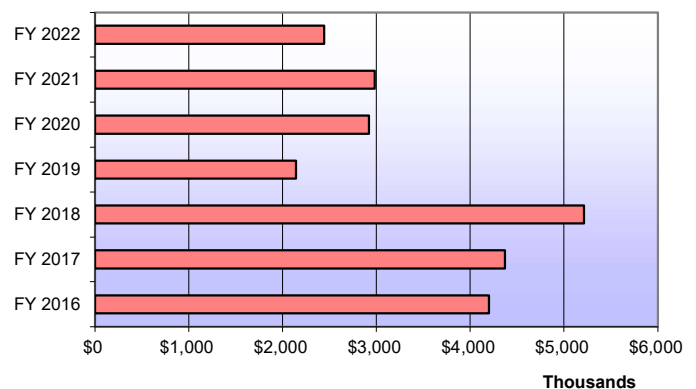
Water Sales and Reservoir revenues are derived from the sale of raw and treated water to customers throughout the river basin. These have generally increased over the years due to the demand for more water; the initiation of water projects such as the Western Canyon, Luling-to-Lockhart, IH35 projects, 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.

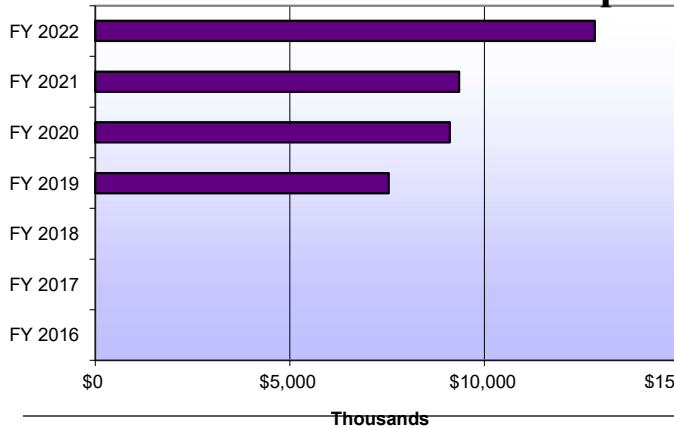
Wastewater Services

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 920,990/M gal. in 2016 to a projected 1,420,385/M gal. in 2022.

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

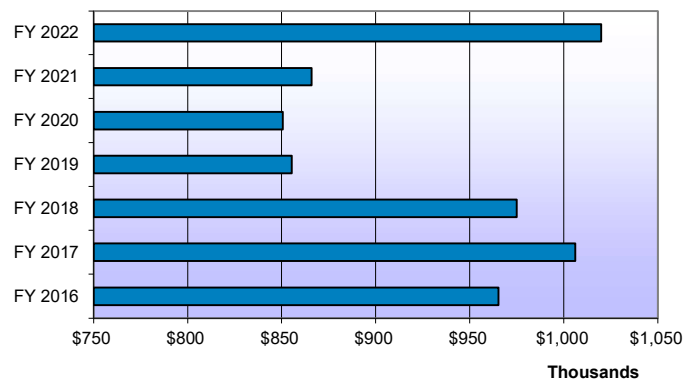
The retail distribution of treated water and collection of wastewater steadily increases with build-out of existing service areas and the addition of new connections. Current active customer connections for these retail services approximates 8,300 throughout GBRA's river basin.

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

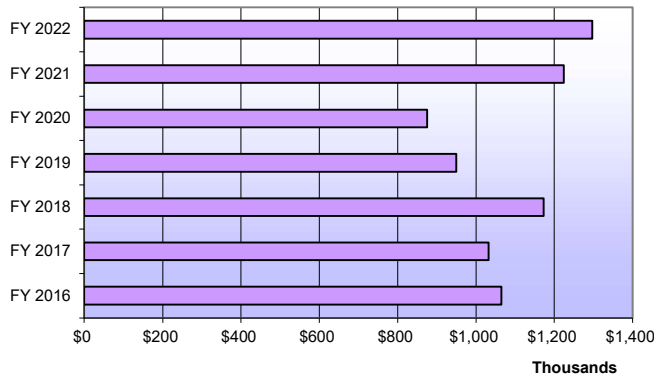
Thousands

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.



Thousands



Thousands

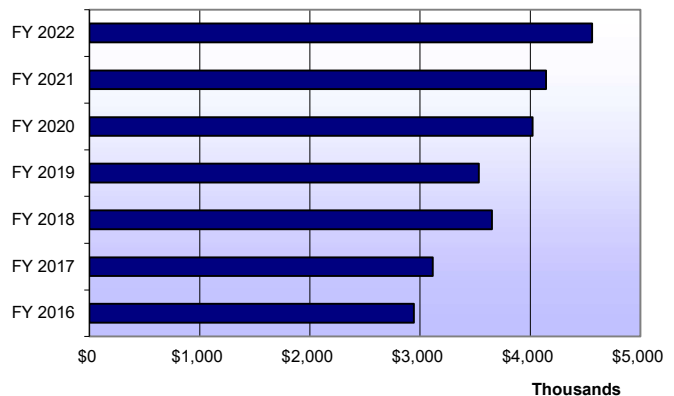
Recreation & Other Rentals

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

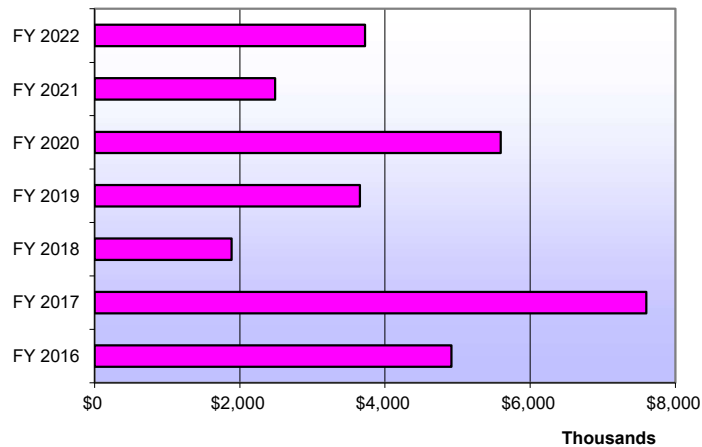
Administrative & General (A&G) charges are received in the General Division from other divisions of GBRA for technical and administrative support. The A&G revenue is calculated as a percentage of labor expense. The A&G rate continues to remain at 33%.



Thousands



Historical Operating Revenues



Miscellaneous Income

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

Operating Revenue Trend

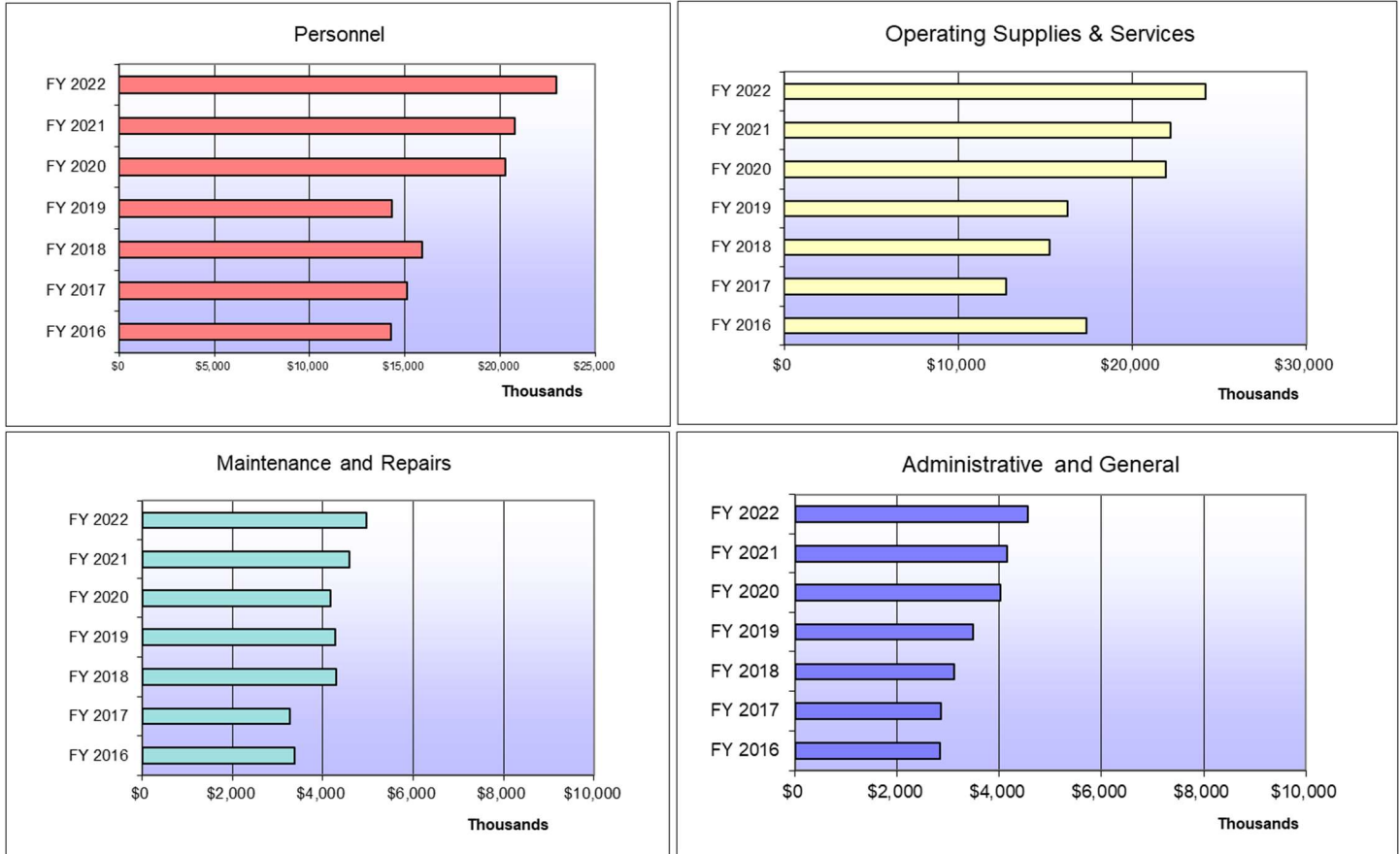
The following table identifies the revenue trends over the last seven years for all of GBRA's operations:

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Revenues	Actual	Actual	Actual	Actual	Actual	Budget	Budget
Power Sales	3,980,283	3,868,917	3,988,040	3,895,226	2,093,180	2,340,331	1,881,054
Water Sales & Reservoir Operations	36,351,389	38,213,978	39,055,156	26,434,164	31,461,696	30,992,208	33,546,950
Wastewater Services	4,201,089	4,372,609	5,212,775	2,143,594	2,922,772	2,980,545	2,443,478
Retail Water & Wastewater Sales				7,545,426	9,108,260	9,342,750	12,829,380
Recreation & Other Rentals	1,064,727	1,032,079	1,172,654	949,648	875,494	1,224,429	1,305,450
Laboratory Services	965,329	1,006,168	975,000	855,348	850,700	866,000	1,020,000
Administrative & General	2,943,855	3,115,380	3,653,322	3,532,764	4,021,980	4,144,391	4,561,950
Miscellaneous Income	4,912,866	7,598,949	1,885,333	3,655,206	5,593,980	2,486,058	3,725,731
Total	54,419,538	59,208,080	55,942,280	49,011,376	56,928,062	54,376,712	61,313,993

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 2016 Actual	FY 2017 Actual	FY 2018 Actual	FY 2019 Actual	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel	14,303,090	15,110,414	15,893,436	14,306,671	20,308,336	20,762,982	22,965,207
Operating Supplies & Services	17,380,139	12,723,879	15,235,869	16,272,545	21,917,431	22,198,838	24,203,429
Maintenance and Repairs	3,364,768	3,275,783	4,301,574	4,280,954	4,162,190	4,585,482	4,962,083
Administrative and General	2,831,297	2,847,926	3,117,874	3,491,770	4,018,808	4,144,391	4,561,950
Total	37,879,294	33,958,002	38,548,753	38,351,940	50,406,765	51,691,693	56,692,669



Fiscal Year 2022 Budget

flowing solutions

Rates and Rate Structures

COMMON RATES:	2020 Budget	2021 Budget	2022 Budget	Unit of Measure	% Change	Effective Date
Transfer Fee	\$40.00	\$40.00	\$40.00	transfer	-	Sep 01
ACH Fee: individual bank draft at customers request	\$25.00	\$25.00	\$25.00	occurrence	-	Sep 01
NSF Fee	\$25.00	\$25.00	\$25.00	occurrence	-	Sep 01
Late Charge Penalty	5%	5%	5%	mtly fee	-	Sep 01
Meter Tampering Fee	\$70.00	\$70.00	\$70.00	+damages	-	Sep 01
Private Hand Valve Installation	@ cost	@ cost	@ cost			Sep 01
Retail Inspection Fees	\$75.00	\$75.00	\$75.00	inspection	-	Sep 01
Constructor Inspection Fees	\$90.00	\$90.00	\$90.00	hour	-	Sep 01
GENERAL DIVISION	2020 Budget	2021 Budget	2022 Budget	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	2020 Budget	2021 Budget	2022 Budget	Unit of Measure	% Change	Effective Date
Energy Charge	\$0.0314	\$0.0314	\$0.0314	kWh	-	Sep 01
Facility Charge	\$83,333	\$83,333	\$83,333	month	-	Sep 01
Subordination Rate	\$5.00	\$5.00	\$5.00	AFY	-	Sep 01
Hydro Modification Permit Fee	\$600.00	\$600.00	\$600.00	permit	-	Sep 01
RURAL UTILITIES DIVISION	2020 Budget	2021 Budget	2022 Budget	Unit of Measure	% Change	Effective Date
Reconnect Fee	\$500.00	\$500.00	\$500.00	connection	-	Sep 01
Trucked Wastewater	\$60.00	\$60.00	\$60.00	1,000 gal	-	Sep 01
Shadow Creek WWTP:						
Monthly Sewer Rate	\$36.00	\$36.00	\$36.00	LUE	-	Sep 01
Hays CISD-Pflugler Elementary Sewer Rate	\$52.50	\$52.50	\$52.50	LUE	-	Sep 01
Canyon Park WWRS:						
1. Connection Fee	\$5,000.00	\$5,000.00	\$5,000.00	connection	-	Sep 01
2. Monthly Sewer Rate:						
Condos, Houses & Laguna Park Units	\$62.00	\$62.00	\$65.00	LUE	5%	Sep 01
3. Monthly Sewer Rate: Car Wash	\$124.00	\$124.00	\$130.00	LUE	5%	Sep 01
Stein Falls WWTP:						
1. Connection Fee: Treatment Plant and Collection System Capacity Fee						
All customers excluding exceptions listed below:	\$6,200	\$6,200	\$6,200	connection	-	Sep 01
Connection Fee: New customers conn. via Legends Lift Station	\$6,700	\$6,700	\$6,700	connection	-	Sep 01
Connection Fee: Oasis line/area	\$6,377	\$6,377	\$6,377	connection	-	Sep 01
Connection Fee: Zipp Rd Utilities Duplexes	\$3,000	\$3,000	\$3,398	connection	13%	Sep 01
Connection Fee: Lakeside Pass (const. costs & reimb. fees plus)	\$6,200	\$6,200	\$6,200	connection	-	Sep 01
2. Monthly Sewer Fee: Retail	\$62.00	\$62.00	\$65.00	LUE	5%	Sep 01
3. Monthly Sewer Fee: Zipp Rd Utilities	\$48.00	\$48.00	\$62.40	LUE	30%	Sep 01



Fiscal Year 2022 Budget

flowing solutions

Rates and Rate Structures

RURAL UTILITIES DIVISION (cont.)	2020 Budget	2021 Budget	2022 Budget	Unit of Measure	% Change	Effective Date
<u>Sunfield WWTP:</u>						
1. Residential Connection:						
5/8" Meter, Monthly Minimum	N/A	\$29.00	\$29.00	month	-	Sep 01
Usage Charge (10,000 gal maximum)	N/A	\$4.25	\$4.25	1,000 gal.	-	Sep 01
2. Commerical Connection:						
3/4" Meter, Monthly Minimum	N/A	\$39.00	\$39.00	month	-	Sep 01
1" Meter, Monthly Minimum	N/A	\$54.00	\$54.00	month	-	Sep 01
1 1/2" Meter, Monthly Minimum	N/A	\$204.00	\$204.00	month	-	Sep 01
2" Meter, Monthly Minimum	N/A	\$304.00	\$304.00	month	-	Sep 01
3" Meter, Monthly Minimum	N/A	\$404.00	\$404.00	month	-	Sep 01
4" Meter, Monthly Minimum	N/A	\$504.00	\$504.00	month	-	Sep 01
6" Meter, Monthly Minimum	N/A	\$604.00	\$604.00	month	-	Sep 01
Usage Charge	N/A	\$4.25	\$4.25	1,000 gal.	-	Sep 01
Late Charge Penalty	N/A	10%	10%	mthly fee	-	Sep 01
<u>Dietz WWRS:</u>						
Connection Fee: Dietz WW	\$6,800	\$6,800	\$6,800	connection	-	Sep 01
1. Residential Connection:						
5/8", 1" Meter, Monthly Minimum	N/A	\$38.17	\$38.17	month	-	Sep 01
Usage Charge (10,000 gal maximum)	N/A	\$5.05	\$5.05	1,000 gal.	-	Sep 01
WATER RESOURCES DIVISION	2020 Budget	2021 Budget	2022 Budget	Unit of Measure	% Change	Effective Date
<u>Raw Water:</u>						
Firm Water	\$151.00	\$151.00	\$157.00	AFY	4%	Sep 01
Out-of-District Charge (\$24) x CPI (Updated Jan 1 annually)	\$37.86	\$38.59	\$39.07	AFY	1%	Sep 01
Lower Basin Water Rate	\$151.00	\$151.00	\$157.00	AFY	4%	Sep 01
Womack Water Rate	\$151.00	\$151.00	\$157.00	AFY	4%	Sep 01
<u>Regional RWDS:</u>						
O&M Rate	\$0.286	\$0.345	\$0.443	1,000 gal	29%	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>						
WTP O&M Rate	\$0.500	\$0.520	\$0.520	1,000 gal	-	Sep 01
TWDS O&M Rate	\$0.278	\$0.285	\$0.352	1,000 gal	24%	Sep 01
IH35 Pipeline Capacity Rate	\$0.306	\$0.306	\$0.306	1,000 gal	-	Sep 01
SMWTP Capacity Rate	\$0.173	\$0.174	\$0.171	1,000 gal	-2%	Sep 01
<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:				person		Sep 01
Hiking Trails (under 12 free)	N/A	\$5.00	\$5.00	person	-	Sep 01
Guided, 1.5 hours	\$10.00	\$15.00	\$15.00	person	-	Sep 01
Guided, 3 hours	N/A	\$20.00	\$20.00	person	-	Sep 01
Private Tours:				person		Sep 01
Guided, 1.5 or 3 hours (\$200 minimum)	N/A	\$20.00	\$20.00	person	-	Sep 01
5th Grade Classroom	N/A	\$5.00	\$5.00	person	-	Sep 01
Advanced Geology (\$500 minimum)	N/A	\$50.00	\$50.00	person	-	Sep 01
Photography Shoot (2 hour minimum)	N/A	\$50.00	\$50.00	hour	-	Sep 01
Customized Experience (\$500 minimum)	N/A	TBD	TBD	tour		Sep 01
Corporate Tours	\$500.00	\$500.00	N/A	group		Sep 01



Fiscal Year 2022 Budget

flowing solutions

Rates and Rate Structures

WATER RESOURCES DIVISION (cont.)	2020 Budget	2021 Budget	2022 Budget	Unit of Measure	% Change	Effective Date
<u>Nolte Island Park:</u>						
Site #1	\$250.00	\$250.00	\$250.00	day	-	Sep 01
Site #3	\$450.00	\$450.00	\$450.00	day	-	Sep 01
Rental of all sites: 3 days	\$1,375.00	\$1,375.00	\$1,375.00	3 days	-	Sep 01
Rental of all sites: 4 days	\$1,575.00	\$1,575.00	\$1,575.00	4 days	-	Sep 01
<u>Meadow Lake Leases:</u>						
Site #1 - Homeowner's Assoc. Lot	\$150.00	\$150.00	\$150.00	site	-	Sep 01
Site #2-13	\$1,800.00	\$1,800.00	\$1,800.00	site	-	Sep 01
<u>Laboratory:</u>						
Data Transfer Fee	\$30.00	\$30.00	\$30.00	per transfer	-	Sep 01
Mileage Fee	IRS Rate	IRS Rate	IRS Rate	per mile		Sep 01
Environmental Sampling Fee (2hr minimum)	\$120.00	\$120.00	\$120.00	per hour	-	Sep 01
Filtration Fee	\$10.00	\$10.00	\$10.00	per sample	-	Sep 01
Sampler Rental Fee	\$150.00	\$150.00	\$150.00	per day	-	Sep 01
Shipping Rate	\$30.00	\$30.00	\$30.00	flat fee	-	Sep 01
Data Calculation Fee	\$10.00	\$10.00	\$10.00	per sample	-	Sep 01
Waste Disposal Fee	\$2.00	\$2.00	\$2.00	per sample	-	Sep 01
COD Disposal Fee	\$6.00	\$6.00	\$6.00	per sample	-	Sep 01
Lab Testing:						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
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	\$40.00	\$40.00	\$40.00	test	-	Sep 01
Demands-DO (electrode)	\$15.00	\$15.00	\$15.00	test	-	Sep 01
Ion Chromatography-Chloride	\$28.00	\$28.00	\$28.00	test	-	Sep 01
Ion Chromatography-Chlorite	\$38.00	\$38.00	\$38.00	test	-	Sep 01
Ion Chromatography-Fluoride	\$28.00	\$28.00	\$28.00	test	-	Sep 01
Ion Chromatography-Nitrate	\$28.00	\$28.00	\$28.00	test	-	Sep 01
Ion Chromatography-Nitrite	\$28.00	\$28.00	\$28.00	test	-	Sep 01
Ion Chromatography-Ortho-Phosphorus	\$28.00	\$28.00	\$28.00	test	-	Sep 01
Ion Chromatography-Sulfate	\$28.00	\$28.00	\$28.00	test	-	Sep 01
Micro-E coli (18 hr. Colilert)	\$33.00	\$33.00	\$33.00	test	-	Sep 01
Micro-E coli-EPA	\$120.00	\$120.00	\$120.00	test	-	Sep 01
Micro-Fecal Coliform (18hr Colilert)	\$35.00	\$35.00	\$35.00	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



Fiscal Year 2022 Budget

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Rates and Rate Structures

WATER RESOURCES DIVISION (cont.)	2020 Budget	2021 Budget	2022 Budget	Unit of Measure	% Change	Effective Date
Micro-Total Coliform (P/A)	\$25.00	\$25.00	\$25.00	test	-	Sep 01
Micro-Total Coliform (MPN)	\$33.00	\$33.00	\$33.00	test	-	Sep 01
Nutrients-Ammonia Nitrogen	\$34.00	\$34.00	\$34.00	test	-	Sep 01
Nutrients-Total Kjeldahl Nitrogen-TKN	\$52.00	\$52.00	\$52.00	test	-	Sep 01
Nutrients-Total Nitrogen	\$118.00	\$118.00	\$118.00	test	-	Sep 01
Nutrients-Total Phosphorus	\$35.00	\$35.00	\$35.00	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 (SOURS)	\$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.

Lake Wood Recreation Area:

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	\$8.00	\$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	\$23.00	\$25.00	\$25.00	night	-	Sep 01
RV/Trailer (30 amp) – Daily	\$28.00	\$30.00	\$30.00	night	-	Sep 01
RV/Trailer (30 amp) - Weekly (Apr 1-Sep 30)	\$154.00	\$180.00	\$180.00	week	-	Sep 01
RV/Trailer (30 amp) - Weekly (Oct 1-Mar 31)	\$133.00	\$140.00	\$140.00	week	-	Sep 01
RV/Trailer (30 amp) - Mthly (Apr 1-Sep 30)	\$510.00	\$510.00	\$510.00	month	-	Sep 01
RV/Trailer (30 amp) - Mthly (Oct 1-Mar 31)	\$420.00	\$420.00	\$420.00	month	-	Sep 01
RV/Trailer (50 amp) – Daily	\$32.00	\$35.00	\$35.00	night	-	Sep 01
RV/Trailer (50 amp) – Weekly	\$175.00	\$185.00	\$185.00	week	-	Sep 01
RV/Trailer (50 amp) – Monthly	\$630.00	\$630.00	\$630.00	month	-	Sep 01
Senior Citizen Camping (Oct 1-Mar 31)	\$27.00	\$27.00	\$27.00	night	-	Sep 01
Second Vehicle	\$10.00	\$15.00	\$15.00	vehicle	-	Sep 01



Fiscal Year 2022 Budget

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Rates and Rate Structures

WATER RESOURCES DIVISION (cont.)	2020 Budget	2021 Budget	2022 Budget	Unit of Measure	% Change	Effective Date
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Calhoun Canal System:

Irrigation Rates						
Rice – 1 st Crop	\$130.00	\$130.00	\$246.00	acre	89%	Sep 01
Rice – 2 nd Crop	\$50.00	\$50.00	\$98.00	acre	96%	Sep 01
Row Crop	\$45.00	\$45.00	\$49.00	acre	9%	Sep 01
Pasture	\$45.00	\$45.00	\$49.00	acre	9%	Sep 01
Crawfish Pond	\$90.00	\$105.00	\$147.00	acre	40%	Sep 01
Waterfowl Field	\$60.00	\$70.00	\$98.00	acre	40%	Sep 01
Catfish Farm	\$120.00	\$140.00	\$197.00	acre	41%	Sep 01
Sprinkler Irrigation-unmetered	\$45.00	\$45.00	\$49.00	acre	9%	Sep 01
Sprinkler Irrigation-metered	\$0.195	\$0.215	\$0.302	1,000 gal.	40%	Sep 01
Initial fill: crawfish, waterfowl & catfish water	\$0.195	\$0.215	\$0.302	1,000 gal.	40%	Sep 01
M&I Customers (plus raw water charge)	\$0.195	\$0.215	\$0.225	1,000 gal.	5%	Sep 01
Seadrift Coke LP Delivery (in addition to the M&I charge)	\$0.040	\$0.040	\$0.040	1,000 gal.	-	Sep 01
Ineos Nitriles Delivery (in addition to the M&I charge)	\$0.035	\$0.035	\$0.035	1,000 gal.	-	Sep 01
Other Ponds & rigs (base rate+usage)	\$495.00	\$495.00	N/A	base rate	REMOVED	Sep 01
	\$0.195	\$0.215	\$0.302	1,000 gal.	40%	Sep 01

CARRIZO GROUNDWATER DIVISION	2020 Budget	2021 Budget	2022 Budget	Unit of Measure	% Change	Effective Date
Water Rate (1/1/19-12/31/19)	\$70.00	N/A	N/A	AFY		01/01/19
Water Rate (1/1/20-current)	\$73.00	\$73.00	\$82.00	AFY	12%	Sep 01

WESTERN CANYON DIVISION	2020 Budget	2021 Budget	2022 Budget	Unit of Measure	% Change	Effective Date
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Western Canyon WTP & TWDS:

O&M Rate	\$1.024	\$1.089	\$1.247	1,000 gal.	15%	Sep 01
Capacity Rate-WTP	\$475.03	\$475.03	N/A	AFY		Sep 01
Capacity Rate-TTHM	\$23.53	\$23.53	N/A	AFY		Sep 01
Capacity Rate-Refunding Bond Issue, Series 2020	N/A	N/A	\$468.63		NEW	Sep 01
Water Trucks	\$10.00	\$10.00	\$10.00	1,000 gal.	-	Sep 01
Wholesale Water Usage (Capacity-Plant/TTHM+WTP O&M)	\$2.550	\$2.619	\$2.685	1,000 gal.	3%	Sep 01

Water Distribution Systems – Common Rates:

Reconnection Fee: Water	\$100.00	\$100.00	\$100.00	connection	-	Sep 01
Bulverde Emergency Services - Fire	\$304.00	\$304.00	\$304.00	connection	-	Sep 01

Comal Trace WDS, Cordillera Ranch WDS & Johnson Ranch WDS:

1. 5/8" Meter:

Water – Connection Fees: Comal Trace	\$1,000.00	\$1,000.00	\$1,000.00	connection	-	Sep 01
Water – Connection Fees: Cordillera	\$1,650.00	\$1,650.00	\$1,650.00	connection	-	Sep 01
Water – Connection Fees: Johnson Ranch	\$1,200.00	\$1,200.00	\$1,200.00	connection	-	Sep 01
Water – Developer Reimbursement Fee: Cordillera	\$2,000.00	\$2,000.00	\$2,000.00	connection	-	Sep 01



Fiscal Year 2022 Budget

flowing solutions

Rates and Rate Structures

WESTERN CANYON DIVISION (cont.)	2020 Budget	2021 Budget	2022 Budget	Unit of Measure	% Change	Effective Date
<u>Comal Trace WDS, Cordillera Ranch WDS & Johnson Ranch WDS (cont.):</u>						
Water – Base Rate: up to 2,000 gal	\$44.00	\$44.00	\$44.00	month	-	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: 10,001-25,000 gal (base rate+usage)	\$4.60	\$4.60	\$4.60	1,000 gal.	-	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$5.60	\$5.60	1,000 gal.	-	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$6.60	\$6.60	1,000 gal.	-	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$8.60	\$8.60	1,000 gal.	-	Sep 01
Water – Block Rate: over 100,000 gal (base rate+usage)	\$12.00	\$12.00	\$12.00	1,000 gal.	-	Sep 01
2. 1" Meter:						
Water – Connection Fees: Cordillera	\$1,730.00	\$1,730.00	\$1,730.00	connection	-	Sep 01
Water – Base Rate: up to 2,000 gal	\$99.20	\$99.20	\$99.20	month	-	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: 10,001-25,000 gal (base rate+usage)	\$4.60	\$4.60	\$4.60	1,000 gal.	-	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$5.60	\$5.60	1,000 gal.	-	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$6.60	\$6.60	1,000 gal.	-	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$8.60	\$8.60	1,000 gal.	-	Sep 01
Water – Block Rate: over 100,000 gal (base rate+usage)	\$12.00	\$12.00	\$12.00	1,000 gal.	-	Sep 01
3. 1.5" Meter:						
Water – Connection Fees: Cordillera	\$1,850.00	\$1,850.00	\$1,850.00	connection	-	Sep 01
Water – Base Rate: up to 4,000 gal	\$198.40	\$198.40	\$198.40	month	-	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: 10,001-25,000 gal (base rate+usage)	\$4.60	\$4.60	\$4.60	1,000 gal.	-	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$5.60	\$5.60	1,000 gal.	-	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$6.60	\$6.60	1,000 gal.	-	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$8.60	\$8.60	1,000 gal.	-	Sep 01
Water – Block Rate: over 100,000 gal (base rate+usage)	\$12.00	\$12.00	\$12.00	1,000 gal.	-	Sep 01
4. 2" Meter:						
Water – Connection Fees: Cordillera	\$2,560.00	\$2,560.00	\$2,560.00	connection	-	Sep 01
Water – Base Rate: up to 4,000 gal	\$308.80	\$308.80	\$308.80	month	-	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: 10,001-25,000 gal (base rate+usage)	\$4.60	\$4.60	\$4.60	1,000 gal.	-	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$5.60	\$5.60	1,000 gal.	-	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$6.60	\$6.60	1,000 gal.	-	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$8.60	\$8.60	1,000 gal.	-	Sep 01
Water – Block Rate: over 100,000 gal (base rate+usage)	\$12.00	\$12.00	\$12.00	1,000 gal.	-	Sep 01
5. 3" Meter:						
Water – Connection Fees: Cordillera	\$2,860.00	\$2,860.00	\$2,860.00	connection	-	Sep 01
Water – Base Rate: up to 4,000 gal	\$566.40	\$566.40	\$566.40	month	-	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: 10,001-25,000 gal (base rate+usage)	\$4.60	\$4.60	\$4.60	1,000 gal.	-	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$5.60	\$5.60	1,000 gal.	-	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$6.60	\$6.60	1,000 gal.	-	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$8.60	\$8.60	1,000 gal.	-	Sep 01
Water – Block Rate: over 100,000 gal (base rate+usage)	\$12.00	\$12.00	\$12.00	1,000 gal.	-	Sep 01

Note: Rate changes for new budget year are highlighted; % change is from 2021 actual to 2022 budget year.



Fiscal Year 2022 Budget

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Rates and Rate Structures

WESTERN CANYON DIVISION (cont.)	2020 Budget	2021 Budget	2022 Budget	Unit of Measure	% Change	Effective Date
<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
Water – Base Rate: up to 4,000 gal	\$934.40	\$934.40	\$934.40	month	-	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: 10,001-25,000 gal (base rate+usage)	\$4.60	\$4.60	\$4.60	1,000 gal.	-	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$5.60	\$5.60	1,000 gal.	-	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$6.60	\$6.60	1,000 gal.	-	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$8.60	\$8.60	1,000 gal.	-	Sep 01
Water – Block Rate: over 100,000 gal (base rate+usage)	\$12.00	\$12.00	\$12.00	1,000 gal.	-	Sep 01
7. 6" Meter:						
Water – Connection Fees: Cordillera	\$3,760.00	\$3,760.00	\$3,760.00	connection	-	Sep 01
Water – Base Rate: up to 4,000 gal	\$1,854.40	\$1,854.40	\$1,854.40	month	-	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: 10,001-25,000 gal (base rate+usage)	\$4.60	\$4.60	\$4.60	1,000 gal.	-	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$5.60	\$5.60	1,000 gal.	-	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$6.60	\$6.60	1,000 gal.	-	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$8.60	\$8.60	1,000 gal.	-	Sep 01
Water – Block Rate: over 100,000 gal (base rate+usage)	\$12.00	\$12.00	\$12.00	1,000 gal.	-	Sep 01
8. 8" Meter:						
Water – Connection Fees: Cordillera	\$3,910.00	\$3,910.00	\$3,910.00	connection	-	Sep 01
Water – Base Rate: up to 4,000 gal	\$2,958.40	\$2,958.40	\$2,958.40	month	-	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: 10,001-25,000 gal (base rate+usage)	\$4.60	\$4.60	\$4.60	1,000 gal.	-	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	\$5.60	\$5.60	\$5.60	1,000 gal.	-	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	\$6.60	\$6.60	\$6.60	1,000 gal.	-	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	\$8.60	\$8.60	\$8.60	1,000 gal.	-	Sep 01
Water – Block Rate: over 100,000 gal (base rate+usage)	\$12.00	\$12.00	\$12.00	1,000 gal.	-	Sep 01
<u>Wastewater Treatment Plant - Common Rates:</u>						
Reconnection Fee: Wastewater	\$500.00	\$500.00	\$500.00	connection	-	Sep 01
Customer Re-Inspection Fee	\$100.00	\$100.00	\$100.00	inspection	-	Sep 01
<u>4S Ranch WWTP and Park Village WWRS:</u>						
Wastewater – Connection Fees	\$550.00	\$550.00	\$550.00	connection	-	Sep 01
Wastewater – Monthly Fees	\$45.00	\$45.00	\$45.00	LUE	-	Sep 01
<u>Cordillera WWTP:</u>						
Wastewater – Connection Fee	\$1,500.00	\$1,500.00	\$1,500.00	connection	-	Sep 01
+ Grinder Pump	pump @ cost	pump @ cost	pump @ cost			
Service call (up to 3 hours)	\$150.00	\$150.00	\$150.00	minimum	-	Sep 01
over minimum	\$50.00	\$50.00	\$50.00	per hour	-	Sep 01
Pump Replacement	\$350.00	\$350.00	pump @ cost	occurrence	NEW	Sep 01
Wastewater – Developer Reimbursement Fee	\$2,000.00	\$2,000.00	\$2,000.00	connection	-	Sep 01
Wastewater – Monthly Fees	\$73.00	\$73.00	\$76.00	LUE	4%	Sep 01

Note: Rate changes for new budget year are highlighted; % change is from 2021 actual to 2022 budget year.



Fiscal Year 2022 Budget

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Rates and Rate Structures

WESTERN CANYON DIVISION (cont.)	N/A	504	504	Unit of Measure	% Change	Effective Date
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	month	-	Sep 01
Wastewater – Service Fees:						
Residential Connection:						
5/8", 1" Meter:						
Monthly Minimum	\$32.16	\$32.16	\$32.16	month	-	Sep 01
Usage Charge - based on winter months avg (Dec-Feb), maximum 10,000 gallons	\$3.68	\$3.68	\$3.68	1,000 gal.	-	Sep 01
Non-Residential Connection:						
1. 5/8" Meter:						
Monthly Minimum	\$32.16	\$32.16	\$32.16	month	-	Sep 01
Usage Charge	\$3.68	\$3.68	\$3.68	1,000 gal.	-	Sep 01
2. 3" Meter:						
Monthly Minimum	\$514.52	\$514.52	\$514.52	month	-	Sep 01
Usage Charge	\$3.68	\$3.68	\$3.68	1,000 gal.	-	Sep 01
Emergency Services Facility:						
Monthly Minimum	\$96.47	\$96.47	\$96.47	month	-	Sep 01
Usage Charge	\$3.68	\$3.68	\$3.68	1,000 gal.	-	Sep 01
Senior Living Center:						
Monthly Minimum	\$1,093.44	\$1,093.44	\$1,093.44	month	-	Sep 01
Usage Charge	\$3.68	\$3.68	\$3.68	1,000 gal.	-	Sep 01
CALHOUN COUNTY RWS DIVISION	2020 Budget	2021 Budget	2022 Budget	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 Connection, plus membership fee	\$1,000.00	\$1,000.00	\$1,000.00	connection	-	Sep 01
Connection Fees-Existing Connection, plus membership fee	\$355.00	\$355.00	\$355.00	connection	-	Sep 01
Membership Fees	\$1,200.00	\$1,200.00	\$1,200.00	connection	-	Sep 01
Water - Base Rate: up to 2,000 gal	\$63.00	\$63.00	\$68.00	month	8%	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	\$42.00	\$50.90	\$55.90	month	10%	Sep 01
2. 3/4" Meter:						
Connection Fees-New Connection, plus membership fee	\$1,000.00	\$1,000.00	\$1,000.00	connection	-	Sep 01
Connection Fees-Existing Connection, plus membership fee	\$385.00	\$385.00	\$385.00	connection	-	Sep 01
Membership Fees	\$2,300.00	\$2,300.00	\$2,300.00	connection	-	Sep 01
Water - Base Rate: up to 3,000 gal	\$94.50	\$94.50	\$102.00	month	8%	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	\$64.00	\$76.35	\$83.85	month	10%	Sep 01



Fiscal Year 2022 Budget

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Rates and Rate Structures

CALHOUN COUNTY RWS DIVISION (cont.)	2020 Budget	2021 Budget	2022 Budget	Unit of Measure	% Change	Effective Date
3. 1" Meter:						
Connection Fees-New Connection, plus membership fee	\$1,300.00	\$1,300.00	\$1,300.00	connection	-	Sep 01
Connection Fees-Existing Connection, plus membership fee	\$465.00	\$465.00	\$465.00	connection	-	Sep 01
Membership Fees	\$3,100.00	\$3,100.00	\$3,100.00	connection	-	Sep 01
Water - Base Rate: up to 4,000 gal	\$151.45	\$151.45	\$163.95	month	8%	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	\$85.00	\$127.25	\$139.75	month	10%	Sep 01
4. 1- 1/2" Meter:						
Connection Fees-New Connection, plus membership fee	\$1,900.00	\$1,900.00	\$1,900.00	connection	-	Sep 01
Membership Fees	\$6,900.00	\$6,900.00	\$6,900.00	connection	-	Sep 01
Water - Base Rate: up to 8,000 gal	\$308.90	\$308.90	\$333.90	month	8%	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	\$172.00	\$254.50	\$279.50	month	10%	Sep 01
5. 2" Meter:						
Connection Fees-New Connection, plus membership fee	\$2,100.00	\$2,100.00	\$2,100.00	connection	-	Sep 01
Membership Fees	\$15,500.00	\$15,500.00	\$15,500.00	connection	-	Sep 01
Base Rate up to 16,000 gal.	\$530.00	\$530.00	\$570.00	month	8%	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	\$345.00	\$407.20	\$447.20	month	10%	Sep 01
6. 3" Meter:						
Connection Fees-New Connection, plus membership fee	\$12,000.00	\$12,000.00	\$12,000.00	connection	-	Sep 01
Membership Fees	\$23,200.00	\$23,200.00	\$23,200.00	connection	-	Sep 01
Base Rate up to 32,000 gal.	\$1,079.10	\$1,079.10	\$1,154.10	month	7%	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	\$644.00	\$763.50	\$838.50	month	10%	Sep 01
Crestview Subdivision:						
Residential: Monthly Sewer Fees	\$75.00	\$75.00	\$75.00	month	-	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

Note: Rate changes for new budget year are highlighted; % change is from 2021 actual to 2022 budget year.



Fiscal Year 2022 Budget

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Rates and Rate Structures

COLETO CREEK RECREATION SYSTEM	2020 Budget	2021 Budget	2022 Budget	Unit of Measure	% Change	Effective Date
Day Use Entrance Permit	\$17.00	\$17.00	\$17.00	4 people	-	Sep 01
Individual Passes	\$5.00	\$5.00	\$5.00	day	-	Sep 01
Annual Permit	\$185.00	\$250.00	\$250.00	permit	-	Sep 01
Replacement Annual Permit	\$5.00	\$5.00	\$5.00	permit	-	Sep 01
Camping Fee	\$40.00	\$50.00	\$50.00	night	-	Sep 01
Camping Fee Premium Sites	\$45.00	\$55.00	\$55.00	night	-	Sep 01
Overflow Camping	\$28.00	\$28.00	\$28.00	night	-	Sep 01
Camping Extra Vehicle Charge	\$12.00	\$17.00	\$17.00	night	-	Sep 01
Camping Fee (Weekly: 10/1-3/31)	\$200.00	\$200.00	\$200.00	7 nights	-	Sep 01
Camping Fee (Monthly: 10/1-3/31)	\$475.00	\$475.00	\$475.00	30 nights	-	Sep 01
Senior Citizens Camping (10/1-3/31)	\$30.00	\$30.00	\$30.00	night	-	Sep 01
Primitive Camping	\$28.00	\$28.00	\$28.00	night	-	Sep 01
Monthly Parking Pass (1/couple: 10/1-3/31)	\$45.00	\$45.00	\$45.00	30 nights	-	Sep 01
Holding Tank Pumpout Fee	\$20.00	\$20.00	\$20.00	pump out	-	Sep 01
Cabin Rental (Small Units)	\$90.00	\$90.00	\$90.00	night	-	Sep 01
Cabin Rental (Large Units)	\$110.00	\$110.00	\$110.00	night	-	Sep 01
Group Picnic Shelter "C" (enclosed)	\$100.00	\$100.00	\$100.00	day	-	Sep 01
Group Picnic Shelter "D"	\$75.00	\$75.00	\$75.00	day	-	Sep 01
Holiday Upcard on all rentals: Easter, Memorial Day, July 4th, Labor Da	\$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	\$310.00	year	-	Sep 01
Type II Lease (Minimum Annual Fee)	\$0.50	\$0.50	\$0.50	linear foot	-	Sep 01
Lease Modification Permit	\$100.00	\$100.00	\$100.00	permit	-	Sep 01
Lake Wood Common Area (Boat Channel)	\$80.00	\$80.00	\$80.00	lot/yr	-	Sep 01
Lake Wood Homeowners Park (off lake)	\$45.00	\$45.00	\$45.00	lot/yr	-	Sep 01
Twin Lake Homeowners Park (off lake)	\$70.00	\$70.00	\$70.00	lot/yr	-	Sep 01
Agricultural Leases up to 5 acres	\$50.00	\$50.00	\$50.00	minimum/yr	-	Sep 01
Over 5 Acres: Minimum + Acreage Rate	\$15.00	\$15.00	\$15.00	acre	-	Sep 01
Bowhunting Fee (weekend)	\$185.00	\$185.00	\$185.00	hunter	-	Sep 01
Photo Blind Use Fee	\$35.00	\$35.00	\$35.00	day/blind	-	Sep 01
Photo Blind Use Fee	\$80.00	\$80.00	\$80.00	3 days	-	Sep 01

LULING WTP DIVISION	2020 Budget	2021 Budget	2022 Budget	Unit of Measure	% Change	Effective Date
Water Treatment Plant Charge	\$1.749	\$1.907	\$1.843	1,000 gal.	-3%	Sep 01
Treated Water Delivery System O&M Charge	\$0.528	\$0.514	\$0.595	1,000 gal.	16%	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	2020 Budget	2021 Budget	2022 Budget	Unit of Measure	% Change	Effective Date
Energy Charge	\$0.0133	\$0.0133	\$0.0133	kWh	-	Sep 01

LOCKHART DIVISION	2020 Budget	2021 Budget	2022 Budget	Unit of Measure	% Change	Effective Date
Septic Tank Waste	\$72.00	\$72.00	\$79.00	1,000 gal.	10%	Sep 01
Chemical Toilet Waste	N/A	N/A	\$250.00	1,000 gal.	NEW	Sep 01
Hauler Annual Permit Fee	\$150.00	\$150.00	\$150.00	permit	-	Sep 01

Debt Information

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

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

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

A summary of the projected August 31, 2022 balance for GBRA's current debt is shown on the following page.

Debt Obligations – Summary Table

Series	Date of Issue	Final Maturity	Effective Interest Rate	Original Amount	Outstanding 8/31/2020
OBLIGATIONS PAYABLE DIRECTLY BY GBRA					
RURAL UTILITIES DIVISION					
Regions Loan, Stein Falls Collection System-033 *	03/15/2012	2032	3.34%	\$ 2,600,000	\$ 1,875,000
Wells Fargo Loan, Emergency Generator-033 *	12/01/2016	2026	3.45%	97,050	63,834
WATER RESOURCE DIVISION					
U. S. Government Loan *	01/01/1977	2026	2.5%	8,979,862	1,701,406
Wells Fargo Loan, Belt Press/Truck-041 *	12/01/2016	2026	3.45%	407,950	268,299
General Improvement Revenue Bonds, 2012 *	04/05/2012	2031	0.14-1.86%	4,400,000	2,615,000
General Improvement Revenue Bonds, 2015 *	11/15/2015	2035	1.83-3.17%	2,000,000	2,000,000
General Improvement Revenue Refunding Bonds, 2020	08/18/2020	2030	2.0-3.0%	5,300,000	5,300,000
Total Obligations Payable Directly by GBRA				\$ 23,784,862	\$ 13,823,539
CONTRACT REVENUE BONDS AND LOANS					
GUADALUPE VALLEY HYDROELECTRIC DIVISION					
Lake Dunlap Dam Contract Revenue Bonds, 2021 *	01/14/2021	2050	0.03-0.29%	40,000,000	--
Lake Placid Dam Contract Revenue Bonds, 2021 *	06/18/2021	2050	0.60-2.07%	1,560,000	--
WATER RESOURCE DIVISION					
RRWDS Combination Contract Revenue Bonds					
2007B	09/15/2007	2039	7.10%	5,775,000	4,810,000
RRWDS Contract Rev Ref Bonds, San Marcos					
2010	08/01/2010	2024	2.0-3.25%	\$6,895,000	2,305,000
IH35 Project Combination Contract Revenue Bonds					
2013	04/17/2013	2037	2.0-5.0%	19,470,000	14,945,000
Western Canyon Regional Water Supply Project Revenue Bonds					
2013A	07/10/2013	2033	1.0-5.0%	55,265,000	40,725,000
Western Canyon Regional Water Supply Project Revenue Bonds					
2013B	07/10/2013	2033	1.909-4.63%	6,830,000	4,905,000
San Marcos Water Treatment Plant Revenue Bonds					
2016	11/22/2016	2036	2.0-5.0%	4,850,000	4,570,000
RRWDS Contract Revenue Refunding Bonds					
2017	07/20/2017	2039	2.0-4.0%	7,745,000	6,960,000
Western Canyon Contract Revenue Bonds					
2017	10/15/2017	2037	2.0-4.0%	4,105,000	3,710,000
Western Canyon Contract Revenue Refunding Bonds					
2020	10/15/2020	2036	2.83-2.534%	55,540,000	--
Carrizo General Contract Revenue Bonds, 2018A *	11/15/2018	2048	2.41-4.28%	12,030,000	12,030,000
Carrizo General Contract Revenue Bonds, 2018B *	11/15/2018	2048	1.89-3.52%	11,895,000	11,895,000
Carrizo TWDB Master Repurchase Agreement, 2018 *	11/15/2018	2053	3.95-4.36%	34,285,000	34,285,000
Carrizo General Contract Revenue Bonds, 2019 *	11/01/2019	2049	1.10-2.77%	9,740,000	9,740,000
Carrizo TWDB Master Repurchase Agreement, 2019 *	11/01/2019	2054	3.27-3.46%	30,260,000	30,260,000
Carrizo General Contract Revenue Bonds, 2020 *	11/17/2020	2050	1.22-2.510%	34,900,000	--
Carrizo TWDB Master Repurchase Agreement, 2020 *	11/17/2020	2055	2.40-3.09%	7,595,000	--
PORT LAVACA WATER TREATMENT PLANT DIVISION					
Frost National Bank, Clearwell *	03/04/2008	2022	4.00%	400,000	88,620
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	3,400,000
Total Contract Revenue Bonds and Loans				\$312,530,000	\$ 184,628,620
Total Bonds & Loans Payable Prior to Defeasance and Accretion of Interest					\$198,452,159

* Direct Borrowing or Direct Placement Issue



Fiscal Year 2022 Budget

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Debt Obligations – Summary Table

Series	Additions During FY 2021	Retired During FY 2021	Outstanding 8/31/2021	Additions During FY 2022	Retired During FY 2022	Outstanding 8/31/2022	Amounts Due Within One Year
OBLIGATIONS PAYABLE DIRECTLY BY GBRA							
RURAL UTILITIES DIVISION							
Regions Loan, Stein Falls Collection System-033 *	\$ --	\$ 115,000	\$ 1,760,000	\$ --	\$ 120,000	\$ 1,640,000	\$ 125,000
Wells Fargo Loan, Emergency Generator-033 *	--	63,834	--	--	--	--	--
WATER RESOURCE DIVISION							
U. S. Government Loan *	--	266,355	1,435,051	--	273,014	1,162,037	279,839
Wells Fargo Loan, Belt Press/Truck-041 *	--	268,299	--	--	--	--	--
General Improvement Revenue Bonds, 2012 *	--	225,000	2,390,000	--	225,000	2,165,000	230,000
General Improvement Revenue Bonds, 2015 *	--	--	2,000,000	--	--	2,000,000	--
General Improvement Revenue Refunding Bonds, 2020	--	--	5,300,000	--	505,000	4,795,000	710,000
Total Obligations Payable Directly by GBRA	\$ --	\$ 938,488	\$ 12,885,051	\$ --	\$ 1,123,014	\$ 11,762,037	\$ 1,344,839
CONTRACT REVENUE BONDS AND LOANS							
GUADALUPE VALLEY HYDROELECTRIC DIVISION							
Lake Dunlap Dam Contract Revenue Bonds, 2021 *	40,000,000	--	40,000,000	--	--	40,000,000	1,420,000
Lake Placid Dam Contract Revenue Bonds, 2021 *	1,560,000	--	1,560,000	--	--	1,560,000	--
WATER RESOURCE DIVISION							
RRWDS Combination Contract Revenue Bonds 2007B	--	130,000	4,680,000	--	135,000	4,545,000	145,000
RRWDS Contract Rev Ref Bonds, San Marcos 2010	--	540,000	1,765,000	--	565,000	1,200,000	585,000
IH35 Project Combination Contract Revenue Bonds 2013	--	640,000	14,305,000	--	660,000	13,645,000	690,000
Western Canyon Regional Water Supply Project Revenue Bonds 2013A	--	40,725,000	--	--	2,305,000	(2,305,000)	2,305,000
Western Canyon Regional Water Supply Project Revenue Bonds 2013B	--	4,905,000	--	--	295,000	(295,000)	295,000
San Marcos Water Treatment Plant Revenue Bonds 2016	--	100,000	4,470,000	--	95,000	4,375,000	100,000
RRWDS Contract Revenue Refunding Bonds 2017	--	260,000	6,700,000	--	270,000	6,430,000	275,000
Western Canyon Contract Revenue Bonds 2017	--	3,710,000	--	--	--	--	--
Western Canyon Contract Revenue Refunding Bonds 2020	55,540,000	3,010,000	52,530,000	--	4,005,000	48,525,000	4,020,000
Carrizo General Contract Revenue Bonds, 2018A *	--	--	12,030,000	--	--	12,030,000	--
Carrizo General Contract Revenue Bonds, 2018B *	--	--	11,895,000	--	--	11,895,000	320,000
Carrizo TWDB Master Repurchase Agreement, 2018 *	--	--	34,285,000	--	--	34,285,000	--
Carrizo General Contract Revenue Bonds, 2019 *	--	--	9,740,000	--	--	9,740,000	--
Carrizo TWDB Master Repurchase Agreement, 2019 *	--	--	30,260,000	--	--	30,260,000	--
Carrizo General Contract Revenue Bonds, 2020 *	34,900,000	--	34,900,000	--	--	34,900,000	--
Carrizo TWDB Master Repurchase Agreement, 2020 *	7,595,000	--	7,595,000	--	--	7,595,000	--
PORT LAVACA WATER TREATMENT PLANT DIVISION							
Frost National Bank, Clearwell *	--	58,338	30,282	--	30,282	--	--
LULING WATER TREATMENT PLANT DIVISION							
Treated Water Delivery System Contract Revenue Refunding Bonds (City of Lockhart) 2014	--	290,000	3,110,000	--	300,000	2,810,000	310,000
Total Contract Revenue Bonds and Loans	\$98,035,000	\$ 54,368,338	\$ 228,295,282	\$ --	\$ 8,660,282	\$219,635,000	\$ 9,045,000
Total Bonds & Loans Payable Prior to Defeasance and Accretion of Interest			\$241,180,333			\$231,397,037	\$10,389,839

* Direct Borrowing or Direct Placement Issue

Debt Obligations – Amortization Schedules

STEIN FALLS WASTEWATER TREATMENT PLANT AMORTIZATION SCHEDULE FOR REGIONS BANK

YR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2022	\$120,000	\$56,780	\$176,780
2023	125,000	52,689	177,689
2024	130,000	48,430	178,430
2025	135,000	44,004	179,004
2026	140,000	39,412	179,412
2027	145,000	34,653	179,653
2028	145,000	29,809	174,809
2029	150,000	24,883	174,883
2030	160,000	19,706	179,706
2031	165,000	14,278	179,278
2032	170,000	8,683	178,683
2033	175,000	2,923	177,923
	<u>\$1,760,000</u>	<u>\$376,250</u>	<u>\$2,136,250</u>

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

YR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2022	\$273,014	\$35,876	\$308,890
2023	279,839	29,051	308,890
2024	286,835	22,055	308,890
2025	294,006	14,884	308,890
2026	301,357	7,532	308,890
	<u>\$1,435,051</u>	<u>\$109,398</u>	<u>\$1,544,450</u>

PORT LAVACA WTP CLEARWELL FROST NATIONAL BANK

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2022	<u>\$30,282</u>	<u>\$ 360</u>	<u>\$30,642</u>
	<u>\$30,282</u>	<u>\$ 360</u>	<u>\$30,642</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
2023	\$565,000	\$46,743	\$611,743
2024	585,000	29,128	614,128
2025	615,000	9,994	624,994
	<u>\$1,765,000</u>	<u>\$85,865</u>	<u>\$1,850,865</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

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

YR END AUG 31	PRINCIPAL	INTEREST	TOTAL REQ's
2022	\$225,000	\$33,898	\$258,898
2023	230,000	31,985	261,985
2024	230,000	29,593	259,593
2025	235,000	26,971	261,971
2026	235,000	24,128	259,128
2027	240,000	21,002	261,002
2028	245,000	17,522	262,522
2029	245,000	13,210	258,210
2030	250,000	9,143	259,143
2031	255,000	4,743	259,743
	\$2,390,000	\$212,195	\$2,602,195

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	
2022	\$135,000	\$331,230	\$466,230	\$270,000	\$236,331	\$506,331	\$972,561
2023	145,000	321,685	466,685	275,000	228,231	503,231	969,916
2024	155,000	311,433	466,433	290,000	217,231	507,231	973,664
2025	170,000	300,475	470,475	295,000	205,631	500,631	971,106
2026	180,000	288,456	468,456	310,000	193,831	503,831	972,287
2027	195,000	275,730	470,730	320,000	181,431	501,431	972,161
2028	205,000	261,943	466,943	330,000	168,631	498,631	965,574
2029	220,000	247,450	467,450	350,000	155,431	505,431	972,881
2030	235,000	231,896	466,896	360,000	141,431	501,431	968,327
2031	255,000	215,282	470,282	375,000	127,031	502,031	972,313
2032	270,000	197,253	467,253	395,000	112,031	507,031	974,284
2033	290,000	178,164	468,164	410,000	96,231	506,231	974,395
2034	310,000	157,661	467,661	420,000	89,931	503,931	971,592
2035	335,000	135,744	470,744	435,000	71,331	506,331	977,075
2036	355,000	112,060	467,060	445,000	58,281	503,281	970,341
2037	380,000	86,961	466,961	460,000	44,375	504,375	971,336
2038	410,000	60,095	470,095	470,000	30,000	500,000	970,095
2039	435,000	31,107	471,107	490,000	15,313	505,313	976,420
	\$4,680,000	\$3,744,625	\$8,429,625	\$6,700,000	\$2,372,703	\$9,066,703	\$17,496,328

Debt Obligations – Amortization Schedules

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

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2022	\$660,000	\$532,169	\$1,192,169
2023	690,000	505,769	1,195,769
2024	730,000	471,269	1,201,269
2025	765,000	434,769	1,199,769
2026	785,000	411,819	1,196,819
2027	810,000	387,288	1,197,288
2028	840,000	360,963	1,200,963
2029	865,000	332,613	1,197,613
2030	900,000	301,256	1,201,256
2031	930,000	268,631	1,198,631
2032	965,000	234,919	1,199,919
2033	1,000,000	199,938	1,199,938
2034	1,035,000	163,688	1,198,688
2035	1,070,000	124,875	1,194,875
2036	1,110,000	84,750	1,194,750
2037	1,150,000	43,121	1,193,121
	<u>\$14,305,000</u>	<u>\$4,857,837</u>	<u>\$19,162,837</u>

CONTRACT REVENUE REFUNDING BONDS, SERIES 2014 TREATED WATER DELIVERY SYSTEM (LULING TO LOCKHART PIPELINE)

YR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2022	\$300,000	\$102,120	\$402,120
2023	310,000	91,598	401,598
2024	320,000	80,730	400,730
2025	335,000	69,431	404,431
2026	345,000	57,701	402,701
2027	355,000	45,626	400,626
2028	370,000	33,120	403,120
2029	380,000	20,182	400,182
2030	395,000	6,814	401,814
	<u>\$3,110,000</u>	<u>\$507,322</u>	<u>\$3,617,322</u>

Debt Obligations – Amortization Schedules

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

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2022	\$ --	\$ --	\$ --
2023	--	--	--
2024	145,000	58,295	203,295
2025	145,000	55,267	200,267
2026	150,000	52,080	202,080
2027	155,000	48,404	203,404
2028	160,000	44,294	204,294
2029	160,000	39,789	199,789
2030	165,000	35,096	200,096
2031	170,000	30,075	200,075
2032	180,000	24,747	204,747
2033	185,000	18,969	203,969
2034	190,000	12,916	202,916
2035	195,000	6,591	201,591
	<u>\$2,000,000</u>	<u>\$426,523</u>	<u>\$2,426,523</u>

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

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2022	\$ 95,000	\$167,081	\$262,081
2023	100,000	164,231	264,231
2024	110,000	161,231	271,231
2025	110,000	158,481	268,481
2026	110,000	155,181	265,181
2027	115,000	151,881	266,881
2028	120,000	149,006	269,006
2029	120,000	146,006	266,006
2030	125,000	142,406	267,406
2031	510,000	138,656	648,656
2032	540,000	113,156	653,156
2033	570,000	86,156	656,156
2034	595,000	57,656	652,656
2035	615,000	39,063	654,063
2036	635,000	19,844	654,844
	<u>\$4,470,000</u>	<u>\$1,850,035</u>	<u>\$6,320,035</u>

Debt Obligations – Amortization Schedules

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

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2022	\$4,005,000	\$764,955	\$4,769,955
2023	4,020,000	749,215	\$4,769,215
2024	4,045,000	728,271	4,773,271
2025	4,080,000	694,900	4,774,900
2026	4,115,000	654,304	4,769,304
2027	4,170,000	606,158	4,776,158
2028	4,225,000	547,361	4,772,361
2029	4,295,000	477,522	4,772,522
2030	4,370,000	402,231	4,772,231
2031	4,450,000	320,381	4,770,381
2032	4,540,000	233,561	4,773,561
2033	4,625,000	138,902	4,763,902
2034	520,000	38,170	558,170
2035	530,000	26,314	556,314
2036	540,000	13,684	553,684
	<u>\$52,530,000</u>	<u>\$6,395,929</u>	<u>\$58,925,929</u>

GENERAL IMPROVEMENT REVENUE REFUNDING BONDS, SERIES 2020

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2022	\$505,000	\$132,250	\$637,250
2023	710,000	122,150	832,150
2024	725,000	107,950	832,950
2025	735,000	93,450	828,450
2026	750,000	78,750	828,750
2027	780,000	56,250	836,250
2028	490,000	32,850	522,850
2029	500,000	18,150	518,150
2030	105,000	3,150	108,150
	<u>\$5,300,000</u>	<u>\$644,950</u>	<u>\$5,944,950</u>

Debt Obligations – Amortization Schedules

CONTRACT REVENUE BONDS, SERIES 2021 LAKE DUNLAP DAM FACILITIES PROJECT

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2022	\$ --	\$33,649	\$33,649
2023	1,420,000	33,649	1,453,649
2024	1,420,000	33,649	1,453,649
2025	1,420,000	33,649	1,453,649
2026	1,425,000	33,649	1,458,649
2027	1,425,000	33,649	1,458,649
2028	1,425,000	33,649	1,458,649
2029	1,425,000	33,649	1,458,649
2030	1,425,000	33,649	1,458,649
2031	1,425,000	33,649	1,458,649
2032	1,425,000	33,649	1,458,649
2033	1,425,000	33,649	1,458,649
2034	1,425,000	33,649	1,458,649
2035	1,425,000	33,649	1,458,649
2036	1,425,000	33,649	1,458,649
2037	1,425,000	33,649	1,458,649
2038	1,425,000	33,649	1,458,649
2039	1,425,000	33,649	1,458,649
2040	1,425,000	33,222	1,458,222
2041	1,425,000	32,224	1,457,224
2042	1,425,000	30,657	1,455,657
2043	1,430,000	28,519	1,458,519
2044	1,430,000	25,945	1,455,945
2045	1,435,000	22,942	1,457,942
2046	1,435,000	19,498	1,454,498
2047	1,440,000	15,911	1,455,911
2048	1,445,000	12,167	1,457,167
2049	1,450,000	8,265	1,458,265
2050	1,450,000	4,205	1,454,205
	<u>\$40,000,000</u>	<u>\$839,237</u>	<u>\$40,839,237</u>

Debt Obligations – Amortization Schedules

CONTRACT REVENUE BONDS, SERIES 2021 LAKE PLACID DAM FACILITIES PROJECT

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

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
2022	\$ --	\$ --	\$ --	\$ --	\$359,261	\$359,261	\$ --	\$1,446,369	\$1,446,369
2023	--	--	--	320,000	359,261	679,261	--	1,446,369	1,446,369
2024	265,000	506,714	771,714	335,000	353,213	688,213	--	1,446,369	1,446,369
2025	330,000	444,026	774,026	340,000	346,580	686,580	--	1,446,369	1,446,369
2026	335,000	435,677	770,677	345,000	339,508	684,508	--	1,446,369	1,446,369
2027	350,000	426,800	776,800	350,000	331,984	681,987	--	1,446,369	1,446,369
2028	350,000	417,175	767,175	365,000	324,077	689,077	--	1,446,369	1,446,369
2029	370,000	407,340	777,340	365,000	315,646	680,646	--	1,446,369	1,446,369
2030	375,000	396,314	771,314	375,000	306,703	681,703	--	1,446,369	1,446,369
2031	385,000	384,426	769,426	390,000	296,953	686,953	--	1,446,369	1,446,369
2032	395,000	371,529	766,529	395,000	286,228	681,228	--	1,446,369	1,446,369
2033	410,000	357,664	767,664	405,000	274,852	679,852	--	1,446,369	1,446,369
2034	425,000	342,863	767,863	420,000	262,824	682,824	--	1,446,369	1,446,369
2035	445,000	327,181	772,181	430,000	250,098	680,098	--	1,446,369	1,446,369
2036	455,000	310,449	765,449	445,000	236,811	681,811	--	1,446,369	1,446,369
2037	475,000	293,068	768,068	460,000	222,838	682,838	--	1,446,369	1,446,369
2038	490,000	274,733	764,733	475,000	208,256	683,256	--	1,446,369	1,446,369
2039	515,000	255,133	770,133	490,000	192,628	682,628	1,695,000	1,446,369	3,141,369
2040	530,000	234,790	764,790	505,000	176,752	681,752	1,760,000	1,379,417	3,139,417
2041	555,000	213,855	768,855	520,000	160,390	680,390	1,835,000	1,309,897	3,144,897
2042	575,000	191,933	766,933	535,000	143,542	678,542	1,915,000	1,237,414	3,152,414
2043	600,000	169,220	769,220	560,000	126,208	686,208	1,985,000	1,161,772	3,142,772
2044	625,000	145,520	770,520	575,000	108,064	683,064	2,070,000	1,083,364	3,153,364
2045	650,000	118,770	768,770	595,000	87,824	682,824	2,150,000	994,768	3,144,768
2046	680,000	90,950	770,950	615,000	66,880	681,880	2,245,000	902,748	3,147,748
2047	705,000	61,846	766,846	630,000	45,232	675,232	2,345,000	806,662	3,151,662
2048	740,000	31,672	771,672	655,000	23,056	678,056	2,440,000	706,296	3,146,296
2049	--	--	--	--	--	--	2,540,000	601,864	3,141,864
2050	--	--	--	--	--	--	2,655,000	492,898	3,147,898
2051	--	--	--	--	--	--	2,760,000	377,140	3,137,140
2052	--	--	--	--	--	--	2,880,000	256,804	3,136,804
2053	--	--	--	--	--	--	3,010,000	131,236	3,141,236
	<u>\$12,030,00</u>	<u>\$7,209,648</u>	<u>\$19,239,648</u>	<u>\$11,895,00</u>	<u>\$6,205,669</u>	<u>\$18,100,672</u>	<u>\$34,285,00</u>	<u>\$37,476,922</u>	<u>\$71,757,922</u>

Debt Obligations – Amortization Schedules

TWDB SWIRFT FUNDS - 2019 CARRIZO GROUNDWATER SUPPLY PROJECT						
YR END AUG 31	2019 LOW INTEREST FINANCING			2019 MASTER REPURCHASE AGREEMENT		
	PRINC	INT	TOTAL	PRINC	INT	TOTAL
2022	\$ --	\$216,897	\$216,897	\$ --	\$1,021,996	\$1,021,996
2023	--	216,897	216,897	--	1,021,996	1,021,996
2024	295,000	216,897	511,897	--	1,021,996	1,021,996
2025	295,000	213,622	508,622	--	1,021,996	1,021,996
2026	300,000	210,289	510,289	--	1,021,996	1,021,996
2027	305,000	206,748	511,748	--	1,021,996	1,021,996
2028	310,000	202,967	512,967	--	1,021,996	1,021,996
2029	310,000	199,029	509,029	--	1,021,996	1,021,996
2030	315,000	194,969	509,969	--	1,021,996	1,021,996
2031	320,000	190,338	510,338	--	1,021,996	1,021,996
2032	330,000	184,930	514,930	--	1,021,996	1,021,996
2033	330,000	178,759	508,759	--	1,021,996	1,021,996
2034	340,000	171,862	511,862	--	1,021,996	1,021,996
2035	350,000	164,586	514,586	--	1,021,996	1,021,996
2036	360,000	156,921	516,921	--	1,021,996	1,021,996
2037	365,000	148,533	513,533	--	1,021,996	1,021,996
2038	370,000	139,846	509,846	--	1,021,996	1,021,996
2039	385,000	130,818	515,818	--	1,021,996	1,021,996
2040	395,000	121,886	516,886	1,575,000	1,021,996	2,596,996
2041	400,000	111,260	511,260	1,635,000	970,494	2,605,494
2042	415,000	100,500	515,500	1,690,000	917,029	2,607,029
2043	425,000	89,337	514,337	1,740,000	861,766	2,601,766
2044	435,000	77,905	512,905	1,800,000	804,868	2,604,868
2045	450,000	66,203	516,203	1,860,000	746,008	2,606,008
2046	465,000	53,738	518,735	1,925,000	683,326	2,608,326
2047	480,000	40,858	520,858	1,990,000	618,454	2,608,454
2048	490,000	27,562	517,562	2,055,000	551,390	2,606,390
2049	505,000	13,988	518,988	2,130,000	482,137	2,612,137
2050	--	--	--	2,200,000	410,356	2,610,356
2051	--	--	--	2,280,000	334,236	2,614,236
2052	--	--	--	2,365,000	255,348	2,620,348
2053	--	--	--	2,460,000	173,519	2,633,519
2054	--	--	--	2,555,000	88,403	2,643,403
	<u>\$9,740,000</u>	<u>\$4,048,145</u>	<u>\$13,788,142</u>	<u>\$30,260,00</u>	<u>\$27,315,258</u>	<u>\$57,575,258</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
2022	\$ --	\$611,023	\$611,023	\$ --	\$213,392	\$213,392
2023	--	611,023	611,023	--	213,392	213,392
2024	1,085,000	611,023	1,696,023	--	213,392	213,392
2025	1,090,000	608,636	1,698,636	--	213,392	213,392
2026	1,095,000	605,693	1,700,693	--	213,392	213,392
2027	1,100,000	601,313	1,701,313	--	213,392	213,392
2028	1,105,000	595,373	1,700,373	--	213,392	213,392
2029	1,115,000	588,301	1,703,301	--	213,392	213,392
2030	1,120,000	579,716	1,699,716	--	213,392	213,392
2031	1,130,000	570,196	1,700,196	--	213,392	213,392
2032	1,145,000	557,427	1,702,427	--	213,392	213,392
2033	1,160,000	542,084	1,702,084	--	213,392	213,392
2034	1,175,000	524,336	1,699,336	--	213,392	213,392
2035	1,200,000	505,536	1,705,536	--	213,392	213,392
2036	1,220,000	485,256	1,705,256	--	213,392	213,392
2037	1,245,000	463,906	1,708,906	--	213,392	213,392
2038	1,270,000	441,371	1,711,371	--	213,392	213,392
2039	1,300,000	417,876	1,717,876	--	213,392	213,392
2040	1,335,000	393,306	1,728,306	--	213,392	213,392
2041	1,360,000	367,541	1,727,541	415,000	213,392	628,392
2042	1,390,000	335,173	1,725,173	425,000	201,274	626,274
2043	1,415,000	302,091	1,717,091	435,000	188,864	623,864
2044	1,445,000	268,414	1,713,414	445,000	176,162	621,162
2045	1,475,000	234,023	1,709,023	460,000	163,168	623,168
2046	1,505,000	198,918	1,703,918	470,000	149,736	619,736
2047	1,545,000	161,142	1,706,142	485,000	135,213	620,213
2048	1,585,000	122,363	1,707,363	500,000	120,227	620,227
2049	1,625,000	82,579	1,707,579	515,000	104,777	619,777
2050	1,665,000	41,792	1,706,792	530,000	88,863	618,863
2051	--	--	--	545,000	72,486	617,486
2052	--	--	--	565,000	57,117	622,117
2053	--	--	--	585,000	43,501	628,501
2054	--	--	--	600,000	29,402	629,402
2055	--	--	--	620,000	14,942	634,942
	<u>\$34,900,000</u>	<u>\$12,427,431</u>	<u>\$47,327,431</u>	<u>\$7,595,000</u>	<u>\$5,813,572</u>	<u>\$13,408,572</u>



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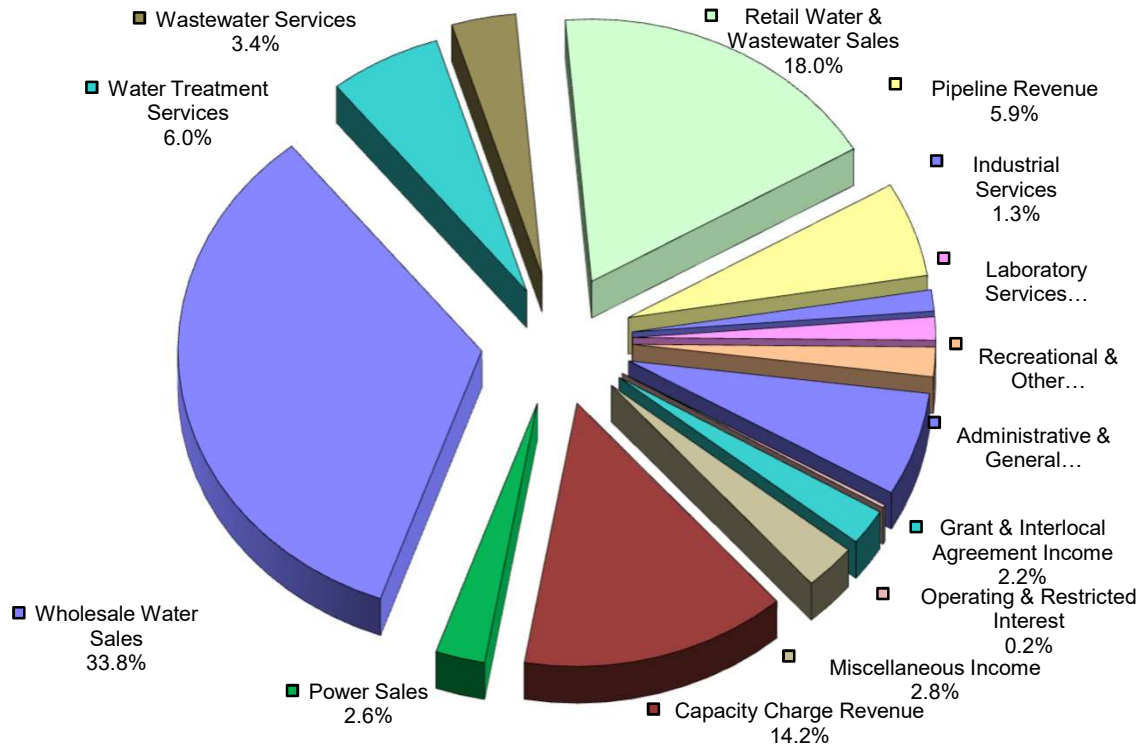


Fiscal Year 2022 Budget

flowing solutions

Budget Summary

REVENUES - GBRA



Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales	2,093,180	2,340,331	1,881,054
Wholesale Water Sales	23,365,951	22,669,385	24,173,036
Water Treatment Services	4,123,273	4,149,983	4,256,991
Wastewater Services	2,922,772	2,980,545	2,443,478
Retail Water & Wastewater Sales	9,108,260	9,342,750	12,829,380
Pipeline Revenue	3,079,521	3,254,124	4,181,604
Industrial Services	892,951	918,716	935,319
Laboratory Services	850,700	866,000	1,020,000
Recreational & Other Rentals	875,494	1,224,429	1,305,450
Administrative & General	4,021,980	4,144,391	4,561,950
Operating & Restricted Interest	1,052,736	48,420	141,135
Grant & Interlocal Agreement Income	758,313	759,486	1,576,305
Miscellaneous Income	3,782,931	1,678,152	2,008,291
Total Operating Revenue	56,928,062	54,376,712	61,313,993
Capacity Charge Revenue	9,331,393	9,867,225	10,141,921
I/F Loan Repayments from Operations			
Grand Total Revenues	66,259,455	64,243,937	71,455,914

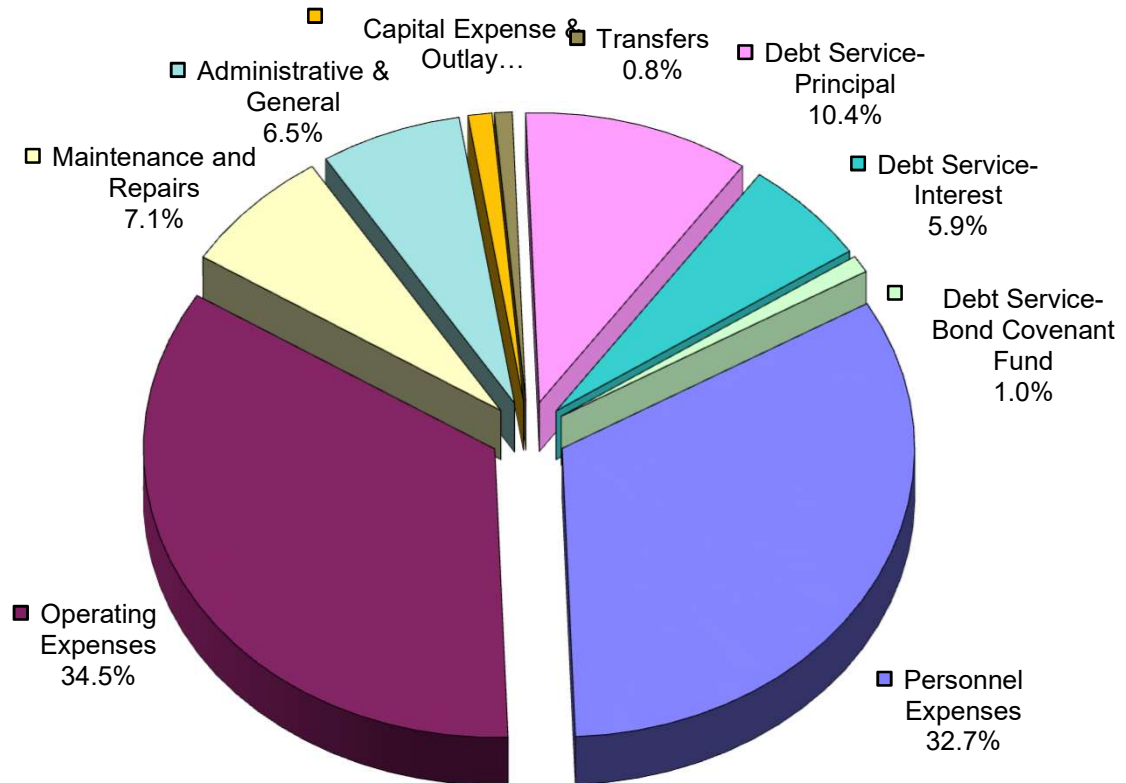


Fiscal Year 2022 Budget

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Budget Summary

EXPENSES - GBRA



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	20,308,336	20,762,982	22,965,207
Operating Expenses	21,917,431	22,198,838	24,203,429
Maintenance and Repairs	4,162,190	4,585,482	4,962,083
Administrative & General	4,018,808	4,144,391	4,561,950
Capital Expense & Outlay	7,263,250	573,300	771,575
Transfers		513,494	570,272
Total Operating and M&R Expenses	57,670,015	52,778,487	58,034,516
Debt Service-Principal	6,202,881	5,824,526	7,319,251
Debt Service-Interest	4,564,296	4,821,937	4,129,801
Debt Service-Bond Covenant Fund		378,237	675,982
Grand Total Expenses	68,437,192	63,803,187	70,159,550

Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022

Fund: *
Department: *

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Water Treatment				
41101	PLANT O&M	1,317,933	1,363,991	46,058
41102	PLANT A&G	118,620	144,693	26,073
41110	PL-RAW WATER DELIVERY	118,306	123,808	5,502
41111	PL-PLANT O&M INCOME	989,555	1,008,242	18,687
41112	PL-PLANT A&G INCOME	98,826	109,389	10,563
41115	POC-RAW WATER PURCHASES	21,607	22,613	1,006
41116	POC-PLANT O&M INCOME	257,192	250,966	(6,226)
41117	POC-PLANT A&G INCOME	24,870	26,436	1,566
41125	RW-RAW WATER PURCHASE	20,277	21,220	943
41126	RW-WATER TREATMENT	190,871	187,983	(2,888)
41127	RW-PLANT A&G INCOME	18,835	20,215	1,380
41135	LULING WTP-CITY OF LOCKHART CHARGE	772,671	747,130	(25,541)
41137	LU/LO DELIVERY SYSTEM-CITY OF LOCKHART	200,420	230,305	29,885
	Total Water Treatment	4,149,983	4,256,991	107,008
Wastewater Treatment				
41201	WW-OPR & MAINTENANCE	3,149,171	2,749,093	(400,078)
41202	WW-ADMINISTRATIVE & GENERAL	233,174	196,185	(36,989)
41207	WW-CREDIT TO CUSTOMER	(401,800)	(501,800)	(100,000)
	Total Wastewater Treatment	2,980,545	2,443,478	(537,067)
Hydroelectric				
41301	POWER SALES	466,657	446,646	(20,011)
	Total Hydroelectric	466,657	446,646	(20,011)
Industrial				
41401	COLETO CREEK POWER-O&M EXP	865,129	876,950	11,821
41402	COLETO CREEK POWER-A&G EXP	53,587	58,369	4,782
	Total Industrial	918,716	935,319	16,603
Wholesale Raw Water Sales				
42102	CANYON-INEOS	291,883	423,364	131,481

		FY 2021	FY 2022	FY 2022-2021
		BUDGET	BUDGET	DIFFERENCE
42103	CANYON-PORT LAVACA WTP	338,240	422,016	83,776
42104	CANYON-CCRWSC	72,631	107,545	34,914
42105	CANYON-CITY OF SEGUIN	151,000	157,000	6,000
42107	CANYON-SPRINGS HILL WSC	483,200	502,400	19,200
42108	CANYON-REBECCA CREEK MUD	19,630	20,410	780
42109	CANYON-CRWA-HAYS CO, SAN MARCOS	307,738	319,966	12,228
42110	CANYON-SEADRIFT COKE	50,434	52,438	2,004
42111	CANYON-UNION CARBIDE	15,100	15,700	600
42112	CANYON-STANDARD GYPSUM	38,958	40,506	1,548
42113	CANYON-CMS STEEL	105,700	109,900	4,200
42114	CANYON-NEW BRAUNFELS UTILITIES	2,298,220	2,389,540	91,320
42115	CANYON-CRYSTAL CLEAR WSC	120,800	125,600	4,800
42116	CANYON-CANYON REGIONAL WATER AUTH	1,797,469	1,863,466	65,997
42117	CANYON-CANYON LAKE WSC	966,400	1,004,800	38,400
42118	CANYON-CITY OF SAN MARCOS	1,510,000	1,570,000	60,000
42119	CANYON-GUADALUPE POWER PARTNERS	1,032,840	1,073,880	41,040
42120	CANYON-CITY OF KYLE	821,893	854,551	32,658
42121	CANYON-GREEN VALLEY SUD	151,000	157,000	6,000
42122	CANYON-HAYS ENERGY LTD PARTNERSHIP	372,064	386,848	14,784
42123	CANYON-CITY OF FAIR OAKS	279,350	290,450	11,100
42124	CANYON-SAN ANTONIO WATER SYSTEMS	1,060,341	784,301	(276,040)
42125	CANYON-CITY OF BOERNE	545,261	566,927	21,666
42126	CANYON-GBRA-COMAL TRACE	12,080	19,625	7,545
42127	CANYON-SAN JOSE-PARK VILLAGE	48,622	50,554	1,932
42128	CANYON-JACQUELYN COUSER	15,100	15,700	600
42129	CANYON-BREMER RANCH, LTD	15,100	15,700	600
42130	CANYON-CITY OF BLANCO	90,600	94,200	3,600
42131	CANYON-FORESIGHT	43,790	45,530	1,740
42132	CANYON-CORDILLERA RANCH, LTD	226,500	235,500	9,000
42133	CANYON-KENDALL COUNTY/TAPATIO SPRINGS	113,250	117,750	4,500
42134	CANYON-CITY OF BUDA	253,680	263,760	10,080
42135	CANYON-DH INV-JOHNSON RANCH	135,900	141,300	5,400
42136	CANYON-GOFORTH SUD	457,077	598,327	141,250
42137	CANYON-HH RANCH PROPERTIES	37,750	39,250	1,500
42138	CANYON-SUNFIELD	175,009	58,875	(116,134)
42139	CANYON-MONARCH UTILITIES, LP	84,560	87,920	3,360
42140	CANYON-MIRALOMAS MUD	113,250	117,750	4,500
42141	CANYON-SMALL WATER SALES	55,971	63,178	7,207
42142	CANYON-SELECT ENERGY	-	220,000	220,000
42150	WOMACK-NEW BRAUNFELS UTILITIES	430,350	447,450	17,100
42151	CARRIZO-NEW BRAUNFELS UTILITES	584,000	656,000	72,000
42152	CARRIZO-CITY OF LOCKHART	219,000	246,000	27,000
42153	CARRIZO-GOFORTH SUD	292,000	328,000	36,000
42170	CANAL-PT LAVACA	118,306	123,808	5,502
42171	CANAL-RURAL WATER	20,277	21,220	943

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
42172	CANAL-CARBIDE	929,492	972,724	43,232
42173	CANAL-INEOS	256,934	267,211	10,277
42174	CANAL-SPRINKLER IRRIGATION	27,000	27,000	-
42175	CANAL-SEADRIFT COKE	28,439	29,544	1,105
42176	CANAL-CRAWFISH FARM	9,000	9,000	-
42177	CANAL-PONDS & RIGS	12,100	3,000	(9,100)
42178	CANAL-WATERFOWL	25,000	25,000	-
42179	CANAL-POC IDC	21,608	22,613	1,005
42181	CANAL-OTHER	18,000	6,000	(12,000)
	Total Wholesale Raw Water Sales	17,699,897	18,608,097	908,200
	Wholesale Water Treatment			
42201	ANNUAL SERVICE FEE INCOME	996,096	1,012,232	16,136
42230	WCANYON WTP O&M	3,973,392	4,552,707	579,315
	Total Wholesale Water Treatment	4,969,488	5,564,939	595,451
	Retail Water Sales			
42301	WATER SALES	3,547,372	4,031,756	484,384
42302	WHOLESALE WATER SALES	40,000	75,000	35,000
42310	WATER CONNECTION FEES	195,750	121,075	(74,675)
42320	WATER MEMBERSHIP FEES	28,000	36,000	8,000
42340	TRANSFER FEES	-	2,540	2,540
	Total Retail Water Sales	3,811,122	4,266,371	455,249
	Retail Wastewater			
42401	WASTEWATER SERVICES	3,777,820	6,735,249	2,957,429
42402	SEWER CONNECTION/INSP FEES	1,601,225	1,709,317	108,092
42404	SERVICE CALL INCOME	7,550	10,200	2,650
42405	TRANSFER FEES	1,200	35,400	34,200
42450	CHARGES TO DEVELOPERS	143,833	72,843	(70,990)
	Total Retail Wastewater	5,531,628	8,563,009	3,031,381
	Pipeline Revenue			
42501	O&M-IH35, BUDA	72,731	107,241	34,510
42502	O&M-IH35, GOFORTH	192,216	245,307	53,091
42503	O&M-IH35, KYLE	243,128	300,533	57,405
42504	O&M-IH35, MONARCH	49,353	61,028	11,675
42550	O&M-RRWDS, COSM	831,697	1,194,982	363,285
42551	O&M-RRWDS, BUDA	92,479	141,881	49,402
42552	O&M-RRWDS, GOFORTH	244,409	324,544	80,135
42553	O&M-GPP	642,483	666,632	24,149
42554	O&M-RRWDS, HELP	115,339	148,344	33,005
42555	O&M-RRWDS, KYLE	309,145	397,608	88,463
42556	O&M-RRWDS, CRWA	194,007	249,523	55,516
42557	O&M-RRWDS, MONARCH	62,754	80,711	17,957

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
42570	O&M-SMWTP, COSM	(817,641)	(800,000)	17,641
42571	O&M-SMWTP, BUDA	133,349	159,682	26,333
42572	O&M-SMWTP, GOFORTH	352,422	365,260	12,838
42573	O&M-SMWTP, KYLE	445,766	447,491	1,725
42574	O&M-SMWTP, MONARCH	90,487	90,837	350
	Total Pipeline Revenue	3,254,124	4,181,604	927,480
	Hydroelectric			
42701	ENERGY CHARGE	873,674	726,075	(147,599)
42702	FACILITY CHARGE	1,000,000	708,333	(291,667)
	Total Hydroelectric	1,873,674	1,434,408	(439,266)
	Laboratory			
42801	REV-LABORATORY SERVICES	866,000	1,020,000	154,000
	Total Laboratory	866,000	1,020,000	154,000
	Recreation & Other Rentals			
42901	REV-FACILITY RENTAL	59,564	38,000	(21,564)
42902	REV-PARK ENTRY FEES	1,015,965	1,144,450	128,485
42903	REV-CONCESSIONS/STORE CHARGES	19,000	10,000	(9,000)
42915	REV-SPONSORSHIPS	8,250	3,000	(5,250)
42920	REV-HUNTING REVENUE	24,050	18,000	(6,050)
42921	REV-HYDRO HOUSE RENTALS	4,200	-	(4,200)
42922	REV-AG & LAND USE	93,400	92,000	(1,400)
	Total Recreation & Other Rentals	1,224,429	1,305,450	81,021
	Internal Transfers			
43001	REV-ADMIN & GEN CHARGES	4,144,391	4,561,950	417,559
43002	REV-BUILDING/EQUIP RENTAL	199,088	193,616	(5,472)
	Total Internal Transfers	4,343,479	4,755,566	412,087
	Operating Interest			
44101	INT-OPR CASH ACCOUNTS	25,000	25,000	-
44110	INT-OPR INVESTMENT FUNDS	23,420	116,135	92,715
	Total Operating Interest	48,420	141,135	92,715
	Misc Income			
45195	MISCELLANEOUS REVENUES	428,500	529,200	100,700
	Total Misc Income	428,500	529,200	100,700
	Pass-Through Costs			
45240	PASS-THROUGH-ELECTRIC COSTS	396,664	444,860	48,196
45241	PASS-THROUGH-CHEMICAL COSTS	398,681	494,279	95,598
45242	PASS-THROUGH-GNDWTR ELECTRIC COSTS	119,448	200,500	81,052
45243	PASS-THROUGH-GNDWTR CHEMICAL COSTS	24,106	34,660	10,554

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
45244 PASS-THROUGH-INSURANCE	26,665	25,676	(989)
45245 PASS-THROUGH-LOC	10,000	10,500	500
45246 PASS-THROUGH-INSPECTION	75,000	75,000	-
Total Pass-Through Costs	1,050,564	1,285,475	234,911
Grant & Interlocal Agreement Income			
45301 GRANTS-FEDERAL	245,215	674,015	428,800
45302 GRANTS-STATE	300,000	722,594	422,594
45303 GRANTS-CLEAN RIVERS PROGRAM	175,225	140,650	(34,575)
45320 INTERLOCAL-CONTRIBUTED BY CUSTOMERS	39,046	39,046	-
Total Grant & Interlocal Agreement Income	759,486	1,576,305	816,819
Total Operating Revenue	54,376,712	61,313,993	6,937,281
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	14,409,795	16,070,563	1,660,768
51102 LBR-OVERTIME	793,977	940,822	146,845
Total Salaries	15,203,772	17,011,385	1,807,613
Benefits			
51201 BEN-FICA/MED	1,112,075	1,213,805	101,730
51202 BEN-RETIREMENT	2,198,755	2,321,859	123,104
51203 BEN-HEALTH/DENTAL/VISION INSURANCE	2,110,200	2,256,758	146,558
51204 BEN-LIFE INSURANCE, LTD, AD&D	138,180	161,400	23,220
Total Benefits	5,559,210	5,953,822	394,612
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	4,707,855	5,187,204	479,349
52102 OPR-AUXILIARY POWER EXPENSE	163,980	136,225	(27,755)
52103 OPR-CHEMICALS	1,553,918	1,711,901	157,983
52110 OPR-SMALL TOOLS AND SUPPLIES	99,960	125,460	25,500
52111 OPR-PUBLIC NOTICES AND COMMUNICATIONS	157,000	192,000	35,000
52113 OPR-LAB SUPPLIES	271,600	297,804	26,204
52114 OPR-LABORATORY SERVICES-GBRA	512,720	554,044	41,324
52115 OPR-LABORATORY SERVICES-OUTSOURCED	108,803	113,303	4,500
52118 OPR-DISPOSAL SERVICES	975,916	1,021,727	45,811
52120 OPR-UNIFORMS	80,772	111,570	30,798
52121 OPR-SAFTY & EMERGENCY EXPENSE	140,745	147,095	6,350
52122 OPR-SECURITY EXPENSE	40,430	39,930	(500)
52123 OPR-EQUIPMENT RENTAL	185,116	189,684	4,568
52124 OPR-EQUIPMENT EXPENSE	137,384	118,274	(19,110)
52125 OPR-VEHICLE EXPENSE	311,484	301,734	(9,750)

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52126 OPR-FLEET LEASE EXPENSE	153,699	259,500	105,801
52132 OPR-GAUGING AND MONITORING	25,000	25,000	-
52133 OPR-SCADA	117,150	139,550	22,400
52135 OPR-PROCESS/SPECIAL OPERATING	39,000	-	(39,000)
52145 OPR-CONTRACT LABOR	149,890	156,190	6,300
52150 OPR-WATER PURCHASES/DELIVERY	2,006,656	2,119,928	113,272
52155 OPR-TRANSMISSION CHARGES	45,000	45,000	-
Total Operating Supplies & Services	11,984,078	12,993,123	1,009,045

Professional Services and Fees

52201 OPR-PROFESSIONAL SERVICES-ENGINEERING	725,500	1,015,000	289,500
52202 OPR-PROFESSIONAL SERVICES-LEGAL	1,535,000	1,049,675	(485,325)
52204 OPR-PROFESSIONAL SERVICES-EMPLOYEE RELATED	115,025	87,175	(27,850)
52205 OPR-PROFESSIONAL SERVICES-OTHER	2,293,059	2,845,265	552,206
52210 OPR-CORPS OF ENGINEERS	850,000	850,000	-
52211 OPR-USGS MONITORING	225,179	225,179	-
52212 OPR-CARRIZO LEASE PAYMENTS	896,200	923,050	26,850
52213 OPR-GROUNDWATER DISTRICT FEES	139,672	150,788	11,116
52214 OPR-EAA HABITAT CONSERVATION	150,000	150,000	-
52215 OPR-GUADALUPE BLANCO RIVER TRUST	224,000	224,000	-
52216 OPR-REGULATORY FEES	263,420	371,733	108,313
52217 OPR-INSPECTION FEES	147,153	142,585	(4,568)
52219 OPR-CUSTOMER BILLING FEES	70,200	176,992	106,792
52220 OPR-BANK FEES	47,636	47,764	128
52222 OPR-MEMBERSHIPS & PUBLICATIONS	49,415	75,713	26,298
52223 OPR-LICENSE & TRAINING	218,995	240,970	21,975
52224 OPR-TRAVEL & MEETINGS	144,875	212,929	68,054
Total Professional Services and Fees	8,095,329	8,788,818	693,489

Office Expenses

52301 OPR-OFFICE SUPPLIES	116,530	112,280	(4,250)
52302 OPR-COMPUTER & SOFTWARE EXPENSE	366,250	540,850	174,600
52303 OPR-WIDE AREA NETWORK EXPENSE	-	70,150	70,150
52304 OPR-COPY SUPPLIES AND SERVICES	50,100	41,400	(8,700)
52305 OPR-POSTAGE AND FREIGHT EXPENSE	35,420	45,930	10,510
52306 OPR-COMMUNICATIONS	220,086	265,894	45,808
52320 OPR-EDUCATION EXPENSE	1,000	4,000	3,000
52321 OPR-COMMUNITY AFFAIRS	94,000	96,000	2,000
52322 OPR-MEDIA EXPENSE	17,368	20,167	2,799
52323 OPR-EMPLOYEE RELATIONS	21,150	54,950	33,800
52330 OPR-OUTSOURCED PRINTING EXPENSE	31,500	39,000	7,500
52331 OPR-JANITORIAL SUPPLIES AND SERVICE	59,300	67,860	8,560
Total Office Expenses	1,012,704	1,358,481	345,777

Other Operating Expenses

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52401	OPR-DIRECTORS EXPENSES	25,000	15,000	(10,000)
52403	OPR-OFFICE/BUILDING RENTAL	200,348	194,876	(5,472)
52404	OPR-RIGHT OF WAY	18,840	13,135	(5,705)
52405	OPR-CONCESSIONS/STORE MERCHANDISE	11,500	3,500	(8,000)
52420	OPR-INSURANCE EXPENSE	736,889	750,546	13,657
52430	OPR-MISC EXPENSE	114,150	85,950	(28,200)
	Total Other Operating Expenses	1,106,727	1,063,007	(43,720)
	SUBTOTAL OF OPERATIONAL EXPENSES	42,961,820	47,168,636	4,206,816
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	423,836	441,650	17,814
53105	M&R-GENERATORS	-	29,000	29,000
53110	M&R-CONTROL SYSTEMS	235,860	111,410	(124,450)
53115	M&R-METERS	178,920	168,020	(10,900)
53120	M&R-BOATS	10,000	13,000	3,000
	Total Maintenance and Repair Equipment	848,616	763,080	(85,536)
	Structures			
53201	M&R-BUILDING	244,280	247,420	3,140
53202	M&R-CLEARWELLS	13,400	10,400	(3,000)
53205	M&R-PUMPS AND MOTORS	509,712	600,433	90,721
53210	M&R-GATES AND VALVES	67,540	107,640	40,100
53215	M&R-LIFTSTATIONS	100,000	116,000	16,000
53216	M&R-PUMPSTATIONS	213,600	208,600	(5,000)
53220	M&R-CLARIFIERS	59,500	149,500	90,000
53225	M&R-FENCES	12,000	-	(12,000)
53230	M&R-PIPELINES	329,700	658,200	328,500
53235	M&R-TRANSMISSION LINES	404,000	424,000	20,000
53237	M&R UV SYSTEM	10,000	10,000	-
53238	M&R-FILTERS	129,764	64,300	(65,464)
53240	M&R-SPILLGATES	17,000	21,000	4,000
53245	M&R-POWERHOUSE	170,000	170,000	-
53250	M&R-LAKE STRUCTURES	3,000	3,000	-
53251	M&R-PARK STRUCTURES	12,900	15,900	3,000
	Total Structures	2,296,396	2,806,393	509,997
	Other Maintenance & Repairs			
53301	M&R-ROADS	83,600	100,800	17,200
53302	M&R-WELLS	241,750	136,000	(105,750)
53310	M&R-GROUNDS/ROW	398,720	347,420	(51,300)
53315	M&R-CAMP AND PICNIC SITES	49,700	58,000	8,300
53320	M&R-PONDS AND LAGOONS	24,000	28,000	4,000
53324	M&R-REMOVE LOG JAMS	26,200	26,200	-
53325	M&R-GENERAL MAINTENANCE	535,020	625,460	90,440

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
53399 M&R-MISC EXPENSE	81,480	70,730	(10,750)
Total Other Maintenance & Repairs	1,440,470	1,392,610	(47,860)
SUBTOTAL OF M&R EXPENSES	4,585,482	4,962,083	376,601
Administrative & General			
54100 ADMINISTRATIVE & GENERAL	4,144,391	4,561,950	417,559
Total Administrative & General	4,144,391	4,561,950	417,559
Capital Expenses			
55001 CUSTOMER-OWNED CAPITAL EXPENSE	34,300	4,300	(30,000)
55002 GBRA-OWNED CAPITAL EXPENSE	35,000	-	(35,000)
Total Capital Expenses	69,300	4,300	(65,000)
Capital Outlay			
13201 STRUCTURES & IMPROVEMENTS	97,000	130,000	33,000
13208 SPECIALIZED OPER EQUIPMENT	-	11,000	11,000
13211 ELECTRICAL/CONTROL EQUIPMENT	-	117,775	117,775
13216 COMMUNICATION EQUIPMENT	-	10,000	10,000
13217 AUTO & HEAVY EQUIPMENT	315,000	440,000	125,000
13218 OFFICE FURNITURE & EQUIP	-	35,500	35,500
13219 MISCELLANEOUS EQUIPMENT	92,000	23,000	(69,000)
Total Capital Outlay	504,000	767,275	263,275
Transfers			
61505 TRANSFERS-DESIGNATED PROJECT FUND	687,651	953,797	266,146
61515 TRANSFERS-RESERVE FUND	(174,157)	(383,525)	(209,368)
Total Transfers	513,494	570,272	56,778
TOTAL OPERATING AND M&R EXPENSES	52,778,487	58,034,516	5,256,029
Net Operating Income	1,598,225	3,279,477	1,681,252

DEBT SERVICE BUDGET

Capacity Charge Revenue			
41119 POC-DEBT SERVICE	35,081	17,542	(17,539)
41129 RW-DEBT SERVICE	26,207	13,104	(13,103)
41131 DEBT SERVICE-LU/LO PROJECT	398,964	407,091	8,127
41133 DEBT COVER-LU/LO PROJECT	39,896	40,709	813
41138 DEBT SERVICE-LULING WTP	215,306	-	(215,306)
42601 DEBT SERV-RRWDS, COSM	672,561	682,520	9,959

		FY 2021	FY 2022	FY 2022-2021
		BUDGET	BUDGET	DIFFERENCE
42602	DEBT SERV-RRWDS, BUDA	103,985	103,985	-
42603	DEBT SERV-RRWDS, GOFORTH	239,878	309,241	69,363
42604	DEBT SERV-RRWDS, KYLE	337,928	337,928	-
42605	DEBT SERV-RRWDS, MONARCH	34,962	34,962	-
42606	DEBT SERV-RRWDS, SUNFIELD	102,338	32,970	(69,368)
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	386,672	498,354	111,682
42642	DEBT SERV-2013 IH35, KYLE	542,774	542,774	-
42643	DEBT SERV-2013 IH35, MONARCH	55,841	55,841	-
42644	DEBT SERV-2013 IH35, SUNFIELD	165,038	53,356	(111,682)
42655	DEBT SERV-2013 WCANYON, BREMER	9,501	-	(9,501)
42656	DEBT SERV-2013 WCANYON, BOERNE	617,539	-	(617,539)
42657	DEBT SERV-2013 WCANYON, CLWSC	342,972	-	(342,972)
42658	DEBT SERV-2013 WCANYON, COMAL TRACE	38,002	-	(38,002)
42659	DEBT SERV-2013 WCANYON, CORDILLERA RANCH	232,765	-	(232,765)
42660	DEBT SERV-2013 WCANYON, COUSER	9,501	-	(9,501)
42661	DEBT SERV-2013 WCANYON, FAIR OAKS	447,478	-	(447,478)
42662	DEBT SERV-2013 WCANYON, JOHNSON RANCH	142,509	-	(142,509)
42663	DEBT SERV-2013 WCANYON, MIRALOMAS	106,882	-	(106,882)
42664	DEBT SERV-2013 WCANYON, SAWS	3,278,182	-	(3,278,182)
42665	DEBT SERV-2013 WCANYON, KENDALL WEST	95,006	-	(95,006)
42670	DEBT SERV-2016 SMWTP, BUDA	37,444	37,444	-
42671	DEBT SERV-2016 SMWTP, GOFORTH	86,427	111,390	24,963
42672	DEBT SERV-2016 SMWTP, KYLE	121,318	121,318	-
42673	DEBT SERV-2016 SMWTP, MONARCH	12,481	12,481	-
42674	DEBT SERV-2016 SMWTP, SUNFIELD	36,889	11,926	(24,963)
42680	DEBT SERV-2020 WCANYON COMB, BOERNE	30,589	749,792	719,203
42681	DEBT SERV-2020 WCANYON COMB, BREMER	471	9,372	8,901
42682	DEBT SERV-2020 WCANYON COMB, CLWSC-BULVERI	16,989	338,343	321,354
42683	DEBT SERV-2020 WCANYON COMB, COMAL TRACE	1,765	58,578	56,813
42684	DEBT SERV-2020 WCANYON COMB, COUSER	471	9,372	8,901
42685	DEBT SERV-2020 WCANYON COMB, FAIR OAKS	22,871	441,440	418,569
42686	DEBT SERV-2020 WCANYON COMB, GBRA CORDILLEI	10,000	246,026	236,026
42687	DEBT SERV-2020 WCANYON COMB, JOHNSON RANC	7,059	140,586	133,527
42688	DEBT SERV-2020 WCANYON COMB, KENDALL WEST	4,706	93,724	89,018
42689	DEBT SERV-2020 WCANYON COMB, MIRALOMAS	5,294	105,440	100,146
42690	DEBT SERV-2020 WCANYON COMB, SAWS	163,322	3,055,871	2,892,549
42692	DEBT COVERAGE-2020 WCANYON COMB REF BONDS	-	477,120	477,120
42695	DEBT SERV-CARRIZO, NBU	94,537	290,063	195,526
42696	DEBT SERV-CARRIZO, GOFORTH	42,153	133,518	91,365
42697	DEBT SERV-CARRIZO, LOCKHART	35,669	108,738	73,069
Total Capacity Charge Revenue		9,867,225	10,141,921	274,696

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
12532	I/F LOAN PAID-STEIN FALLS	700,000	700,000	-
24201	I/F LOAN-GENERAL	(700,000)	(700,000)	-
	Total Debt Revenue	9,867,225	10,141,921	274,696

	Principal Payments Expense			
21101	LOAN-1977 CORP OF ENGINEERS	270,794	278,133	7,339
21105	LOAN-2008 CLEARWELL, Frost	58,760	30,284	(28,476)
21106	LOAN-2012 STEIN FALLS EXP, Regions	115,000	120,000	5,000
21109	LOAN-2016 GENERATOR, WFargo	9,384	-	(9,384)
21110	LOAN-2016 PRESS/TRUCK, WFargo	39,448	-	(39,448)
21150	LOAN-BUDGET PRINCIPAL	199,057	-	(199,057)
21201	BOND-2007 RRWDS	130,000	138,333	8,333
21202	BOND-2010 RRWDS	540,000	566,667	26,667
21203	BOND-2011 GEN IMP	185,000	-	(185,000)
21204	BOND-2012 MID-BASIN	225,000	225,417	417
21205	BOND-2013 IH35	641,667	662,500	20,833
21206	BOND-2013 WCANYON	2,650,000	-	(2,650,000)
21207	BOND-2014 LULO PIPELINE	287,500	305,833	18,333
21209	BOND-2016 SMWTP	99,583	95,417	(4,166)
21211	BOND-2017 RRWDS	263,333	271,667	8,334
21212	BOND-2020 WCANYON REFUND BONDS	110,000	4,006,250	3,896,250
21214	BOND-2018B TWDB CARRIZO GRNDWTR	-	26,667	26,667
21218	BOND-2020 GEN IMP REV REF (OFFICE)	-	592,083	592,083
	Total Principal Payments Expense	5,824,526	7,319,251	1,494,725

	Interest Expense			
57101	INT-LONG TERM LOANS	60,708	56,780	(3,928)
57102	INT-CLEARWELL, Frost	2,528	362	(2,166)
57103	INT-LULO BONDS	111,464	101,258	(10,206)
57201	INT-1977 CANYON COE	38,096	30,757	(7,339)
57203	INT-2007 RRWDS	340,067	327,695	(12,372)
57204	INT-2010 RRWDS	71,419	53,806	(17,613)
57205	INT-2020 GEN IMP BONDS	121,513	236,340	114,827
57206	INT-2012 MID-BASIN BONDS	35,341	33,738	(1,603)
57207	INT-2013 IH35 BONDS	555,635	529,969	(25,666)
57208	INT-2020 WCANYON BONDS	2,187,096	-	(2,187,096)
57209	INT-2014 STEIN FALLS, Generator	2,105	-	(2,105)
57210	INT-2016 SMWTP	168,915	166,844	(2,071)
57211	INT-2016 PRESS/TRUCK/GENERATOR, WFargo	8,846	-	(8,846)
57212	INT-2017 RRWDS	241,531	233,631	(7,900)
57214	INT-2020 WCANYON REFUND BONDS	127,575	763,643	636,068
57215	INT-2018/19/20/21 CARRIZO GROUNDWATER, TWDI	732,849	1,594,978	862,129
57250	INT-BUDGET LOAN EXPENSE	16,249	-	(16,249)
	Total Interest Expense	4,821,937	4,129,801	(692,136)

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
	Transfers			
61550	TRANSFERS-RESTRICTED/BOND COVENANT FUND	<u>378,237</u>	<u>675,982</u>	<u>297,745</u>
	Total Transfers	<u>378,237</u>	<u>675,982</u>	<u>297,745</u>
	Total Debt Expense	<u>11,024,700</u>	<u>12,125,034</u>	<u>1,100,334</u>
	Net Change in Debt Service Budget	<u>(1,157,475)</u>	<u>(1,983,113)</u>	<u>(825,638)</u>
	Net Change in Fund Balance	<u>440,750</u>	<u>1,296,364</u>	<u>855,614</u>

GBRA Consolidated - Capital Outlay Expense

Division Description		FY 2022
Capital Outlay Funded From Current Revenues		
010	Firewall for DR Site	\$ 12,000
010	UPS Upgrade for Server Room	\$ 20,000
030	Vac/Jetter Truck	\$ 121,667
032	Replacement Generator at WWTP site	\$ 117,775
037	Vac/Jetter Truck	\$ 243,333
041	Office Furniture-Gorge	\$ 3,500
041	Buyout of IC Unit-LAB	\$ 11,000
041	Zero Turn Lawn Mower-Nolte	\$ 13,000
043	Replacement Haul Truck with Heavy Duty Flat Bed	\$ 75,000
070	SCADA-new Crestview WWTP	\$ 10,000
092	Septic System for Pavillion C and RV Sites	\$ 130,000
092	Small UTV-Park Host	\$ 10,000
Total Capital Outlay Expense		\$ 767,275



General Division

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

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

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

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

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

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

General Division

Operating Plan for Fiscal Year Ending 8/31/22

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.

The General Division employs 47 employees who work within GBRA's Seguin office. These employees work under the supervision of the General Manager/CEO.

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 2022 is estimated at \$4,562,450. The remainder of the Division's revenue is from interest on investments in the amount of \$31,000.

The total revenue budgeted for the General Division in FY 2022 is \$4,593,450, which is \$422,059 or 10.1%, more than the previous year, with no change to the administrative rate charged to the various GBRA divisions. This amount is calculated based on the amount each division budgeted for labor costs in FY 2022.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The work plan for FY 2022 includes a projected 8.7% increase in total budgeted operating and maintenance expenditures from FY 2021 budget. The increase is primarily the result of additions in staffing for the General Division to include positions in Information Technology, Purchasing, and Communications.

The largest single cost component of the Division budget is personnel costs at \$3,156,237. Other significant expenditures in FY 2022 are for professional fees at \$617,350 and computer software and expenses of \$268,050.

FUND BALANCE

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

In summary, budgeted revenue less operating and capital expenditures will result in the Division's fund balance decreasing from operating activities by \$700,000. When including a budgeted repayment of \$700,000 from an interfund loan from the Rural Utilities Division, the net change in fund balance is expected to be \$0.



Fiscal Year 2022 Budget
flowing solutions

General	# of Authorized Positions (FTE)		
	2020	2021	2022
General Manager/CEO	1	1	1
Senior Deputy General Manager	1	1	1
Deputy General Manager	1	1	1
Senior Advisor to the General Manager	3	3	1
General Counsel	1	1	1
Executive Manager of Administration	1	1	1
Executive Manager of Finance/CFO	1	1	1
Associate & Assistant General Counsel	3	3	3
Deputy CFO-Accounting & Purchasing	1	1	---
Deputy Executive Manager of Finance	1	1	1
Projects & Special Projects Managers	1	1	3
Communication Manager	1	1	1
Controller	1	1	1
Director of Regulatory & Customer Affairs	1	1	1
Human Resources Manager	1	1	1
IT Manager	1	1	1
Purchasing Manager	1	1	1
Safety & Risk Manager	1	1	1
Strategic & Community Affairs Manager	---	---	1
Accounting Services Supervisor	1	1	1
Project & Community Representative	---	---	1
Executive Assistant to the General Counsel	1	1	---
Executive Assistant to the General Manager	1	1	1
GIS Administrator	1	1	1
Grant Writer/Administrator	1	1	1
Database & Network Administrators	1	1	2
SCADA Administrator/Tech	2	2	4
Paralegal	1	1	1
Regional Representative	---	---	1
Communications & Media Specialists	1	1	2
Environmental Education Administrator	1	1	1
Environmental Education Specialist	1	1	1
Help Desk Technician	1	1	1
Records Manager	1	1	1
Accountant	3	2	2
Administrative Support Assistant	1	1	1
Human Resources Specialist	1	1	1
Accounting Assistant	1	1	2
Customer Service Assistant	2	2	2
Buyer	---	---	1
Records Assistant	1	1	1
Utility Billing/Customer Service Specialist	---	1	1
Total	45	45	52

Changes from FY 2020 to FY 2021

No staffing changes for this division

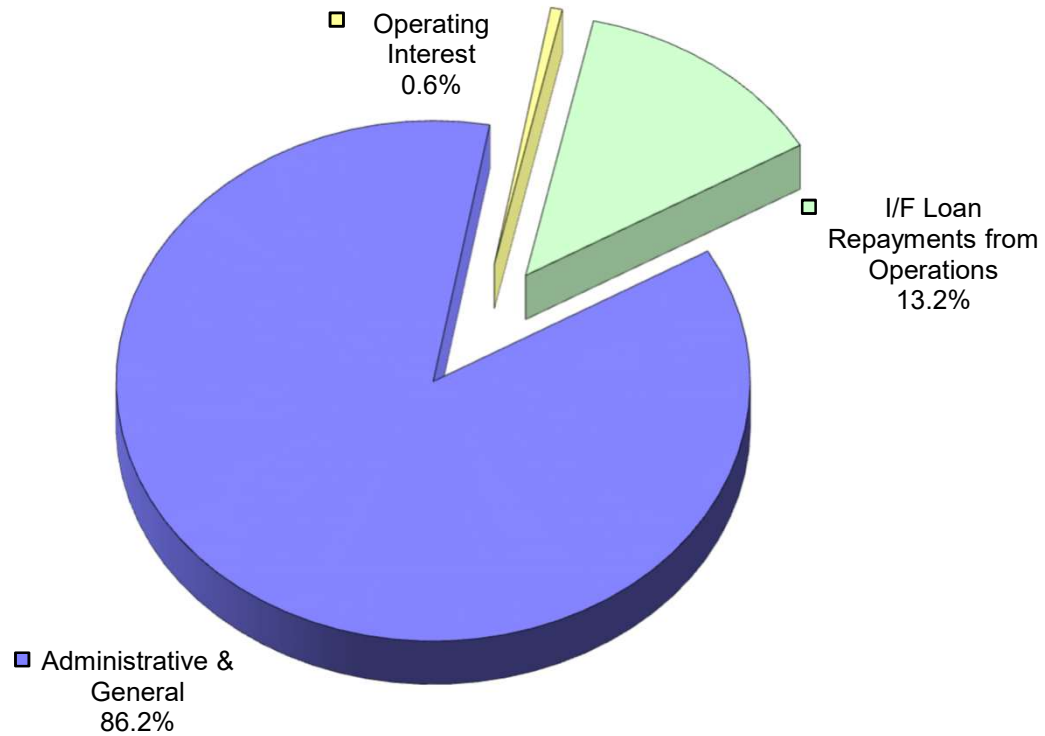
Changes from FY 2021 to FY 2022

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



Budget Summary

REVENUES - GENERAL

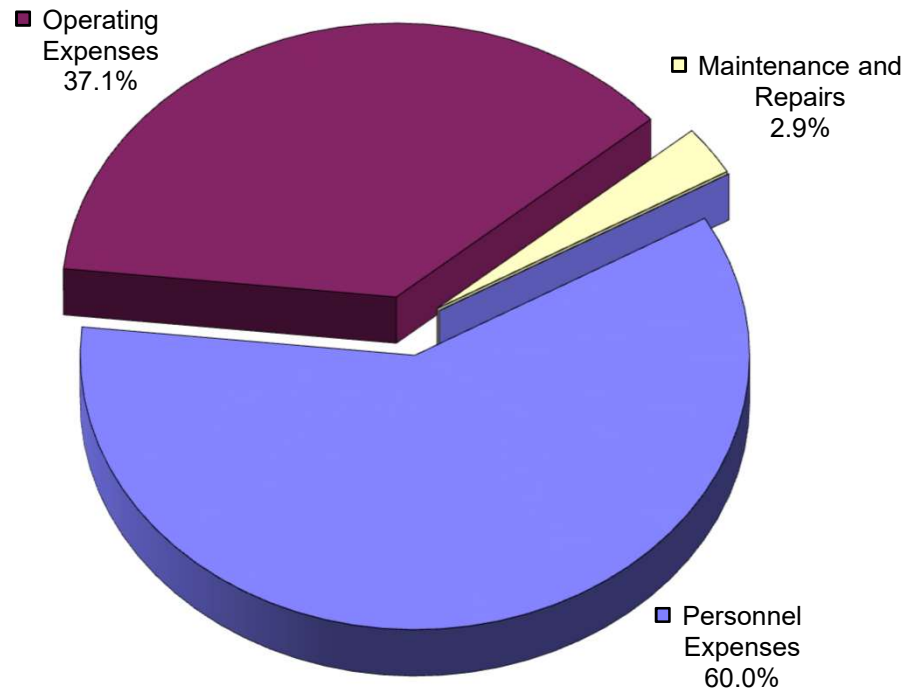


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General	4,021,980	4,144,391	4,561,950
Operating Interest	141,985	26,500	31,000
Grant & Interlocal Agreement Income			
Miscellaneous Income	3,014	500	500
Total Operating Revenue	4,166,979	4,171,391	4,593,450
Capacity Charge Revenue			
I/F Loan Repayments from Operations		700,000	700,000
Grand Total Revenues	4,166,979	4,871,391	5,293,450



Budget Summary

EXPENSES - GENERAL



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	2,660,327	2,704,512	3,156,237
Operating Expenses	1,419,846	1,931,855	1,952,213
Maintenance and Repairs	100,473	235,010	153,000
Administrative & General			32,000
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	4,180,646	4,871,377	5,293,450
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	4,180,646	4,871,377	5,293,450

Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022

**010 - General
Department ***

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Internal Transfers			
43001 REV-ADMIN & GEN CHARGES	4,144,391	4,561,950	417,559
43002 REV-BUILDING/EQUIP RENTAL	500	500	-
Total Internal Transfers	4,144,891	4,562,450	417,559
Operating Interest			
44101 INT-OPR CASH ACCOUNTS	25,000	25,000	-
44110 INT-OPR INVESTMENT FUNDS	1,500	6,000	4,500
Total Operating Interest	26,500	31,000	4,500
Total Operating Revenue	4,171,391	4,593,450	422,059
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	2,349,311	2,899,902	550,591
51102 LBR-OVERTIME	1,459	18,491	17,032
Total Salaries	2,350,770	2,918,393	567,623
Benefits			
51201 BEN-FICA/MED	1,112,075	1,213,805	101,730
51202 BEN-RETIREMENT	2,198,755	2,321,859	123,104
51203 BEN-HEALTH/DENTAL/VISION INSURANCE	2,110,200	2,256,758	146,558
51204 BEN-LIFE INSURANCE, LTD, AD&D	138,180	161,400	23,220
51298 BEN-BENEFIT ALLOCATION	(5,205,468)	(5,715,978)	(510,510)
Total Benefits	353,742	237,844	(115,898)
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	90,000	101,000	11,000
52110 OPR-SMALL TOOLS AND SUPPLIES	1,000	1,000	-
52111 OPR-PUBLIC NOTICES AND COMMUNICATIONS	17,500	27,500	10,000
52120 OPR-UNIFORMS	3,000	17,900	14,900
52121 OPR-SAFETY & EMERGENCY EXPENSE	24,000	39,000	15,000

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52122	OPR-SECURITY EXPENSE	10,000	10,000	-
52124	OPR-EQUIPMENT EXPENSE	10	-	(10)
52125	OPR-VEHICLE EXPENSE	40,000	40,000	-
52126	OPR-FLEET LEASE EXPENSE	7,817	36,417	28,600
52135	OPR-PROCESS/SPECIAL OPERATING	26,000	-	(26,000)
	Total Operating Supplies & Services	219,327	272,817	53,490
	Professional Services and Fees			
52202	OPR-PROFESSIONAL SERVICES-LEGAL	30,000	24,675	(5,325)
52204	OPR-PROFESSIONAL SERVICES-EMPLOYEE RELATED	115,025	87,175	(27,850)
52205	OPR-PROFESSIONAL SERVICES-OTHER	573,250	505,500	(67,750)
52215	OPR-GUADALUPE BLANCO RIVER TRUST	224,000	224,000	-
52220	OPR-BANK FEES	9,360	5,640	(3,720)
52222	OPR-MEMBERSHIPS & PUBLICATIONS	25,226	31,749	6,523
52223	OPR-LICENSE & TRAINING	66,400	78,600	12,200
52224	OPR-TRAVEL & MEETINGS	51,600	52,900	1,300
	Total Professional Services and Fees	1,094,861	1,010,239	(84,622)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	28,500	28,000	(500)
52302	OPR-COMPUTER & SOFTWARE EXPENSE	232,900	268,050	35,150
52304	OPR-COPY SUPPLIES AND SERVICES	25,000	18,200	(6,800)
52305	OPR-POSTAGE AND FREIGHT EXPENSE	8,640	9,800	1,160
52306	OPR-COMMUNICATIONS	48,400	47,900	(500)
52322	OPR-MEDIA EXPENSE	5,000	2,500	(2,500)
52323	OPR-EMPLOYEE RELATIONS	20,000	50,000	30,000
52330	OPR-OUTSOURCED PRINTING EXPENSE	28,500	26,500	(2,000)
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	21,560	22,560	1,000
	Total Office Expenses	418,500	473,510	55,010
	Other Operating Expenses			
52401	OPR-DIRECTORS EXPENSES	25,000	15,000	(10,000)
52403	OPR-OFFICE/BUILDING RENTAL	115,508	115,508	-
52420	OPR-INSURANCE EXPENSE	43,659	55,139	11,480
52430	OPR-MISC EXPENSE	15,000	10,000	(5,000)
	Total Other Operating Expenses	199,167	195,647	(3,520)
	SUBTOTAL OF OPERATIONAL EXPENSES	4,636,367	5,108,450	472,083
	Structures			
53201	M&R-BUILDING	95,000	95,000	-
	Total Structures	95,000	95,000	-
	Other Maintenance & Repairs			
53310	M&R-GROUNDS/ROW	140,000	57,000	(83,000)


		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
53399	M&R-MISC EXPENSE	10	1,000	990
	Total Other Maintenance & Repairs	140,010	58,000	(82,010)
	SUBTOTAL OF M&R EXPENSES	235,010	153,000	(82,010)
	Capital Outlay			
13218	OFFICE FURNITURE & EQUIP	-	32,000	32,000
	Total Capital Outlay	-	32,000	32,000
	TOTAL OPERATING AND M&R EXPENSES	4,871,377	5,293,450	422,073
	Net Operating Income	(699,986)	(700,000)	(14)
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	14	-	(14)

General Division - Capital Outlay Expense

Description	FY 2022
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Capital Outlay Funded From Current Revenues

Firewall for DR Site	\$	12,000
UPS Upgrade for Server Room	\$	20,000
Total General Division Capital Outlay Expense		\$ 32,000



H4 Dam, Suspension
Bridge and Spillhouse

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).

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.
Provide electrical, steel fabrication, equipment repair and technical support services to other divisions.
Offer a variety of public service programs including a controlled canal environment for EMS dive and rescue training.

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- | | |
|---|---|
| <ul style="list-style-type: none">• Service Provided: Hydroelectric Generation• Location: Guadalupe/Gonzales Counties• Startup Operation Date: 1928-1932• Customer: Guadalupe Valley Electric Coop• Plant Capacity: 16 MW | <ul style="list-style-type: none">• Average Kwh Produced: 23,197,304• # of Current Employees: 16• Budgeted Revenue: \$1,434,408 |
|---|---|

Guadalupe Valley Hydroelectric Division

Operating Plan for Fiscal Year Ending 8/31/22

BACKGROUND

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

The Guadalupe Valley Hydroelectric Division is managed by a Division Manager. There are currently 16 employees assigned to the operation of the hydroelectric system and are subdivided into work groups consisting of the maintenance team and control room operators. Their common 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.

REVENUE SOURCES AND TRENDS

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

Currently, the income from power generation for the GVHD consists of two parts, a monthly fixed charge of \$83,333.33 and an energy charge of \$0.0314 per kilowatt-hour (kWh) of electricity generated. The two-part rate structure provides some revenue to offset costs during low flow periods. The Division's budgeted power sales revenue is \$1,434,408 for FY 2022. While the historical annual generation for the system is 62,225,000 kWh, due to the inability to generate electricity at Lake Wood and Lake Dunlap, estimated production for FY 22 is 23,197,304 kWh. The aggregate rate, including the fixed charge and assuming river flow conditions yield the budgeted kWh, will be 7.45¢ per kWh.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Significant expenses include personnel costs of \$1,328,673, power & utilities of \$30,000, vehicle expenses including fuel and repairs of \$55,000, engineering services of \$80,000, TCEQ regulatory fees of \$88,300, insurance expense of \$160,909, and maintenance and repairs of \$633,000.

Expenses included in the maintenance and repairs are turbine inspections to ensure maximum performance and continued reliability as well as inspections of transmission lines, circuit breakers, transformers, protective relays, and generators. An outside contractor is anticipated to be engaged for the inspection of the aging utility poles within the transmission system to identify and replace poles that are deemed unsafe.

Total expenses are projected to be \$2,880,905.

FUND BALANCE

Hydroelectric power sales are insufficient to cover expenses of the operation. The budgeted deficit is projected to be (\$1,446,497).



Staffing Summary

GV Hydroelectric	# of Authorized Positions (FTE)		
	2020	2021	2022
Deputy Division Manager - Hydroelectric Operations	1	1	1
Maintenance Supervisor	1	1	1
Purchasing & Inventory Coordinator	1	1	1
Control Room Operator	4	4	4
Heavy Equipment Operator	1	1	1
Maintenance Crew	9	9	8
Total	17	17	16

Changes from FY 2020 to FY 2021

No staffing changes for this division.

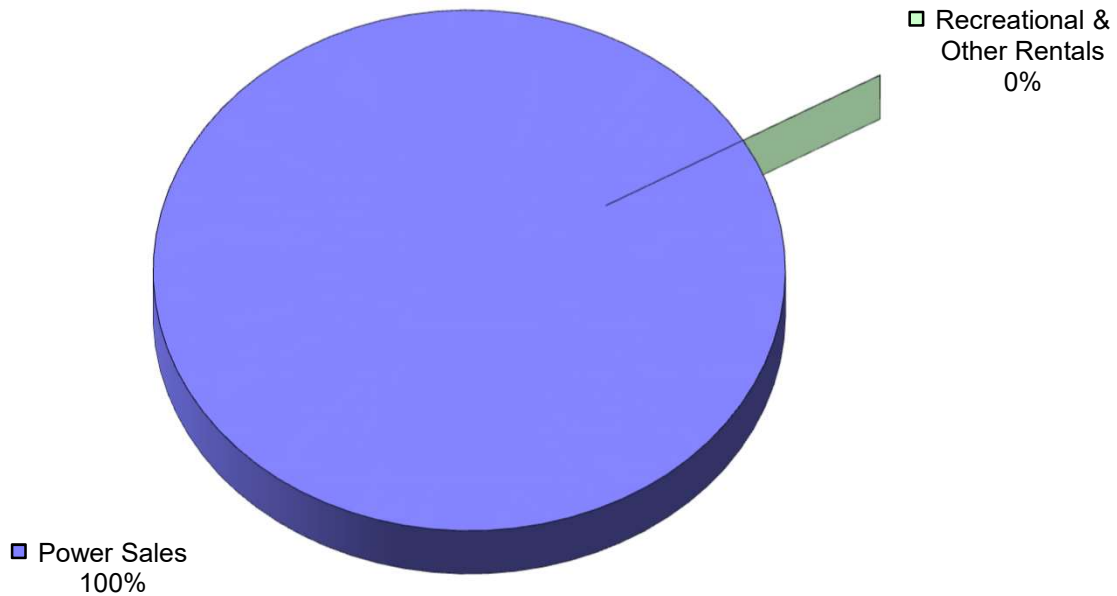
Changes from FY 2021 to FY 2022

1-Maintenance Crew position was removed from this division.



Budget Summary

REVENUES - GUADALUPE VALLEY HYDROELECTRIC

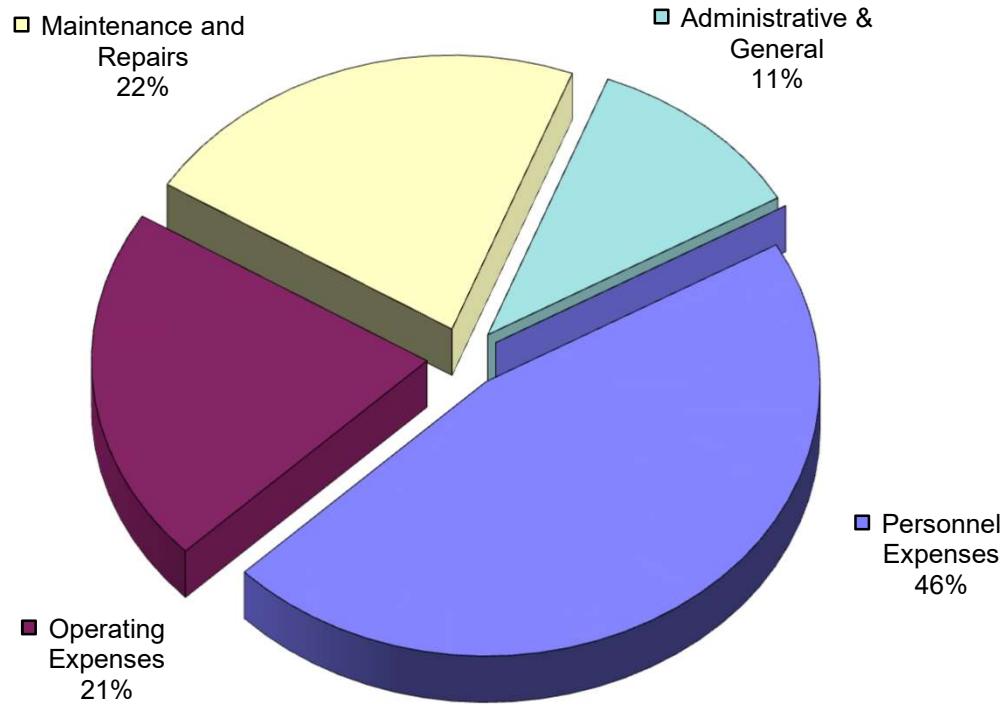


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales	1,770,302	1,873,674	1,434,408
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals	10,771	1,400	
Administrative & General			
Operating Interest	56,017		
Grant & Interlocal Agreement Income			
Miscellaneous Income	2,028		
Total Operating Revenue	1,839,118	1,875,074	1,434,408
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	1,839,118	1,875,074	1,434,408



Budget Summary

EXPENSES - GUADALUPE VALLEY HYDROELECTRIC



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	1,433,639	1,442,675	1,328,673
Operating Expenses	866,094	542,989	607,159
Maintenance and Repairs	276,635	616,000	633,000
Administrative & General	337,053	338,849	312,073
Capital Expense & Outlay	14,883		
Transfers			
Total Operating and M&R Expenses	2,928,304	2,940,513	2,880,905
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	2,928,304	2,940,513	2,880,905

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**021 - Guadalupe Valley Hydroelectric
Department ***

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Hydroelectric				
42701	ENERGY CHARGE	873,674	726,075	(147,599)
42702	FACILITY CHARGE	1,000,000	708,333	(291,667)
	Total Hydroelectric	1,873,674	1,434,408	(439,266)
Recreation & Other Rentals				
42922	REV-AG & LAND USE	1,400	-	(1,400)
	Total Recreation & Other Rentals	1,400	-	(1,400)
	Total Operating Revenue	1,875,074	1,434,408	(440,666)
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	945,389	862,539	(82,850)
51102	LBR-OVERTIME	81,426	83,136	1,710
	Total Salaries	1,026,815	945,675	(81,140)
Benefits				
51298	BEN-BENEFIT ALLOCATION	415,860	382,998	(32,862)
	Total Benefits	415,860	382,998	(32,862)
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	30,000	30,000	-
52102	OPR-AUXILIARY POWER EXPENSE	3,000	3,000	-
52110	OPR-SMALL TOOLS AND SUPPLIES	20,000	20,000	-
52120	OPR-UNIFORMS	14,000	14,000	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	25,000	25,000	-
52124	OPR-EQUIPMENT EXPENSE	20,000	-	(20,000)
52125	OPR-VEHICLE EXPENSE	55,000	55,000	-
52126	OPR-FLEET LEASE EXPENSE	9,600	47,600	38,000
52133	OPR-SCADA	15,000	5,500	(9,500)
52135	OPR-PROCESS/SPECIAL OPERATING	13,000	-	(13,000)

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
Total Operating Supplies & Services	204,600	200,100	(4,500)
Professional Services and Fees			
52201 OPR-PROFESSIONAL SERVICES-ENGINEERING	55,000	80,000	25,000
52202 OPR-PROFESSIONAL SERVICES-LEGAL	5,000	-	(5,000)
52205 OPR-PROFESSIONAL SERVICES-OTHER	5,000	-	(5,000)
52216 OPR-REGULATORY FEES	26,200	88,300	62,100
52222 OPR-MEMBERSHIPS & PUBLICATIONS	1,000	1,000	-
52223 OPR-LICENSE & TRAINING	10,000	5,000	(5,000)
52224 OPR-TRAVEL & MEETINGS	3,000	3,000	-
Total Professional Services and Fees	105,200	177,300	72,100
Office Expenses			
52301 OPR-OFFICE SUPPLIES	2,000	2,500	500
52302 OPR-COMPUTER & SOFTWARE EXPENSE	12,000	14,950	2,950
52303 OPR-WIDE AREA NETWORK EXPENSE	-	3,000	3,000
52305 OPR-POSTAGE AND FREIGHT EXPENSE	200	200	-
52306 OPR-COMMUNICATIONS	12,000	12,000	-
52331 OPR-JANITORIAL SUPPLIES AND SERVICE	5,000	5,000	-
Total Office Expenses	31,200	37,650	6,450
Other Operating Expenses			
52403 OPR-OFFICE/BUILDING RENTAL	16,200	16,200	-
52420 OPR-INSURANCE EXPENSE	160,789	160,909	120
52430 OPR-MISC EXPENSE	25,000	15,000	(10,000)
Total Other Operating Expenses	201,989	192,109	(9,880)
SUBTOTAL OF OPERATIONAL EXPENSES	1,985,664	1,935,832	(49,832)
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	6,000	6,000	-
53120 M&R-BOATS	3,000	5,000	2,000
Total Maintenance and Repair Equipment	9,000	11,000	2,000
Structures			
53201 M&R-BUILDING	12,000	12,000	-
53235 M&R-TRANSMISSION LINES	350,000	350,000	-
53245 M&R-POWERHOUSE	130,000	130,000	-
Total Structures	492,000	492,000	-
Other Maintenance & Repairs			
53310 M&R-GROUNDS/ROW	80,000	80,000	-
53325 M&R-GENERAL MAINTENANCE	20,000	40,000	20,000
53399 M&R-MISC EXPENSE	15,000	10,000	(5,000)
Total Other Maintenance & Repairs	115,000	130,000	15,000

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
SUBTOTAL OF M&R EXPENSES	<u>616,000</u>	<u>633,000</u>	<u>17,000</u>
Administrative & General			
54100 ADMINISTRATIVE & GENERAL	<u>338,849</u>	<u>312,073</u>	<u>(26,776)</u>
Total Administrative & General	<u>338,849</u>	<u>312,073</u>	<u>(26,776)</u>
TOTAL OPERATING AND M&R EXPENSES	<u>2,940,513</u>	<u>2,880,905</u>	<u>(59,608)</u>
Net Operating Income	<u>(1,065,439)</u>	<u>(1,446,497)</u>	<u>(381,058)</u>
Net Change in Fund Balance	<u>(1,065,439)</u>	<u>(1,446,497)</u>	<u>(381,058)</u>



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 6 employees who also operate wastewater treatment plants in the City of Buda and the Sunfield Municipal Utility District.

-
- | | |
|--|---|
| • Service Provided: Wastewater treatment | • Startup Operation Date: January 1, 2006 |
| • Service Area: Hays County | • # of Current Employees: 6 |
| • # of Gallons Treated: 108,000,000 | • Budgeted Revenue: \$1,103,688 |

Rural Utilities Division

Shadow Creek Wastewater Reclamation Facility System

Operating Plan for Fiscal Year Ending 8/31/22

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

REVENUE SOURCES AND TRENDS

The following Work Plan and Budget for the Shadow Creek System is based on the treatment of an estimated sewage flow of 108 million gallons per year or 0.30 million gallons per day. The budgeted FY 2022 revenue for the Shadow Creek System is \$1,103,688.

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 2022 amounts to \$948,998.

Significant operating and maintenance expenses are power costs of \$102,000, biosolids disposal of \$57,000, laboratory testing and supplies and expenses of \$28,800, and customer billing fees of 33,000 to be paid to Goforth Special Utility District for collection of monthly sewer bills from customers.

With the exception of property insurance, GBRA is responsible for insurance and risk management and this budget has accordingly included \$5,961 for insurance. The budget also includes the standard administration and general cost percentage charged to all operating divisions of GBRA.

The capital addition of \$121,667 is budgeted for a vacuum/jetter truck to operate in the collection system.

FUND BALANCE

Funds for the above listed maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided from revenues from the customers of the system. The net change in the fund balance that GBRA anticipates in the Shadow Creek System is \$154,690.



Staffing Summary

Shadow Creek/Sunfield WWTPs	# of Authorized Positions (FTE)		
	2020	2021	2022
Hays Wastewater Manager	1	1	1
Operator	3	4	5
Total	4	5	6

Changes from FY 2020 to FY 2021

1-Operator position was added.

Changes from FY 2021 to FY 2022

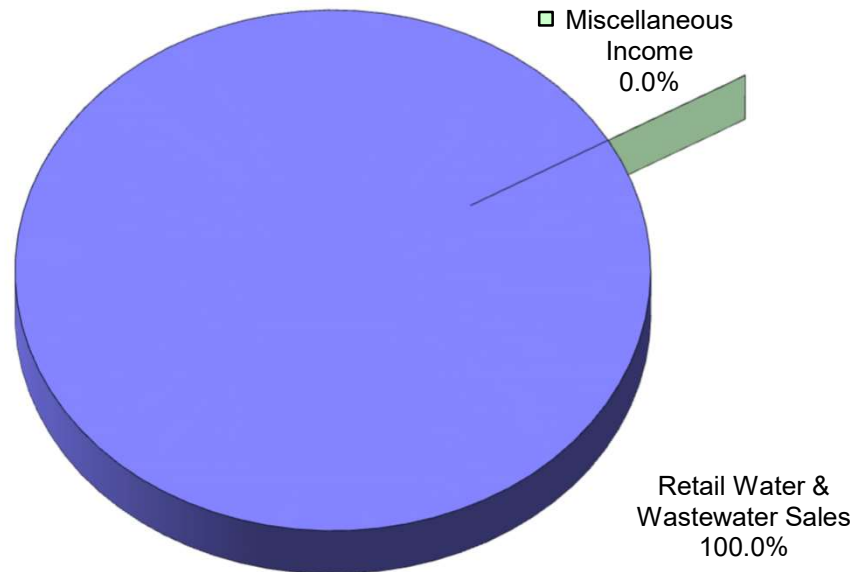
1-Operator position was added for this division.

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



Budget Summary

REVENUES - SHADOW CREEK WWTP

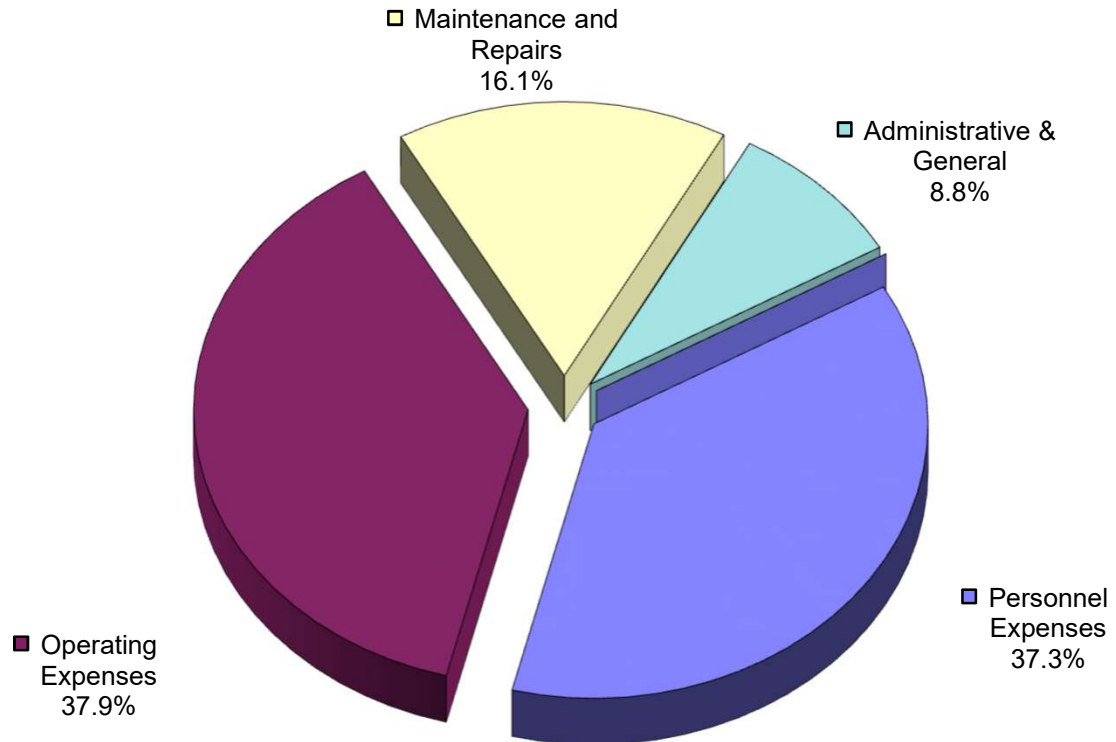


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	808,009	776,688	1,103,688
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	441		
Total Operating Revenue	808,450	776,688	1,103,688
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	808,450	776,688	1,103,688



Budget Summary

EXPENSES - SHADOW CREEK WWTP



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	334,316	293,517	308,333
Operating Expenses	263,886	253,669	313,778
Maintenance and Repairs	133,308	95,200	132,800
Administrative & General	76,940	68,940	72,420
Capital Expense & Outlay			121,667
Transfers			
Total Operating and M&R Expenses	808,450	711,326	948,998
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	808,450	711,326	948,998

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**030 - Shadow Creek WWTP
Department ***

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Retail Wastewater			
42401 WASTEWATER SERVICES	771,888	889,488	117,600
42402 SEWER CONNECTION/INSP FEES	4,800	207,000	202,200
42405 TRANSFER FEES	-	7,200	7,200
Total Retail Wastewater	776,688	1,103,688	327,000
Total Operating Revenue	776,688	1,103,688	327,000
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	197,282	209,602	12,320
51102 LBR-OVERTIME	11,627	9,852	(1,775)
Total Salaries	208,909	219,454	10,545
Benefits			
51298 BEN-BENEFIT ALLOCATION	84,608	88,879	4,271
Total Benefits	84,608	88,879	4,271
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	72,000	102,000	30,000
52102 OPR-AUXILIARY POWER EXPENSE	5,000	8,000	3,000
52103 OPR-CHEMICALS	22,500	24,100	1,600
52110 OPR-SMALL TOOLS AND SUPPLIES	1,000	1,000	-
52113 OPR-LAB SUPPLIES	4,500	4,500	-
52114 OPR-LABORATORY SERVICES-GBRA	20,500	23,000	2,500
52115 OPR-LABORATORY SERVICES-OUTSOURCED	1,300	1,300	-
52118 OPR-DISPOSAL SERVICES	46,000	57,000	11,000
52120 OPR-UNIFORMS	2,900	2,600	(300)
52121 OPR-SAFETY & EMERGENCY EXPENSE	2,000	3,000	1,000
52123 OPR-EQUIPMENT RENTAL	21,318	10,117	(11,201)
52124 OPR-EQUIPMENT EXPENSE	1,000	1,000	-
52125 OPR-VEHICLE EXPENSE	5,000	5,000	-

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52126	OPR-FLEET LEASE EXPENSE	6,000	6,000	-
52133	OPR-SCADA	4,300	1,500	(2,800)
	Total Operating Supplies & Services	215,318	250,117	34,799
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	3,000	3,000	-
52217	OPR-INSPECTION FEES	1,300	1,300	-
52219	OPR-CUSTOMER BILLING FEES	15,000	33,000	18,000
52222	OPR-MEMBERSHIPS & PUBLICATIONS	400	400	-
52223	OPR-LICENSE & TRAINING	2,600	2,100	(500)
52224	OPR-TRAVEL & MEETINGS	2,000	6,000	4,000
	Total Professional Services and Fees	24,300	45,800	21,500
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	500	600	100
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,100	2,400	1,300
52303	OPR-WIDE AREA NETWORK EXPENSE	-	3,000	3,000
52306	OPR-COMMUNICATIONS	4,500	5,000	500
	Total Office Expenses	6,100	11,000	4,900
	Other Operating Expenses			
52403	OPR-OFFICE/BUILDING RENTAL	900	900	-
52420	OPR-INSURANCE EXPENSE	6,751	5,961	(790)
52430	OPR-MISC EXPENSE	300	-	(300)
	Total Other Operating Expenses	7,951	6,861	(1,090)
	SUBTOTAL OF OPERATIONAL EXPENSES	547,186	622,111	74,925
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	5,000	5,000	-
53110	M&R-CONTROL SYSTEMS	8,000	8,000	-
53115	M&R-METERS	900	5,000	4,100
	Total Maintenance and Repair Equipment	13,900	18,000	4,100
	Structures			
53201	M&R-BUILDING	2,000	2,000	-
53205	M&R-PUMPS AND MOTORS	15,000	15,000	-
53210	M&R-GATES AND VALVES	6,000	6,000	-
53215	M&R-LIFTSTATIONS	12,000	15,000	3,000
53220	M&R-CLARIFIERS	800	800	-
53238	M&R-FILTERS	5,500	6,000	500
	Total Structures	41,300	44,800	3,500
	Other Maintenance & Repairs			
53310	M&R-GROUNDS/ROW	19,500	35,000	15,500

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
53325	M&R-GENERAL MAINTENANCE	20,500	35,000	14,500
	Total Other Maintenance & Repairs	40,000	70,000	30,000
	SUBTOTAL OF M&R EXPENSES	95,200	132,800	37,600
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	68,940	72,420	3,480
	Total Administrative & General	68,940	72,420	3,480
	Capital Outlay			
13217	AUTO & HEAVY EQUIPMENT	-	121,667	121,667
	Total Capital Outlay	-	121,667	121,667
	TOTAL OPERATING AND M&R EXPENSES	711,326	948,998	237,672
	Net Operating Income	65,362	154,690	89,328
	Net Change in Fund Balance	65,362	154,690	89,328

Shadow Creek WWTP - Capital Outlay Expense

Description	FY 2022
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Capital Outlay Funded From Current Revenues

Vac/Jetter Truck	\$	121,667
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Total Shadow Creek WWTP Capital Outlay Expense	\$	121,667
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Canyon Park WWT

Canyon Park Estates Waste Water Treatment Plant

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

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

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- | | |
|--|-----------------------------------|
| • Service Provided: Wastewater treatment | • Service Area: Comal County |
| • Location: Canyon Lake, Texas | • Permitted Capacity: 180,000 GPD |
| • Startup Date: September 24, 1974 | • Budgeted Revenue: \$469,090 |

Rural Utilities Division

Canyon Park Wastewater Treatment Plant System

Operating Plan for Fiscal Year Ending 8/31/22

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.

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 \$469,090 for FY 22 which is \$26,782 or 6.1% more than FY 21.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The following Work Plan and Budget describes the operations and maintenance to be performed during FY 22 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.

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

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

Significant expenses include personnel costs of \$192,519, power & utilities of \$22,000, chemicals of \$18,000, laboratory supplies and services of \$24,000, interdivisional and external equipment rentals of \$16,481 including belt press, hydro jetter camera, and vehicle leases. Maintenance & repair costs of \$92,738 including continuation of the rehabilitation of the clarifier and the purchase of a second sludge transfer pump.

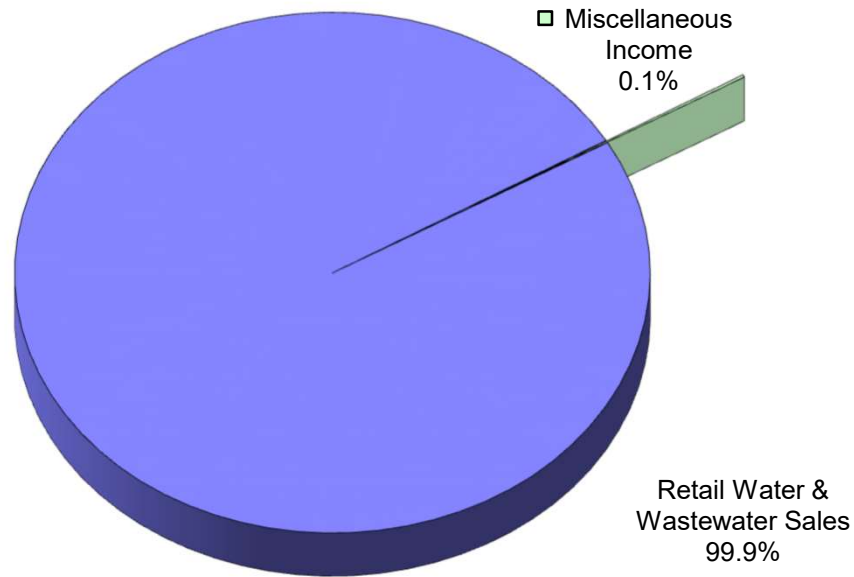
FUND BALANCE

Funds for the above listed capital additions and maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided from revenues from customer billings. The fund balance for the Canyon Park Estates System is \$0.



Budget Summary

REVENUES - CANYON PARK WWTP

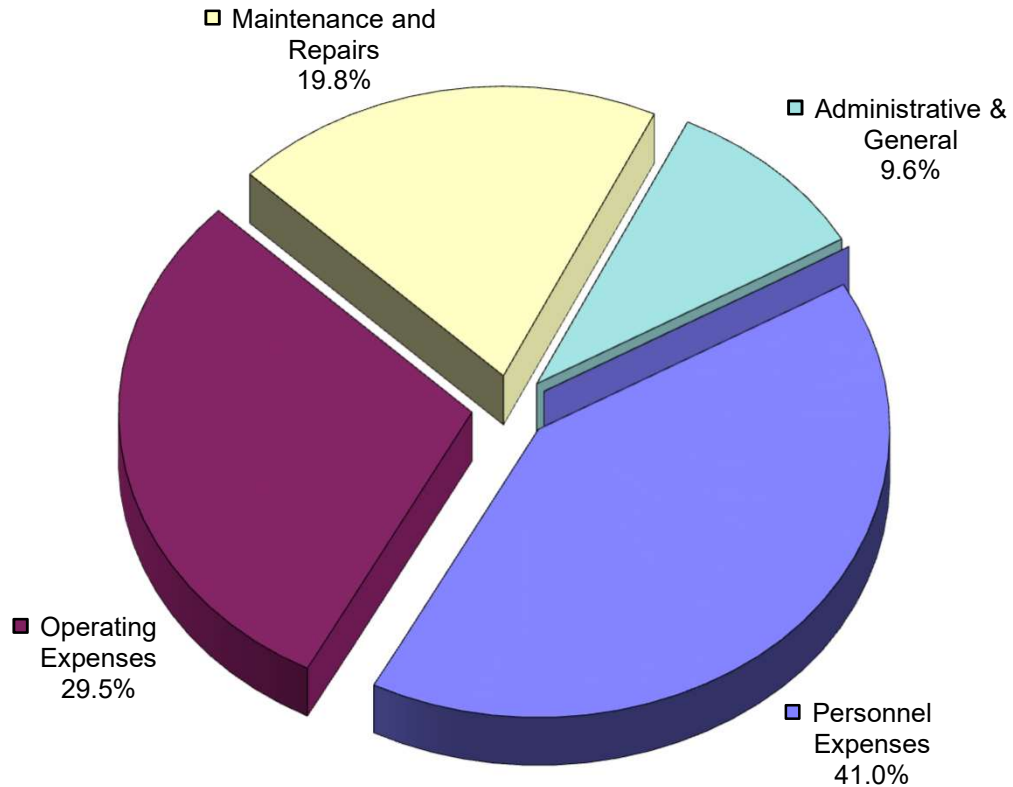


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	477,754	442,308	468,390
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	445		700
Total Operating Revenue	478,199	442,308	469,090
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	478,199	442,308	469,090



Budget Summary

EXPENSES - CANYON PARK WWTP



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	179,502	158,465	192,519
Operating Expenses	126,661	135,123	138,615
Maintenance and Repairs	67,280	111,500	92,738
Administrative & General	43,059	37,220	45,218
Capital Expense & Outlay			117,775
Transfers			(117,775)
Total Operating and M&R Expenses	416,502	442,308	469,090
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	416,502	442,308	469,090

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**032 - Canyon Park WWTP
Department ***

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	442,308	468,390	26,082
	Total Retail Wastewater	442,308	468,390	26,082
Misc Income				
45195	MISCELLANEOUS REVENUES	-	700	700
	Total Misc Income	-	700	700
	Total Operating Revenue	442,308	469,090	26,782
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	93,614	113,453	19,839
51102	LBR-OVERTIME	19,172	23,571	4,399
	Total Salaries	112,786	137,024	24,238
Benefits				
51298	BEN-BENEFIT ALLOCATION	45,679	55,495	9,816
	Total Benefits	45,679	55,495	9,816
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	22,000	22,000	-
52102	OPR-AUXILIARY POWER EXPENSE	7,500	10,000	2,500
52103	OPR-CHEMICALS	18,000	18,000	-
52110	OPR-SMALL TOOLS AND SUPPLIES	1,000	2,000	1,000
52113	OPR-LAB SUPPLIES	4,000	4,000	-
52114	OPR-LABORATORY SERVICES-GBRA	18,000	20,000	2,000
52118	OPR-DISPOSAL SERVICES	10,000	9,000	(1,000)
52120	OPR-UNIFORMS	1,000	1,000	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	1,500	1,500	-
52123	OPR-EQUIPMENT RENTAL	4,284	4,286	2
52125	OPR-VEHICLE EXPENSE	5,000	2,000	(3,000)

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52126	OPR-FLEET LEASE EXPENSE	11,105	12,195	1,090
52133	OPR-SCADA	4,300	1,500	(2,800)
	Total Operating Supplies & Services	107,689	107,481	(208)
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	1,500	1,500	-
52217	OPR-INSPECTION FEES	1,500	1,500	-
52220	OPR-BANK FEES	1,000	1,100	100
52222	OPR-MEMBERSHIPS & PUBLICATIONS	400	400	-
52223	OPR-LICENSE & TRAINING	2,000	2,000	-
52224	OPR-TRAVEL & MEETINGS	1,000	4,000	3,000
	Total Professional Services and Fees	7,400	10,500	3,100
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	500	500	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,800	1,500	(300)
52303	OPR-WIDE AREA NETWORK EXPENSE	-	3,000	3,000
52305	OPR-POSTAGE AND FREIGHT EXPENSE	300	300	-
52306	OPR-COMMUNICATIONS	3,000	3,000	-
	Total Office Expenses	5,600	8,300	2,700
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	11,934	10,334	(1,600)
52430	OPR-MISC EXPENSE	2,500	2,000	(500)
	Total Other Operating Expenses	14,434	12,334	(2,100)
	SUBTOTAL OF OPERATIONAL EXPENSES	293,588	331,134	37,546
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	5,000	5,000	-
	Total Maintenance and Repair Equipment	5,000	5,000	-
	Structures			
53201	M&R-BUILDING	3,000	3,000	-
53205	M&R-PUMPS AND MOTORS	35,000	31,238	(3,762)
53210	M&R-GATES AND VALVES	2,000	-	(2,000)
53215	M&R-LIFTSTATIONS	5,000	7,000	2,000
53220	M&R-CLARIFIERS	30,000	20,000	(10,000)
	Total Structures	75,000	61,238	(13,762)
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	30,000	25,000	(5,000)
53399	M&R-MISC EXPENSE	1,500	1,500	-
	Total Other Maintenance & Repairs	31,500	26,500	(5,000)

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
	SUBTOTAL OF M&R EXPENSES	<u>111,500</u>	<u>92,738</u>	<u>(18,762)</u>
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	<u>37,220</u>	<u>45,218</u>	<u>7,998</u>
	Total Administrative & General	<u>37,220</u>	<u>45,218</u>	<u>7,998</u>
	Capital Outlay			
13211	ELECTRICAL/CONTROL EQUIPMENT	<u>-</u>	<u>117,775</u>	<u>117,775</u>
	Total Capital Outlay	<u>-</u>	<u>117,775</u>	<u>117,775</u>
	Transfers			
61515	TRANSFERS-RESERVE FUND	<u>-</u>	<u>(117,775)</u>	<u>(117,775)</u>
	Total Transfers	<u>-</u>	<u>(117,775)</u>	<u>(117,775)</u>
	TOTAL OPERATING AND M&R EXPENSES	<u>442,308</u>	<u>469,090</u>	<u>26,782</u>
	Net Operating Income	<u>-</u>	<u>-</u>	<u>-</u>
	Net Change in Fund Balance	<u>-</u>	<u>-</u>	<u>-</u>

Canyon Park WWTP - Capital Outlay Expense

Description	FY 2022
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Capital Outlay Funded From Current Revenues

Replacement Generator at WWTP site	\$	117,775
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Total Canyon Park WWTP Capital Outlay Expense	\$	117,775
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Stein Falls WWTP

Stein Falls Waste Water Treatment Plant

The Stein Falls Wastewater Reclamation System serves the River Bend, Lakeview Heights, Southbank, Oasis, Long Creek, The Bandit, Legends Pond, The Silos, Ridgemont, White Wing, Fellers, and Samuels Court 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: 3,122,816 |
-

Rural Utilities Division

Stein Falls Wastewater Treatment Plant System

Operating Plan for Fiscal Year Ending 8/31/22

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

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 \$1,970,374, total connection fee income is \$1,147,942, and transfer fee income is \$4,500 for a total of \$3,122,816 in FY 22.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The following Work Plan and Budget describes the operations and maintenance to be performed during FY 22 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.

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

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

Significant expenses include personnel costs of \$763,450, power & utilities of \$70,000, chemical costs of \$20,000, interdivisional equipment rentals of \$75,704 including belt press, hydro jetter camera, and vehicle leases, engineering services of \$50,000 and maintenance & repairs of \$173,500.

Total expenses are projected to increase by \$18,102 or 1.4 % in FY 22.

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 22 budgeted expenditures and receiving the above listed funding sources is \$692,237.



Stein Falls WWTPs	# of Authorized Positions (FTE)		
	2020	2021	2022
Chief Operator	1	1	1
Operator	5	5	4
Total	6	6	5

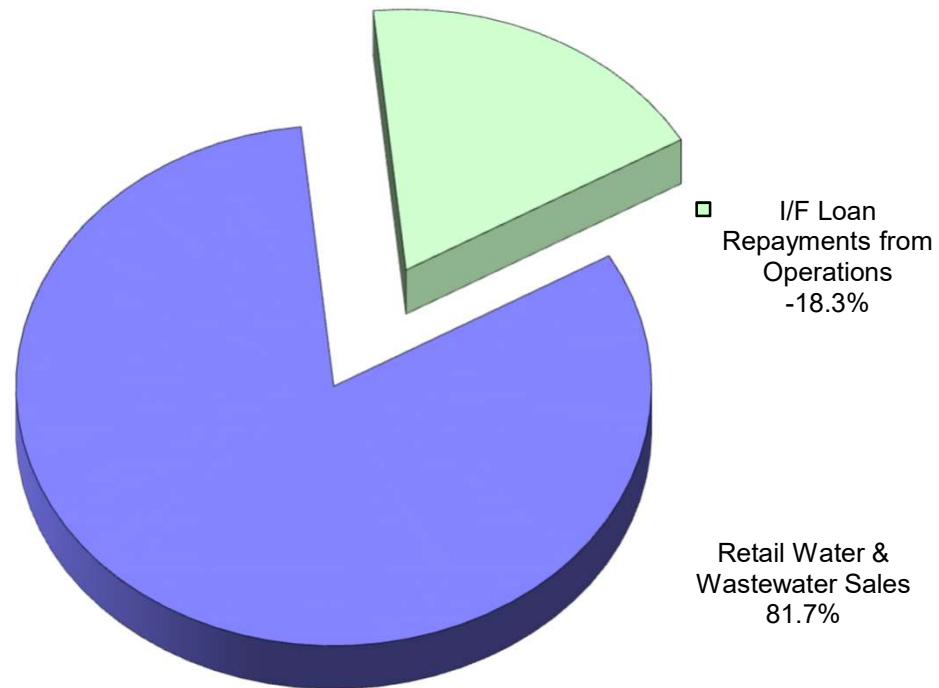
1-Reclassified Operator position for Canyon Park to Western Canyon Division.

Changes from FY 2021 to FY 2022



Budget Summary

REVENUES - STEIN FALLS WWTP

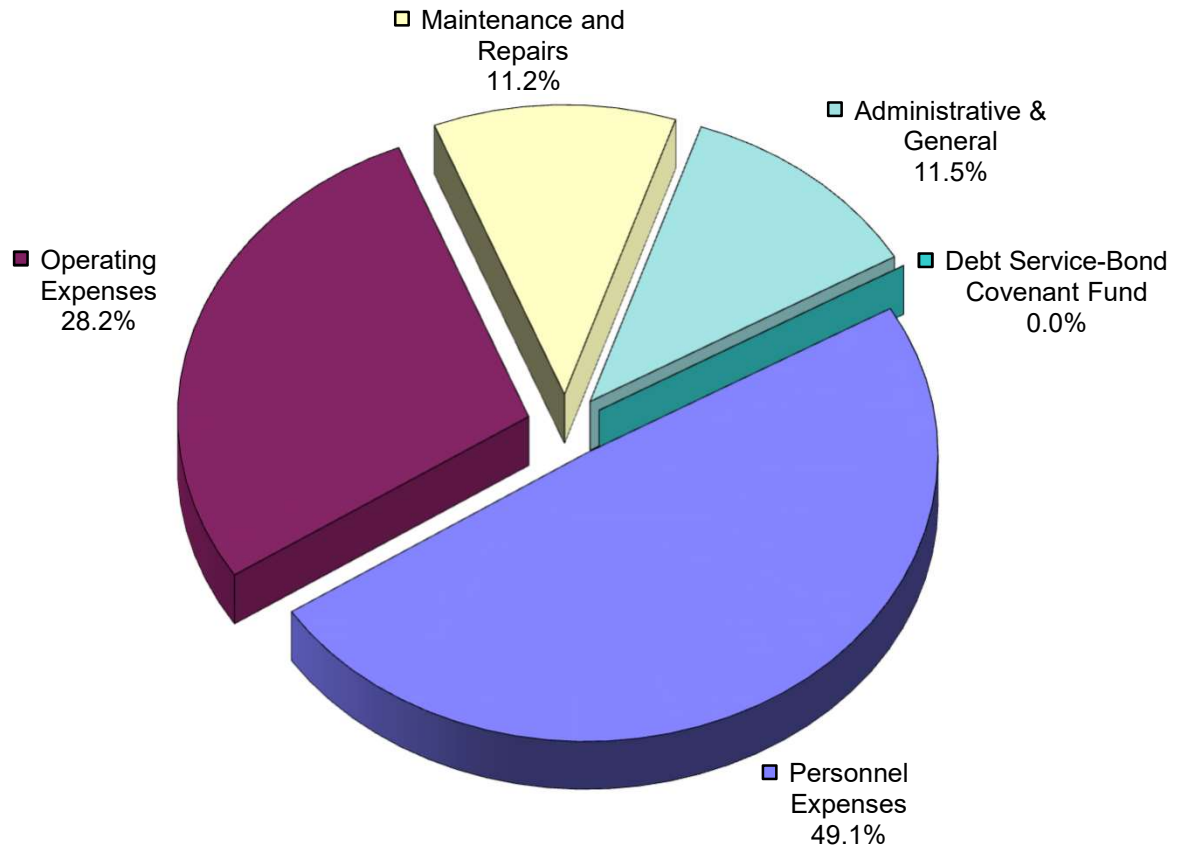


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	2,743,614	2,864,400	3,122,816
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest	2,358		
Grant & Interlocal Agreement Income			
Miscellaneous Income	33,341		
Total Operating Revenue	2,779,313	2,864,400	3,122,816
Capacity Charge Revenue			
I/F Loan Repayments from Operations		(700,000)	(700,000)
Grand Total Revenues	2,779,313	2,164,400	2,422,816



Budget Summary

EXPENSES - STEIN FALLS WWTP



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	680,970	812,014	763,450
Operating Expenses	362,879	359,461	437,533
Maintenance and Repairs	509,238	173,500	173,500
Administrative & General	159,201	190,722	179,316
Capital Expense & Outlay	90,476		
Transfers			
Total Operating and M&R Expenses	1,802,764	1,535,697	1,553,799
Debt Service-Principal	124,836	124,384	120,000
Debt Service-Interest	65,461	62,813	56,780
Debt Service-Bond Covenant Fund			
Grand Total Expenses	1,993,061	1,722,894	1,730,579

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**033 - Stein Falls WWTP
Department ***

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	1,506,600	1,970,374	463,774
42402	SEWER CONNECTION/INSP FEES	1,357,800	1,147,942	(209,858)
42405	TRANSFER FEES	-	4,500	4,500
	Total Retail Wastewater	2,864,400	3,122,816	258,416
	Total Operating Revenue	2,864,400	3,122,816	258,416
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	548,196	480,286	(67,910)
51102	LBR-OVERTIME	29,750	63,095	33,345
	Total Salaries	577,946	543,381	(34,565)
Benefits				
51298	BEN-BENEFIT ALLOCATION	234,068	220,069	(13,999)
	Total Benefits	234,068	220,069	(13,999)
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	70,000	70,000	-
52102	OPR-AUXILIARY POWER EXPENSE	15,000	15,000	-
52103	OPR-CHEMICALS	20,000	20,000	-
52110	OPR-SMALL TOOLS AND SUPPLIES	2,000	10,000	8,000
52113	OPR-LAB SUPPLIES	11,000	30,000	19,000
52114	OPR-LABORATORY SERVICES-GBRA	15,000	22,000	7,000
52118	OPR-DISPOSAL SERVICES	9,000	10,000	1,000
52120	OPR-UNIFORMS	2,500	4,000	1,500
52121	OPR-SAFTY & EMERGENCY EXPENSE	5,000	8,000	3,000
52122	OPR-SECURITY EXPENSE	-	1,000	1,000
52123	OPR-EQUIPMENT RENTAL	53,868	52,724	(1,144)
52124	OPR-EQUIPMENT EXPENSE	1,500	2,000	500
52125	OPR-VEHICLE EXPENSE	9,000	15,000	6,000

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52126	OPR-FLEET LEASE EXPENSE	19,200	22,980	3,780
52133	OPR-SCADA	4,300	3,500	(800)
	Total Operating Supplies & Services	237,368	286,204	48,836
	Professional Services and Fees			
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	50,000	50,000	-
52205	OPR-PROFESSIONAL SERVICES-OTHER	5,200	5,400	200
52217	OPR-INSPECTION FEES	10,000	10,000	-
52219	OPR-CUSTOMER BILLING FEES	21,000	27,000	6,000
52222	OPR-MEMBERSHIPS & PUBLICATIONS	400	500	100
52223	OPR-LICENSE & TRAINING	3,000	4,500	1,500
52224	OPR-TRAVEL & MEETINGS	1,000	12,000	11,000
	Total Professional Services and Fees	90,600	109,400	18,800
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	750	1,000	250
52302	OPR-COMPUTER & SOFTWARE EXPENSE	3,700	5,050	1,350
52303	OPR-WIDE AREA NETWORK EXPENSE	-	3,000	3,000
52305	OPR-POSTAGE AND FREIGHT EXPENSE	150	200	50
52306	OPR-COMMUNICATIONS	2,300	5,000	2,700
	Total Office Expenses	6,900	14,250	7,350
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	20,593	17,679	(2,914)
52430	OPR-MISC EXPENSE	4,000	10,000	6,000
	Total Other Operating Expenses	24,593	27,679	3,086
	SUBTOTAL OF OPERATIONAL EXPENSES	1,171,475	1,200,983	29,508
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	10,000	10,000	-
53110	M&R-CONTROL SYSTEMS	3,500	3,500	-
	Total Maintenance and Repair Equipment	13,500	13,500	-
	Structures			
53201	M&R-BUILDING	2,000	2,000	-
53205	M&R-PUMPS AND MOTORS	10,000	10,000	-
53210	M&R-GATES AND VALVES	4,000	4,000	-
53215	M&R-LIFTSTATIONS	40,000	40,000	-
53220	M&R-CLARIFIERS	4,000	4,000	-
	Total Structures	60,000	60,000	-
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	90,000	90,000	-
53399	M&R-MISC EXPENSE	10,000	10,000	-

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
	Total Other Maintenance & Repairs	100,000	100,000	-
	SUBTOTAL OF M&R EXPENSES	173,500	173,500	-
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	190,722	179,316	(11,406)
	Total Administrative & General	190,722	179,316	(11,406)
	TOTAL OPERATING AND M&R EXPENSES	1,535,697	1,553,799	18,102
	Net Operating Income	1,328,703	1,569,017	240,314

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	115,000	120,000	5,000
21109	LOAN-2016 GENERATOR, WFargo	9,384	-	(9,384)
	Total Principal Payments Expense	124,384	120,000	(4,384)
	Interest Expense			
57101	INT-LONG TERM LOANS	60,708	56,780	(3,928)
57209	INT-2014 STEIN FALLS, Generator	2,105	-	(2,105)
	Total Interest Expense	62,813	56,780	(6,033)
	Total Debt Expense	187,197	176,780	(10,417)
	Net Change in Debt Service Budget	(887,197)	(876,780)	10,417
	Net Change in Fund Balance	441,506	692,237	250,731



Sunfield WWTTP

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: 160,000,000
 - Startup Operation Date: October 23, 2009
 - Budgeted Revenue: \$2,091,269

Rural Utilities Division

Sunfield Wastewater Treatment Plant System

Operating Plan for Fiscal Year Ending 8/31/22

BACKGROUND

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

REVENUE SOURCES AND TRENDS

Revenues are obtained through connection and service fees from customers of the Sunfield Wastewater Treatment Plant. The budgeted revenue for the Sunfield System is \$2,091,269. The following Work Plan and Budget is based on the treatment of an average sewage flow of 135 million gallons per year or 0.370 million gallons per day for Fiscal Year 2022.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The total operating and maintenance expenditures budgeted are \$1,082,629.

In addition to personnel costs, other significant operating and maintenance expenses are power and utility expenses of \$105,000, chemical expenses of \$27,900, biosolids disposal of \$44,000, laboratory expenses of \$26,800. The Sunfield WWTP also shares the expense for the use of a mobile belt press and lateral line video equipment. These are included in the equipment rental line. Additionally, GBRA has entered into an agreement with Goforth Special Utility District to process monthly billing to customers based on a percentage of sewer revenues which are incorporated into budget expenses.

The capital addition of \$243,333 is budgeted for a vacuum/jetter truck to operate in the collection system.

The budget includes the standard administration and general percentage charged to all operating divisions of GBRA and the budget for this expense is \$72,852.

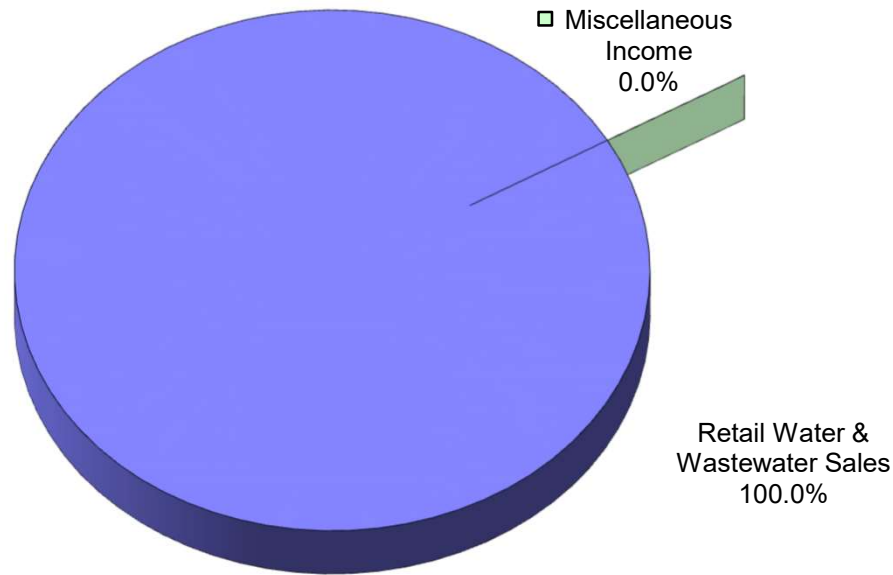
FUND BALANCE

Funds for the above listed capital additions in addition to all of the other operating expenditures that are summarized in the following pages will be provided from revenues from customer billings. In the upcoming FY 2022, the fund balance is expected to be \$1,008,640.



Budget Summary

REVENUES - SUNFIELD WWTP

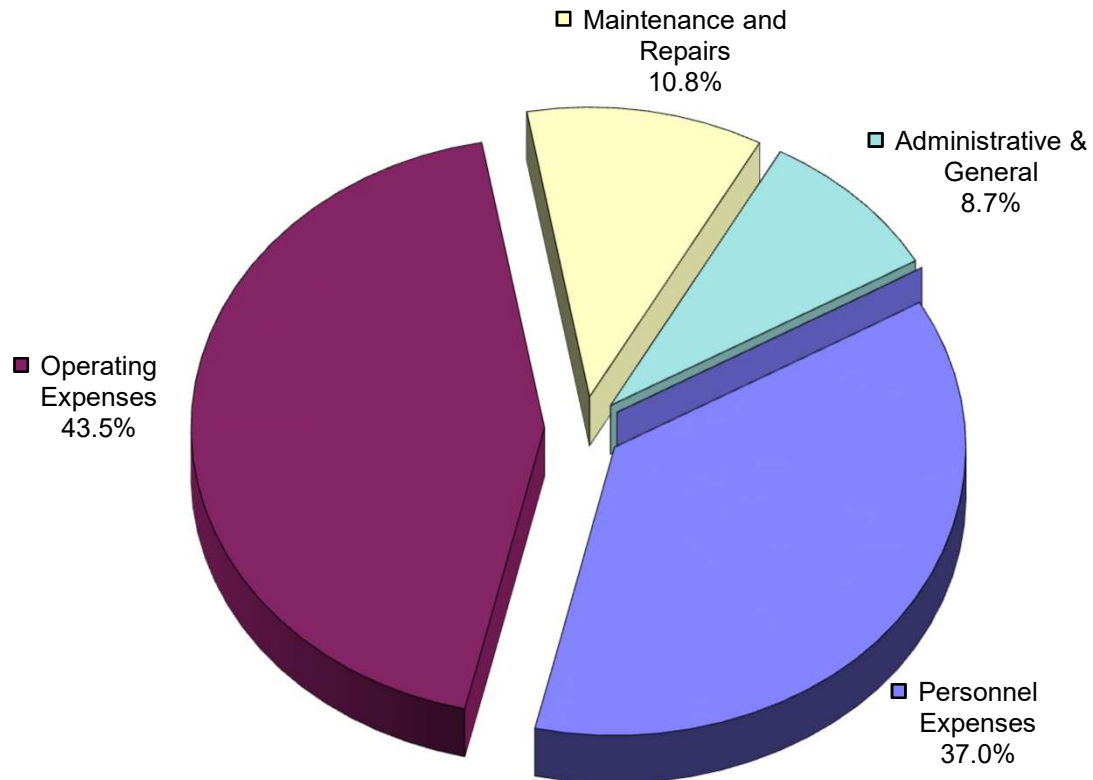


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services	673,595	743,409	
Retail Water & Wastewater Sales			2,091,269
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	673,595	743,409	2,091,269
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	673,595	743,409	2,091,269



Budget Summary

EXPENSES - SUNFIELD WWTP



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	167,785	285,648	310,172
Operating Expenses	210,685	317,269	365,372
Maintenance and Repairs	255,717	73,400	90,900
Administrative & General	39,408	67,092	72,852
Capital Expense & Outlay			243,333
Transfers			
Total Operating and M&R Expenses	673,595	743,409	1,082,629
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	673,595	743,409	1,082,629

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**037 - Sunfield WWTP
Department ***

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wastewater Treatment				
41201	WW-OPR & MAINTENANCE	676,317	-	(676,317)
41202	WW-ADMINISTRATIVE & GENERAL	67,092	-	(67,092)
	Total Wastewater Treatment	743,409	-	(743,409)
Retail Wastewater				
42401	WASTEWATER SERVICES	-	2,084,069	2,084,069
42405	TRANSFER FEES	-	7,200	7,200
	Total Retail Wastewater	-	2,091,269	2,091,269
	Total Operating Revenue	743,409	2,091,269	1,347,860
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	190,848	210,044	19,196
51102	LBR-OVERTIME	12,460	10,719	(1,741)
	Total Salaries	203,308	220,763	17,455
Benefits				
51298	BEN-BENEFIT ALLOCATION	82,340	89,409	7,069
	Total Benefits	82,340	89,409	7,069
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	75,000	105,000	30,000
52102	OPR-AUXILIARY POWER EXPENSE	5,000	6,000	1,000
52103	OPR-CHEMICALS	22,500	27,900	5,400
52110	OPR-SMALL TOOLS AND SUPPLIES	700	1,000	300
52113	OPR-LAB SUPPLIES	2,000	2,500	500
52114	OPR-LABORATORY SERVICES-GBRA	20,500	23,000	2,500
52115	OPR-LABORATORY SERVICES-OUTSOURCED	1,200	1,300	100
52118	OPR-DISPOSAL SERVICES	36,000	44,000	8,000
52120	OPR-UNIFORMS	-	2,500	2,500

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52121	OPR-SAFETY & EMERGENCY EXPENSE	3,000	3,000	-
52123	OPR-EQUIPMENT RENTAL	43,990	30,351	(13,639)
52125	OPR-VEHICLE EXPENSE	1,000	2,000	1,000
52126	OPR-FLEET LEASE EXPENSE	16,728	16,728	-
52133	OPR-SCADA	4,300	1,500	(2,800)
	Total Operating Supplies & Services	231,918	266,779	34,861
	Professional Services and Fees			
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	60,000	-	(60,000)
52205	OPR-PROFESSIONAL SERVICES-OTHER	2,500	2,500	-
52217	OPR-INSPECTION FEES	1,600	1,600	-
52219	OPR-CUSTOMER BILLING FEES	-	65,049	65,049
52222	OPR-MEMBERSHIPS & PUBLICATIONS	100	300	200
52223	OPR-LICENSE & TRAINING	-	2,100	2,100
52224	OPR-TRAVEL & MEETINGS	2,000	3,000	1,000
	Total Professional Services and Fees	66,200	74,549	8,349
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	400	600	200
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,150	6,450	5,300
52303	OPR-WIDE AREA NETWORK EXPENSE	-	3,000	3,000
52306	OPR-COMMUNICATIONS	1,400	3,500	2,100
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	-	2,000	2,000
	Total Office Expenses	2,950	15,550	12,600
	Other Operating Expenses			
52403	OPR-OFFICE/BUILDING RENTAL	900	900	-
52420	OPR-INSURANCE EXPENSE	9,301	6,994	(2,307)
52430	OPR-MISC EXPENSE	6,000	600	(5,400)
	Total Other Operating Expenses	16,201	8,494	(7,707)
	SUBTOTAL OF OPERATIONAL EXPENSES	602,917	675,544	72,627
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	5,500	8,000	2,500
53110	M&R-CONTROL SYSTEMS	8,000	8,000	-
53115	M&R-METERS	1,000	1,000	-
	Total Maintenance and Repair Equipment	14,500	17,000	2,500
	Structures			
53201	M&R-BUILDING	5,000	2,000	(3,000)
53205	M&R-PUMPS AND MOTORS	10,000	15,000	5,000
53210	M&R-GATES AND VALVES	2,000	10,000	8,000
53215	M&R-LIFTSTATIONS	10,000	15,000	5,000
53220	M&R-CLARIFIERS	1,000	1,000	-

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
53238	M&R-FILTERS	700	700	-
	Total Structures	28,700	43,700	15,000
	Other Maintenance & Repairs			
53301	M&R-ROADS	1,000	1,000	-
53310	M&R-GROUNDS/ROW	4,200	4,200	-
53325	M&R-GENERAL MAINTENANCE	25,000	25,000	-
	Total Other Maintenance & Repairs	30,200	30,200	-
	SUBTOTAL OF M&R EXPENSES	73,400	90,900	17,500
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	67,092	72,852	5,760
	Total Administrative & General	67,092	72,852	5,760
	Capital Outlay			
13217	AUTO & HEAVY EQUIPMENT	-	243,333	243,333
	Total Capital Outlay	-	243,333	243,333
	TOTAL OPERATING AND M&R EXPENSES	743,409	1,082,629	339,220
	Net Operating Income	-	1,008,640	1,008,640
	Net Change in Fund Balance	-	1,008,640	1,008,640

Sunfield WWTP - Capital Outlay Expense

Description	FY 2022
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Capital Outlay Funded From Current Revenues

Vac/Jetter Truck	\$	243,333
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Total Sunfield WWTP Capital Outlay Expense	\$	243,333
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Dietz WWT

Dietz Waste Water Treatment Plant

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

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

Rural Utilities Division
Dietz Wastewater Collection System
Operating Plan for Fiscal Year Ending 8/31/22

BACKGROUND

The Guadalupe-Blanco River Authority (GBRA) initiated an agreement with New Braunfels Utilities (NBU) 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.

REVENUE SOURCES AND TRENDS

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

CAPITAL ADDITIONS AND OPERATING EXPENSES

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

Budget placeholders have been established for the main budget items. There is no capital outlay anticipated for FY 22.

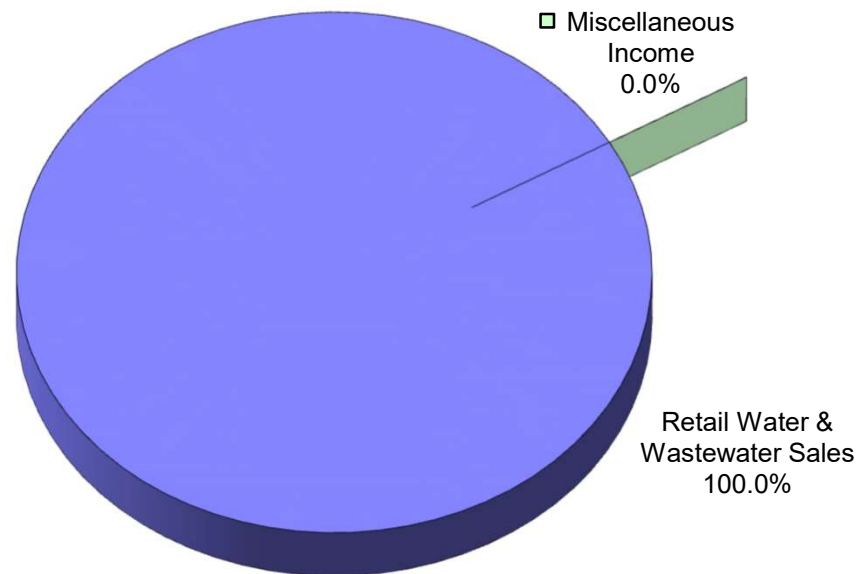
FUND BALANCE

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

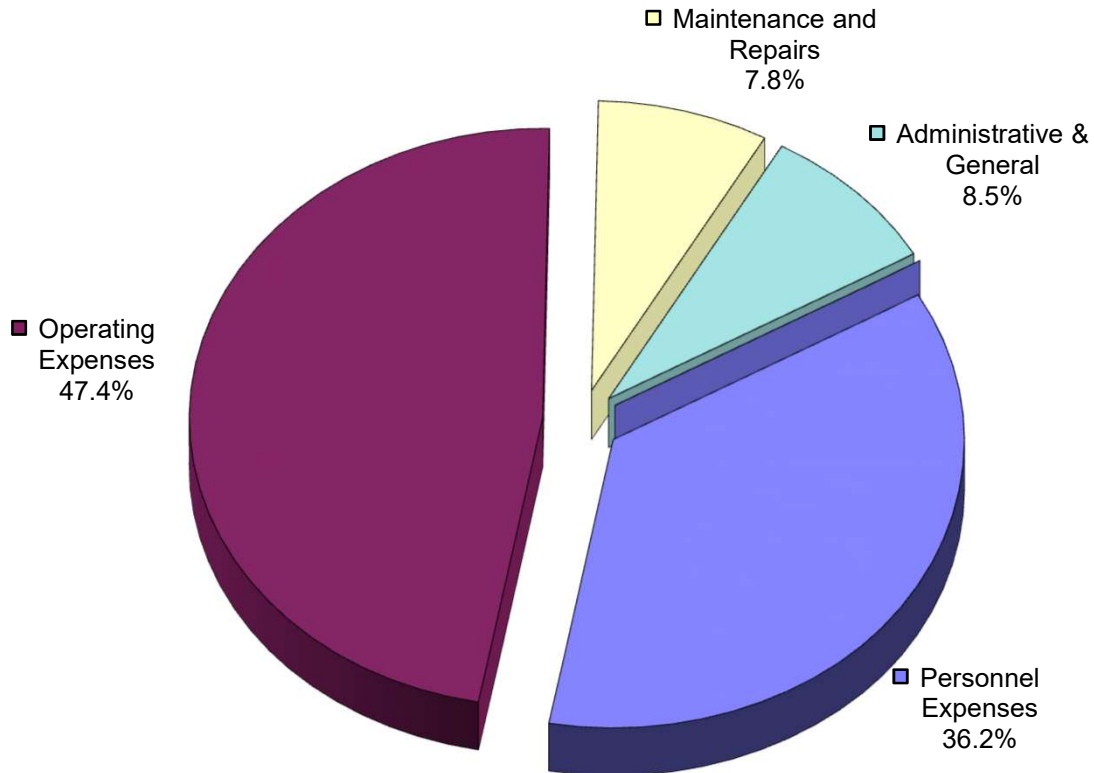


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			38,290
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue			38,290
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	0	0	38,290



Budget Summary

EXPENSES - DIETZ WWTP



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses			34,187
Operating Expenses			44,704
Maintenance and Repairs			7,400
Administrative & General			8,030
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses			94,321
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses			94,321

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**038 - DIETZ WW
Department ***

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	-	35,290	35,290
42402	SEWER CONNECTION/INSP FEES	-	3,000	3,000
	Total Retail Wastewater	-	38,290	38,290
	Total Operating Revenue	-	38,290	38,290
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	-	20,867	20,867
51102	LBR-OVERTIME	-	3,465	3,465
	Total Salaries	-	24,332	24,332
Benefits				
51298	BEN-BENEFIT ALLOCATION	-	9,855	9,855
	Total Benefits	-	9,855	9,855
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	-	9,000	9,000
52102	OPR-AUXILIARY POWER EXPENSE	-	2,000	2,000
52103	OPR-CHEMICALS	-	2,000	2,000
52110	OPR-SMALL TOOLS AND SUPPLIES	-	3,000	3,000
52114	OPR-LABORATORY SERVICES-GBRA	-	1,200	1,200
52118	OPR-DISPOSAL SERVICES	-	15,211	15,211
52120	OPR-UNIFORMS	-	600	600
52133	OPR-SCADA	-	1,200	1,200
	Total Operating Supplies & Services	-	34,211	34,211
Professional Services and Fees				
52219	OPR-CUSTOMER BILLING FEES	-	6,943	6,943
52222	OPR-MEMBERSHIPS & PUBLICATIONS	-	50	50
52223	OPR-LICENSE & TRAINING	-	500	500

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
	Total Professional Services and Fees	<u>-</u>	<u>7,493</u>	<u>7,493</u>
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	<u>-</u>	<u>3,000</u>	<u>3,000</u>
	Total Other Operating Expenses	<u>-</u>	<u>3,000</u>	<u>3,000</u>
	SUBTOTAL OF OPERATIONAL EXPENSES	<u>-</u>	<u>78,891</u>	<u>78,891</u>
	Structures			
53205	M&R-PUMPS AND MOTORS	<u>-</u>	<u>5,000</u>	<u>5,000</u>
	Total Structures	<u>-</u>	<u>5,000</u>	<u>5,000</u>
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	<u>-</u>	<u>2,400</u>	<u>2,400</u>
	Total Other Maintenance & Repairs	<u>-</u>	<u>2,400</u>	<u>2,400</u>
	SUBTOTAL OF M&R EXPENSES	<u>-</u>	<u>7,400</u>	<u>7,400</u>
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	<u>-</u>	<u>8,030</u>	<u>8,030</u>
	Total Administrative & General	<u>-</u>	<u>8,030</u>	<u>8,030</u>
	TOTAL OPERATING AND M&R EXPENSES	<u>-</u>	<u>94,321</u>	<u>94,321</u>
	Net Operating Income	<u>-</u>	<u>(56,031)</u>	<u>(56,031)</u>
	Net Change in Fund Balance	<u>-</u>	<u>(56,031)</u>	<u>(56,031)</u>



Water Sales

Canyon Dam and Reservoir

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

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

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

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

-
- | | |
|---------------------------------------|-------------------------------|
| • Service Provided: Raw Water | • # of Current Employees: 66 |
| • Location: Canyon Lake, TX | • Budgeted Operating Revenue: |
| • Startup Operation Date: 1964 | \$22,982,548 |
| • Service Area: Guadalupe River Basin | |

Water Resources Division Water Sales System Operating Plan for Fiscal Year Ending 8/31/22

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

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

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

The Division is managed by three members of the Executive Staff: Executive Manager of Project Engineering and Development / Chief Engineer, Executive Manager of Environmental Science and Community Affairs, and Executive Manager of Operations.

REVENUE SOURCES AND TRENDS

Water sales revenues are based on a firm water rate of \$157.00 per acre-foot per year for FY 2022. Total water sales revenues excluding "water delivery and pipeline operations" for FY 2022 are projected at \$15,870,977.

GBRA receives revenue in this Division from customer groups associated with two distinct self-supporting operations. They include the operations and associated debt service for the Regional Raw Water Pipeline and the IH35 Treated Water Pipeline. Revenue for debt service and operations of the water delivery systems during FY 2022 is estimated at \$3,882,612.

Grant and interlocal revenue is estimated at \$1,576,305. Laboratory revenues total \$1,020,000, while investment income is estimated at \$100,000 and recreation revenues total \$312,000.

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 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. In addition, \$150,000 is budgeted for GBRA's portion of the EAA Habitat Conservation Plan and \$79,000 is allocated for payment to the TCEQ South Texas Watermaster. Funding is also provided to support the Guadalupe-Blanco River Trust and the Canyon Gorge.

Professional service fees within the system include legal and engineering for ongoing operations, as well as for water supply projects, water quality activities, hazard mitigation requirements, and watershed management. In FY 2022, operating costs for professional fees is budgeted at \$4,048,475.

Utility costs for the Regional Raw Water pipeline, Guadalupe Power Partners pipeline and IH35 Treated Water Pipeline as well as Nolte and Lakewood recreational areas are budgeted at \$1.6 million. Maintenance and repair expenses total \$893,000 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 \$27,500 and include the purchase of office furniture for the new Canyon Lake Gorge environmental learning building, lab equipment, and a mower for Nolte Island recreation.

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 22 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 2022 is \$0.



Staffing Summary

Water Supply	# of Authorized Positions (FTE)		
	2020	2021	2022
Executive Mgr. of Operations	1	1	1
Executive Manager of Engineering	1	1	1
Executive Mgr. of Environmental Science	1	1	1
Deputy Executive Mgr of Operations	1	1	1
Deputy Executive Mgr of Environmental Science	---	1	1
Division Manager - Calhoun/Refugio Counties	1	1	1
Division Manager - Hays/Caldwell Operations	1	1	1
Division Manager - Hydroelectric Operations	1	1	1
Division Manager - Western Canyon Operations	1	1	1
Asset Manager	1	1	1
Project Manager	1	1	1
Senior Engineers, Project Engineer, Engineers	4	4	5
Project & Community Representative	1	1	---
Regional Representative	1	1	---
Aquatic Biologist	1	1	1
Assistant Chief Ranger	1	1	---
Electrical/Instrumentation Technicians & Analysts	8	8	7
Hydrologist/Technician	0.5	0.5	0.5
Project Coordinator	---	---	1
Clean Rivers Supervisor	1	1	1
Facilities Technician	1	1	1
Engineering Assistant	1	1	1
Construction Inspectors/Engineering Analysts	5	5	7
Gorge Supervisor	1	1	1
Senior Environmental Services Assistant	1	1	1
Habitat Conservation Plan Coordinator	---	---	1
Maintenance Crew: WW Collections, Pipelines, ROW	6	6	6
Maintenance Technician	2	2	2
Utilities Accounts Assistant	1	1	1
Water Quality Technician	1	1	1
Park Ranger	2	2	2
Gorge, Administrative Assistant	1	1	1
Gorge, Maintenance	---	---	1
Gorge, Program Assistant	2.5	2.5	4.5
Subtotal	52	53	57

**Staffing Summary**

041-Laboratory	# of Authorized Positions (FTE)		
	2020	2021	2022
Lead Lab Administrator	1	1	1
Quality Assurance Officer	1	1	1
Customer Project Manager	1	1	1
Laboratory Analysts/Technicians	5	5	5
Sample Custodian/Lab Tech	1	1	1
Subtotal	9	9	9
Grand Total	61	62	66

Changes from FY 2020 to FY 2021

Deputy Executive Mgr of Environmental Science position was added.

Changes from FY 2021 to FY 2022

2-Added Construction Inspectors

1-Added HCP Coordinator

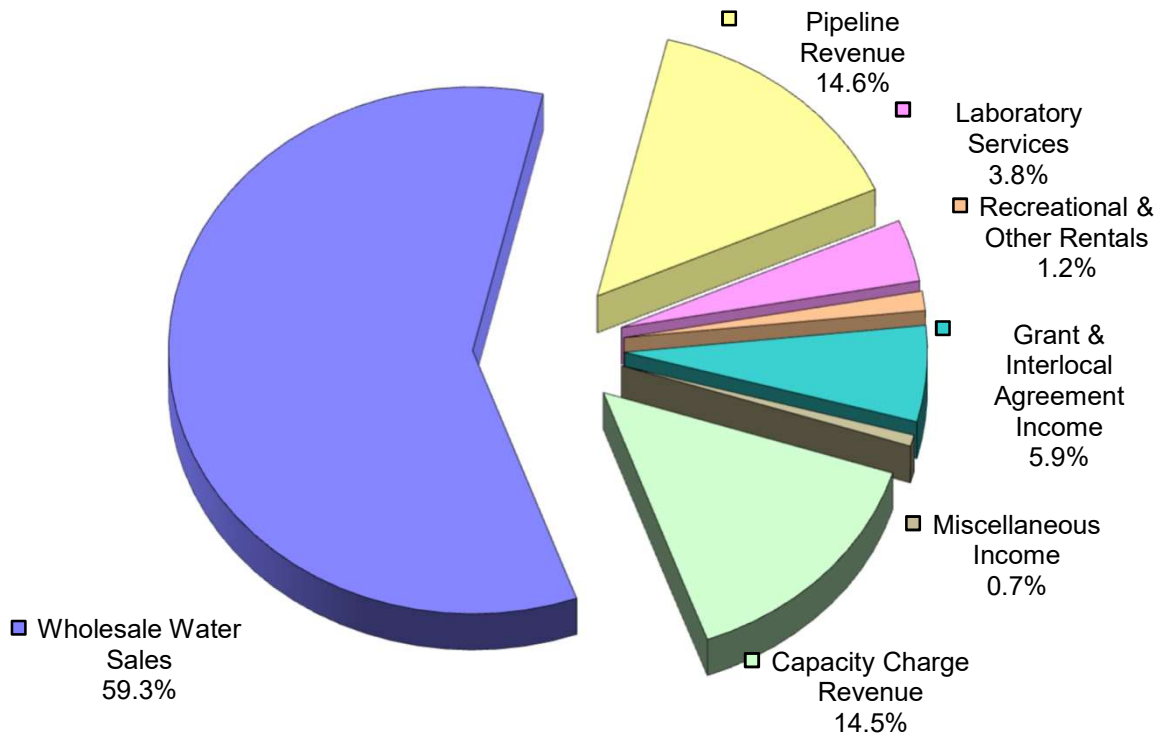
3-Added Gorge Maintenance and Program Assistants

2-Reallocated positions to other Divisions



Budget Summary

REVENUES - WATER SALES

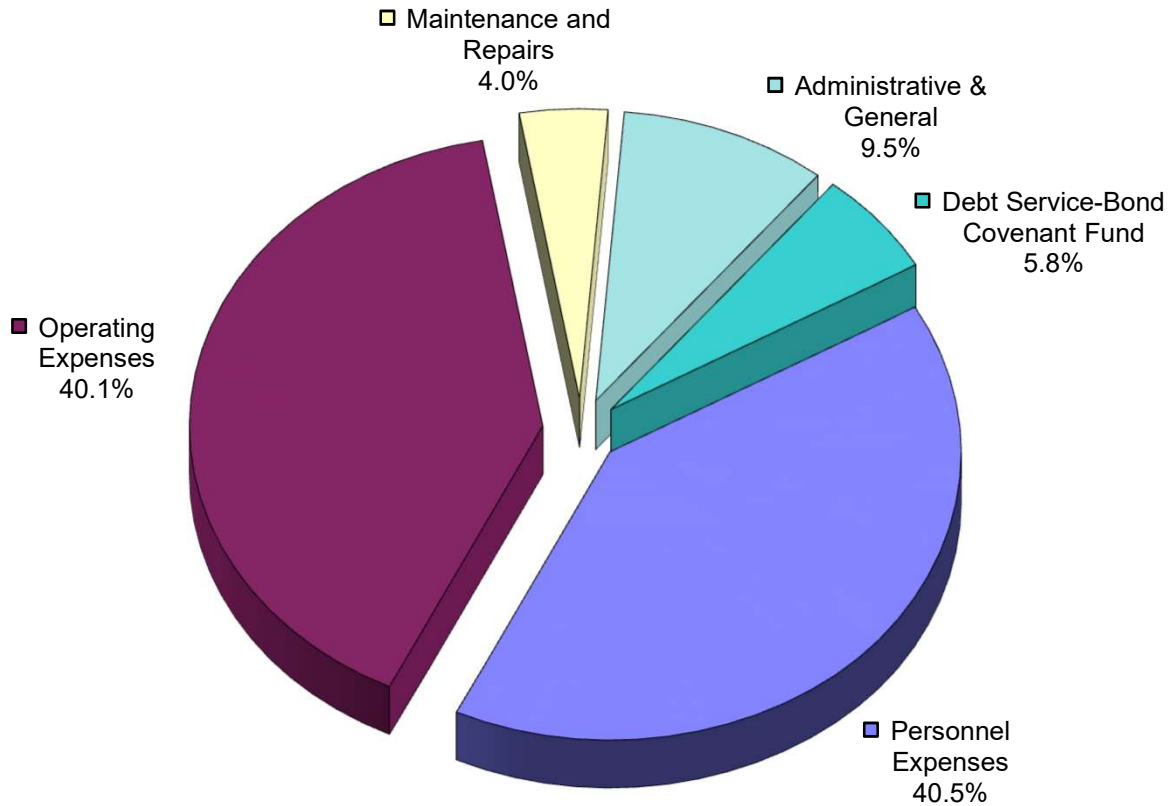


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales	15,058,754	15,138,741	15,870,977
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue	2,887,828	3,049,741	3,918,334
Industrial Services			
Laboratory Services	850,700	866,000	1,020,000
Recreational & Other Rentals	134,145	232,764	320,000
Administrative & General			
Operating & Restricted Interest	445,002	15,000	100,000
Grant & Interlocal Agreement Income	758,313	759,486	1,576,305
Miscellaneous Income	302,221	190,404	184,932
Total Operating Revenue	20,436,963	20,252,136	22,990,548
Capacity Charge Revenue	8,546,620	8,715,875	3,882,612
I/F Loan Repayments from Operations			
Grand Total Revenues	28,983,583	28,968,011	26,873,160



Budget Summary

EXPENSES - WATER SALES



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	7,752,916	8,148,184	8,972,644
Operating Expenses	8,604,475	8,154,939	8,892,317
Maintenance and Repairs	781,859	803,400	893,000
Administrative & General	1,801,660	1,913,808	2,112,253
Capital Expense & Outlay	5,028,550	180,000	27,500
Transfers			208,019
Total Operating and M&R Expenses	23,969,460	19,200,331	21,105,733
Debt Service-Principal	5,636,208	5,044,825	2,830,217
Debt Service-Interest	4,090,843	3,768,459	1,612,780
Debt Service-Bond Covenant Fund		954,396	1,296,001
Grand Total Expenses	33,696,511	28,968,011	26,844,731

Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022

041 - Water Sales
Department *

		FY 2021	FY 2022	FY 2022-2021
		BUDGET	BUDGET	DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wholesale Raw Water Sales				
42102	CANYON-INEOS	291,883	423,364	131,481
42103	CANYON-PORT LAVACA WTP	338,240	422,016	83,776
42104	CANYON-CCRWSC	72,631	107,545	34,914
42105	CANYON-CITY OF SEGUIN	151,000	157,000	6,000
42107	CANYON-SPRINGS HILL WSC	483,200	502,400	19,200
42108	CANYON-REBECCA CREEK MUD	19,630	20,410	780
42109	CANYON-CRWA-HAYS CO, SAN MARCOS	307,738	319,966	12,228
42110	CANYON-SEADRIFT COKE	50,434	52,438	2,004
42111	CANYON-UNION CARBIDE	15,100	15,700	600
42112	CANYON-STANDARD GYPSUM	38,958	40,506	1,548
42113	CANYON-CMS STEEL	105,700	109,900	4,200
42114	CANYON-NEW BRAUNFELS UTILITIES	2,298,220	2,389,540	91,320
42115	CANYON-CRYSTAL CLEAR WSC	120,800	125,600	4,800
42116	CANYON-CANYON REGIONAL WATER AUTH	1,797,469	1,863,466	65,997
42117	CANYON-CANYON LAKE WSC	966,400	1,004,800	38,400
42118	CANYON-CITY OF SAN MARCOS	1,510,000	1,570,000	60,000
42119	CANYON-GUADALUPE POWER PARTNERS	1,032,840	1,073,880	41,040
42120	CANYON-CITY OF KYLE	821,893	854,551	32,658
42121	CANYON-GREEN VALLEY SUD	151,000	157,000	6,000
42122	CANYON-HAYS ENERGY LTD PARTNERSHIP	372,064	386,848	14,784
42123	CANYON-CITY OF FAIR OAKS	279,350	290,450	11,100
42124	CANYON-SAN ANTONIO WATER SYSTEMS	1,060,341	784,301	(276,040)
42125	CANYON-CITY OF BOERNE	545,261	566,927	21,666
42126	CANYON-GBRA-COMAL TRACE	12,080	19,625	7,545
42127	CANYON-SAN JOSE-PARK VILLAGE	48,622	50,554	1,932
42128	CANYON-JACQUELYN COUSER	15,100	15,700	600
42129	CANYON-BREMER RANCH, LTD	15,100	15,700	600
42130	CANYON-CITY OF BLANCO	90,600	94,200	3,600
42131	CANYON-FORESIGHT	43,790	45,530	1,740
42132	CANYON-CORDILLERA RANCH, LTD	226,500	235,500	9,000
42133	CANYON-KENDALL COUNTY/TAPATIO SPRINGS	113,250	117,750	4,500
42134	CANYON-CITY OF BUDA	253,680	263,760	10,080

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
42135	CANYON-DH INV-JOHNSON RANCH	135,900	141,300	5,400
42136	CANYON-GOFORTH SUD	457,077	598,327	141,250
42137	CANYON-HH RANCH PROPERTIES	37,750	39,250	1,500
42138	CANYON-SUNFIELD	175,009	58,875	(116,134)
42139	CANYON-MONARCH UTILITIES, LP	84,560	87,920	3,360
42140	CANYON-MIRALOMAS MUD	113,250	117,750	4,500
42141	CANYON-SMALL WATER SALES	55,971	63,178	7,207
42142	CANYON-SELECT ENERGY	-	220,000	220,000
42150	WOMACK-NEW BRAUNFELS UTILITIES	430,350	447,450	17,100
	Total Wholesale Raw Water Sales	15,138,741	15,870,977	732,236
	Pipeline Revenue			
42501	O&M-IH35, BUDA	72,731	107,241	34,510
42502	O&M-IH35, GOFORTH	192,216	245,307	53,091
42503	O&M-IH35, KYLE	243,128	300,533	57,405
42504	O&M-IH35, MONARCH	49,353	61,028	11,675
42550	O&M-RRWDS, COSM	831,697	1,194,982	363,285
42551	O&M-RRWDS, BUDA	92,479	141,881	49,402
42552	O&M-RRWDS, GOFORTH	244,409	324,544	80,135
42553	O&M-GPP	642,483	666,632	24,149
42554	O&M-RRWDS, HELP	115,339	148,344	33,005
42555	O&M-RRWDS, KYLE	309,145	397,608	88,463
42556	O&M-RRWDS, CRWA	194,007	249,523	55,516
42557	O&M-RRWDS, MONARCH	62,754	80,711	17,957
	Total Pipeline Revenue	3,049,741	3,918,334	868,593
	Laboratory			
42801	REV-LABORATORY SERVICES	866,000	1,020,000	154,000
	Total Laboratory	866,000	1,020,000	154,000
	Recreation & Other Rentals			
42901	REV-FACILITY RENTAL	59,564	38,000	(21,564)
42902	REV-PARK ENTRY FEES	150,000	272,000	122,000
42903	REV-CONCESSIONS/STORE CHARGES	19,000	10,000	(9,000)
42921	REV-HYDRO HOUSE RENTALS	4,200	-	(4,200)
	Total Recreation & Other Rentals	232,764	320,000	87,236
	Internal Transfers			
43002	REV-BUILDING/EQUIP RENTAL	190,404	184,932	(5,472)
	Total Internal Transfers	190,404	184,932	(5,472)
	Operating Interest			
44110	INT-OPR INVESTMENT FUNDS	15,000	100,000	85,000
	Total Operating Interest	15,000	100,000	85,000

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
	Grant & Interlocal Agreement Income			
45301	GRANTS-FEDERAL	245,215	674,015	428,800
45302	GRANTS-STATE	300,000	722,594	422,594
45303	GRANTS-CLEAN RIVERS PROGRAM	175,225	140,650	(34,575)
45320	INTERLOCAL-CONTRIBUTED BY CUSTOMERS	39,046	39,046	-
	Total Grant & Interlocal Agreement Income	759,486	1,576,305	816,819
	Total Operating Revenue	20,252,136	22,990,548	2,738,412
	OPERATING EXPENSES			
	Salaries			
51101	LBR-REGULAR WAGES	5,642,089	6,252,849	610,760
51102	LBR-OVERTIME	157,330	127,485	(29,845)
	Total Salaries	5,799,419	6,380,334	580,915
	Benefits			
51298	BEN-BENEFIT ALLOCATION	2,348,765	2,592,310	243,545
	Total Benefits	2,348,765	2,592,310	243,545
	Operating Supplies & Services			
52101	OPR-POWER & UTILITIES	1,639,677	1,660,515	20,838
52102	OPR-AUXILIARY POWER EXPENSE	22,750	19,000	(3,750)
52103	OPR-CHEMICALS	79,000	78,100	(900)
52110	OPR-SMALL TOOLS AND SUPPLIES	26,000	39,100	13,100
52111	OPR-PUBLIC NOTICES AND COMMUNICATIONS	139,000	164,000	25,000
52113	OPR-LAB SUPPLIES	111,100	111,000	(100)
52114	OPR-LABORATORY SERVICES-GBRA	251,500	262,700	11,200
52115	OPR-LABORATORY SERVICES-OUTSOURCED	70,000	70,000	-
52118	OPR-DISPOSAL SERVICES	7,000	10,140	3,140
52120	OPR-UNIFORMS	4,450	11,200	6,750
52121	OPR-SAFETY & EMERGENCY EXPENSE	7,750	8,575	825
52122	OPR-SECURITY EXPENSE	6,500	6,000	(500)
52123	OPR-EQUIPMENT RENTAL	27,000	42,600	15,600
52124	OPR-EQUIPMENT EXPENSE	45,700	46,700	1,000
52125	OPR-VEHICLE EXPENSE	24,800	27,000	2,200
52126	OPR-FLEET LEASE EXPENSE	13,946	26,172	12,226
52132	OPR-GAUGING AND MONITORING	25,000	25,000	-
52133	OPR-SCADA	12,600	21,500	8,900
52145	OPR-CONTRACT LABOR	95,090	101,390	6,300
	Total Operating Supplies & Services	2,608,863	2,730,692	121,829
	Professional Services and Fees			
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	487,500	847,500	360,000

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52202 OPR-PROFESSIONAL SERVICES-LEGAL	1,500,000	1,025,000	(475,000)
52205 OPR-PROFESSIONAL SERVICES-OTHER	1,554,500	2,175,975	621,475
52210 OPR-CORPS OF ENGINEERS	850,000	850,000	-
52211 OPR-USGS MONITORING	189,520	189,520	-
52214 OPR-EAA HABITAT CONSERVATION	150,000	150,000	-
52216 OPR-REGULATORY FEES	140,400	79,000	(61,400)
52220 OPR-BANK FEES	7,376	7,724	348
52222 OPR-MEMBERSHIPS & PUBLICATIONS	9,585	28,810	19,225
52223 OPR-LICENSE & TRAINING	88,350	97,050	8,700
52224 OPR-TRAVEL & MEETINGS	53,875	74,175	20,300
Total Professional Services and Fees	5,031,106	5,524,754	493,648
Office Expenses			
52301 OPR-OFFICE SUPPLIES	30,000	28,350	(1,650)
52302 OPR-COMPUTER & SOFTWARE EXPENSE	48,500	151,250	102,750
52303 OPR-WIDE AREA NETWORK EXPENSE	-	13,150	13,150
52304 OPR-COPY SUPPLIES AND SERVICES	23,200	19,700	(3,500)
52305 OPR-POSTAGE AND FREIGHT EXPENSE	13,650	17,850	4,200
52306 OPR-COMMUNICATIONS	64,000	73,494	9,494
52320 OPR-EDUCATION EXPENSE	1,000	4,000	3,000
52321 OPR-COMMUNITY AFFAIRS	94,000	96,000	2,000
52322 OPR-MEDIA EXPENSE	1,500	6,000	4,500
52323 OPR-EMPLOYEE RELATIONS	1,000	3,750	2,750
52330 OPR-OUTSOURCED PRINTING EXPENSE	3,000	12,500	9,500
52331 OPR-JANITORIAL SUPPLIES AND SERVICE	15,340	14,200	(1,140)
Total Office Expenses	295,190	440,244	145,054
Other Operating Expenses			
52403 OPR-OFFICE/BUILDING RENTAL	58,272	52,800	(5,472)
52404 OPR-RIGHT OF WAY	6,000	3,000	(3,000)
52405 OPR-CONCESSIONS/STORE MERCHANDISE	11,500	3,500	(8,000)
52420 OPR-INSURANCE EXPENSE	119,758	124,077	4,319
52430 OPR-MISC EXPENSE	24,250	13,250	(11,000)
Total Other Operating Expenses	219,780	196,627	(23,153)
SUBTOTAL OF OPERATIONAL EXPENSES	16,303,123	17,864,961	1,561,838
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	38,200	38,700	500
53115 M&R-METERS	20,000	10,000	(10,000)
53120 M&R-BOATS	6,400	7,400	1,000
Total Maintenance and Repair Equipment	64,600	56,100	(8,500)
Structures			
53201 M&R-BUILDING	16,200	16,200	-

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
53205	M&R-PUMPS AND MOTORS	135,000	165,000	30,000
53216	M&R-PUMPSTATIONS	15,000	10,000	(5,000)
53225	M&R-FENCES	12,000	-	(12,000)
53230	M&R-PIPELINES	300,000	400,000	100,000
53251	M&R-PARK STRUCTURES	4,200	4,200	-
	Total Structures	482,400	595,400	113,000
	Other Maintenance & Repairs			
53301	M&R-ROADS	36,200	32,500	(3,700)
53310	M&R-GROUNDS/ROW	46,000	63,500	17,500
53315	M&R-CAMP AND PICNIC SITES	1,200	2,000	800
53324	M&R-REMOVE LOG JAMS	26,200	26,200	-
53325	M&R-GENERAL MAINTENANCE	118,000	94,300	(23,700)
53399	M&R-MISC EXPENSE	28,800	23,000	(5,800)
	Total Other Maintenance & Repairs	256,400	241,500	(14,900)
	SUBTOTAL OF M&R EXPENSES	803,400	893,000	89,600
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	1,913,808	2,112,253	198,445
	Total Administrative & General	1,913,808	2,112,253	198,445
	Capital Outlay			
13201	STRUCTURES & IMPROVEMENTS	57,000	-	(57,000)
13208	SPECIALIZED OPER EQUIPMENT	-	11,000	11,000
13217	AUTO & HEAVY EQUIPMENT	123,000	-	(123,000)
13218	OFFICE FURNITURE & EQUIP	-	3,500	3,500
13219	MISCELLANEOUS EQUIPMENT	-	13,000	13,000
	Total Capital Outlay	180,000	27,500	(152,500)
	Transfers			
61505	TRANSFERS-DESIGNATED PROJECT FUND	-	208,019	208,019
	Total Transfers	-	208,019	208,019
	TOTAL OPERATING AND M&R EXPENSES	19,200,331	21,105,733	1,905,402
	Net Operating Income	1,051,805	1,884,815	833,010

DEBT SERVICE BUDGET

	Capacity Charge Revenue			
42601	DEBT SERV-RRWDS, COSM	672,561	682,520	9,959

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
42602	DEBT SERV-RRWDS, BUDA	103,985	103,985	-
42603	DEBT SERV-RRWDS, GOFORTH	239,878	309,241	69,363
42604	DEBT SERV-RRWDS, KYLE	337,928	337,928	-
42605	DEBT SERV-RRWDS, MONARCH	34,962	34,962	-
42606	DEBT SERV-RRWDS, SUNFIELD	102,338	32,970	(69,368)
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	386,672	498,354	111,682
42642	DEBT SERV-2013 IH35, KYLE	542,774	542,774	-
42643	DEBT SERV-2013 IH35, MONARCH	55,841	55,841	-
42644	DEBT SERV-2013 IH35, SUNFIELD	165,038	53,356	(111,682)
42655	DEBT SERV-2013 WCANYON, BREMER	9,501	-	(9,501)
42656	DEBT SERV-2013 WCANYON, BOERNE	617,539	-	(617,539)
42657	DEBT SERV-2013 WCANYON, CLWSC	342,972	-	(342,972)
42658	DEBT SERV-2013 WCANYON, COMAL TRACE	38,002	-	(38,002)
42659	DEBT SERV-2013 WCANYON, CORDILLERA RANCH	232,765	-	(232,765)
42660	DEBT SERV-2013 WCANYON, COUSER	9,501	-	(9,501)
42661	DEBT SERV-2013 WCANYON, FAIR OAKS	447,478	-	(447,478)
42662	DEBT SERV-2013 WCANYON, JOHNSON RANCH	142,509	-	(142,509)
42663	DEBT SERV-2013 WCANYON, MIRALOMAS	106,882	-	(106,882)
42664	DEBT SERV-2013 WCANYON, SAWS	3,278,182	-	(3,278,182)
42665	DEBT SERV-2013 WCANYON, KENDALL WEST	95,006	-	(95,006)
42670	DEBT SERV-2016 SMWTP, BUDA	37,444	37,444	-
42671	DEBT SERV-2016 SMWTP, GOFORTH	86,427	111,390	24,963
42672	DEBT SERV-2016 SMWTP, KYLE	121,318	121,318	-
42673	DEBT SERV-2016 SMWTP, MONARCH	12,481	12,481	-
42674	DEBT SERV-2016 SMWTP, SUNFIELD	36,889	11,926	(24,963)
42692	DEBT COVERAGE-2020 WCANYON COMB REF BONDS	-	477,120	477,120
Total Capacity Charge Revenue		8,715,875	3,882,612	(4,833,263)
Total Debt Revenue		8,715,875	3,882,612	(4,833,263)

Principal Payments Expense				
21101	LOAN-1977 CORP OF ENGINEERS	270,794	278,133	7,339
21110	LOAN-2016 PRESS/TRUCK, WFargo	39,448	-	(39,448)
21201	BOND-2007 RRWDS	130,000	138,333	8,333
21202	BOND-2010 RRWDS	540,000	566,667	26,667
21203	BOND-2011 GEN IMP	185,000	-	(185,000)
21204	BOND-2012 MID-BASIN	225,000	225,417	417
21205	BOND-2013 IH35	641,667	662,500	20,833
21206	BOND-2013 WCANYON	2,650,000	-	(2,650,000)
21209	BOND-2016 SMWTP	99,583	95,417	(4,166)
21211	BOND-2017 RRWDS	263,333	271,667	8,334

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
21218	BOND-2020 GEN IMP REV REF (OFFICE)	-	592,083	592,083
	Total Principal Payments Expense	5,044,825	2,830,217	(2,214,608)
	Interest Expense			
57201	INT-1977 CANYON COE	38,096	30,757	(7,339)
57203	INT-2007 RRWDS	340,067	327,695	(12,372)
57204	INT-2010 RRWDS	71,419	53,806	(17,613)
57205	INT-2020 GEN IMP BONDS	121,513	236,340	114,827
57206	INT-2012 MID-BASIN BONDS	35,341	33,738	(1,603)
57207	INT-2013 IH35 BONDS	555,635	529,969	(25,666)
57208	INT-2020 WCANYON BONDS	2,187,096	-	(2,187,096)
57210	INT-2016 SMWTP	168,915	166,844	(2,071)
57211	INT-2016 PRESS/TRUCK/GENERATOR, W Fargo	8,846	-	(8,846)
57212	INT-2017 RRWDS	241,531	233,631	(7,900)
	Total Interest Expense	3,768,459	1,612,780	(2,155,679)
	Transfers			
61550	TRANSFERS-RESTRICTED/BOND COVENANT FUND	954,396	1,296,001	341,605
	Total TRANSFERS-RESTRICTED/BOND COVENANT FUND	954,396	1,296,001	341,605
	Total Debt Expense	9,767,680	5,738,998	(4,028,682)
	Net Change in Debt Service Budget	(1,051,805)	(1,856,386)	(804,581)
	Net Change in Fund Balance	-	28,429	28,429

Water Sales - Capital Outlay Expense

Description	FY 2022
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Capital Outlay Funded From Current Revenues

Office Furniture-Gorge	\$	3,500
Buyout of IC Unit-LAB	\$	11,000
Zero Turn Lawn Mower-Nolte	\$	13,000
<hr/>		
Total Water Sales Capital Outlay Expense	\$	27,500



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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: \$1,513,504

Water Resource Division

Calhoun Canal System

Operating Plan for Fiscal Year Ending 8/31/22

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 six full-time employees, including a Chief Water Tender and three 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 2022, revenue from water supplied to municipal and industrial customers is budgeted to increase from \$1,466,156 to \$1,507,120. Municipal and industrial usage is projected to be relatively stable, with revenues increasing as a result of an increase in the rate. The base municipal and industrial rate will increase to 22.5¢ per thousand gallons in FY 2022.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Significant operating expenses for FY 2022 include personnel costs of \$397,110, \$40,000 for electrical power to operate the Relift #1 Pump Station, \$65,160 in equipment and vehicle expenses, \$15,450 for stream gaging, \$127,200 in assessments pertaining to the TCEQ South Texas Watermaster Program, and \$39,805 in insurance costs. Additionally, \$500,000 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 \$12,000 for the repair or purchase of pipe and water gate assemblies, and \$48,960 in materials and services for repairs to levees and canal crossings.

FUND BALANCE

Funds for the above listed operating expenditures as well as the other expenditures that are summarized in the following pages will be provided by revenues from customer billings. The division's projected increase in fund balance as a result of revenues and expenses is \$11,347.



Staffing Summary

Calhoun Canal	# of Authorized Positions (FTE)		
	2020	2021	2022
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

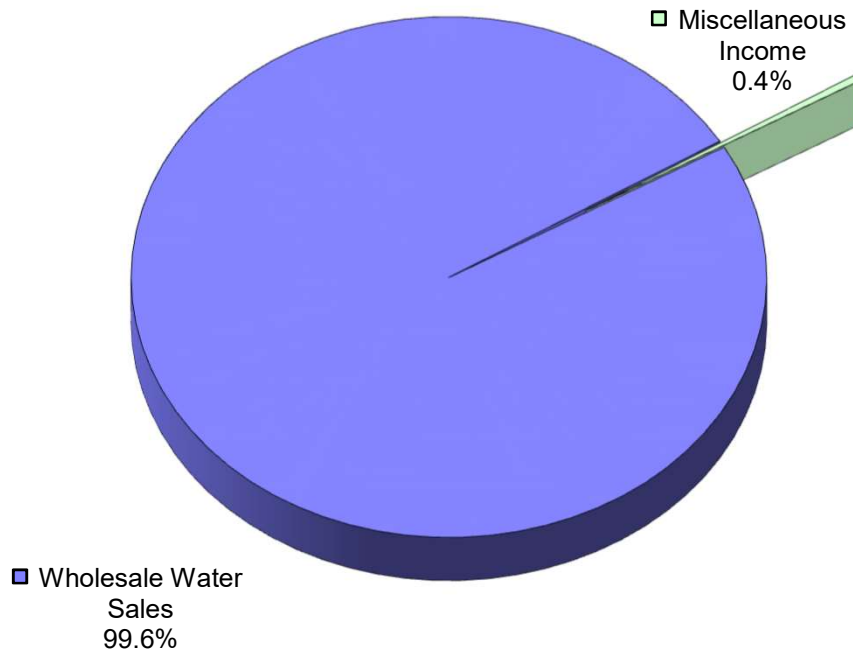
Changes from FY 2020 to FY 2021
No staffing changes for this division

Changes from FY 2020 to FY 2021
No staffing changes for this division



Budget Summary

REVENUES - CALHOUN CANAL

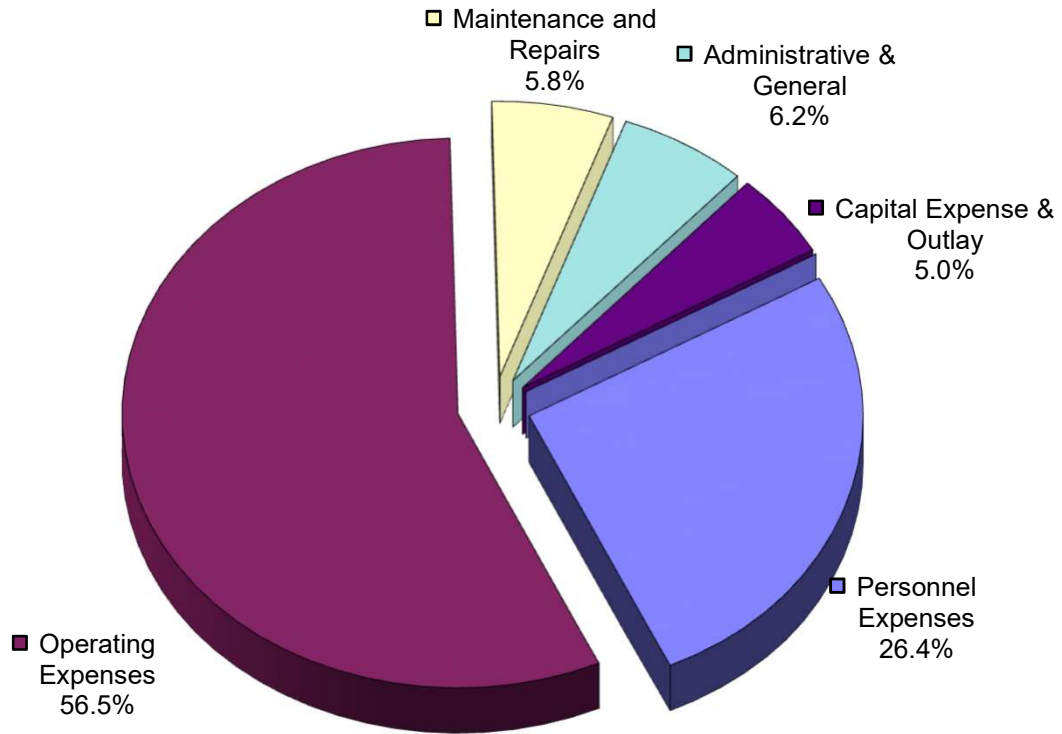


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales	1,811,643	1,466,156	1,507,120
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	132,891	6,384	6,384
Total Operating Revenue	1,944,534	1,472,540	1,513,504
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	1,944,534	1,472,540	1,513,504



Budget Summary

EXPENSES - CALHOUN CANAL



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	404,748	378,139	397,130
Operating Expenses	447,729	687,253	848,971
Maintenance and Repairs	25,991	87,720	87,780
Administrative & General	94,124	88,826	93,276
Capital Expense & Outlay		35,000	75,000
Transfers			
Total Operating and M&R Expenses	972,592	1,276,938	1,502,157
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	972,592	1,276,938	1,502,157

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**043 - Calhoun Canal
Department ***

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Wholesale Raw Water Sales			
42170 CANAL-PT LAVACA	118,306	123,808	5,502
42171 CANAL-RURAL WATER	20,277	21,220	943
42172 CANAL-CARBIDE	929,492	972,724	43,232
42173 CANAL-INEOS	256,934	267,211	10,277
42174 CANAL-SPRINKLER IRRIGATION	27,000	27,000	-
42175 CANAL-SEADRIFT COKE	28,439	29,544	1,105
42176 CANAL-CRAWFISH FARM	9,000	9,000	-
42177 CANAL-PONDS & RIGS	12,100	3,000	(9,100)
42178 CANAL-WATERFOWL	25,000	25,000	-
42179 CANAL-POC IDC	21,608	22,613	1,005
42181 CANAL-OTHER	18,000	6,000	(12,000)
Total Wholesale Raw Water Sales	1,466,156	1,507,120	40,964
Internal Transfers			
43002 REV-BUILDING/EQUIP RENTAL	6,384	6,384	-
Total Internal Transfers	6,384	6,384	-
Total Operating Revenue	1,472,540	1,513,504	40,964
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	234,710	243,565	8,855
51102 LBR-OVERTIME	34,428	39,090	4,662
Total Salaries	269,138	282,655	13,517
Benefits			
51298 BEN-BENEFIT ALLOCATION	109,001	114,475	5,474
Total Benefits	109,001	114,475	5,474
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	40,000	40,000	-

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52103	OPR-CHEMICALS	600	600	-
52110	OPR-SMALL TOOLS AND SUPPLIES	3,600	3,600	-
52113	OPR-LAB SUPPLIES	660	660	-
52120	OPR-UNIFORMS	4,800	4,800	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	4,600	4,600	-
52122	OPR-SECURITY EXPENSE	2,760	2,760	-
52124	OPR-EQUIPMENT EXPENSE	35,160	35,160	-
52125	OPR-VEHICLE EXPENSE	30,000	30,000	-
52126	OPR-FLEET LEASE EXPENSE	18,000	9,600	(8,400)
52133	OPR-SCADA	1,550	1,750	200
52145	OPR-CONTRACT LABOR	3,600	3,600	-
52150	OPR-WATER PURCHASES/DELIVERY	415,842	500,000	84,158
	Total Operating Supplies & Services	561,172	637,130	75,958
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	1,800	1,800	-
52211	OPR-USGS MONITORING	15,450	15,450	-
52216	OPR-REGULATORY FEES	42,000	127,200	85,200
52222	OPR-MEMBERSHIPS & PUBLICATIONS	720	720	-
52223	OPR-LICENSE & TRAINING	1,056	1,056	-
52224	OPR-TRAVEL & MEETINGS	1,200	1,200	-
	Total Professional Services and Fees	62,226	147,426	85,200
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	2,400	2,400	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,350	3,650	2,300
52306	OPR-COMMUNICATIONS	9,600	11,000	1,400
52322	OPR-MEDIA EXPENSE	1,200	3,000	1,800
	Total Office Expenses	14,550	20,050	5,500
	Other Operating Expenses			
52404	OPR-RIGHT OF WAY	3,000	-	(3,000)
52420	OPR-INSURANCE EXPENSE	41,745	39,805	(1,940)
52430	OPR-MISC EXPENSE	4,560	4,560	-
	Total Other Operating Expenses	49,305	44,365	(4,940)
	SUBTOTAL OF OPERATIONAL EXPENSES	1,065,392	1,246,101	180,709
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	4,800	4,800	-
53115	M&R-METERS	2,160	2,160	-
	Total Maintenance and Repair Equipment	6,960	6,960	-
	Structures			
53201	M&R-BUILDING	8,500	8,500	-

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
53205	M&R-PUMPS AND MOTORS	4,500	4,500	-
53210	M&R-GATES AND VALVES	12,000	12,000	-
53230	M&R-PIPELINES	1,200	1,200	-
	Total Structures	26,200	26,200	-
	Other Maintenance & Repairs			
53301	M&R-ROADS	100	100	-
53310	M&R-GROUNDS/ROW	4,060	4,060	-
53325	M&R-GENERAL MAINTENANCE	48,960	48,960	-
53399	M&R-MISC EXPENSE	1,440	1,500	60
	Total Other Maintenance & Repairs	54,560	54,620	60
	SUBTOTAL OF M&R EXPENSES	87,720	87,780	60
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	88,826	93,276	4,450
	Total Administrative & General	88,826	93,276	4,450
	Capital Expenses			
55002	GBRA-OWNED CAPITAL EXPENSE	35,000	-	(35,000)
	Total Capital Expenses	35,000	-	(35,000)
	Capital Outlay			
13217	AUTO & HEAVY EQUIPMENT	-	75,000	75,000
	Total Capital Outlay	-	75,000	75,000
	TOTAL OPERATING AND M&R EXPENSES	1,276,938	1,502,157	225,219
	Net Operating Income	195,602	11,347	(184,255)
	Net Change in Fund Balance	195,602	11,347	(184,255)

Calhoun Canal - Capital Outlay Expense

Description	FY 2022
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Capital Outlay Funded From Current Revenues

Replacement Haul Truck with Heavy Duty Flat Bed	\$	75,000
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Total Calhoun Canal Capital Outlay Expense	\$	75,000
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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: 4,625,290,000 |
| • Startup Operation Date: January 2000 | • # of Current Employees: 9 |
| • Service Area: Hays County, TX | • Budgeted Revenue: \$2,562,377 |

Water Resource Division

San Marcos Water Treatment Plant

Operating Plan for Fiscal Year Ending 8/31/22

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 is 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 \$1,012,232 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 22, these pass through reimbursements are projected to total \$1,285,475. Revenue from other water customers is estimated to be \$1,063,270.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The total operating costs budgeted for FY 2022 is \$2,562,377. Significant costs within the budget include personnel costs at \$777,706, power and utilities at \$630,759, chemicals at \$528,939, and maintenance & repair expenses of \$402,500.

FUND BALANCE

The budget projects a fund balance of \$0.



Staffing Summary

San Marcos WTP	# of Authorized Positions (FTE)		
	2020	2021	2022
Plant Manager	1	1	1
Chief Operator	1	1	1
Operator	6	6	7
Total	8	8	9

Changes from FY 2020 to FY 2021

No staffing changes for this division.

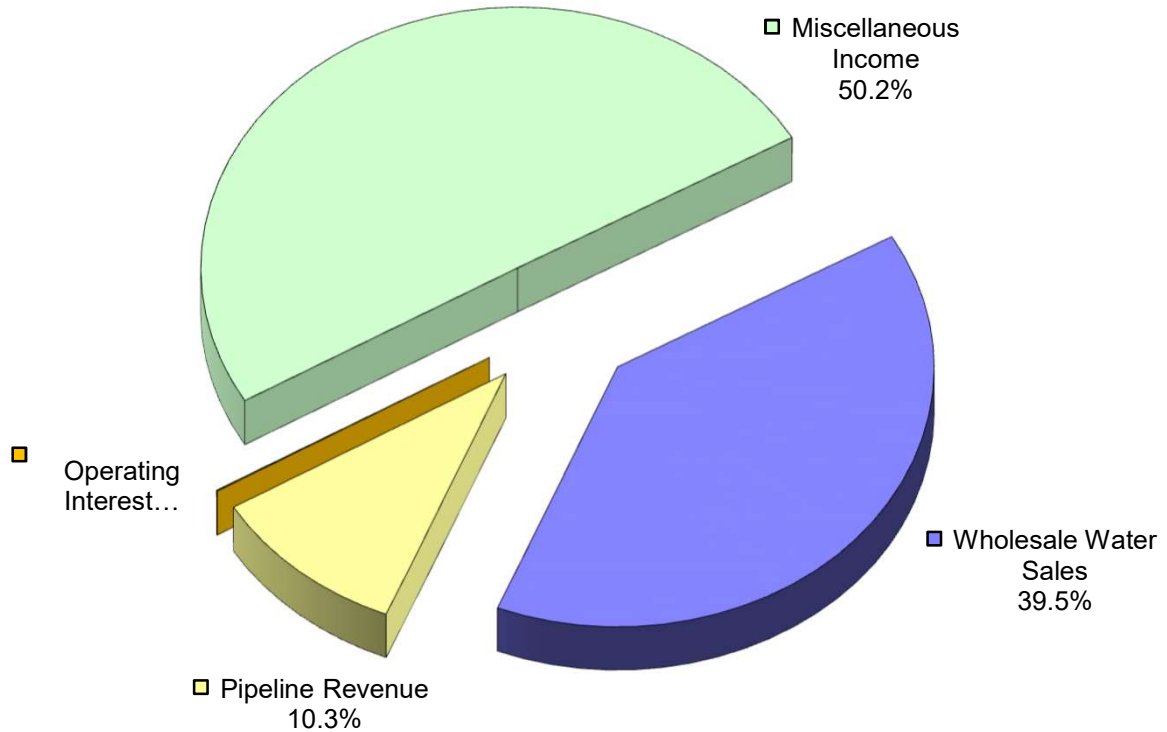
Changes from FY 2021 to FY 2022

1-Operator position was added for this division.



Budget Summary

REVENUES - SAN MARCOS WTP

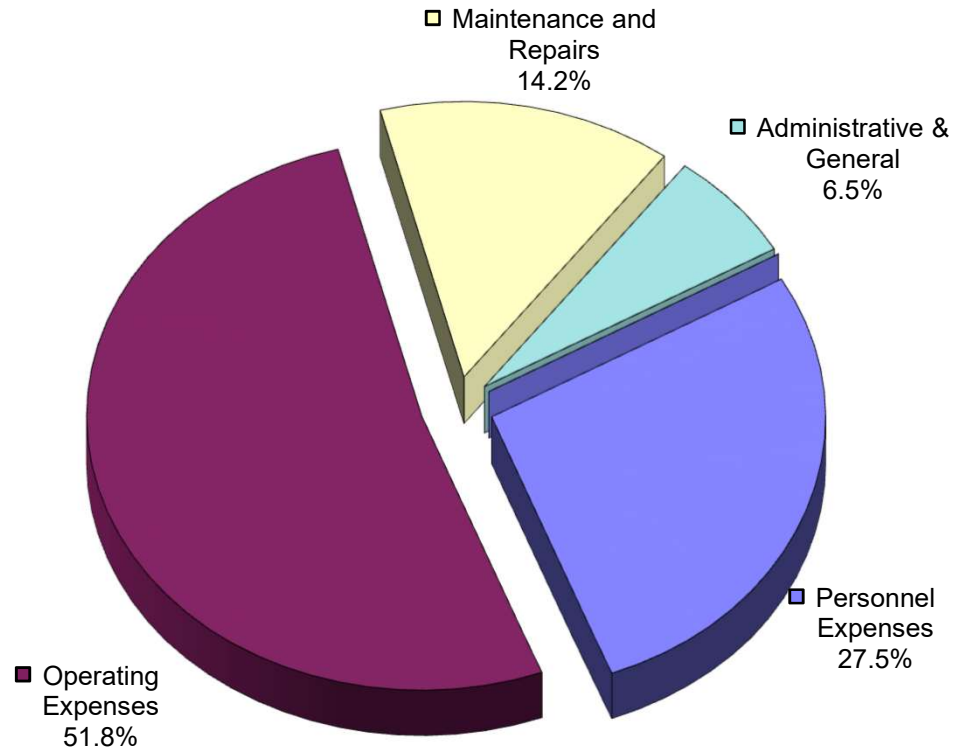


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales	986,212	996,096	1,012,232
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue	191,693	204,383	263,270
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest	14,569	1,500	1,400
Grant & Interlocal Agreement Income			
Miscellaneous Income	948,554	1,050,564	1,285,475
Total Operating Revenue	2,141,028	2,252,543	2,562,377
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	2,141,028	2,252,543	2,562,377



Budget Summary

EXPENSES - SAN MARCOS WTP



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	735,354	681,563	777,706
Operating Expenses	1,223,704	1,225,055	1,465,257
Maintenance and Repairs	522,386	360,000	402,500
Administrative & General	174,681	160,082	182,664
Capital Expense & Outlay			
Transfers		(174,157)	(265,750)
Total Operating and M&R Expenses	2,656,125	2,252,543	2,562,377
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	2,656,125	2,252,543	2,562,377

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**044 - San Marcos WTP
Department ***

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wholesale Water Treatment				
42201	ANNUAL SERVICE FEE INCOME	996,096	1,012,232	16,136
	Total Wholesale Water Treatment	996,096	1,012,232	16,136
Pipeline Revenue				
42570	O&M-SMWTP, COSM	(817,641)	(800,000)	17,641
42571	O&M-SMWTP, BUDA	133,349	159,682	26,333
42572	O&M-SMWTP, GOFORTH	352,422	365,260	12,838
42573	O&M-SMWTP, KYLE	445,766	447,491	1,725
42574	O&M-SMWTP, MONARCH	90,487	90,837	350
	Total Pipeline Revenue	204,383	263,270	58,887
Operating Interest				
44110	INT-OPR INVESTMENT FUNDS	1,500	1,400	(100)
	Total Operating Interest	1,500	1,400	(100)
Pass-Through Costs				
45240	PASS-THROUGH-ELECTRIC COSTS	396,664	444,860	48,196
45241	PASS-THROUGH-CHEMICAL COSTS	398,681	494,279	95,598
45242	PASS-THROUGH-GNDWTR ELECTRIC COSTS	119,448	200,500	81,052
45243	PASS-THROUGH-GNDWTR CHEMICAL COSTS	24,106	34,660	10,554
45244	PASS-THROUGH-INSURANCE	26,665	25,676	(989)
45245	PASS-THROUGH-LOC	10,000	10,500	500
45246	PASS-THROUGH-INSPECTION	75,000	75,000	-
	Total Pass-Through Costs	1,050,564	1,285,475	234,911
	Total Operating Revenue	<u>2,252,543</u>	<u>2,562,377</u>	<u>309,834</u>
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	440,448	497,820	57,372
51102	LBR-OVERTIME	44,650	55,707	11,057

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
	Total Salaries	485,098	553,527	68,429
	Benefits			
51298	BEN-BENEFIT ALLOCATION	196,465	224,179	27,714
	Total Benefits	196,465	224,179	27,714
	Operating Supplies & Services			
52101	OPR-POWER & UTILITIES	506,113	630,759	124,646
52102	OPR-AUXILIARY POWER EXPENSE	10,000	14,600	4,600
52103	OPR-CHEMICALS	422,787	528,939	106,152
52110	OPR-SMALL TOOLS AND SUPPLIES	8,000	5,000	(3,000)
52111	OPR-PUBLIC NOTICES AND COMMUNICATIONS	500	500	-
52113	OPR-LAB SUPPLIES	20,000	15,000	(5,000)
52114	OPR-LABORATORY SERVICES-GBRA	3,500	3,500	-
52115	OPR-LABORATORY SERVICES-OUTSOURCED	1,500	1,500	-
52118	OPR-DISPOSAL SERVICES	60,000	60,000	-
52120	OPR-UNIFORMS	5,200	5,400	200
52121	OPR-SAFTY & EMERGENCY EXPENSE	12,500	6,000	(6,500)
52125	OPR-VEHICLE EXPENSE	12,000	7,000	(5,000)
52126	OPR-FLEET LEASE EXPENSE	7,200	13,033	5,833
52133	OPR-SCADA	4,300	7,000	2,700
	Total Operating Supplies & Services	1,073,600	1,298,231	224,631
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	13,000	16,000	3,000
52217	OPR-INSPECTION FEES	75,000	75,000	-
52220	OPR-BANK FEES	10,000	10,500	500
52222	OPR-MEMBERSHIPS & PUBLICATIONS	1,500	1,500	-
52223	OPR-LICENSE & TRAINING	6,000	5,000	(1,000)
52224	OPR-TRAVEL & MEETINGS	2,000	3,000	1,000
	Total Professional Services and Fees	107,500	111,000	3,500
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	5,000	4,000	(1,000)
52302	OPR-COMPUTER & SOFTWARE EXPENSE	5,000	8,350	3,350
52303	OPR-WIDE AREA NETWORK EXPENSE	-	3,000	3,000
52305	OPR-POSTAGE AND FREIGHT EXPENSE	200	300	100
52306	OPR-COMMUNICATIONS	4,440	4,500	60
52322	OPR-MEDIA EXPENSE	500	-	(500)
52323	OPR-EMPLOYEE RELATIONS	150	1,200	1,050
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	-	5,000	5,000
	Total Office Expenses	15,290	26,350	11,060
	Other Operating Expenses			
	52420 OPR-INSURANCE EXPENSE	26,665	25,676	(989)

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52430	OPR-MISC EXPENSE	2,000	4,000	2,000
	Total Other Operating Expenses	28,665	29,676	1,011
	SUBTOTAL OF OPERATIONAL EXPENSES	1,906,618	2,242,963	336,345
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	45,000	30,000	(15,000)
53110	M&R-CONTROL SYSTEMS	160,000	40,000	(120,000)
53115	M&R-METERS	9,500	15,000	5,500
	Total Maintenance and Repair Equipment	214,500	85,000	(129,500)
	Structures			
53201	M&R-BUILDING	5,000	30,000	25,000
53202	M&R-CLEARWELLS	10,000	6,000	(4,000)
53205	M&R-PUMPS AND MOTORS	20,000	40,000	20,000
53216	M&R-PUMPSTATIONS	40,000	40,000	-
53220	M&R-CLARIFIERS	-	100,000	100,000
53230	M&R-PIPELINES	12,000	8,000	(4,000)
53238	M&R-FILTERS	12,000	10,000	(2,000)
	Total Structures	99,000	234,000	135,000
	Other Maintenance & Repairs			
53301	M&R-ROADS	2,500	2,500	-
53310	M&R-GROUNDS/ROW	24,000	26,000	2,000
53320	M&R-PONDS AND LAGOONS	10,000	10,000	-
53325	M&R-GENERAL MAINTENANCE	8,000	40,000	32,000
53399	M&R-MISC EXPENSE	2,000	5,000	3,000
	Total Other Maintenance & Repairs	46,500	83,500	37,000
	SUBTOTAL OF M&R EXPENSES	360,000	402,500	42,500
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	160,082	182,664	22,582
	Total Administrative & General	160,082	182,664	22,582
	Transfers			
61515	TRANSFERS-RESERVE FUND	(174,157)	(265,750)	(91,593)
	Total Transfers	(174,157)	(265,750)	(91,593)
	TOTAL OPERATING AND M&R EXPENSES	2,252,543	2,562,377	309,834
	Net Operating Income	-	-	-
	Net Change in Fund Balance	-	-	-



Buda WWTP

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

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

-
- | | |
|--|---------------------------------|
| • Service Provided: Wastewater treatment | • Capacity: 1.5 MGD |
| • Location: Buda, TX | • # of Current Employees: 3 |
| • Startup Operation Date: 2001 | • Budgeted Revenue: \$1,073,964 |
| • Customer: City of Buda | |

Water Resource Division

Buda Wastewater Treatment Plant System

Operating Plan for Fiscal Year Ending 8/31/22

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 1.5 MGD and is being expanded to a capacity to 3.5 MGD.

The System 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 466 million gallons per year or 1.277 million gallons per day (MGD) and is based upon a 12-month fiscal year beginning September 1, 2021 and ending August 31, 2022. The budgeted FY 2022 revenue for the Buda Division is \$1,073,964, which is \$124,585 or 13.1% more than last year's budget.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The combined capital additions and operating expenditure budget for FY 2022 amounts to \$1,073,964. Major expenses include power and utility costs of \$175,000, biosolids disposal costs of \$140,000, and chemical costs of \$94,200. Also, laboratory testing and supplies are estimated at \$44,700.

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

FUND BALANCE

Funds for the above listed capital additions and maintenance projects as well as all of the other operating expenditures summarized in the following pages will be provided from revenues from the City of Buda. Since this system represents a contract operation in which GBRA does not over-recover nor under-recover its costs, the net change in fund balance for FY 2022 is \$0.



Staffing Summary

Buda WWTP	# of Authorized Positions (FTE)		
	2020	2021	2022
Operator	2	2	3
Total	2	2	3

Changes from FY 2020 to FY 2021

No staffing changes for this division.

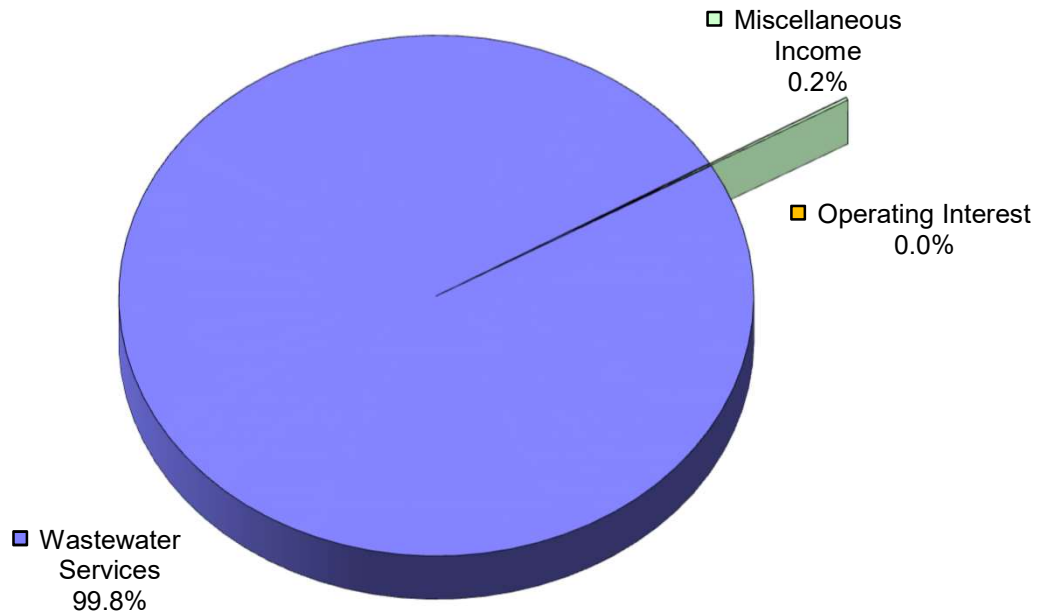
Changes from FY 2021 to FY 2022

1-Operator position was added for this division.



Budget Summary

REVENUES - BUDA WWTP

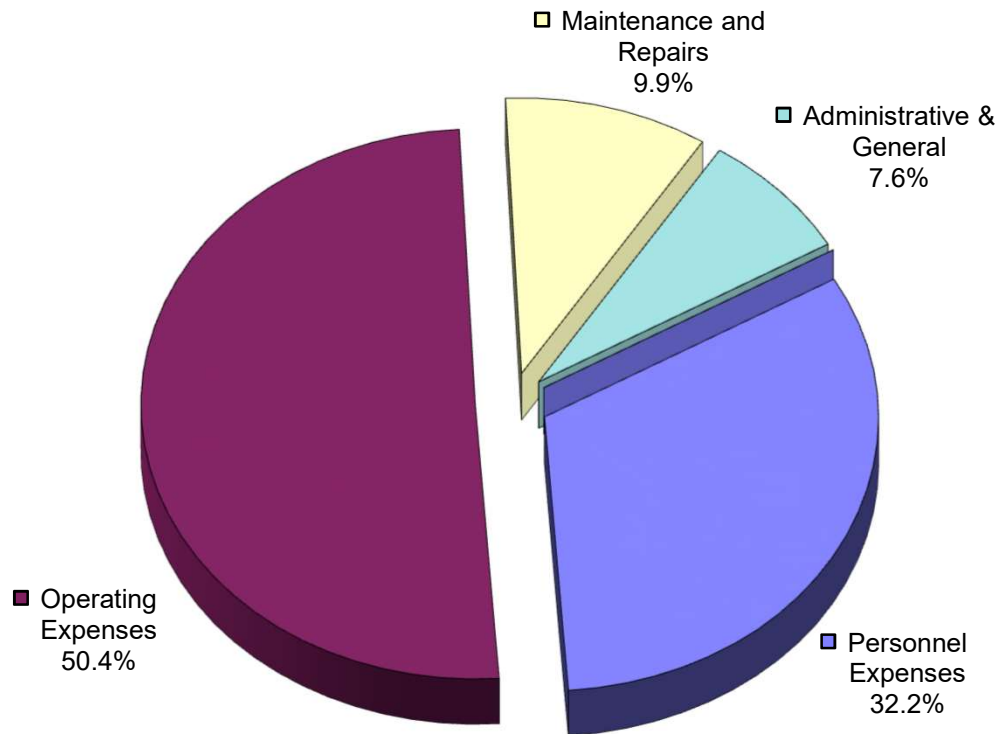


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services	929,652	947,534	1,072,129
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest		45	35
Grant & Interlocal Agreement Income			
Miscellaneous Income		1,800	1,800
Total Operating Revenue	929,652	949,379	1,073,964
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	929,652	949,379	1,073,964



Budget Summary

EXPENSES - BUDA WWTP



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	288,302	276,942	345,747
Operating Expenses	488,199	474,390	541,009
Maintenance and Repairs	86,204	103,000	106,000
Administrative & General	66,947	65,047	81,208
Capital Expense & Outlay		30,000	
Transfers			
Total Operating and M&R Expenses	929,652	949,379	1,073,964
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	929,652	949,379	1,073,964

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**045 - Buda WWTP
Department ***

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wastewater Treatment				
41201	WW-OPR & MAINTENANCE	884,287	992,721	108,434
41202	WW-ADMINISTRATIVE & GENERAL	65,047	81,208	16,161
41207	WW-CREDIT TO CUSTOMER	(1,800)	(1,800)	-
	Total Wastewater Treatment	947,534	1,072,129	124,595
Internal Transfers				
43002	REV-BUILDING/EQUIP RENTAL	1,800	1,800	-
	Total Internal Transfers	1,800	1,800	-
Operating Interest				
44110	INT-OPR INVESTMENT FUNDS	45	35	(10)
	Total Operating Interest	45	35	(10)
	Total Operating Revenue	949,379	1,073,964	124,585
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	186,399	234,300	47,901
51102	LBR-OVERTIME	10,713	11,783	1,070
	Total Salaries	197,112	246,083	48,971
Benefits				
51298	BEN-BENEFIT ALLOCATION	79,830	99,664	19,834
	Total Benefits	79,830	99,664	19,834
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	145,000	175,000	30,000
52102	OPR-AUXILIARY POWER EXPENSE	6,700	7,000	300
52103	OPR-CHEMICALS	92,700	94,200	1,500
52110	OPR-SMALL TOOLS AND SUPPLIES	1,000	1,000	-
52113	OPR-LAB SUPPLIES	9,500	10,000	500

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52114 OPR-LABORATORY SERVICES-GBRA	29,500	29,500	-
52115 OPR-LABORATORY SERVICES-OUTSOURCED	5,000	5,200	200
52118 OPR-DISPOSAL SERVICES	131,000	140,000	9,000
52120 OPR-UNIFORMS	2,000	2,500	500
52121 OPR-SAFTY & EMERGENCY EXPENSE	4,000	4,000	-
52124 OPR-EQUIPMENT EXPENSE	2,600	2,600	-
52125 OPR-VEHICLE EXPENSE	2,500	2,500	-
52126 OPR-FLEET LEASE EXPENSE	1,200	1,200	-
52133 OPR-SCADA	4,300	21,500	17,200
Total Operating Supplies & Services	437,000	496,200	59,200
Professional Services and Fees			
52205 OPR-PROFESSIONAL SERVICES-OTHER	6,500	8,000	1,500
52217 OPR-INSPECTION FEES	9,400	9,400	-
52222 OPR-MEMBERSHIPS & PUBLICATIONS	480	500	20
52223 OPR-LICENSE & TRAINING	2,100	2,100	-
52224 OPR-TRAVEL & MEETINGS	2,000	3,000	1,000
Total Professional Services and Fees	20,480	23,000	2,520
Office Expenses			
52301 OPR-OFFICE SUPPLIES	1,500	1,200	(300)
52302 OPR-COMPUTER & SOFTWARE EXPENSE	4,250	5,350	1,100
52303 OPR-WIDE AREA NETWORK EXPENSE	-	3,000	3,000
52306 OPR-COMMUNICATIONS	6,000	6,000	-
52331 OPR-JANITORIAL SUPPLIES AND SERVICE	-	2,000	2,000
Total Office Expenses	11,750	17,550	5,800
Other Operating Expenses			
52420 OPR-INSURANCE EXPENSE	4,560	3,659	(901)
52430 OPR-MISC EXPENSE	600	600	-
Total Other Operating Expenses	5,160	4,259	(901)
SUBTOTAL OF OPERATIONAL EXPENSES	751,332	886,756	135,424
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	13,000	16,000	3,000
53110 M&R-CONTROL SYSTEMS	12,000	12,000	-
53115 M&R-METERS	10,000	10,000	-
Total Maintenance and Repair Equipment	35,000	38,000	3,000
Structures			
53201 M&R-BUILDING	1,000	1,000	-
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	16,000	-

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
53238	M&R-FILTERS	<u>3,000</u>	<u>3,000</u>	<u>-</u>
	Total Structures	<u>64,000</u>	<u>64,000</u>	<u>-</u>
	Other Maintenance & Repairs			
53310	M&R-GROUNDS/ROW	<u>4,000</u>	<u>4,000</u>	<u>-</u>
	Total Other Maintenance & Repairs	<u>4,000</u>	<u>4,000</u>	<u>-</u>
	SUBTOTAL OF M&R EXPENSES	<u>103,000</u>	<u>106,000</u>	<u>3,000</u>
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	<u>65,047</u>	<u>81,208</u>	<u>16,161</u>
	Total Administrative & General	<u>65,047</u>	<u>81,208</u>	<u>16,161</u>
	Capital Expenses			
55001	CUSTOMER-OWNED CAPITAL EXPENSE	<u>30,000</u>	<u>-</u>	<u>(30,000)</u>
	Total Capital Expenses	<u>30,000</u>	<u>-</u>	<u>(30,000)</u>
	TOTAL OPERATING AND M&R EXPENSES	<u>949,379</u>	<u>1,073,964</u>	<u>124,585</u>
	Net Operating Income	<u>-</u>	<u>-</u>	<u>-</u>
	Net Change in Fund Balance	<u>-</u>	<u>-</u>	<u>-</u>



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 in San Marcos 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.

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

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

Water Resources Division Carrizo Groundwater Supply Operating Plan for Fiscal Year Ending 8/31/22

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 15,000 acre-feet per year of water supply. 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, which is planned for FY 2023.

REVENUE SOURCES AND TRENDS

Revenue consists of payments by the three 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 for annual lease payments, ground water district fees, and personnel costs associated with construction inspection activities.

FUND BALANCE

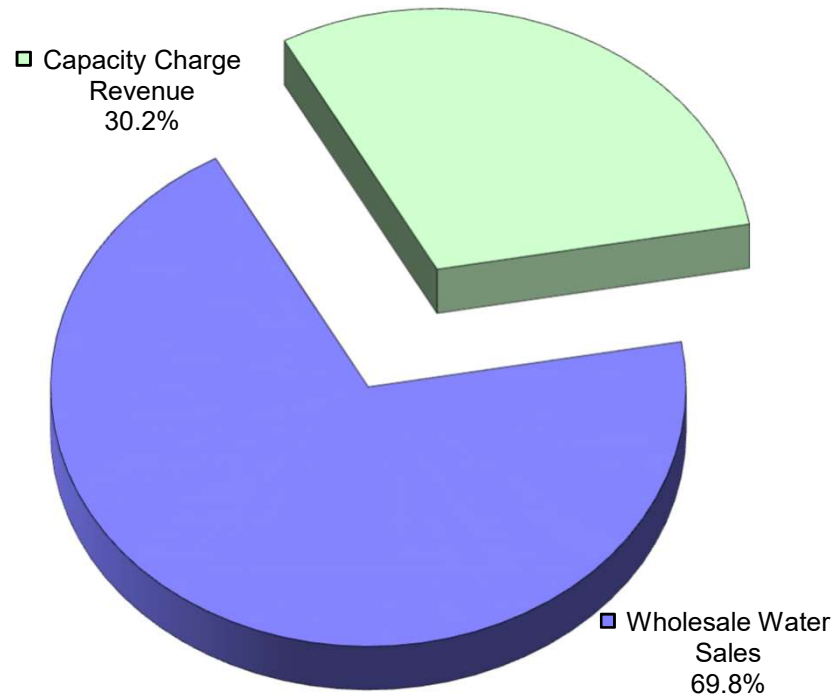
Funds for the above listed operations will be covered by revenues from customer billings.

A net increase in the fund balance of \$49,897 is anticipated due to the timing of receipt of funds and payment of expenses.



Budget Summary

REVENUES - CARRIZO GROUNTWATER SYSTEM

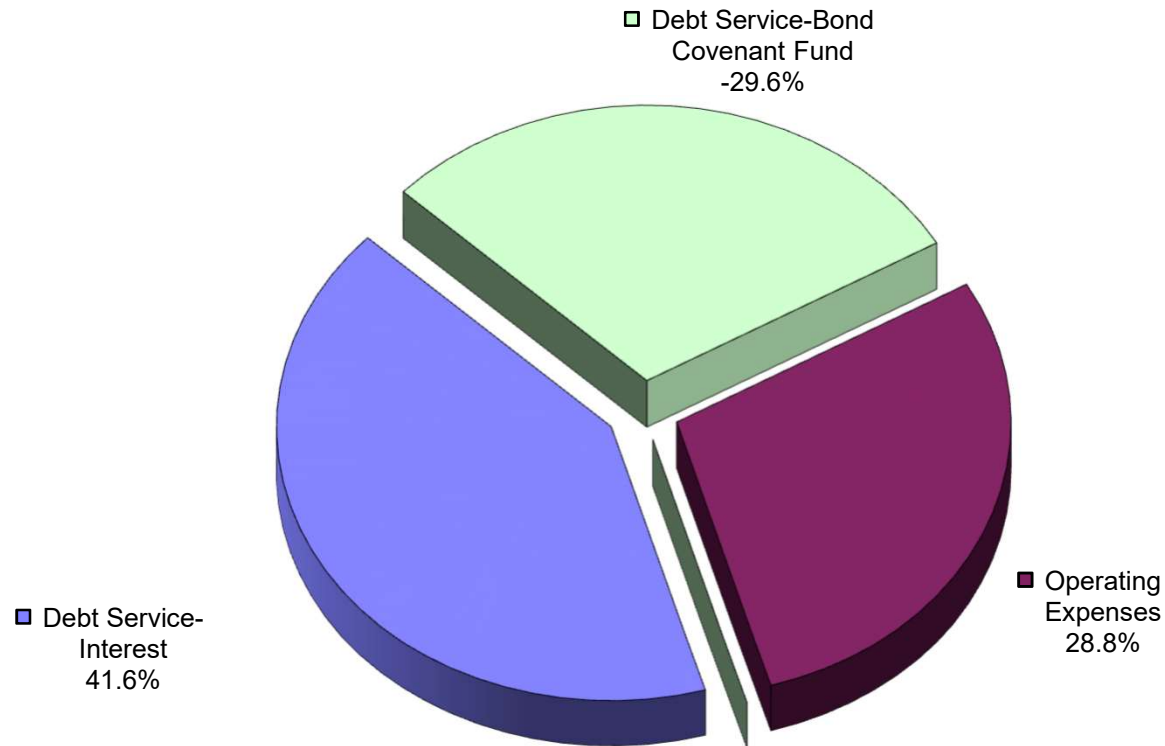


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales	1,780,000	1,095,000	1,230,000
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest	322,373		
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	2,102,373	1,095,000	1,230,000
Capacity Charge Revenue	13,259	172,359	532,319
I/F Loan Repayments from Operations			
Grand Total Revenues	2,115,632	1,267,359	1,762,319



Budget Summary

EXPENSES - CARRIZO GROUNDWATER SYSTEM



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses			99,853
Operating Expenses	1,114,107	1,036,772	1,105,188
Maintenance and Repairs			23,453
Administrative & General			
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	1,114,107	1,036,772	1,228,494
Debt Service-Principal			26,667
Debt Service-Interest	150,469	732,849	1,594,978
Debt Service-Bond Covenant Fund		(576,159)	(1,137,717)
Grand Total Expenses	1,264,576	1,193,462	1,712,422

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**047 - Carrizo Groundwater System
Department ***

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Wholesale Raw Water Sales			
42151 CARRIZO-NEW BRAUNFELS UTILITES	584,000	656,000	72,000
42152 CARRIZO-CITY OF LOCKHART	219,000	246,000	27,000
42153 CARRIZO-GOFORTH SUD	292,000	328,000	36,000
Total Wholesale Raw Water Sales	1,095,000	1,230,000	135,000
Total Operating Revenue	1,095,000	1,230,000	135,000
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	-	61,800	61,800
51102 LBR-OVERTIME	-	9,270	9,270
Total Salaries	-	71,070	71,070
Benefits			
51298 BEN-BENEFIT ALLOCATION	-	28,783	28,783
Total Benefits	-	28,783	28,783
Operating Supplies & Services			
52126 OPR-FLEET LEASE EXPENSE	-	6,000	6,000
Total Operating Supplies & Services	-	6,000	6,000
Professional Services and Fees			
52205 OPR-PROFESSIONAL SERVICES-OTHER	-	5,600	5,600
52212 OPR-CARRIZO LEASE PAYMENTS	896,200	923,050	26,850
52213 OPR-GROUNDWATER DISTRICT FEES	139,672	150,788	11,116
52216 OPR-REGULATORY FEES	-	17,950	17,950
52220 OPR-BANK FEES	900	1,800	900
Total Professional Services and Fees	1,036,772	1,099,188	62,416

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
	SUBTOTAL OF OPERATIONAL EXPENSES	1,036,772	1,205,041	168,269
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	-	23,453	23,453
	Total Administrative & General	-	23,453	23,453
	TOTAL OPERATING AND M&R EXPENSES	1,036,772	1,228,494	191,722
	Net Operating Income	58,228	1,506	(56,722)
DEBT SERVICE BUDGET				
	Capacity Charge Revenue			
42695	DEBT SERV-CARRIZO, NBU	94,537	290,063	195,526
42696	DEBT SERV-CARRIZO, GOFORTH	42,153	133,518	91,365
42697	DEBT SERV-CARRIZO, LOCKHART	35,669	108,738	73,069
	Total Capacity Charge Revenue	172,359	532,319	359,960
	Total Debt Revenue	172,359	532,319	359,960
	Principal Payments Expense			
21214	BOND-2018B TWDB CARRIZO GRNDWTR	-	26,667	26,667
	Total Principal Payments Expense	-	26,667	26,667
	Interest Expense			
57215	INT-2018/19/20/21 CARRIZO GROUNDWATER, TWDB	732,849	1,594,978	862,129
	Total Interest Expense	732,849	1,594,978	862,129
	Transfers			
61550	TRANSFERS-RESTRICTED/BOND COVENANT FUND	(576,159)	(1,137,717)	(561,558)
	Total TRANSFERS-RESTRICTED/BOND COVENANT FUND	(576,159)	(1,137,717)	(561,558)
	Total Debt Expense	156,690	483,928	327,238
	Net Change in Debt Service Budget	15,669	48,391	32,722
	Net Change in Fund Balance	73,897	49,897	(24,000)



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 | • Capacity: 10 MGD |
| • Location: Canyon Lake, TX | • # of Current Employees: 16 |
| • Startup Operation Date: 2006 | • Budgeted Operating Revenue: \$4,557,707 |
| • Service Area: Comal & Kendall Co, TX | |

Western Canyon Division

Western Canyon Water Treatment Plant System

Operating Plan for Fiscal Year Ending 8/31/22

BACKGROUND

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

REVENUE SOURCES AND TRENDS

Revenues are obtained through monthly water service fees to the wholesale customers. The proposed rate charged to the customers in FY 2022 is \$1.247 per thousand gallons.

CAPITAL ADDITIONS AND OPERATING EXPENSES

The principal operating expenditures budgeted for FY 2022 includes total power costs of \$1,484,000. 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 \$335,000, for chlorine use for disinfection, membrane cleaning chemicals, including sodium hydroxide, citric acid and sodium hypochlorite, and the water treatment coagulant aluminum chlorohydrate. Also included are sludge disposal and chemical cleaning (CIP) water disposal costs totaling \$225,000. Maintenance and repairs costs of \$385,000 are also included in the budget.

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

There are no capital additions included in the FY 2022 budget.

FUND BALANCE

Funds for the above listed capital additions in addition to all of the other operating expenditures that are summarized in the following pages will be provided from revenues from customer billings. In the upcoming FY 2022, the fund balance is expected to be \$6,662.

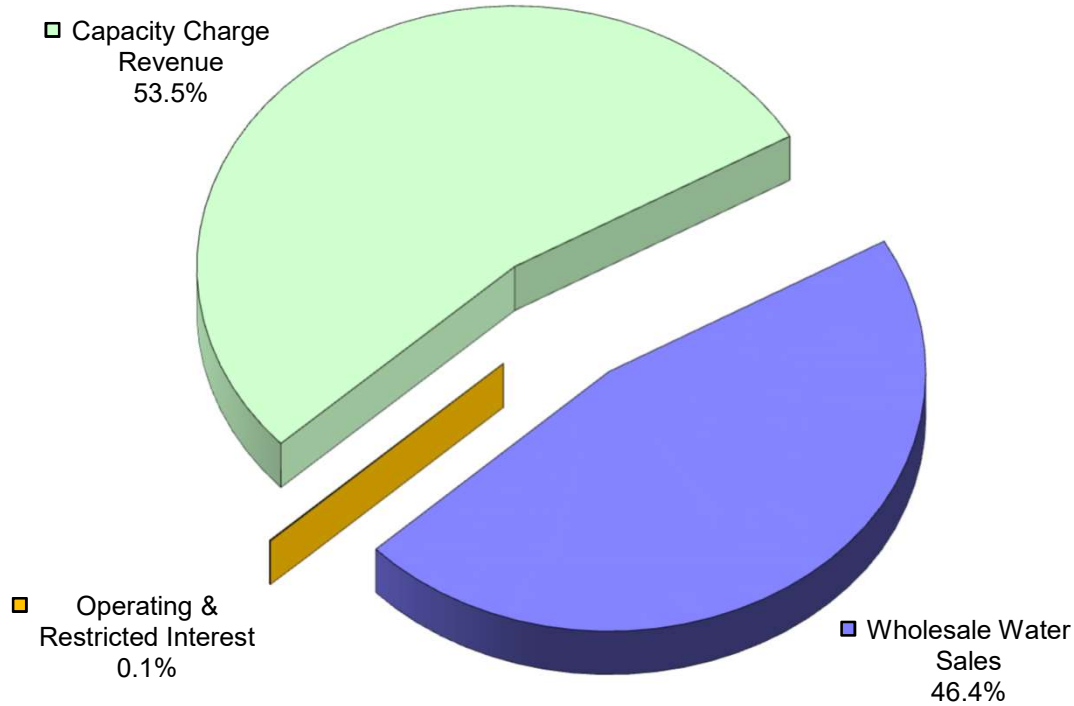
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These employees are based in the Western Canyon WTP system and are shared between the Canyon Park WWTP, 4S Ranch WWRS, Cordillera WDS, Cordillera WWTP, Comal Trace WDS, Johnson Ranch WDS, Johnson Ranch WWTP, Bulverde Singing Hills WWRS, Park Village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



Budget Summary

REVENUES - WESTERN CANYON WTP

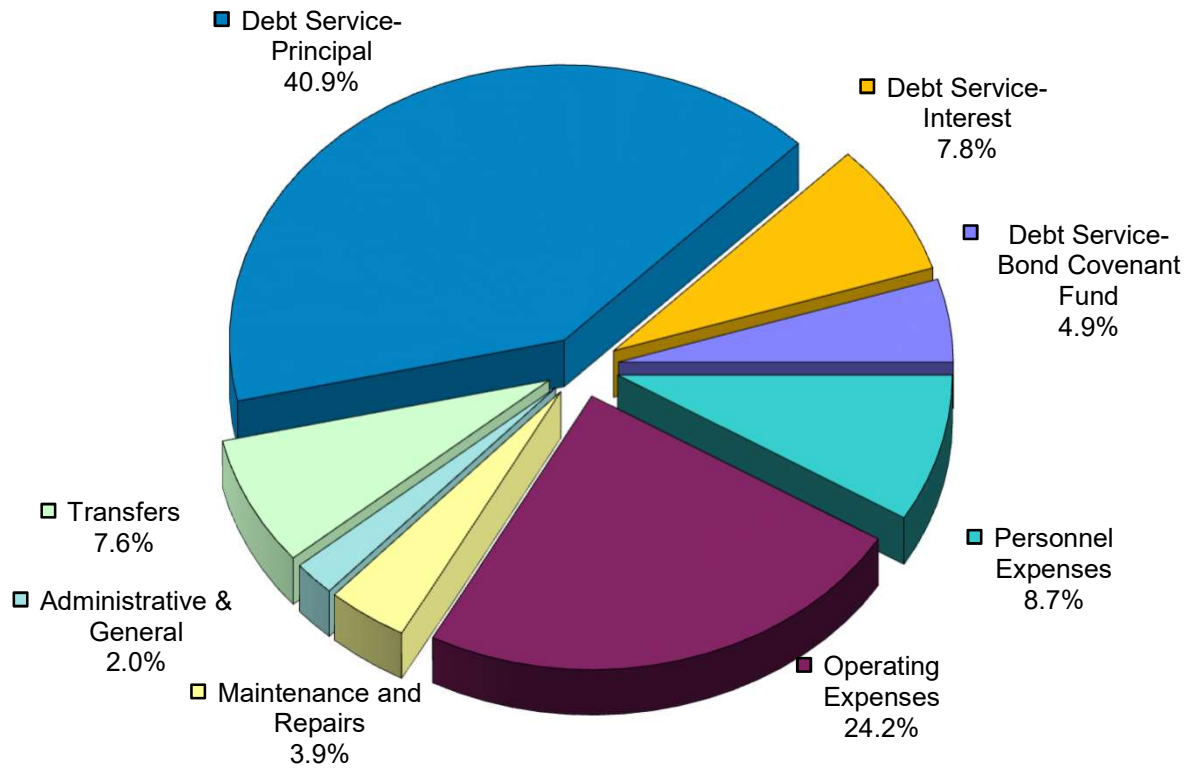


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales	3,729,342	3,973,392	4,552,707
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest	25,057	1,500	5,000
Grant & Interlocal Agreement Income			
Miscellaneous Income	8,056		
Total Operating Revenue	3,762,455	3,974,892	4,557,707
Capacity Charge Revenue	262,358	263,537	5,248,544
I/F Loan Repayments from Operations			
Grand Total Revenues	4,024,813	4,238,429	9,806,251



Budget Summary

EXPENSES - WESTERN CANYON WTP



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	918,206	746,213	850,279
Operating Expenses	2,083,525	2,193,029	2,371,940
Maintenance and Repairs	313,671	414,000	385,000
Administrative & General	212,720	175,267	199,710
Capital Expense & Outlay	23,165		
Transfers		472,345	745,778
Total Operating and M&R Expenses	3,551,287	4,000,854	4,552,707
Debt Service-Principal	105,000	110,000	4,006,250
Debt Service-Interest	130,919	127,575	763,643
Debt Service-Bond Covenant Fund			476,989
Grand Total Expenses	3,787,206	4,238,429	9,799,589

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**050 - Western Canyon WTP
Department ***

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wholesale Water Treatment				
42230	WCANYON WTP O&M	3,973,392	4,552,707	579,315
	Total Wholesale Water Treatment	3,973,392	4,552,707	579,315
Operating Interest				
44110	INT-OPR INVESTMENT FUNDS	1,500	5,000	3,500
	Total Operating Interest	1,500	5,000	3,500
	Total Operating Revenue	3,974,892	4,557,707	582,815
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	425,568	481,631	56,063
51102	LBR-OVERTIME	105,545	123,550	18,005
	Total Salaries	531,113	605,181	74,068
Benefits				
51298	BEN-BENEFIT ALLOCATION	215,100	245,098	29,998
	Total Benefits	215,100	245,098	29,998
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	1,270,000	1,484,000	214,000
52102	OPR-AUXILIARY POWER EXPENSE	2,365	3,100	735
52103	OPR-CHEMICALS	335,000	335,000	-
52110	OPR-SMALL TOOLS AND SUPPLIES	13,000	13,000	-
52113	OPR-LAB SUPPLIES	7,000	7,000	-
52114	OPR-LABORATORY SERVICES-GBRA	4,000	4,000	-
52115	OPR-LABORATORY SERVICES-OUTSOURCED	1,000	1,000	-
52118	OPR-DISPOSAL SERVICES	300,000	225,000	(75,000)
52120	OPR-UNIFORMS	5,000	6,000	1,000
52121	OPR-SAFETY & EMERGENCY EXPENSE	7,000	7,000	-
52122	OPR-SECURITY EXPENSE	5,000	5,000	-

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52123	OPR-EQUIPMENT RENTAL	2,000	4,600	2,600
52124	OPR-EQUIPMENT EXPENSE	5,000	5,000	-
52125	OPR-VEHICLE EXPENSE	30,000	30,000	-
52126	OPR-FLEET LEASE EXPENSE	5,485	8,073	2,588
52133	OPR-SCADA	8,300	45,500	37,200
52145	OPR-CONTRACT LABOR	10,000	10,000	-
	Total Operating Supplies & Services	2,010,150	2,193,273	183,123
	Professional Services and Fees			
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	30,000	-	(30,000)
52205	OPR-PROFESSIONAL SERVICES-OTHER	66,849	68,600	1,751
52216	OPR-REGULATORY FEES	-	125	125
52217	OPR-INSPECTION FEES	125	125	-
52223	OPR-LICENSE & TRAINING	7,000	7,000	-
52224	OPR-TRAVEL & MEETINGS	6,000	7,648	1,648
	Total Professional Services and Fees	109,974	83,498	(26,476)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	6,500	6,500	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	7,300	14,750	7,450
52303	OPR-WIDE AREA NETWORK EXPENSE	-	3,000	3,000
52305	OPR-POSTAGE AND FREIGHT EXPENSE	500	500	-
52306	OPR-COMMUNICATIONS	12,000	14,700	2,700
52322	OPR-MEDIA EXPENSE	500	-	(500)
	Total Office Expenses	26,800	39,450	12,650
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	46,105	55,719	9,614
	Total Other Operating Expenses	46,105	55,719	9,614
	SUBTOTAL OF OPERATIONAL EXPENSES	2,939,242	3,222,219	282,977
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	103,500	103,500	-
53115	M&R-METERS	50,000	15,000	(35,000)
	Total Maintenance and Repair Equipment	153,500	118,500	(35,000)
	Structures			
53201	M&R-BUILDING	61,000	16,000	(45,000)
53202	M&R-CLEARWELLS	1,000	2,000	1,000
53205	M&R-PUMPS AND MOTORS	-	26,000	26,000
53216	M&R-PUMPSTATIONS	145,000	145,000	-
53235	M&R-TRANSMISSION LINES	20,000	40,000	20,000
	Total Structures	227,000	229,000	2,000

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
	Other Maintenance & Repairs			
53301	M&R-ROADS	5,000	5,000	-
53310	M&R-GROUNDS/ROW	22,500	22,500	-
53320	M&R-PONDS AND LAGOONS	6,000	10,000	4,000
	Total Other Maintenance & Repairs	33,500	37,500	4,000
	SUBTOTAL OF M&R EXPENSES	414,000	385,000	(29,000)
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	175,267	199,710	24,443
	Total Administrative & General	175,267	199,710	24,443
	Transfers			
61505	TRANSFERS-DESIGNATED PROJECT FUND	472,345	745,778	273,433
	Total Transfers	472,345	745,778	273,433
	TOTAL OPERATING AND M&R EXPENSES	4,000,854	4,552,707	551,853
	Net Operating Income	(25,962)	5,000	30,962

DEBT SERVICE BUDGET

	Capacity Charge Revenue			
42680	DEBT SERV-2020 WCANYON COMB, BOERNE	30,589	749,792	719,203
42681	DEBT SERV-2020 WCANYON COMB, BREMER	471	9,372	8,901
42682	DEBT SERV-2020 WCANYON COMB, CLWSC-BULVERI	16,989	338,343	321,354
42683	DEBT SERV-2020 WCANYON COMB, COMAL TRACE	1,765	58,578	56,813
42684	DEBT SERV-2020 WCANYON COMB, COUSER	471	9,372	8,901
42685	DEBT SERV-2020 WCANYON COMB, FAIR OAKS	22,871	441,440	418,569
42686	DEBT SERV-2020 WCANYON COMB, GBRA CORDILLEI	10,000	246,026	236,026
42687	DEBT SERV-2020 WCANYON COMB, JOHNSON RANC	7,059	140,586	133,527
42688	DEBT SERV-2020 WCANYON COMB, KENDALL WEST	4,706	93,724	89,018
42689	DEBT SERV-2020 WCANYON COMB, MIRALOMAS	5,294	105,440	100,146
42690	DEBT SERV-2020 WCANYON COMB, SAWS	163,322	3,055,871	2,892,549
	Total Capacity Charge Revenue	263,537	5,248,544	4,985,007
	Total Debt Revenue	263,537	5,248,544	4,985,007
	Principal Payments Expense			
21212	BOND-2020 WCANYON REFUND BONDS	110,000	4,006,250	3,896,250
	Total Principal Payments Expense	110,000	4,006,250	3,896,250

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
	Interest Expense			
57214	INT-2020 WCANYON REFUND BONDS	<u>127,575</u>	<u>763,643</u>	<u>636,068</u>
	Total Interest Expense	<u>127,575</u>	<u>763,643</u>	<u>636,068</u>
	Transfers			
61550	TRANSFERS-RESTRICTED/BOND COVENANT FUND	<u>-</u>	<u>476,989</u>	<u>476,989</u>
	Total TRANSFERS-RESTRICTED/BOND COVENANT FUND	<u>-</u>	<u>476,989</u>	<u>476,989</u>
	Total Debt Expense	<u>237,575</u>	<u>5,246,882</u>	<u>5,009,307</u>
	Net Change in Debt Service Budget	<u>25,962</u>	<u>1,662</u>	<u>(24,300)</u>
	Net Change in Fund Balance	<u>-</u>	<u>6,662</u>	<u>6,662</u>



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4S Ranch WWSR

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

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

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- | | |
|---|---|
| <ul style="list-style-type: none">• Service Provided: Wastewater collection and treatment• Location: Bulverde, TX• Startup Operation Date: 2019 | <ul style="list-style-type: none">• Service Area: Comal Co., TX• Capacity: 0.060 MGD• Budgeted Revenue: \$434,490 |
|---|---|

Western Canyon Division

Four S Ranch Wastewater Reclamation System

Operating Plan for Fiscal Year Ending 8/31/22

BACKGROUND

GBRA is responsible for providing operational and inspection services for the Four S Ranch Wastewater Reclamation System that will be completed by the beginning of FY 2022. The Four S Ranch Wastewater Reclamation System will consist of retail wastewater collection, a wastewater treatment plant and a reuse water system.

REVENUE SOURCES AND TRENDS

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

The budgeted FY 2022 service revenue for the Four S Ranch Wastewater System is \$434,490.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The combined capital additions and operating expenditure budget for FY 2022 amounts to \$434,490. Other than personnel costs, significant operating and maintenance expenses for FY 2022 include \$20,000 for power and utilities, \$24,000 for laboratory services and supplies, \$20,000 for biosolids disposal services, \$19,676 for rental of mobile press, hydro jetter and line video camera, and \$40,000 for chemicals.

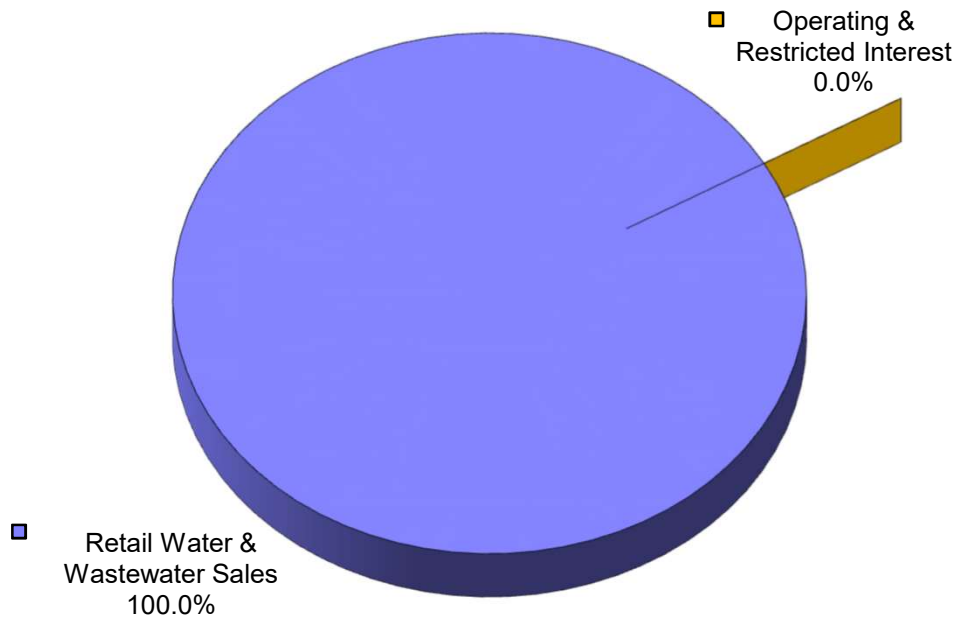
FUND BALANCE

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



Budget Summary

REVENUES - 4S RANCH WWRS

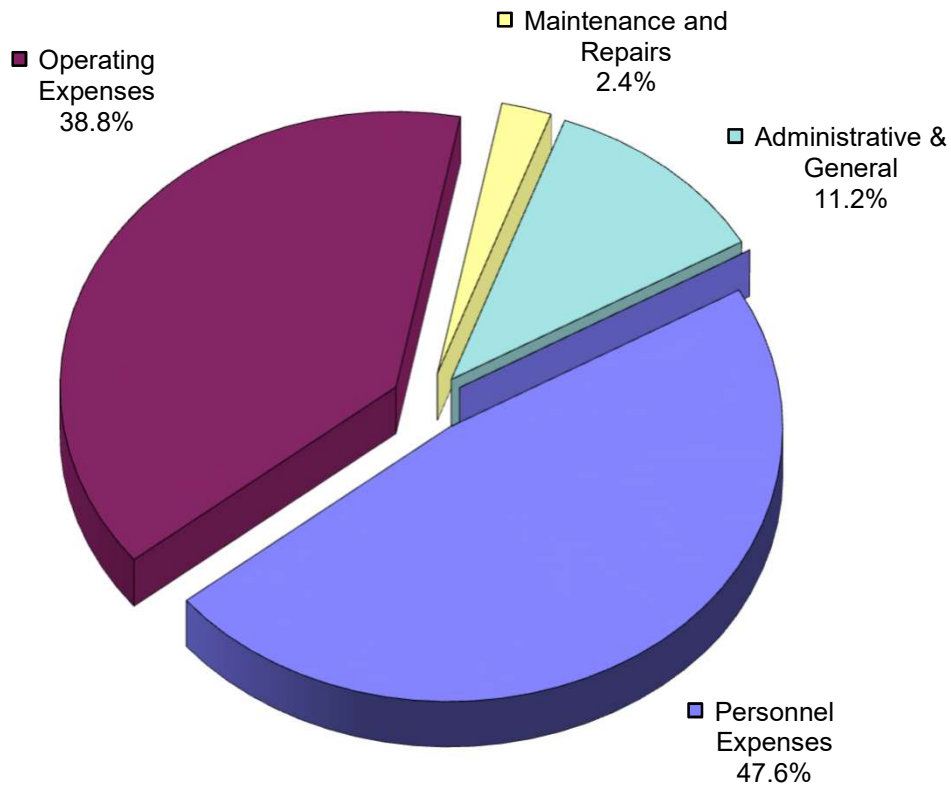


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	160,844	285,000	434,490
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest	892		
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	161,736	285,000	434,490
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	161,736	285,000	434,490



Budget Summary

EXPENSES - 4S RANCH WWRS



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	101,223	124,007	206,658
Operating Expenses	36,207	121,367	168,793
Maintenance and Repairs	531	10,500	10,500
Administrative & General	23,775	29,126	48,539
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	161,736	285,000	434,490
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	161,736	285,000	434,490

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

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

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Retail Wastewater			
42401 WASTEWATER SERVICES	202,500	287,990	85,490
42402 SEWER CONNECTION/INSP FEES	82,500	137,500	55,000
42405 TRANSFER FEES	-	9,000	9,000
Total Retail Wastewater	285,000	434,490	149,490
Total Operating Revenue	285,000	434,490	149,490
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	74,848	123,600	48,752
51102 LBR-OVERTIME	13,413	23,487	10,074
Total Salaries	88,261	147,087	58,826
Benefits			
51298 BEN-BENEFIT ALLOCATION	35,746	59,571	23,825
Total Benefits	35,746	59,571	23,825
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	20,000	20,000	-
52102 OPR-AUXILIARY POWER EXPENSE	800	800	-
52103 OPR-CHEMICALS	20,000	40,000	20,000
52110 OPR-SMALL TOOLS AND SUPPLIES	1,800	2,000	200
52113 OPR-LAB SUPPLIES	5,000	5,000	-
52114 OPR-LABORATORY SERVICES-GBRA	19,000	19,000	-
52118 OPR-DISPOSAL SERVICES	15,000	20,000	5,000
52120 OPR-UNIFORMS	1,000	1,000	-
52121 OPR-SAFETY & EMERGENCY EXPENSE	1,000	3,000	2,000
52123 OPR-EQUIPMENT RENTAL	14,520	19,676	5,156
52125 OPR-VEHICLE EXPENSE	4,000	4,000	-
52126 OPR-FLEET LEASE EXPENSE	2,465	4,645	2,180
52133 OPR-SCADA	4,300	1,500	(2,800)

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
Total Operating Supplies & Services	108,885	140,621	31,736
Professional Services and Fees			
52217 OPR-INSPECTION FEES	1,500	1,500	-
52222 OPR-MEMBERSHIPS & PUBLICATIONS	500	500	-
52223 OPR-LICENSE & TRAINING	1,200	2,000	800
52224 OPR-TRAVEL & MEETINGS	1,000	12,000	11,000
Total Professional Services and Fees	4,200	16,000	11,800
Office Expenses			
52301 OPR-OFFICE SUPPLIES	1,000	1,000	-
52302 OPR-COMPUTER & SOFTWARE EXPENSE	1,500	2,600	1,100
52303 OPR-WIDE AREA NETWORK EXPENSE	-	3,000	3,000
52305 OPR-POSTAGE AND FREIGHT EXPENSE	1,000	1,000	-
52306 OPR-COMMUNICATIONS	1,200	1,200	-
Total Office Expenses	4,700	8,800	4,100
Other Operating Expenses			
52420 OPR-INSURANCE EXPENSE	2,582	2,372	(210)
52430 OPR-MISC EXPENSE	1,000	1,000	-
Total Other Operating Expenses	3,582	3,372	(210)
SUBTOTAL OF OPERATIONAL EXPENSES	245,374	375,451	130,077
Structures			
53205 M&R-PUMPS AND MOTORS	500	500	-
Total Structures	500	500	-
Other Maintenance & Repairs			
53325 M&R-GENERAL MAINTENANCE	10,000	10,000	-
Total Other Maintenance & Repairs	10,000	10,000	-
SUBTOTAL OF M&R EXPENSES	10,500	10,500	-
Administrative & General			
54100 ADMINISTRATIVE & GENERAL	29,126	48,539	19,413
Total Administrative & General	29,126	48,539	19,413
TOTAL OPERATING AND M&R EXPENSES	285,000	434,490	149,490
Net Operating Income	-	-	-
Net Change in Fund Balance	-	-	-



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 | • Service Area: Kendall Co., TX |
| • Location: Boerne, TX | • Capacity: 1.3 MGD |
| • Startup Operation Date: 2006 | • Budgeted Revenue: \$1,354,000 |
-

**Western Canyon Division
Cordillera Ranch Water Distribution System
Operating Plan for Fiscal Year Ending 8/31/22**

BACKGROUND

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

REVENUE SOURCES AND TRENDS

Revenues are obtained through connection fees for water service, tap fees, monthly water service fees and charges to the Cordillera Ranch developer for the wholesale use of water within the development. Water Sales Revenues are projected to be \$1,354,000 during FY 2022. This is an approximate 43.4% increase over FY 2021 budgeted due to an increase in the number of connections within the subdivision.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Operating expenses include \$33,000 for electric cost of operating the pump stations, \$25,000 for water meters, \$2,000 for operating chemicals and \$70,000 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 \$660,000. This cost includes payments to other GBRA divisions for the purchase, storage, treatment, and transmission of water to the Cordillera Water System.

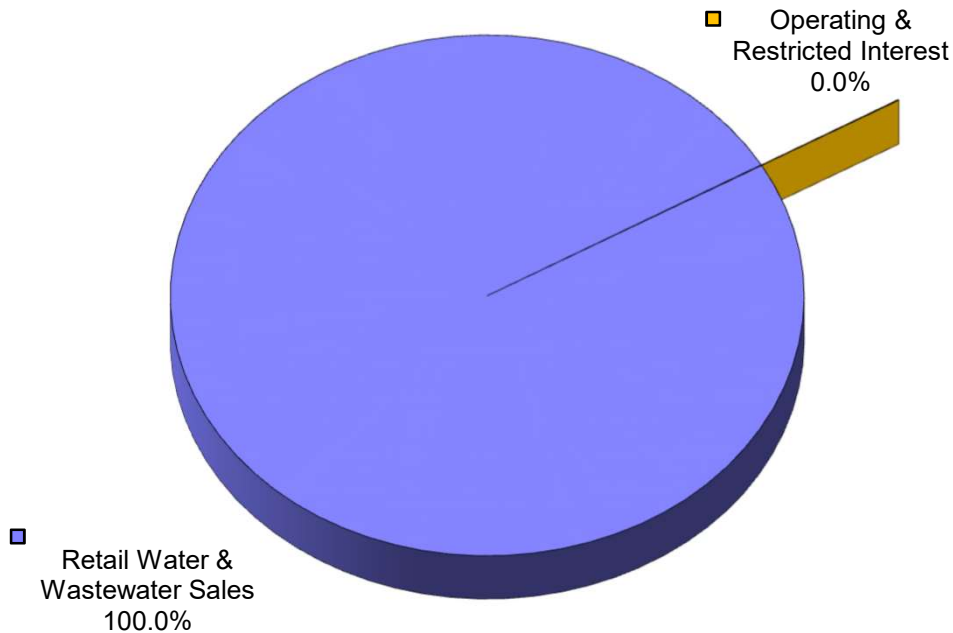
FUND BALANCE

Funds for the above listed capital additions and maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided using revenues from customer billings. This funding is expected to exceed total expenditures by \$425,180 and thus an increase in fund balance of that same amount is anticipated.



Budget Summary

REVENUES - CORDILLERA WDS

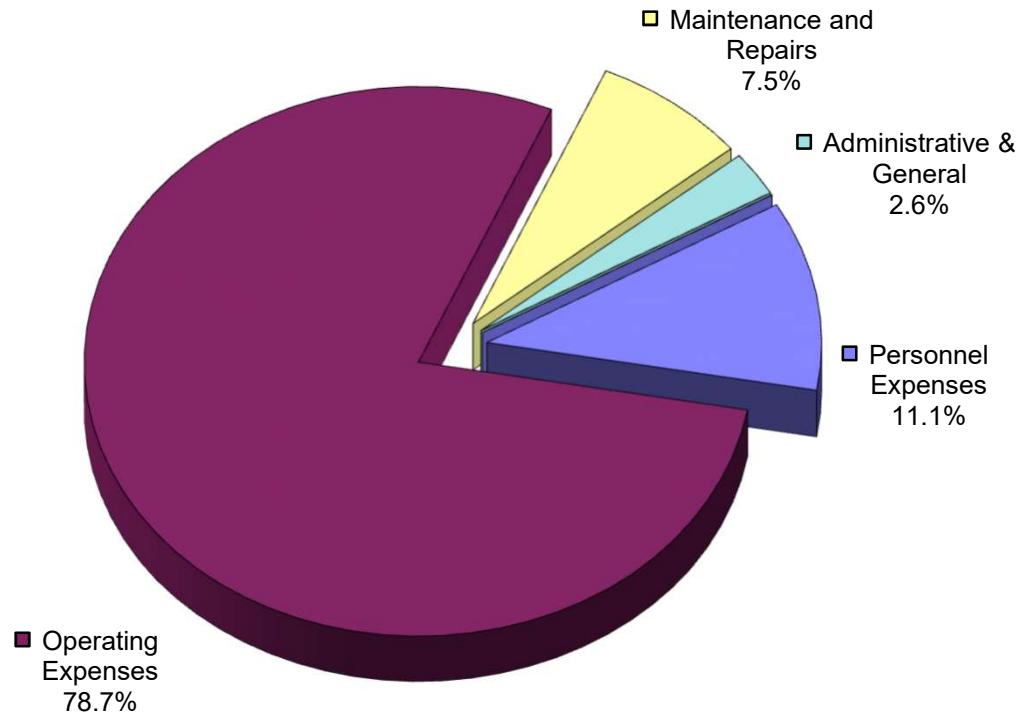


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	1,191,407	943,750	1,353,500
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest	5,585	750	500
Grant & Interlocal Agreement Income			
Miscellaneous Income	1,937,892		
Total Operating Revenue	3,134,884	944,500	1,354,000
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	3,134,884	944,500	1,354,000



Budget Summary

EXPENSES - CORDILLERA WDS



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	103,446	115,054	103,180
Operating Expenses	633,737	725,405	731,406
Maintenance and Repairs	59,496	60,000	70,000
Administrative & General	24,297	27,023	24,234
Capital Expense & Outlay	1,620,169		
Transfers			
Total Operating and M&R Expenses	2,441,145	927,482	928,820
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	2,441,145	927,482	928,820

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**052 - Cordillera WDS
Department ***

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Retail Water Sales			
42301 WATER SALES	879,000	1,250,000	371,000
42302 WHOLESale WATER SALES	40,000	75,000	35,000
42310 WATER CONNECTION FEES	24,750	30,000	5,250
42340 TRANSFER FEES	-	(1,500)	(1,500)
Total Retail Water Sales	943,750	1,353,500	409,750
Operating Interest			
44110 INT-OPR INVESTMENT FUNDS	750	500	(250)
Total Operating Interest	750	500	(250)
Total Operating Revenue	944,500	1,354,000	409,500
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	71,675	62,705	(8,970)
51102 LBR-OVERTIME	10,214	10,733	519
Total Salaries	81,889	73,438	(8,451)
Benefits			
51298 BEN-BENEFIT ALLOCATION	33,165	29,742	(3,423)
Total Benefits	33,165	29,742	(3,423)
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	36,000	33,000	(3,000)
52103 OPR-CHEMICALS	1,500	2,000	500
52110 OPR-SMALL TOOLS AND SUPPLIES	1,500	1,500	-
52113 OPR-LAB SUPPLIES	1,000	1,000	-
52114 OPR-LABORATORY SERVICES-GBRA	800	800	-
52115 OPR-LABORATORY SERVICES-OUTSOURCED	650	800	150
52120 OPR-UNIFORMS	200	1,000	800
52121 OPR-SAFETY & EMERGENCY EXPENSE	600	1,000	400

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52122	OPR-SECURITY EXPENSE	2,000	1,000	(1,000)
52125	OPR-VEHICLE EXPENSE	2,000	1,000	(1,000)
52126	OPR-FLEET LEASE EXPENSE	1,242	4,784	3,542
52133	OPR-SCADA	4,300	1,500	(2,800)
52150	OPR-WATER PURCHASES/DELIVERY	660,000	660,000	-
	Total Operating Supplies & Services	711,792	709,384	(2,408)
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	4,000	4,300	300
52216	OPR-REGULATORY FEES	-	1,000	1,000
52217	OPR-INSPECTION FEES	2,000	-	(2,000)
52223	OPR-LICENSE & TRAINING	200	500	300
52224	OPR-TRAVEL & MEETINGS	500	1,500	1,000
	Total Professional Services and Fees	6,700	7,300	600
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	500	1,000	500
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,150	1,950	800
52303	OPR-WIDE AREA NETWORK EXPENSE	-	3,000	3,000
52305	OPR-POSTAGE AND FREIGHT EXPENSE	200	1,000	800
52306	OPR-COMMUNICATIONS	1,000	1,000	-
	Total Office Expenses	2,850	7,950	5,100
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	4,063	6,772	2,709
	Total Other Operating Expenses	4,063	6,772	2,709
	SUBTOTAL OF OPERATIONAL EXPENSES	840,459	834,586	(5,873)
	Maintenance and Repair Equipment			
53115	M&R-METERS	12,000	25,000	13,000
	Total Maintenance and Repair Equipment	12,000	25,000	13,000
	Structures			
53205	M&R-PUMPS AND MOTORS	2,000	6,000	4,000
53230	M&R-PIPELINES	12,000	5,000	(7,000)
	Total Structures	14,000	11,000	(3,000)
	Other Maintenance & Repairs			
53302	M&R-WELLS	20,000	20,000	-
53325	M&R-GENERAL MAINTENANCE	14,000	14,000	-
	Total Other Maintenance & Repairs	34,000	34,000	-
	SUBTOTAL OF M&R EXPENSES	60,000	70,000	10,000

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	<u>27,023</u>	<u>24,234</u>	<u>(2,789)</u>
	Total Administrative & General	<u>27,023</u>	<u>24,234</u>	<u>(2,789)</u>
	TOTAL OPERATING AND M&R EXPENSES	<u>927,482</u>	<u>928,820</u>	<u>1,338</u>
	Net Operating Income	<u>17,018</u>	<u>425,180</u>	<u>408,162</u>
	Net Change in Fund Balance	<u>17,018</u>	<u>425,180</u>	<u>408,162</u>



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Cordillera WWTTP

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.

-
- | | |
|---|---------------------------------|
| • Service Provided: Wastewater collection and treatment | • Service Area: Kendall Co., TX |
| • Location: Boerne, TX | • Capacity: 0.064 MGD |
| • Startup Operation Date: 2006 | • Budgeted Revenue \$477,889 |

**Western Canyon Division
Cordillera Ranch Wastewater Treatment System
Operating Plan for Fiscal Year Ending 8/31/22**

BACKGROUND

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

REVENUE SOURCES AND TRENDS

Revenues are obtained through connection fees, monthly sewer service fees, and service calls. Total revenue projected for FY 2022 is \$477,889 which is a 10% increase over the FY 2021 budget amount. The increase is primarily the result of customers being added to the system as the Cordillera Ranch area continues to develop.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Significant operating expenses for the ensuing fiscal year, in addition to personnel costs, include \$2,500 power and utilities, \$17,000 for laboratory supplies and services, and \$60,000 for biosolids disposal costs. Also included is \$138,433 for rehabilitation of a lift station, and 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.

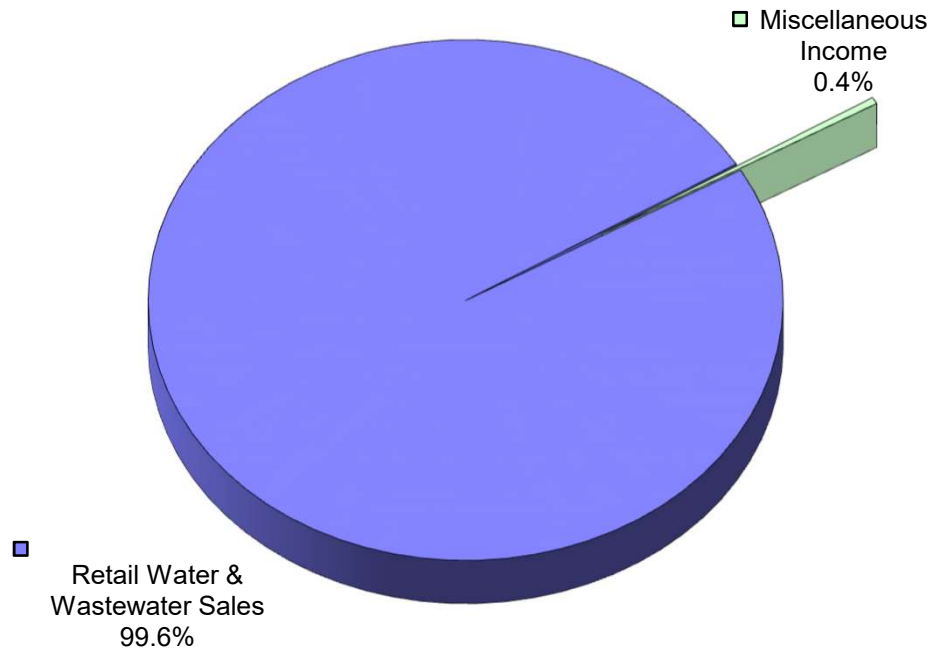
FUND BALANCE

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 net effect of all the budgeted sources and uses of funds yields a fund balance of \$0.



Budget Summary

REVENUES - CORDILLERA WWTP

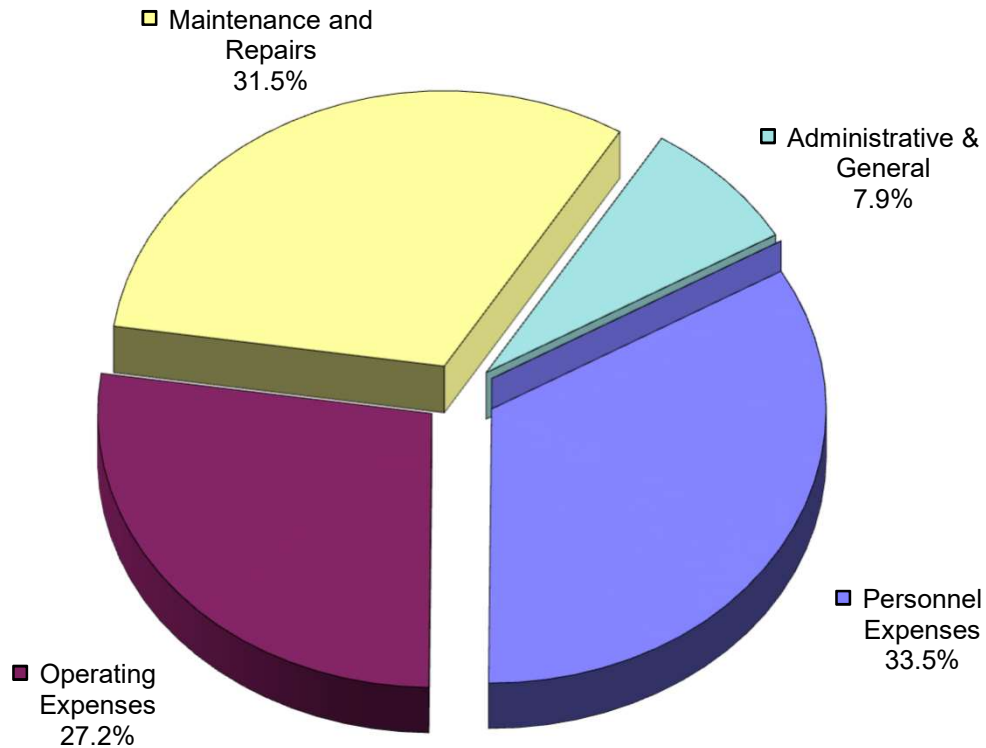


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	400,998	432,305	475,889
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	1,254	2,000	2,000
Total Operating Revenue	402,252	434,305	477,889
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	402,252	434,305	477,889



Budget Summary

EXPENSES - CORDILLERA WWTP



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	142,960	156,440	159,974
Operating Expenses	132,079	88,121	129,908
Maintenance and Repairs	125,416	153,000	150,433
Administrative & General	33,578	36,744	37,574
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	434,033	434,305	477,889
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	434,033	434,305	477,889

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**053 - Cordillera WWTP
Department ***

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	321,930	346,064	24,134
42402	SEWER CONNECTION/INSP FEES	101,625	118,125	16,500
42404	SERVICE CALL INCOME	7,550	10,200	2,650
42405	TRANSFER FEES	1,200	1,500	300
	Total Retail Wastewater	432,305	475,889	43,584
Misc Income				
45195	MISCELLANEOUS REVENUES	2,000	2,000	-
	Total Misc Income	2,000	2,000	-
	Total Operating Revenue	434,305	477,889	43,584
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	92,667	93,697	1,030
51102	LBR-OVERTIME	18,678	20,163	1,485
	Total Salaries	111,345	113,860	2,515
Benefits				
51298	BEN-BENEFIT ALLOCATION	45,095	46,114	1,019
	Total Benefits	45,095	46,114	1,019
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	2,500	2,500	-
52102	OPR-AUXILIARY POWER EXPENSE	7,000	7,000	-
52103	OPR-CHEMICALS	1,500	1,500	-
52110	OPR-SMALL TOOLS AND SUPPLIES	700	1,000	300
52113	OPR-LAB SUPPLIES	4,000	4,000	-
52114	OPR-LABORATORY SERVICES-GBRA	13,000	13,000	-
52118	OPR-DISPOSAL SERVICES	23,860	60,000	36,140
52120	OPR-UNIFORMS	1,000	1,000	-

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52121	OPR-SAFETY & EMERGENCY EXPENSE	800	800	-
52123	OPR-EQUIPMENT RENTAL	1,664	1,664	-
52125	OPR-VEHICLE EXPENSE	4,000	2,500	(1,500)
52126	OPR-FLEET LEASE EXPENSE	3,372	4,462	1,090
52133	OPR-SCADA	4,300	1,500	(2,800)
	Total Operating Supplies & Services	67,696	100,926	33,230
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	2,000	1,500	(500)
52217	OPR-INSPECTION FEES	1,500	1,500	-
52222	OPR-MEMBERSHIPS & PUBLICATIONS	300	300	-
52223	OPR-LICENSE & TRAINING	1,000	1,000	-
52224	OPR-TRAVEL & MEETINGS	800	2,500	1,700
	Total Professional Services and Fees	5,600	6,800	1,200
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	500	500	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,600	3,300	1,700
52303	OPR-WIDE AREA NETWORK EXPENSE	-	3,000	3,000
52305	OPR-POSTAGE AND FREIGHT EXPENSE	1,000	1,200	200
52306	OPR-COMMUNICATIONS	6,000	8,400	2,400
	Total Office Expenses	9,100	16,400	7,300
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	4,725	4,782	57
52430	OPR-MISC EXPENSE	1,000	1,000	-
	Total Other Operating Expenses	5,725	5,782	57
	SUBTOTAL OF OPERATIONAL EXPENSES	244,561	289,882	45,321
	Structures			
53205	M&R-PUMPS AND MOTORS	104,000	105,433	1,433
53215	M&R-LIFTSTATIONS	33,000	33,000	-
	Total Structures	137,000	138,433	1,433
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	16,000	12,000	(4,000)
	Total Other Maintenance & Repairs	16,000	12,000	(4,000)
	SUBTOTAL OF M&R EXPENSES	153,000	150,433	(2,567)
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	36,744	37,574	830
	Total Administrative & General	36,744	37,574	830

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
TOTAL OPERATING AND M&R EXPENSES	<u>434,305</u>	<u>477,889</u>	<u>43,584</u>
Net Operating Income	<u>-</u>	<u>-</u>	<u>-</u>
Net Change in Fund Balance	<u>-</u>	<u>-</u>	<u>-</u>



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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.

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- | | |
|--|---|
| <ul style="list-style-type: none">• Service Provided: Water distribution• Location: Bulverde, TX• Startup Operation Date: 2006• Service Area: Comal Co., TX | <ul style="list-style-type: none">• Capacity: 0.8 MGD• Budgeted Revenue: \$322,015 |
|--|---|

Western Canyon Division

Comal Trace Water Distribution System

Operating Plan for Fiscal Year Ending 8/31/22

BACKGROUND

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

REVENUE SOURCES AND TRENDS

Revenues are obtained through connection fees for water service, tap fees and monthly water service fees. Water sales revenue is projected to be \$321,515 in FY 2022.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Operating expenses include \$120,000 for water purchases/delivery from the Western Canyon Regional Water Supply Project. This cost includes purchases, storage, treatment, and transmission of water to the Comal Trace Water System. Additional significant costs include \$9,000 for power to operate the wells and booster pumps, \$7,500 to replace residential water meters, and \$49,650 for material and services related to maintaining and repairing the water wells and distribution system including budgeted costs for the replacement of residential water meters as necessary.

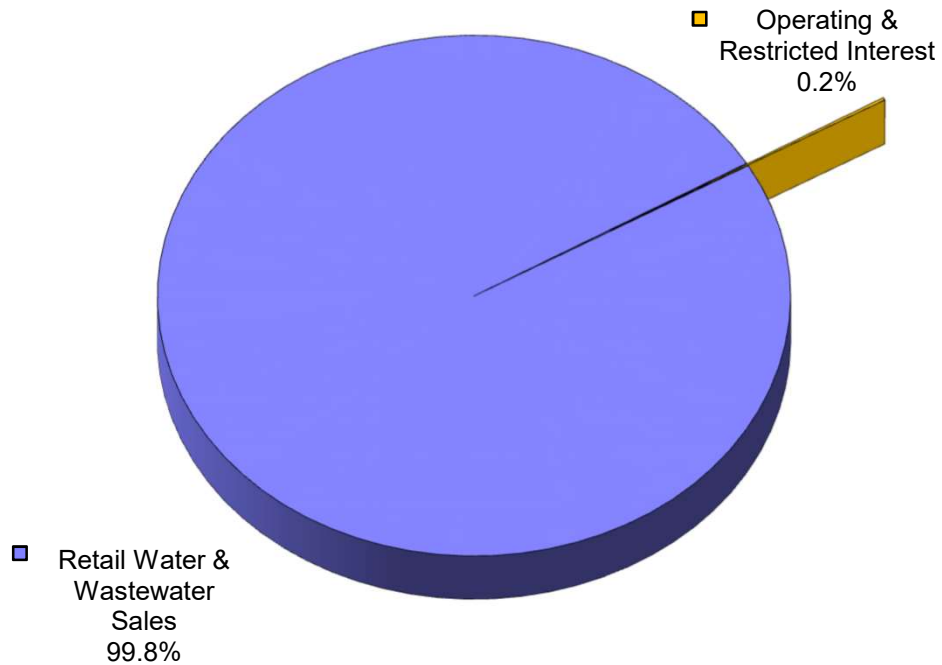
FUND BALANCE

Funds for the above maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided using revenues from customer billings. GBRA sets customer rates to reflect the anticipated costs of providing water service over time and as such, the fund balance expected during FY 2022 is \$25,888.



Budget Summary

REVENUES - COMAL TRACE WDS

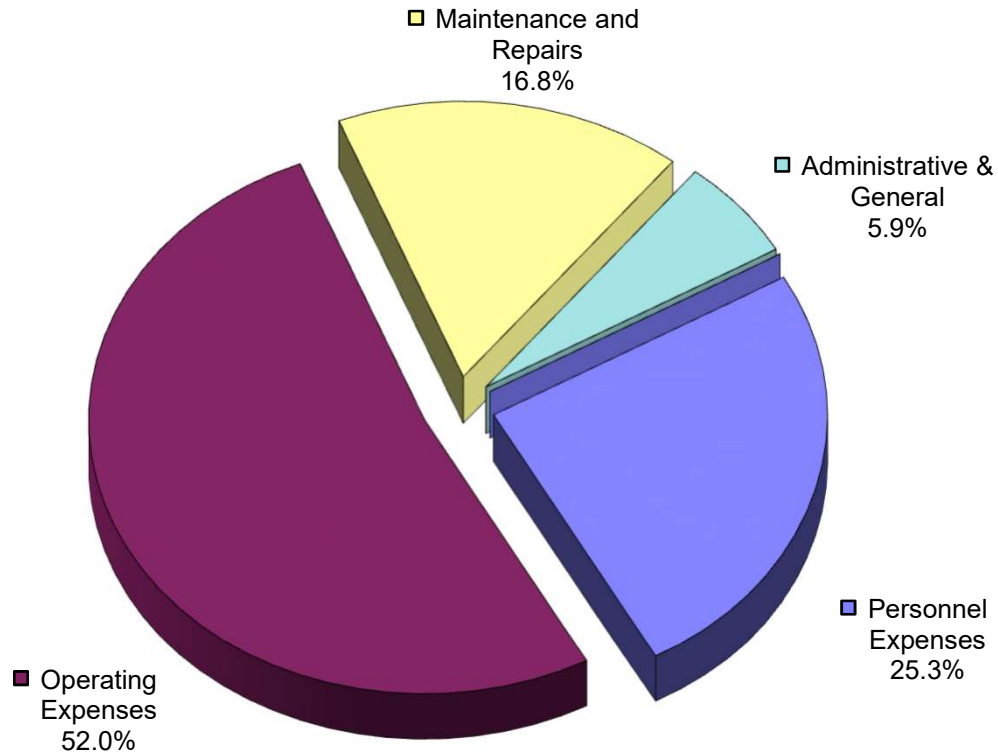


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	320,422	288,392	321,515
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest	18,903	2,000	500
Grant & Interlocal Agreement Income			
Miscellaneous Income	1,714		
Total Operating Revenue	341,039	290,392	322,015
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	341,039	290,392	322,015



Budget Summary

EXPENSES - COMAL TRACE WDS



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	71,469	80,345	74,964
Operating Expenses	146,753	151,526	153,906
Maintenance and Repairs	23,654	39,650	49,650
Administrative & General	16,786	18,871	17,607
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	258,662	290,392	296,127
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	258,662	290,392	296,127

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**054 - Comal Trace WDS
Department ***

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Water Sales				
42301	WATER SALES	285,392	320,000	34,608
42310	WATER CONNECTION FEES	3,000	1,075	(1,925)
42340	TRANSFER FEES	-	440	440
	Total Retail Water Sales	288,392	321,515	33,123
Operating Interest				
44110	INT-OPR INVESTMENT FUNDS	2,000	500	(1,500)
	Total Operating Interest	2,000	500	(1,500)
	Total Operating Revenue	290,392	322,015	31,623
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	51,639	47,407	(4,232)
51102	LBR-OVERTIME	5,546	5,948	402
	Total Salaries	57,185	53,355	(3,830)
Benefits				
51298	BEN-BENEFIT ALLOCATION	23,160	21,609	(1,551)
	Total Benefits	23,160	21,609	(1,551)
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	12,500	9,000	(3,500)
52103	OPR-CHEMICALS	400	400	-
52110	OPR-SMALL TOOLS AND SUPPLIES	200	1,000	800
52113	OPR-LAB SUPPLIES	500	1,000	500
52114	OPR-LABORATORY SERVICES-GBRA	600	1,000	400
52115	OPR-LABORATORY SERVICES-OUTSOURCED	1,000	1,000	-
52120	OPR-UNIFORMS	500	1,000	500
52121	OPR-SAFETY & EMERGENCY EXPENSE	500	500	-
52125	OPR-VEHICLE EXPENSE	1,500	1,500	-

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52126	OPR-FLEET LEASE EXPENSE	375	2,473	2,098
52133	OPR-SCADA	4,300	1,500	(2,800)
52150	OPR-WATER PURCHASES/DELIVERY	120,000	120,000	-
	Total Operating Supplies & Services	142,375	140,373	(2,002)
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	1,500	1,500	-
52216	OPR-REGULATORY FEES	-	608	608
52217	OPR-INSPECTION FEES	608	-	(608)
	Total Professional Services and Fees	2,108	2,108	-
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	400	400	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,850	2,250	400
52303	OPR-WIDE AREA NETWORK EXPENSE	-	3,000	3,000
52305	OPR-POSTAGE AND FREIGHT EXPENSE	600	1,300	700
52306	OPR-COMMUNICATIONS	1,600	2,000	400
	Total Office Expenses	4,450	8,950	4,500
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	2,593	2,475	(118)
	Total Other Operating Expenses	2,593	2,475	(118)
	SUBTOTAL OF OPERATIONAL EXPENSES	231,871	228,870	(3,001)
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	2,150	2,150	-
53115	M&R-METERS	7,500	7,500	-
	Total Maintenance and Repair Equipment	9,650	9,650	-
	Structures			
53205	M&R-PUMPS AND MOTORS	3,000	3,000	-
	Total Structures	3,000	3,000	-
	Other Maintenance & Repairs			
53302	M&R-WELLS	12,000	12,000	-
53325	M&R-GENERAL MAINTENANCE	15,000	25,000	10,000
	Total Other Maintenance & Repairs	27,000	37,000	10,000
	SUBTOTAL OF M&R EXPENSES	39,650	49,650	10,000
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	18,871	17,607	(1,264)
	Total Administrative & General	18,871	17,607	(1,264)

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
TOTAL OPERATING AND M&R EXPENSES	<u>290,392</u>	<u>296,127</u>	<u>5,735</u>
Net Operating Income	<u>-</u>	<u>25,888</u>	<u>25,888</u>
Net Change in Fund Balance	<u>-</u>	<u>25,888</u>	<u>25,888</u>



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Johnson Ranch WDS
South water delivery point

Johnson Ranch WDS

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

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

-
- Service Provided: Water distribution
 - Location: Bulverde, TX
 - Startup Operation Date: 2006
 - Service Area: Comal Co., TX
 - Capacity: 0.8 MGD
 - Budgeted Revenue: \$813,600

**Western Canyon Division
Johnson Ranch Water Distribution System
Operating Plan for Fiscal Year Ending 8/31/22**

BACKGROUND

GBRA initiated treated surface water deliveries from the Western Canyon Water Treatment Plant to the Johnson Ranch development in June 2009. Construction and development of the Johnson Ranch Water Distribution System will continue until a final build out of approximately 1,000 residential homes sometime in the future. The system also provides potable water to Comal ISD Johnson Ranch Elementary School located within the subdivision. The system includes two water storage tanks and booster stations. Each tank has a storage capacity of approximately 250,000 gallons. Construction continues on residential lots as well as a new senior living apartment complex within the development. As a result, increased water deliveries are expected in FY 2022.

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 \$813,600 during FY 2022.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Operating expenses include \$300,000 for water purchases and delivery from the Western Canyon Regional Water Supply Project. This cost includes purchases, storage, treatment, and transmission of water to the Johnson Ranch Water Distribution System. Other substantive operating costs include \$2,300 for power to operate the booster stations, \$2,000 to maintain emergency generators located on site, and \$47,000 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 2021.

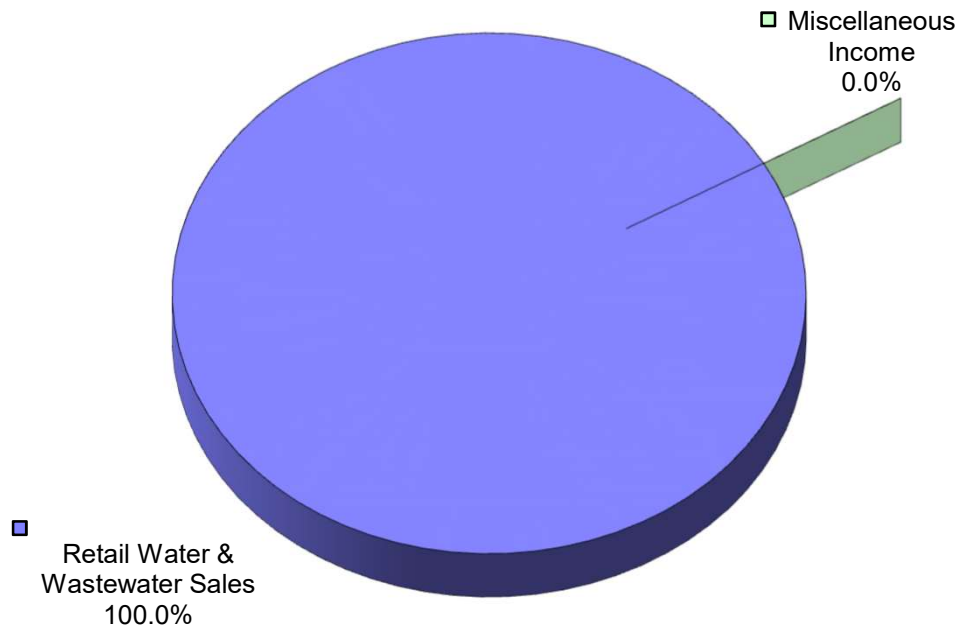
FUND BALANCE

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 \$299,539.



Budget Summary

REVENUES - JOHNSON RANCH WDS

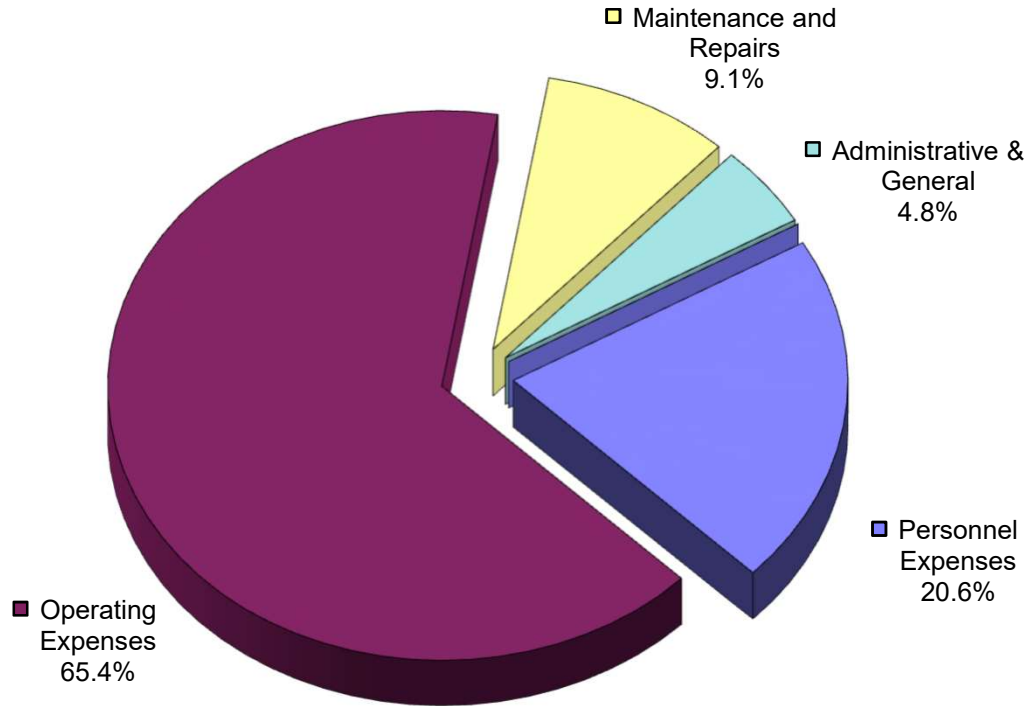


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	871,626	867,180	813,600
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	6,963		
Total Operating Revenue	878,589	867,180	813,600
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	878,589	867,180	813,600



Budget Summary

EXPENSES - JOHNSON RANCH WDS



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	97,107	110,712	105,958
Operating Expenses	328,730	344,674	336,216
Maintenance and Repairs	39,497	39,000	47,000
Administrative & General	22,808	26,004	24,887
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	488,142	520,390	514,061
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	488,142	520,390	514,061

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**055 - Johnson Ranch WDS
Department ***

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Water Sales				
42301	WATER SALES	723,180	750,000	26,820
42310	WATER CONNECTION FEES	144,000	60,000	(84,000)
42340	TRANSFER FEES	-	3,600	3,600
	Total Retail Water Sales	867,180	813,600	(53,580)
	Total Operating Revenue	867,180	813,600	(53,580)
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	67,242	63,119	(4,123)
51102	LBR-OVERTIME	11,556	12,296	740
	Total Salaries	78,798	75,415	(3,383)
Benefits				
51298	BEN-BENEFIT ALLOCATION	31,914	30,543	(1,371)
	Total Benefits	31,914	30,543	(1,371)
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	10,000	2,300	(7,700)
52102	OPR-AUXILIARY POWER EXPENSE	9,950	2,000	(7,950)
52103	OPR-CHEMICALS	1,400	1,000	(400)
52110	OPR-SMALL TOOLS AND SUPPLIES	500	1,000	500
52113	OPR-LAB SUPPLIES	500	500	-
52114	OPR-LABORATORY SERVICES-GBRA	1,000	1,000	-
52115	OPR-LABORATORY SERVICES-OUTSOURCED	500	500	-
52120	OPR-UNIFORMS	500	500	-
52121	OPR-SAFTY & EMERGENCY EXPENSE	500	500	-
52122	OPR-SECURITY EXPENSE	500	500	-
52124	OPR-EQUIPMENT EXPENSE	1,500	1,000	(500)
52125	OPR-VEHICLE EXPENSE	4,000	4,000	-
52126	OPR-FLEET LEASE EXPENSE	734	3,768	3,034

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52133	OPR-SCADA	4,300	1,500	(2,800)
52150	OPR-WATER PURCHASES/DELIVERY	300,000	300,000	-
	Total Operating Supplies & Services	335,884	320,068	(15,816)
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	600	720	120
52216	OPR-REGULATORY FEES	-	2,000	2,000
52217	OPR-INSPECTION FEES	2,000	-	(2,000)
52223	OPR-LICENSE & TRAINING	200	500	300
52224	OPR-TRAVEL & MEETINGS	500	1,206	706
	Total Professional Services and Fees	3,300	4,426	1,126
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	600	600	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,150	2,950	1,800
52303	OPR-WIDE AREA NETWORK EXPENSE	-	3,000	3,000
52305	OPR-POSTAGE AND FREIGHT EXPENSE	300	1,600	1,300
52306	OPR-COMMUNICATIONS	1,000	1,500	500
	Total Office Expenses	3,050	9,650	6,600
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	2,440	2,072	(368)
	Total Other Operating Expenses	2,440	2,072	(368)
	SUBTOTAL OF OPERATIONAL EXPENSES	455,386	442,174	(13,212)
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	-	3,000	3,000
53115	M&R-METERS	15,000	20,000	5,000
	Total Maintenance and Repair Equipment	15,000	23,000	8,000
	Structures			
53230	M&R-PIPELINES	4,000	4,000	-
	Total Structures	4,000	4,000	-
	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	39,000	47,000	8,000
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	26,004	24,887	(1,117)
	Total Administrative & General	26,004	24,887	(1,117)

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
TOTAL OPERATING AND M&R EXPENSES	<u>520,390</u>	<u>514,061</u>	<u>(6,329)</u>
Net Operating Income	<u>346,790</u>	<u>299,539</u>	<u>(47,251)</u>
Net Change in Fund Balance	<u>346,790</u>	<u>299,539</u>	<u>(47,251)</u>



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Johnson Ranch WWT

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

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

-
- | | |
|---|---|
| <ul style="list-style-type: none">• Service Provided: Wastewater collection and treatment• Location: Bulverde, TX• Startup Operation Date: 2015 | <ul style="list-style-type: none">• Service Area: Comal Co., TX• Capacity: 0.115 MGD• Budgeted Revenue: \$462,434 |
|---|---|

**Western Canyon Division
Johnson Ranch Wastewater Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/22**

BACKGROUND

GBRA initiated treated surface water deliveries from the Western Canyon Water Treatment Plant to the Johnson Ranch development in June 2009. The Johnson Ranch Wastewater Treatment Plant was started up in August 2015. Construction of new homes will continue for several years, with a projected build out of 1,000 homes. The developer, DHJB Development, is in the process of constructing a new wastewater plant with a treatment capacity of 350,000 gallons per day. Until the permanent facility is completed, two temporary treatment plants continue to operate for treatment of the wastewater.

REVENUE SOURCES AND TRENDS

Revenues will be obtained through connection fees for wastewater service, tap fees, and monthly wastewater service fees. Revenues are projected to be \$462,434 during FY 2022 which is \$66,740 or 16.9% more than the FY 2021 service fee budget due primarily to growth in the number of connections.

CAPITAL ADDITIONS AND OPERATING EXPENSES

The Division Manager for Comal/Kendall Counties and the Western Canyon/RUD Wastewater Manager provide overall supervision of the system. Eight operators will divide their time between the Cordillera Ranch, Johnson Ranch, Bulverde Singing Hills Wastewater Reclamation System, Park Village, Four S Ranch, Canyon Park, and Boerne ISD Voss Middle School. The principal operating expenses for FY 2022 are personnel costs in the amount of \$183,968. Other significant operating costs include \$40,000 for chemicals, \$37,000 for lab supplies and services, and \$65,000 for bio-solids disposal. These costs represent the treatment and testing of the treated wastewater and removal of sludge from the plant. Funds for maintenance and repair are budgeted for \$31,000. There is no capital outlay anticipated for FY 22.

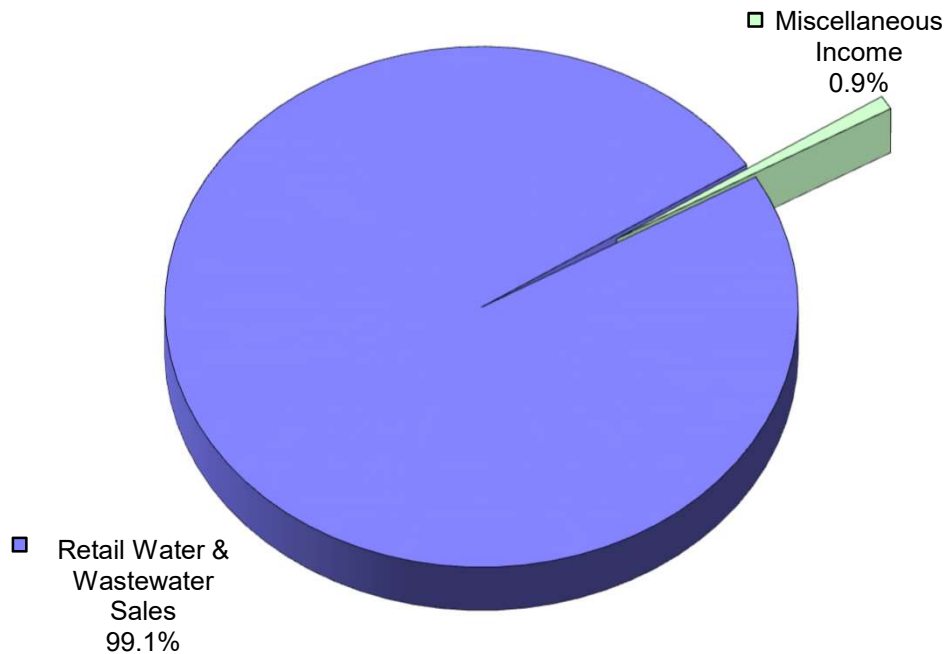
FUND BALANCE

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 resultant change in fund balance amounts to \$6,090.



Budget Summary

REVENUES - JOHNSON RANCH WWTP

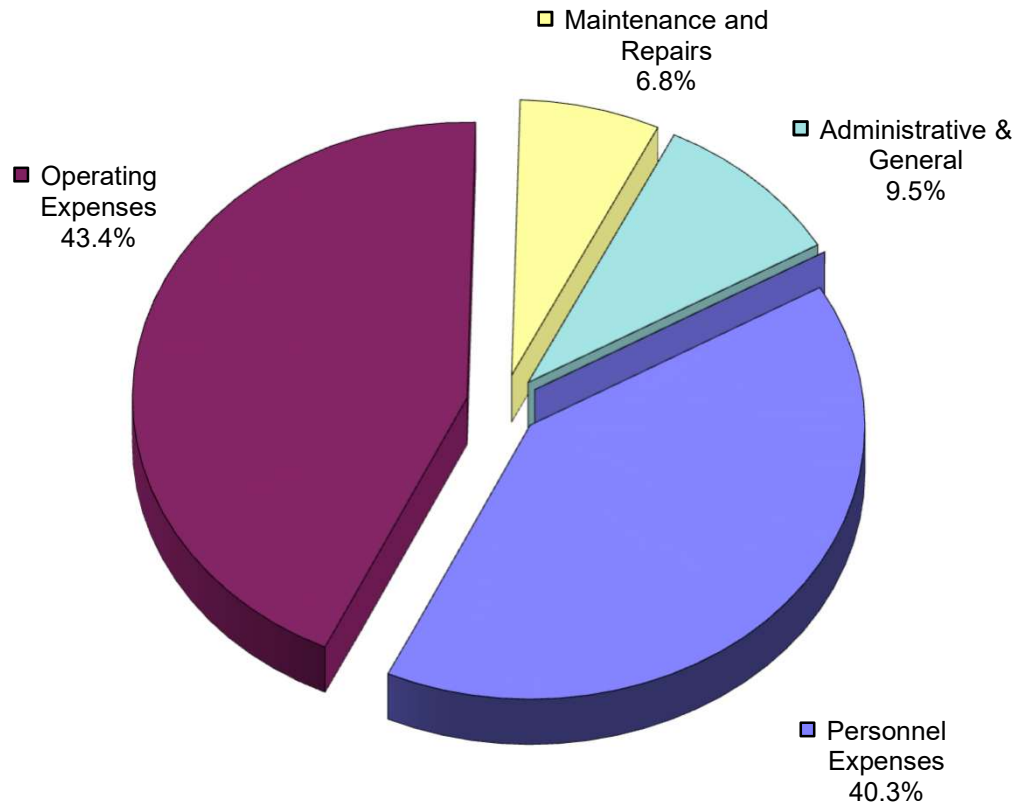


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	396,781	391,694	458,434
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	2,953	4,000	4,000
Total Operating Revenue	399,734	395,694	462,434
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	399,734	395,694	462,434



Budget Summary

EXPENSES - JOHNSON RANCH WWTP



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	185,102	127,113	183,968
Operating Expenses	280,734	207,725	198,166
Maintenance and Repairs	24,171	31,000	31,000
Administrative & General	43,476	29,856	43,210
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	533,483	395,694	456,344
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	533,483	395,694	456,344

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**056 - Johnson Ranch WWTP
Department ***

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	369,694	418,684	48,990
42402	SEWER CONNECTION/INSP FEES	22,000	35,750	13,750
42405	TRANSFER FEES	-	4,000	4,000
	Total Retail Wastewater	391,694	458,434	66,740
Misc Income				
45195	MISCELLANEOUS REVENUES	4,000	4,000	-
	Total Misc Income	4,000	4,000	-
	Total Operating Revenue	395,694	462,434	66,740
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	80,072	112,780	32,708
51102	LBR-OVERTIME	10,400	18,158	7,758
	Total Salaries	90,472	130,938	40,466
Benefits				
51298	BEN-BENEFIT ALLOCATION	36,641	53,030	16,389
	Total Benefits	36,641	53,030	16,389
Operating Supplies & Services				
52102	OPR-AUXILIARY POWER EXPENSE	43,000	8,000	(35,000)
52103	OPR-CHEMICALS	40,000	40,000	-
52110	OPR-SMALL TOOLS AND SUPPLIES	1,500	2,000	500
52113	OPR-LAB SUPPLIES	6,000	11,000	5,000
52114	OPR-LABORATORY SERVICES-GBRA	26,000	26,000	-
52118	OPR-DISPOSAL SERVICES	63,000	65,000	2,000
52120	OPR-UNIFORMS	1,000	1,000	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	1,000	2,000	1,000
52123	OPR-EQUIPMENT RENTAL	8,318	12,184	3,866

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52125 OPR-VEHICLE EXPENSE	-	2,000	2,000
52126 OPR-FLEET LEASE EXPENSE	1,670	2,760	1,090
52133 OPR-SCADA	4,300	3,500	(800)
Total Operating Supplies & Services	195,788	175,444	(20,344)
Professional Services and Fees			
52205 OPR-PROFESSIONAL SERVICES-OTHER	1,000	1,000	-
52222 OPR-MEMBERSHIPS & PUBLICATIONS	300	300	-
52223 OPR-LICENSE & TRAINING	1,500	2,000	500
52224 OPR-TRAVEL & MEETINGS	500	5,000	4,500
Total Professional Services and Fees	3,300	8,300	5,000
Office Expenses			
52301 OPR-OFFICE SUPPLIES	800	800	-
52302 OPR-COMPUTER & SOFTWARE EXPENSE	1,600	3,250	1,650
52303 OPR-WIDE AREA NETWORK EXPENSE	-	3,000	3,000
52305 OPR-POSTAGE AND FREIGHT EXPENSE	1,500	2,000	500
52306 OPR-COMMUNICATIONS	1,500	2,000	500
Total Office Expenses	5,400	11,050	5,650
Other Operating Expenses			
52420 OPR-INSURANCE EXPENSE	2,237	2,372	135
52430 OPR-MISC EXPENSE	1,000	1,000	-
Total Other Operating Expenses	3,237	3,372	135
SUBTOTAL OF OPERATIONAL EXPENSES	334,838	382,134	47,296
Structures			
53205 M&R-PUMPS AND MOTORS	6,000	6,000	-
Total Structures	6,000	6,000	-
Other Maintenance & Repairs			
53325 M&R-GENERAL MAINTENANCE	25,000	25,000	-
Total Other Maintenance & Repairs	25,000	25,000	-
SUBTOTAL OF M&R EXPENSES	31,000	31,000	-
Administrative & General			
54100 ADMINISTRATIVE & GENERAL	29,856	43,210	13,354
Total Administrative & General	29,856	43,210	13,354
TOTAL OPERATING AND M&R EXPENSES	395,694	456,344	60,650
Net Operating Income	-	6,090	6,090
Net Change in Fund Balance	-	6,090	6,090



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: \$376,459 |

Western Canyon Division
Singing Hills Wastewater Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/22

BACKGROUND

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

REVENUE SOURCES AND TRENDS

This is a cost of service contract between GBRA and the City of Bulverde. GBRA collects the connection and service fees on behalf of the City, through an agreement with Canyon Lake Water Supply Corporation (CLWSC). The City makes monthly payments to GBRA in the amount of one-twelfth of the FY 2022 budgeted expenses. In total, revenue for FY 2022 is budgeted at \$376,459.

CAPITAL ADDITIONS AND OPERATING EXPENSES

In addition to personnel costs, other significant operating costs include total chemical expenses at \$24,000, laboratory supplies and services at \$28,000, biosolids disposal at \$25,000, and billing services to CLWSC for \$30,000. Funds for maintenance and repair are budgeted at \$31,000. There are no capital purchases budgeted for FY 2022.

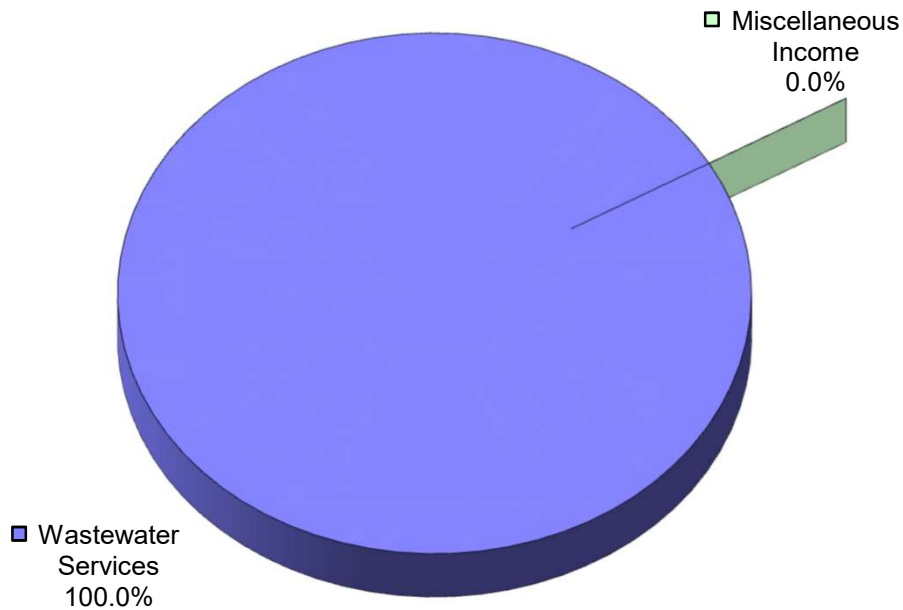
FUND BALANCE

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

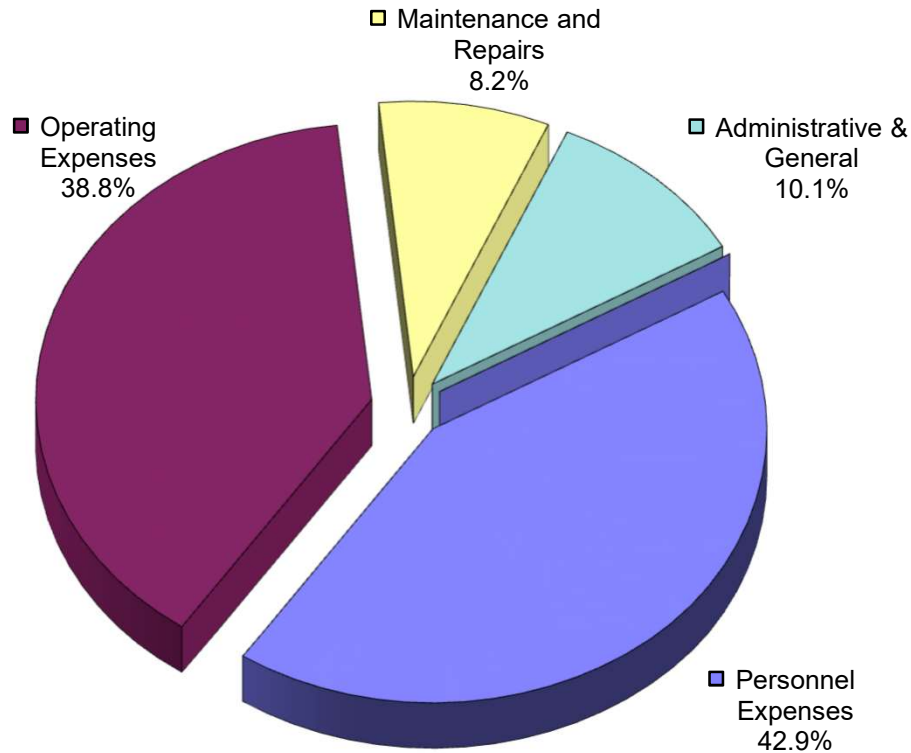


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services	317,994	307,405	376,459
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	8,084		
Total Operating Revenue	326,078	307,405	376,459
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	326,078	307,405	376,459



Budget Summary

EXPENSES - SINGING HILLS WWTP



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	96,119	125,769	161,459
Operating Expenses	156,428	127,096	146,055
Maintenance and Repairs	50,955	25,000	31,000
Administrative & General	22,576	29,540	37,945
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	326,078	307,405	376,459
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	326,078	307,405	376,459

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

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

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wastewater Treatment				
41201	WW-OPR & MAINTENANCE	307,405	376,459	69,054
	Total Wastewater Treatment	307,405	376,459	69,054
	Total Operating Revenue	307,405	376,459	69,054
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	72,713	96,541	23,828
51102	LBR-OVERTIME	16,802	18,348	1,546
	Total Salaries	89,515	114,889	25,374
Benefits				
51298	BEN-BENEFIT ALLOCATION	36,254	46,570	10,316
	Total Benefits	36,254	46,570	10,316
Operating Supplies & Services				
52102	OPR-AUXILIARY POWER EXPENSE	6,500	6,500	-
52103	OPR-CHEMICALS	20,000	24,000	4,000
52110	OPR-SMALL TOOLS AND SUPPLIES	1,700	2,000	300
52113	OPR-LAB SUPPLIES	6,000	6,000	-
52114	OPR-LABORATORY SERVICES-GBRA	22,000	22,000	-
52118	OPR-DISPOSAL SERVICES	25,000	25,000	-
52120	OPR-UNIFORMS	1,000	1,000	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	1,000	2,000	1,000
52123	OPR-EQUIPMENT RENTAL	-	3,327	3,327
52125	OPR-VEHICLE EXPENSE	4,000	2,000	(2,000)
52126	OPR-FLEET LEASE EXPENSE	1,576	3,756	2,180
52133	OPR-SCADA	3,500	1,500	(2,000)
	Total Operating Supplies & Services	92,276	99,083	6,807
Professional Services and Fees				

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52205	OPR-PROFESSIONAL SERVICES-OTHER	3,000	3,000	-
52217	OPR-INSPECTION FEES	1,500	1,500	-
52219	OPR-CUSTOMER BILLING FEES	19,200	30,000	10,800
52222	OPR-MEMBERSHIPS & PUBLICATIONS	500	500	-
52223	OPR-LICENSE & TRAINING	2,000	2,000	-
52224	OPR-TRAVEL & MEETINGS	1,000	3,000	2,000
	Total Professional Services and Fees	27,200	40,000	12,800
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	1,000	1,000	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,500	850	(650)
52306	OPR-COMMUNICATIONS	1,500	1,500	-
	Total Office Expenses	4,000	3,350	(650)
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	2,120	2,122	2
52430	OPR-MISC EXPENSE	1,500	1,500	-
	Total Other Operating Expenses	3,620	3,622	2
	SUBTOTAL OF OPERATIONAL EXPENSES	252,865	307,514	54,649
	Structures			
53205	M&R-PUMPS AND MOTORS	10,000	10,000	-
53215	M&R-LIFTSTATIONS	-	6,000	6,000
	Total Structures	10,000	16,000	6,000
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	15,000	15,000	-
	Total Other Maintenance & Repairs	15,000	15,000	-
	SUBTOTAL OF M&R EXPENSES	25,000	31,000	6,000
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	29,540	37,945	8,405
	Total Administrative & General	29,540	37,945	8,405
	TOTAL OPERATING AND M&R EXPENSES	307,405	376,459	69,054
	Net Operating Income	-	-	-
	Net Change in Fund Balance	-	-	-



Park Village WWTP
Construction of collection
system

Park Village WWTP

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

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

-
- | | |
|---|-------------------------------|
| • Service Provided: Wastewater collection and treatment | • Service Area: Comal Co., TX |
| • Location: Bulverde, TX | • Capacity: 0.098 MGD |
| • Startup Operation Date: 2018 | • Budgeted Revenue: \$306,243 |

Western Canyon Division

Park Village Wastewater Reclamation System

Operating Plan for Fiscal Year Ending 8/31/22

BACKGROUND

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

REVENUE SOURCES AND TRENDS

Revenues will be obtained through connection fees for wastewater service, tap fees, monthly wastewater service fees and developer fees. Revenues are projected to be \$306,243 during FY 2022 which is \$30,510 or 11.1% more than the FY 2021 budget due primarily to growth in the number of connections.

CAPITAL ADDITIONS AND OPERATING EXPENSES

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

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The combined capital additions and operating expenditure budget for FY 2022 amounts to \$306,243.

Significant operating and maintenance expenses for FY 2022 include \$20,000 for power to operate the wastewater plant, \$12,100 for chemicals, \$23,000 for laboratory supplies and services, \$15,400 for biosolids disposal, and billing services to Canyon Lake Water Supply Corporation for \$15,000. Funds for maintenance and repair are budgeted at \$14,000. There are no capital additions.

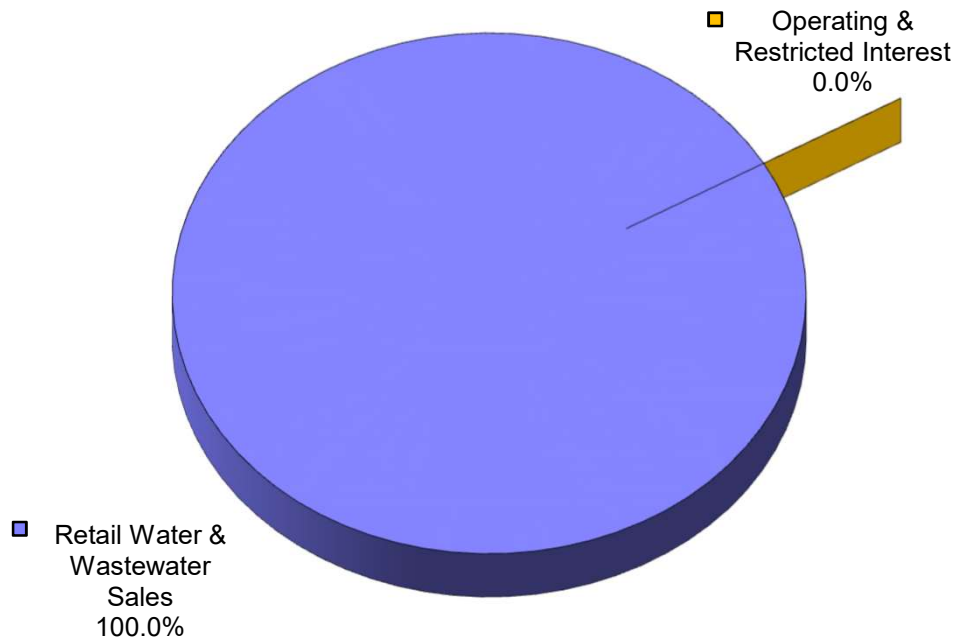
FUND BALANCE

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

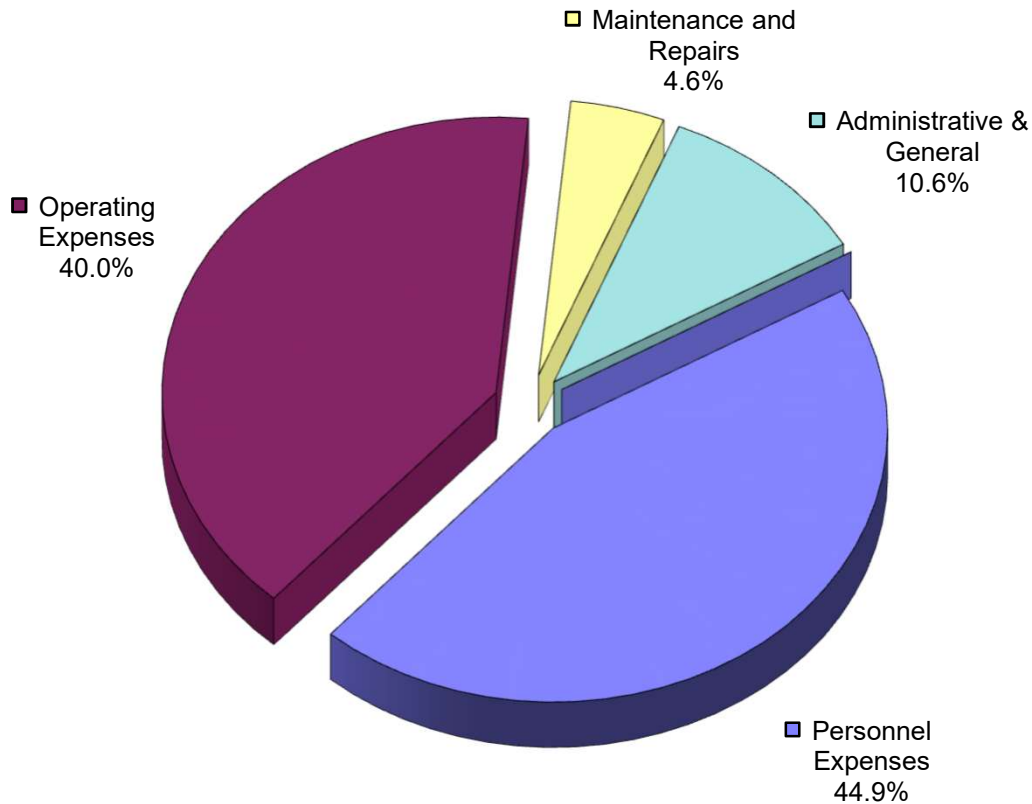


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	189,890	275,733	306,243
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	189,890	275,733	306,243
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	189,890	275,733	306,243



Budget Summary

EXPENSES - PARK VILLAGE WWRS



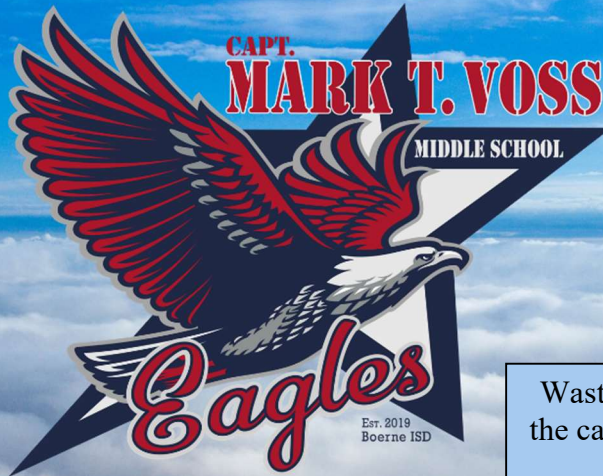
Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	93,297	126,037	137,565
Operating Expenses	60,142	106,593	122,367
Maintenance and Repairs	14,538	13,500	14,000
Administrative & General	21,913	29,603	32,311
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	189,890	275,733	306,243
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	189,890	275,733	306,243

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**058 - Park Village WWRS
Department ***

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Retail Wastewater			
42401 WASTEWATER SERVICES	104,400	176,400	72,000
42402 SEWER CONNECTION/INSP FEES	27,500	55,000	27,500
42405 TRANSFER FEES	-	2,000	2,000
42450 CHARGES TO DEVELOPERS	143,833	72,843	(70,990)
Total Retail Wastewater	275,733	306,243	30,510
Total Operating Revenue	275,733	306,243	30,510
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	74,597	80,390	5,793
51102 LBR-OVERTIME	15,109	17,521	2,412
Total Salaries	89,706	97,911	8,205
Benefits			
51298 BEN-BENEFIT ALLOCATION	36,331	39,654	3,323
Total Benefits	36,331	39,654	3,323
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	10,000	20,000	10,000
52102 OPR-AUXILIARY POWER EXPENSE	800	800	-
52103 OPR-CHEMICALS	13,250	12,100	(1,150)
52110 OPR-SMALL TOOLS AND SUPPLIES	1,500	2,000	500
52113 OPR-LAB SUPPLIES	5,000	5,000	-
52114 OPR-LABORATORY SERVICES-GBRA	17,500	18,000	500
52118 OPR-DISPOSAL SERVICES	15,400	15,400	-
52120 OPR-UNIFORMS	1,000	1,000	-
52121 OPR-SAFETY & EMERGENCY EXPENSE	1,000	2,000	1,000
52123 OPR-EQUIPMENT RENTAL	6,654	6,655	1
52125 OPR-VEHICLE EXPENSE	4,000	2,000	(2,000)
52126 OPR-FLEET LEASE EXPENSE	1,670	4,940	3,270

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52133	OPR-SCADA	4,300	1,500	(2,800)
	Total Operating Supplies & Services	82,074	91,395	9,321
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	1,000	1,000	-
52219	OPR-CUSTOMER BILLING FEES	15,000	15,000	-
52222	OPR-MEMBERSHIPS & PUBLICATIONS	500	500	-
52223	OPR-LICENSE & TRAINING	1,200	1,500	300
52224	OPR-TRAVEL & MEETINGS	1,000	4,000	3,000
	Total Professional Services and Fees	18,700	22,000	3,300
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	800	600	(200)
52302	OPR-COMPUTER & SOFTWARE EXPENSE	100	750	650
52303	OPR-WIDE AREA NETWORK EXPENSE	-	3,000	3,000
52306	OPR-COMMUNICATIONS	1,500	1,500	-
	Total Office Expenses	2,400	5,850	3,450
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	2,419	2,122	(297)
52430	OPR-MISC EXPENSE	1,000	1,000	-
	Total Other Operating Expenses	3,419	3,122	(297)
	SUBTOTAL OF OPERATIONAL EXPENSES	232,630	259,932	27,302
	Structures			
53205	M&R-PUMPS AND MOTORS	1,500	2,000	500
	Total Structures	1,500	2,000	500
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	12,000	12,000	-
	Total Other Maintenance & Repairs	12,000	12,000	-
	SUBTOTAL OF M&R EXPENSES	13,500	14,000	500
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	29,603	32,311	2,708
	Total Administrative & General	29,603	32,311	2,708
	TOTAL OPERATING AND M&R EXPENSES	275,733	306,243	30,510
	Net Operating Income	-	-	-
	Net Change in Fund Balance	-	-	-



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: \$101,732

Western Canyon Division

Boerne ISD Voss Middle School Wastewater Treatment Facility

Operating Plan for Fiscal Year Ending 8/31/22

BACKGROUND

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

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

REVENUE SOURCES AND TRENDS

The operating agreement with Boerne ISD provides that GBRA will bill the District the actual cost of operating and maintaining the plant. As a result, revenue is matched to expenses and GBRA does not over-recover nor under-recover the cost of operating the plant. This work plan is based upon a 12-month FY 2022 budget year. Estimated annual cost of operations is \$101,732.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The total operating expenditure budget for FY 2022 amounts to \$101,732.

In addition to personnel costs, other significant operating and maintenance expenses are chemicals at \$3,500, laboratory services and expenses at \$11,500 and disposal services at \$10,000. Utility expenses are paid directly by the school district. The agreement allows for the purchase of a portable lab/office and records storage building by GBRA with the expense billed back over the life of the contract. The estimated payment is \$4,300 annually. The asset will convey to Boerne ISD at end of contract.

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

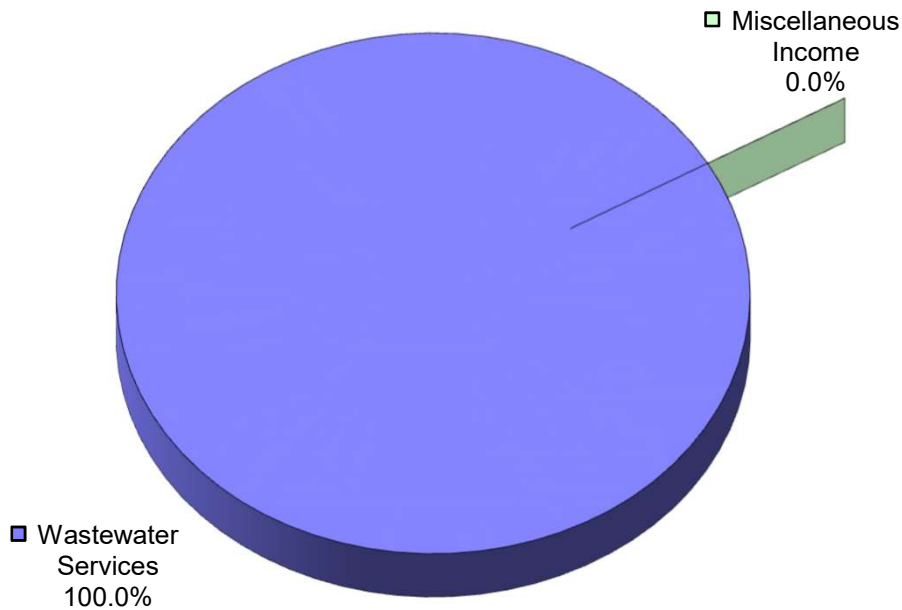
FUND BALANCE

Since this System represents a contract operation, in which GBRA does not over-recover nor under-recover its costs, the net change in fund balance for FY 2022 is \$0.



Budget Summary

REVENUES -BOERNE ISD WWTP

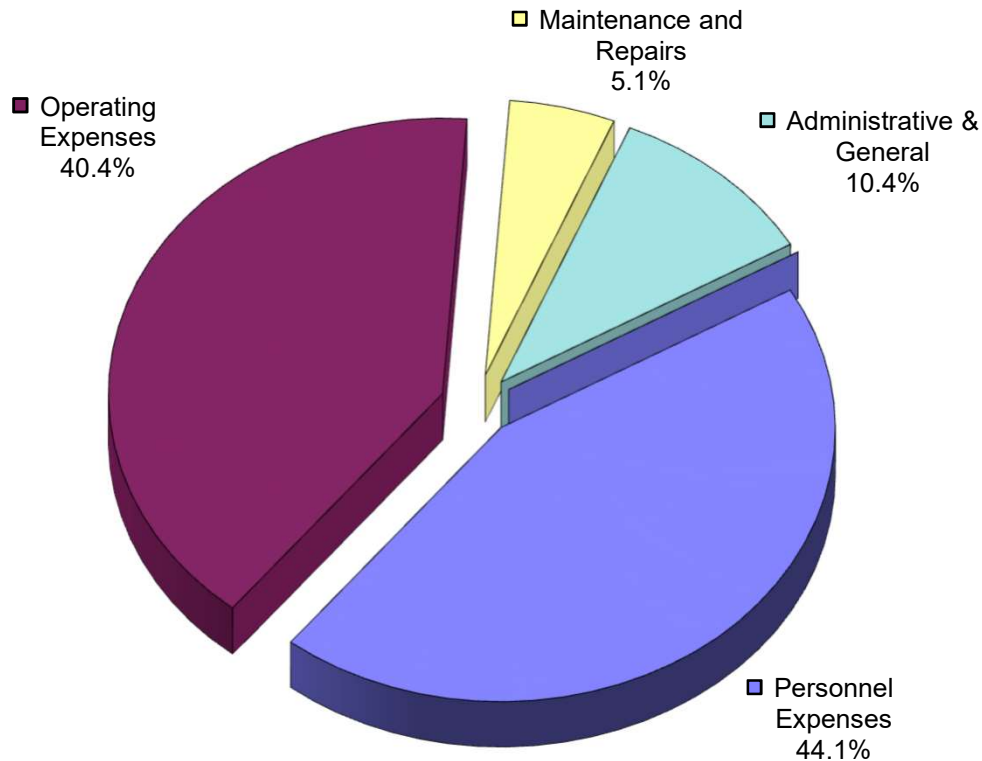


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services	68,391	92,597	101,732
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	68,391	92,597	101,732
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	68,391	92,597	101,732



Budget Summary

EXPENSES - BOERNE ISD WWTP



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	31,645	34,916	43,015
Operating Expenses	26,590	40,180	39,314
Maintenance and Repairs		5,000	5,000
Administrative & General	7,433	8,201	10,103
Capital Expense & Outlay	2,723	4,300	4,300
Transfers			
Total Operating and M&R Expenses	68,391	92,597	101,732
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	68,391	92,597	101,732

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

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

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wastewater Treatment				
41201	WW-OPR & MAINTENANCE	92,597	101,732	9,135
	Total Wastewater Treatment	92,597	101,732	9,135
	Total Operating Revenue	92,597	101,732	9,135
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	17,786	22,666	4,880
51102	LBR-OVERTIME	7,065	7,950	885
	Total Salaries	24,851	30,616	5,765
Benefits				
51298	BEN-BENEFIT ALLOCATION	10,065	12,399	2,334
	Total Benefits	10,065	12,399	2,334
Operating Supplies & Services				
52103	OPR-CHEMICALS	7,900	3,500	(4,400)
52110	OPR-SMALL TOOLS AND SUPPLIES	1,000	1,000	-
52113	OPR-LAB SUPPLIES	1,500	1,500	-
52114	OPR-LABORATORY SERVICES-GBRA	8,250	10,000	1,750
52118	OPR-DISPOSAL SERVICES	10,000	10,000	-
52120	OPR-UNIFORMS	1,000	1,000	-
52125	OPR-VEHICLE EXPENSE	4,000	4,000	-
52126	OPR-FLEET LEASE EXPENSE	1,514	1,514	-
52133	OPR-SCADA	-	500	500
	Total Operating Supplies & Services	35,164	33,014	(2,150)
Professional Services and Fees				
52205	OPR-PROFESSIONAL SERVICES-OTHER	1,500	1,500	-
52223	OPR-LICENSE & TRAINING	500	1,500	1,000
	Total Professional Services and Fees	2,000	3,000	1,000

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	1,000	1,000	-
52306	OPR-COMMUNICATIONS	800	800	-
	Total Office Expenses	1,800	1,800	-
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	1,216	1,500	284
	Total Other Operating Expenses	1,216	1,500	284
	SUBTOTAL OF OPERATIONAL EXPENSES	75,096	82,329	7,233
	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	8,201	10,103	1,902
	Total Administrative & General	8,201	10,103	1,902
	Capital Expenses			
55001	CUSTOMER-OWNED CAPITAL EXPENSE	4,300	4,300	-
	Total Capital Expenses	4,300	4,300	-
	TOTAL OPERATING AND M&R EXPENSES	92,597	101,732	9,135
	Net Operating Income	-	-	-
	Net Change in Fund Balance	-	-	-



Port Lavaca WTP

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

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

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

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

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

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

-
- | | |
|---|---|
| • Service Provided: Water treatment | • Capacity: 6 MGD |
| • Location: Port Lavaca, TX | • # of Current Employees: 7 |
| • Startup Operation Date: 1970 | • Budgeted Operating Revenue: \$1,770,872 |
| • Principal Customer: City of Port Lavaca | • Expanded: 1993 |

Port Lavaca Water Treatment Plant Division

Operating Plan for Fiscal Year Ending 8/31/22

BACKGROUND

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

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

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

REVENUE SOURCES AND TRENDS

Each wholesale customer receiving a drinking water supply from the GBRA Port Lavaca Water Treatment Plant pays a pro-rata share of the total operating expenses of the Plant. The FY 2022 revenue is budgeted at \$1,770,872 which is a \$30,533 or 1.8% increase over the previous year.

Total treated water purchased by the City of Port Lavaca is forecast at 488.09 million gallons per year. The Port O'Connor ID will purchase an estimated 96.88 million gallons of treated water. The Calhoun County Rural Water Supply System will purchase an estimated 88.11 million gallons of treated water, based on that Division's forecast of customer connections. The total treated water forecast by the WTP for all three wholesale customers therefore sums to 673.08 million gallons or an average of 1.844 million gallons per day. The raw source or feed water delivered to the WTP by the Calhoun Canal Division for all three customers for treatment to potable drinking quality will cost 22.5¢ per 1,000 gallons. Raw water received from the GBRA Canal Division for the three wholesale customers as metered at the WTP's intake will total an estimated 745.071 million gallons.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Significant operating expenses for the upcoming Fiscal Year include \$112,080 for power and utilities. Alum, used as a coagulant, is budgeted at \$156,000. Potassium permanganate is used from time to time to control

taste and odor and to further enhance palatability of the finished water. A major capital addition will be the South Basin Rehab project, which includes the sandblasting and painting of the center column, sludge rakes, catwalks, and the flocculators. Other capital additions include four new Filter Effluent Turbidimeters with one new Controller and a new Lab Benchtop Turbidimeter. The total operating and maintenance expenditure budget for FY 2022 amounts to \$1,770,872.

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

FUND BALANCE

The operating expenditures that are summarized in the following pages, will be provided by revenues from the City of Port Lavaca, the Calhoun County Rural Water Supply System, and the Port O'Connor ID. Port Lavaca Water Treatment Plant division is a contract operation therefore the net change in fund balance for FY 2022 is \$0.



Staffing Summary

Port Lavaca WTP	# of Authorized Positions (FTE)		
	2020	2021	2022
Chief Operator	1	1	1
Secretary	1	1	1
Maintenance Chief	1	1	1
Operator	4	4	4
Total	7	7	7

Changes from FY 2020 to FY 2021

No staffing changes for this division.

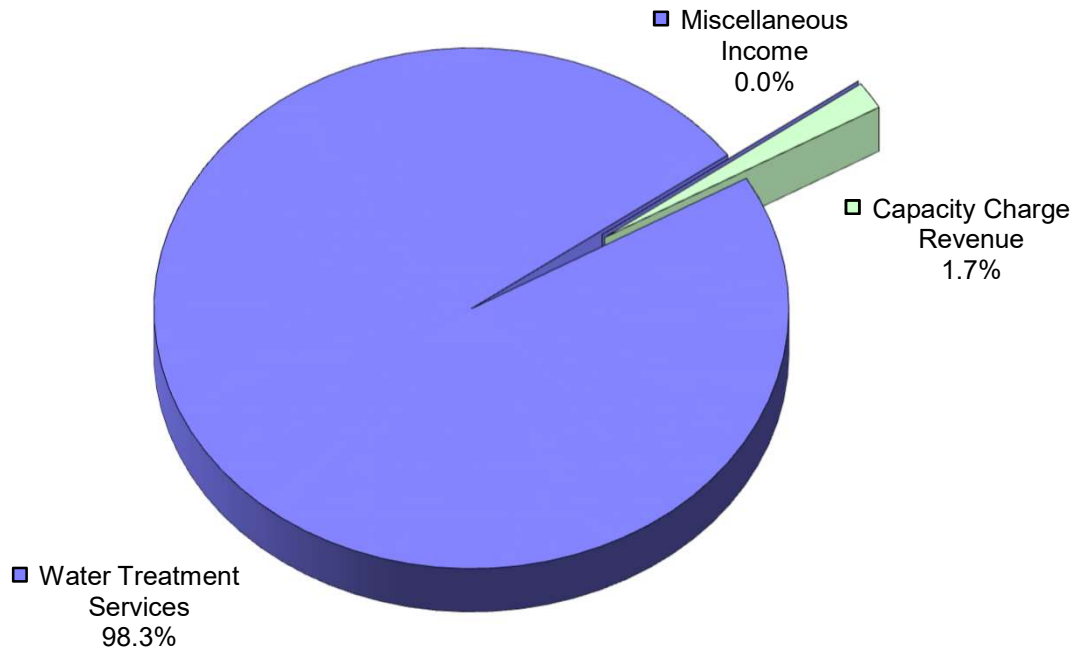
Changes from FY 2021 to FY 2022

No staffing changes for this division.



Budget Summary

REVENUES - PORT LAVACA WTP

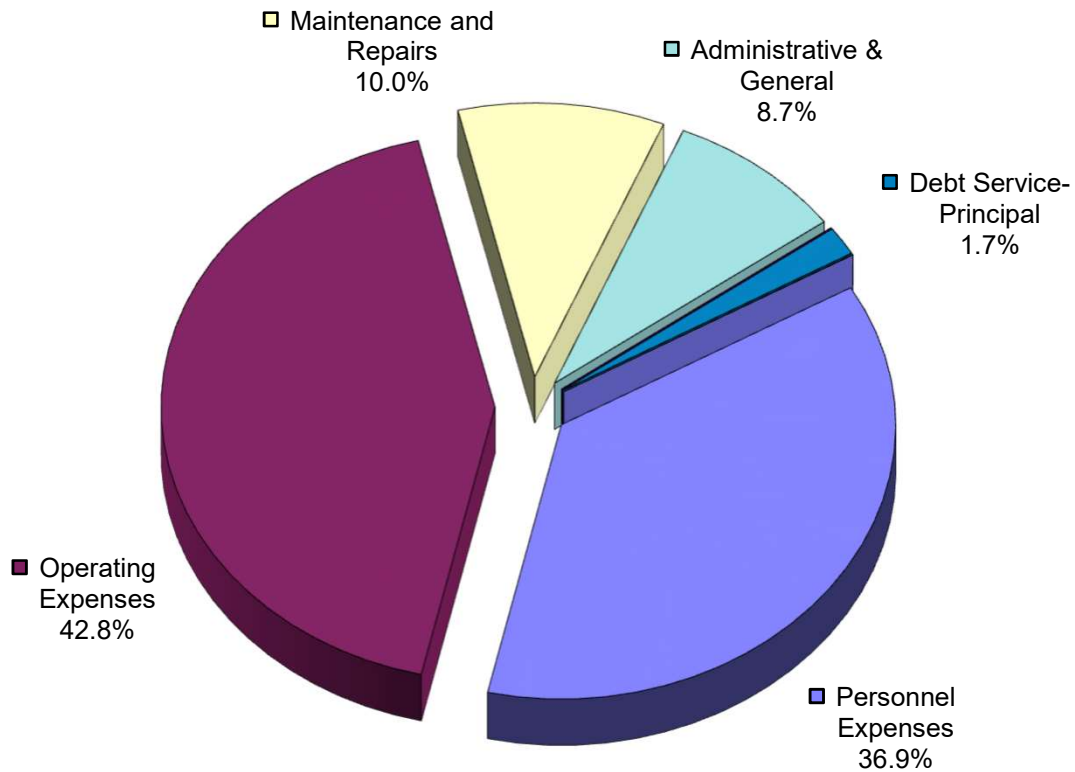


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services	1,603,266	1,740,339	1,770,872
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	100		
Total Operating Revenue	1,603,366	1,740,339	1,770,872
Capacity Charge Revenue	61,284	61,288	30,646
I/F Loan Repayments from Operations			
Grand Total Revenues	1,664,650	1,801,627	1,801,518



Budget Summary

EXPENSES - PORT LAVACA WTP



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	660,210	606,837	664,350
Operating Expenses	710,833	760,531	770,242
Maintenance and Repairs	78,804	230,440	180,240
Administrative & General	153,315	142,531	156,040
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	1,603,162	1,740,339	1,770,872
Debt Service-Principal	56,837	58,760	30,284
Debt Service-Interest	4,876	2,528	362
Debt Service-Bond Covenant Fund			
Grand Total Expenses	1,664,875	1,801,627	1,801,518

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**060 - Port Lavaca WTP
Department ***

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Water Treatment			
41110 PL-RAW WATER DELIVERY	118,306	123,808	5,502
41111 PL-PLANT O&M INCOME	989,555	1,008,242	18,687
41112 PL-PLANT A&G INCOME	98,826	109,389	10,563
41115 POC-RAW WATER PURCHASES	21,607	22,613	1,006
41116 POC-PLANT O&M INCOME	257,192	250,966	(6,226)
41117 POC-PLANT A&G INCOME	24,870	26,436	1,566
41125 RW-RAW WATER PURCHASE	20,277	21,220	943
41126 RW-WATER TREATMENT	190,871	187,983	(2,888)
41127 RW-PLANT A&G INCOME	18,835	20,215	1,380
Total Water Treatment	1,740,339	1,770,872	30,533
Total Operating Revenue	1,740,339	1,770,872	30,533
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	400,022	420,264	20,242
51102 LBR-OVERTIME	31,890	52,583	20,693
Total Salaries	431,912	472,847	40,935
Benefits			
51298 BEN-BENEFIT ALLOCATION	174,925	191,503	16,578
Total Benefits	174,925	191,503	16,578
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	112,080	112,080	-
52102 OPR-AUXILIARY POWER EXPENSE	6,000	-	(6,000)
52103 OPR-CHEMICALS	239,300	241,800	2,500
52110 OPR-SMALL TOOLS AND SUPPLIES	960	960	-
52113 OPR-LAB SUPPLIES	26,440	26,440	-
52114 OPR-LABORATORY SERVICES-GBRA	2,400	2,400	-
52115 OPR-LABORATORY SERVICES-OUTSOURCED	3,500	3,500	-

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52120	OPR-UNIFORMS	4,300	4,800	500
52121	OPR-SAFETY & EMERGENCY EXPENSE	4,000	4,000	-
52122	OPR-SECURITY EXPENSE	2,760	2,760	-
52124	OPR-EQUIPMENT EXPENSE	5,764	5,764	-
52125	OPR-VEHICLE EXPENSE	5,340	5,340	-
52126	OPR-FLEET LEASE EXPENSE	9,600	9,600	-
52133	OPR-SCADA	1,550	1,550	-
52145	OPR-CONTRACT LABOR	40,000	40,000	-
52150	OPR-WATER PURCHASES/DELIVERY	160,190	167,641	7,451
	Total Operating Supplies & Services	624,184	628,635	4,451
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	6,000	6,000	-
52217	OPR-INSPECTION FEES	360	360	-
52222	OPR-MEMBERSHIPS & PUBLICATIONS	1,200	1,200	-
52223	OPR-LICENSE & TRAINING	4,495	4,495	-
52224	OPR-TRAVEL & MEETINGS	4,000	4,000	-
	Total Professional Services and Fees	16,055	16,055	-
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	4,600	4,600	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	2,650	5,950	3,300
52306	OPR-COMMUNICATIONS	7,600	10,200	2,600
52322	OPR-MEDIA EXPENSE	1,068	1,067	(1)
	Total Office Expenses	15,918	21,817	5,899
	Other Operating Expenses			
52403	OPR-OFFICE/BUILDING RENTAL	2,112	2,112	-
52420	OPR-INSURANCE EXPENSE	92,712	92,073	(639)
52430	OPR-MISC EXPENSE	9,550	9,550	-
	Total Other Operating Expenses	104,374	103,735	(639)
	SUBTOTAL OF OPERATIONAL EXPENSES	1,367,368	1,434,592	67,224
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	87,236	109,000	21,764
53105	M&R-GENERATORS	-	6,000	6,000
53110	M&R-CONTROL SYSTEMS	6,480	6,480	-
53115	M&R-METERS	2,160	2,160	-
	Total Maintenance and Repair Equipment	95,876	123,640	27,764
	Structures			
53201	M&R-BUILDING	14,700	14,700	-
53202	M&R-CLEARWELLS	1,800	1,800	-
53205	M&R-PUMPS AND MOTORS	13,680	13,680	-

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
53210	M&R-GATES AND VALVES	5,640	5,640	-
53238	M&R-FILTERS	85,964	8,000	(77,964)
	Total Structures	121,784	43,820	(77,964)
	Other Maintenance & Repairs			
53301	M&R-ROADS	100	100	-
53310	M&R-GROUNDS/ROW	1,200	1,200	-
53320	M&R-PONDS AND LAGOONS	8,000	8,000	-
53399	M&R-MISC EXPENSE	3,480	3,480	-
	Total Other Maintenance & Repairs	12,780	12,780	-
	SUBTOTAL OF M&R EXPENSES	230,440	180,240	(50,200)
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	142,531	156,040	13,509
	Total Administrative & General	142,531	156,040	13,509
	TOTAL OPERATING AND M&R EXPENSES	1,740,339	1,770,872	30,533
	Net Operating Income	-	-	-

DEBT SERVICE BUDGET

	Capacity Charge Revenue			
41119	POC-DEBT SERVICE	35,081	17,542	(17,539)
41129	RW-DEBT SERVICE	26,207	13,104	(13,103)
	Total Capacity Charge Revenue	61,288	30,646	(30,642)
	Total Debt Revenue	61,288	30,646	(30,642)
	Principal Payments Expense			
21105	LOAN-2008 CLEARWELL, Frost	58,760	30,284	(28,476)
	Total Principal Payments Expense	58,760	30,284	(28,476)
	Interest Expense			
57102	INT-CLEARWELL, Frost	2,528	362	(2,166)
	Total Interest Expense	2,528	362	(2,166)
	Total Debt Expense	61,288	30,646	(30,642)
	Net Change in Debt Service Budget	-	-	-

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
Net Change in Fund Balance	-	-	-



Sewer tap installation at
Crestview

Rural Water

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

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

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

<ul style="list-style-type: none">• Service Provided: Water distribution• Location: Port Lavaca, TX• Startup Operation Date: April 2, 1973• Service Area: Calhoun County, TX	<ul style="list-style-type: none">• Budgeted Water Distributed: 83,000,000• # of Current Employees: 6• Budgeted Revenue: \$1,777,756
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Calhoun County Rural Water Supply Division

Operating Plan for Fiscal Year Ending 8/31/22

BACKGROUND

This Work Plan and Budget describes the operations, maintenance and capital additions to be accomplished by the GBRA Calhoun County Rural Water Supply Division during FY 2022. The objectives are to operate and maintain the Rural Water Division to meet the water demand of customers with minimal service interruptions and to provide a safe supply of drinking water that meets or exceeds all state and federal water quality standards. The Division is also responsible for the operation of a small wastewater collection and treatment system located in the Crestview subdivision.

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

REVENUE SOURCES AND TRENDS

The Rural Water Division receives revenue from three principal sources. The largest of the three sources represents retail sales for water provided to the Division's customers. The FY 2022 water sales revenue budget is estimated at \$1,711,756 based on the 1,550 customers receiving a total retail volume of treated water at their meters of 88.11 MG.

A conservation block rate was implemented during FY 2017 to help curtail excessive use of water that occurs in some limited cases. The monthly water rates that the Division charges for meters of all sizes will be based on the minimum charge of \$68.00 for the standard residential meter, with larger sizes utilizing multiples of this minimum amount. For the standard 5/8-inch residential meter, by far the most common unit in the system, the rates for FY 2022 are as follows:

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

A second source of revenue is the combined membership and tap fees paid by new customers. The standard tap fee for a residential meter is based on estimated meter installation costs, including a maximum of 200 feet of additional distribution pipeline. The standard tap fee will remain at \$1,000 and the membership fee will remain at \$1,200 for FY 2022. The addition of 30 new connections is estimated during the fiscal year, totaling fee revenue of \$66,000.

GBRA's Rural Water System began operating the Crestview wastewater plant and collection system in February 1999. This small plant provides a third source of revenue for the Division. The revenue from the Crestview System is projected at \$63,500 for FY 2022 based on a monthly rate of \$75/connection. A replacement package plant was installed in FY 21 to improve the treatment process for the 65 connections on the system.

CAPITAL ADDITIONS AND OPERATING EXPEDITURES

In addition to personnel related costs, other significant operating expenses for the upcoming fiscal year include \$10,500 for power & utilities, \$13,000 for disposal services, \$48,050 for software, data connectivity, and office expenses, and \$35,000 for engineering and other professional services.

The maintenance and repair portion of the budget totals \$331,060 and includes funds for water lines, meters, meter boxes, pumps and motors, including \$230,000 to upsize and loop water mains. Capital expenditures include \$10,000 for Scada for the new Crestview Plant.

Interdivision water purchases for FY 2022 are budgeted at \$372,287. This amount is a sum of the charges for raw water purchased from Canyon Lake and the transportation to the GBRA Port Lavaca Water Treatment Plant.

To serve customers north of the water treatment plant, the Division uses water lines owned and maintained by the City of Port Lavaca. The City charges the Division \$1.00 per 1,000 gallons for this service for a total estimated cost of \$45,000 for FY 2022.

FUND BALANCE

Funding of capital additions and operating expenditures as summarized in the following pages is normally provided by revenues from retail customer billings, as well as tap and membership fees. The fund balance after accounting for all budgeted sources of funds from customers and all uses of those funds for FY 2022 will be \$81,111.



Rural Water Distribution	# of Authorized Positions (FTE)		
	2020	2021	2022
Chief Operator	1	1	1
Maintenance Operator	3	3	4
Customer Service Assistant	1	1	1
Total	5	5	6

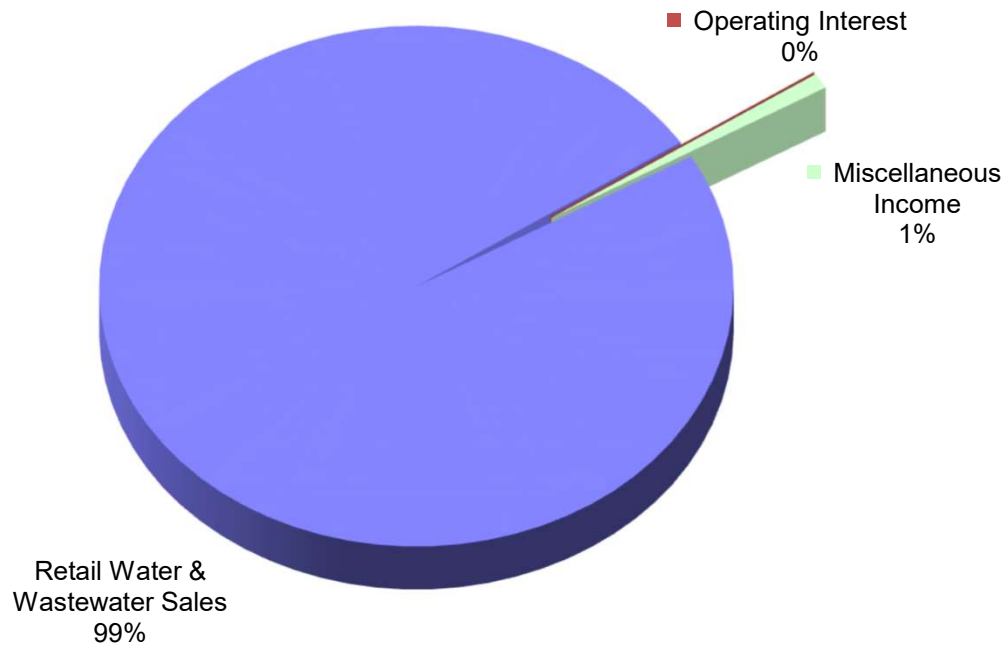
No staffing changes for this division.

1-Operator position was added for this division.



Budget Summary

REVENUES - RURAL WATER

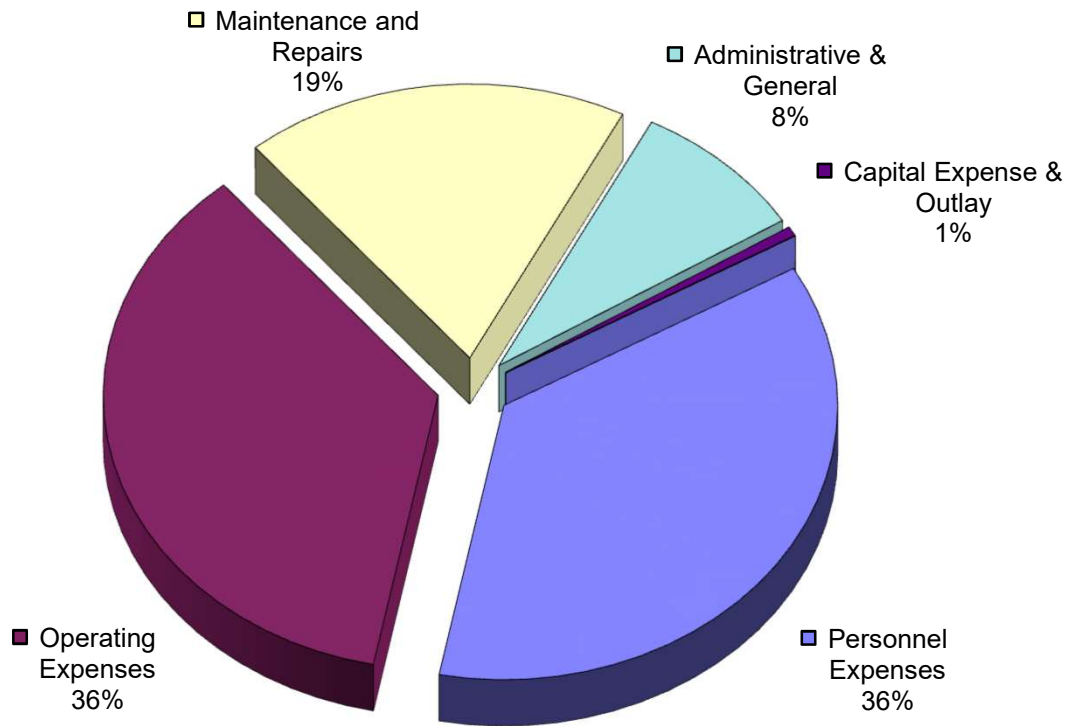


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	1,546,915	1,775,300	1,841,256
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest	6,020	525	550
Grant & Interlocal Agreement Income			
Miscellaneous Income	15,350	18,000	18,000
Total Operating Revenue	1,568,285	1,793,825	1,859,806
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	1,568,285	1,793,825	1,859,806



Budget Summary

EXPENSES - RURAL WATER



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	550,680	556,834	647,970
Operating Expenses	474,174	604,809	637,473
Maintenance and Repairs	117,745	93,560	331,060
Administrative & General	128,097	130,787	152,192
Capital Expense & Outlay	10,149	110,000	10,000
Transfers			
Total Operating and M&R Expenses	1,280,845	1,495,990	1,778,695
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	1,280,845	1,495,990	1,778,695

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**070 - Rural Water
Department ***

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Water Sales				
42301	WATER SALES	1,659,800	1,711,756	51,956
42310	WATER CONNECTION FEES	24,000	30,000	6,000
42320	WATER MEMBERSHIP FEES	28,000	36,000	8,000
	Total Retail Water Sales	1,711,800	1,777,756	65,956
Retail Wastewater				
42401	WASTEWATER SERVICES	58,500	58,500	-
42402	SEWER CONNECTION/INSP FEES	5,000	5,000	-
	Total Retail Wastewater	63,500	63,500	-
Operating Interest				
44110	INT-OPR INVESTMENT FUNDS	525	550	25
	Total Operating Interest	525	550	25
Misc Income				
45195	MISCELLANEOUS REVENUES	18,000	18,000	-
	Total Misc Income	18,000	18,000	-
	Total Operating Revenue	1,793,825	1,859,806	65,981
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	376,061	437,699	61,638
51102	LBR-OVERTIME	20,262	23,489	3,227
	Total Salaries	396,323	461,188	64,865
Benefits				
51298	BEN-BENEFIT ALLOCATION	160,511	186,782	26,271
	Total Benefits	160,511	186,782	26,271
Operating Supplies & Services				

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52101	OPR-POWER & UTILITIES	15,560	10,500	(5,060)
52103	OPR-CHEMICALS	2,000	3,400	1,400
52110	OPR-SMALL TOOLS AND SUPPLIES	3,200	4,000	800
52113	OPR-LAB SUPPLIES	4,200	10,600	6,400
52114	OPR-LABORATORY SERVICES-GBRA	1,200	1,200	-
52115	OPR-LABORATORY SERVICES-OUTSOURCED	7,000	9,500	2,500
52118	OPR-DISPOSAL SERVICES	16,000	13,000	(3,000)
52120	OPR-UNIFORMS	3,600	3,600	-
52121	OPR-SAFTY & EMERGENCY EXPENSE	2,400	3,000	600
52122	OPR-SECURITY EXPENSE	2,760	2,760	-
52124	OPR-EQUIPMENT EXPENSE	5,400	5,400	-
52125	OPR-VEHICLE EXPENSE	8,500	8,500	-
52126	OPR-FLEET LEASE EXPENSE	9,600	7,200	(2,400)
52133	OPR-SCADA	1,550	1,550	-
52145	OPR-CONTRACT LABOR	1,200	1,200	-
52150	OPR-WATER PURCHASES/DELIVERY	350,624	372,287	21,663
52155	OPR-TRANSMISSION CHARGES	45,000	45,000	-
	Total Operating Supplies & Services	479,794	502,697	22,903
	Professional Services and Fees			
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	20,000	20,000	-
52205	OPR-PROFESSIONAL SERVICES-OTHER	15,000	15,000	-
52216	OPR-REGULATORY FEES	7,220	7,600	380
52217	OPR-INSPECTION FEES	3,000	3,000	-
52222	OPR-MEMBERSHIPS & PUBLICATIONS	1,200	1,200	-
52223	OPR-LICENSE & TRAINING	4,800	4,800	-
52224	OPR-TRAVEL & MEETINGS	2,400	2,400	-
	Total Professional Services and Fees	53,620	54,000	380
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	10,000	10,000	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	10,550	13,850	3,300
52305	OPR-POSTAGE AND FREIGHT EXPENSE	7,000	8,500	1,500
52306	OPR-COMMUNICATIONS	4,600	12,100	7,500
52322	OPR-MEDIA EXPENSE	3,600	3,600	-
	Total Office Expenses	35,750	48,050	12,300
	Other Operating Expenses			
52403	OPR-OFFICE/BUILDING RENTAL	4,272	4,272	-
52404	OPR-RIGHT OF WAY	9,840	10,135	295
52420	OPR-INSURANCE EXPENSE	18,733	15,519	(3,214)
52430	OPR-MISC EXPENSE	2,800	2,800	-
	Total Other Operating Expenses	35,645	32,726	(2,919)
	SUBTOTAL OF OPERATIONAL EXPENSES	1,161,643	1,285,443	123,800

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	7,200	7,200	-
53115	M&R-METERS	30,000	37,500	7,500
	Total Maintenance and Repair Equipment	37,200	44,700	7,500
	Structures			
53201	M&R-BUILDING	4,400	4,400	-
53205	M&R-PUMPS AND MOTORS	4,000	4,000	-
53216	M&R-PUMPSTATIONS	13,600	13,600	-
53230	M&R-PIPELINES	-	230,000	230,000
53235	M&R-TRANSMISSION LINES	24,000	24,000	-
	Total Structures	46,000	276,000	230,000
	Other Maintenance & Repairs			
53301	M&R-ROADS	100	100	-
53310	M&R-GROUNDS/ROW	260	260	-
53399	M&R-MISC EXPENSE	10,000	10,000	-
	Total Other Maintenance & Repairs	10,360	10,360	-
	SUBTOTAL OF M&R EXPENSES	93,560	331,060	237,500
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	130,787	152,192	21,405
	Total Administrative & General	130,787	152,192	21,405
	Capital Outlay			
13216	COMMUNICATION EQUIPMENT	-	10,000	10,000
13217	AUTO & HEAVY EQUIPMENT	110,000	-	(110,000)
	Total Capital Outlay	110,000	10,000	(100,000)
	TOTAL OPERATING AND M&R EXPENSES	1,495,990	1,778,695	282,705
	Net Operating Income	297,835	81,111	(216,724)
	Net Change in Fund Balance	297,835	81,111	(216,724)

Rural Water - Capital Outlay Expense

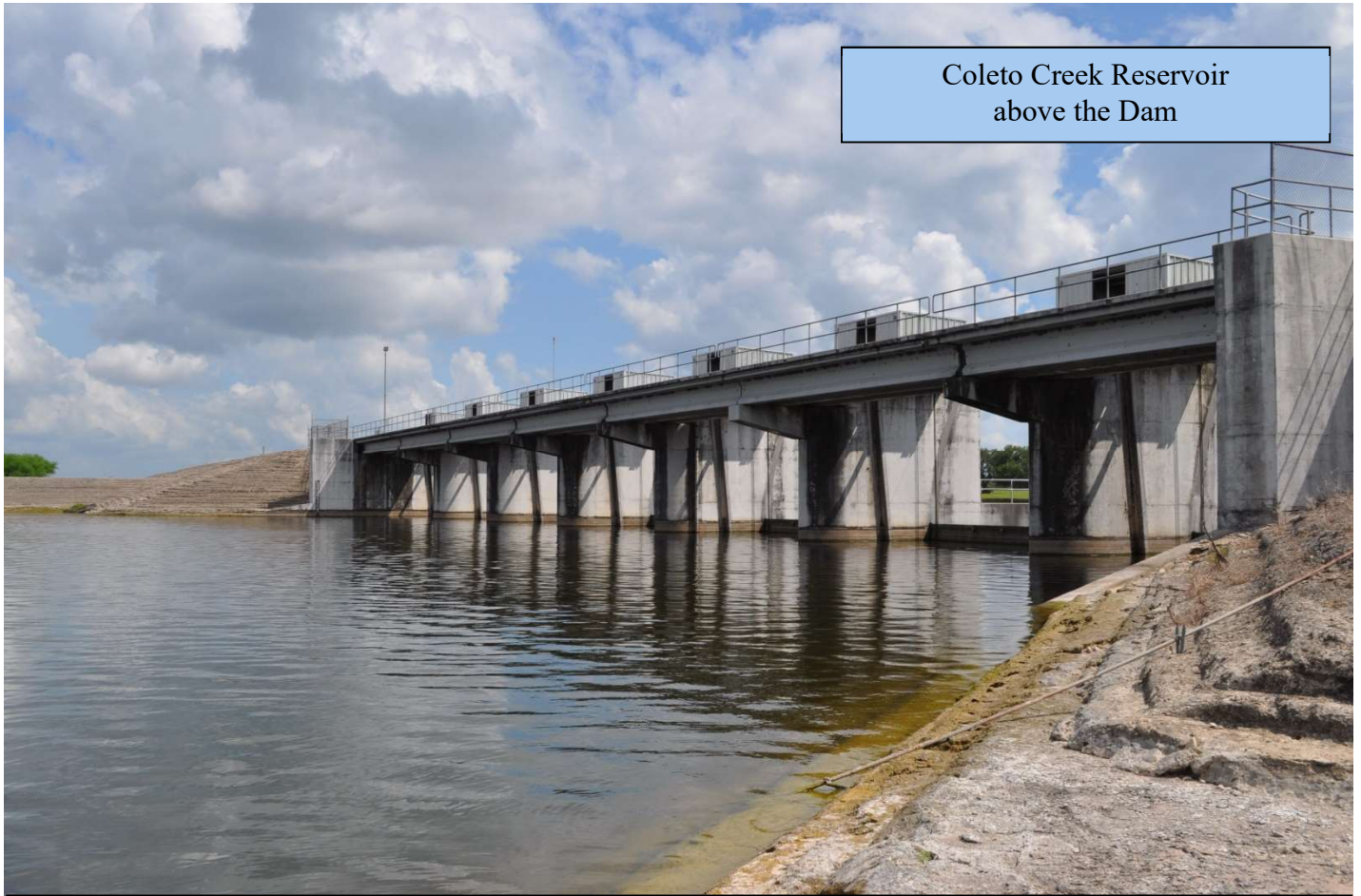
Description	FY 2022
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Capital Outlay Funded From Current Revenues

SCADA-new Crestview WWTP	\$	10,000
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Total Rural Water Capital Outlay Expense	\$	10,000
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Coleto Creek Reservoir
above the Dam



Coleto Creek Reservoir

The Coleto 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 Coleto 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: \$935,319 |
| • Customer: Vistra Energy | |

Coletto Creek Division

Coletto Creek Reservoir System

Operating Plan for Fiscal Year Ending 8/31/22

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 2022. 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 out electricians 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 \$935,319 compared to budgeted revenue of \$918,716 for FY2021.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Significant operating expenses for the ensuing Fiscal Year include \$20,209 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 \$17,500 is budgeted under professional fees including \$15,000 for the biennial Walkover Inspection.

Significant maintenance and repair expenses for the ensuing fiscal year include \$12,500 for the annual installation of stop logs in front of two of the seven spillgates that makeup the main spillway for inspection of the skin plate, cathodic protection system, and replacement of hoist connecting U-bolts.

The total operating and maintenance expenditures budgeted are \$935,319.

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 Coleta 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 2022 amounts to \$0.



Staffing Summary

Coleta Creek Reservoir	# of Authorized Positions (FTE)		
	2020	2021	2022
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 2020 to FY 2021

No staffing changes for this division.

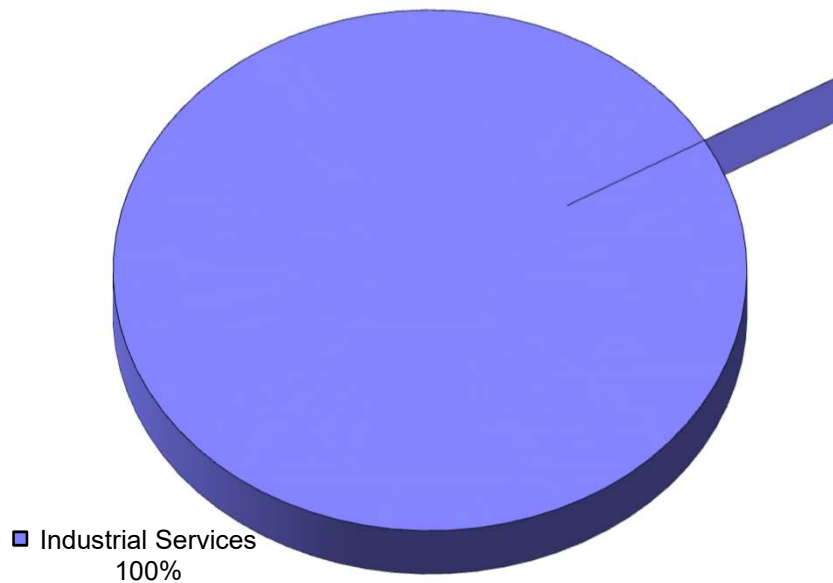
Changes from FY 2021 to FY 2022

No staffing changes for this division.



Budget Summary

REVENUES - COLETO RESERVOIR

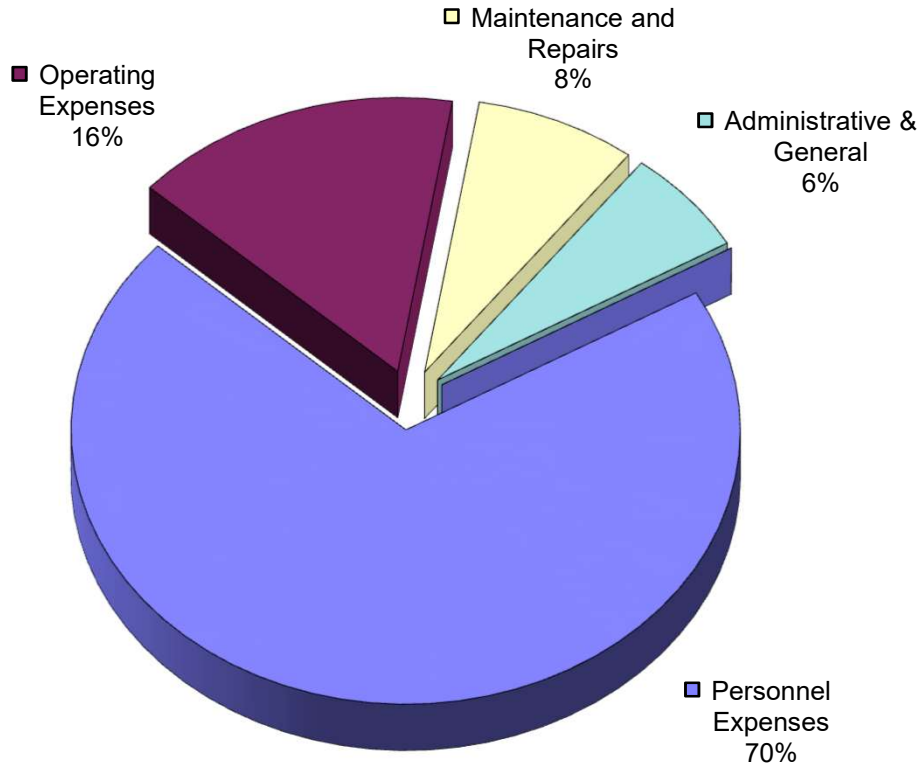


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services	892,951	918,716	935,319
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	77		
Total Operating Revenue	893,028	918,716	935,319
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	893,028	918,716	935,319



Budget Summary

EXPENSES - COLETO RESERVOIR



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	624,677	641,603	655,175
Operating Expenses	140,972	161,176	148,725
Maintenance and Repairs	75,138	62,350	73,050
Administrative & General	52,241	53,587	58,369
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	893,028	918,716	935,319
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	893,028	918,716	935,319

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**091 - Coletto Creek Reservoir
Department ***

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Industrial				
41401	COLETO CREEK POWER-O&M EXP	865,129	876,950	11,821
41402	COLETO CREEK POWER-A&G EXP	53,587	58,369	4,782
	Total Industrial	918,716	935,319	16,603
	Total Operating Revenue	918,716	935,319	16,603
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	443,257	451,125	7,868
51102	LBR-OVERTIME	13,400	15,192	1,792
	Total Salaries	456,657	466,317	9,660
Benefits				
51298	BEN-BENEFIT ALLOCATION	184,946	188,858	3,912
	Total Benefits	184,946	188,858	3,912
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	19,000	19,000	-
52102	OPR-AUXILIARY POWER EXPENSE	2,500	11,000	8,500
52110	OPR-SMALL TOOLS AND SUPPLIES	3,800	3,800	-
52114	OPR-LABORATORY SERVICES-GBRA	250	250	-
52115	OPR-LABORATORY SERVICES-OUTSOURCED	250	250	-
52120	OPR-UNIFORMS	4,600	4,600	-
52121	OPR-SAFTY & EMERGENCY EXPENSE	13,500	3,700	(9,800)
52122	OPR-SECURITY EXPENSE	2,400	2,400	-
52124	OPR-EQUIPMENT EXPENSE	5,000	5,000	-
52125	OPR-VEHICLE EXPENSE	20,000	20,000	-
	Total Operating Supplies & Services	71,300	70,000	(1,300)
Professional Services and Fees				
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	23,000	17,500	(5,500)
52211	OPR-USGS MONITORING	20,209	20,209	-

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52222 OPR-MEMBERSHIPS & PUBLICATIONS	1,600	1,600	-
52223 OPR-LICENSE & TRAINING	3,000	3,000	-
52224 OPR-TRAVEL & MEETINGS	3,500	3,500	-
Total Professional Services and Fees	51,309	45,809	(5,500)
Office Expenses			
52301 OPR-OFFICE SUPPLIES	4,800	3,200	(1,600)
52302 OPR-COMPUTER & SOFTWARE EXPENSE	8,000	3,700	(4,300)
52304 OPR-COPY SUPPLIES AND SERVICES	-	1,600	1,600
52306 OPR-COMMUNICATIONS	4,000	7,500	3,500
52331 OPR-JANITORIAL SUPPLIES AND SERVICE	2,400	2,400	-
Total Office Expenses	19,200	18,400	(800)
Other Operating Expenses			
52420 OPR-INSURANCE EXPENSE	15,367	12,516	(2,851)
52430 OPR-MISC EXPENSE	4,000	2,000	(2,000)
Total Other Operating Expenses	19,367	14,516	(4,851)
SUBTOTAL OF OPERATIONAL EXPENSES	802,779	803,900	1,121
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	10,000	8,500	(1,500)
53110 M&R-CONTROL SYSTEMS	6,000	6,000	-
53115 M&R-METERS	2,400	2,400	-
53120 M&R-BOATS	600	600	-
Total Maintenance and Repair Equipment	19,000	17,500	(1,500)
Structures			
53201 M&R-BUILDING	1,800	1,800	-
53205 M&R-PUMPS AND MOTORS	1,000	1,000	-
53230 M&R-PIPELINES	500	10,000	9,500
53240 M&R-SPILLGATES	17,000	21,000	4,000
Total Structures	20,300	33,800	13,500
Other Maintenance & Repairs			
53301 M&R-ROADS	9,000	9,000	-
53310 M&R-GROUNDS/ROW	13,800	12,500	(1,300)
53399 M&R-MISC EXPENSE	250	250	-
Total Other Maintenance & Repairs	23,050	21,750	(1,300)
SUBTOTAL OF M&R EXPENSES	62,350	73,050	10,700
Administrative & General			
54100 ADMINISTRATIVE & GENERAL	53,587	58,369	4,782
Total Administrative & General	53,587	58,369	4,782

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
TOTAL OPERATING AND M&R EXPENSES	<u>918,716</u>	<u>935,319</u>	<u>16,603</u>
Net Operating Income	<u>-</u>	<u>-</u>	<u>-</u>
Net Change in Fund Balance	<u>-</u>	<u>-</u>	<u>-</u>



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Coletto 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.

-
- Service Provided: Water Recreation
 - Location: Fannin, TX
 - Startup Operation Date: 1981

-
- Customer: Public recreationalist
 - # of Current Employees: 7
 - Budgeted Revenue: \$989,950

Coletto Creek Division

Coletto Creek Recreation System

Operating Plan for Fiscal Year Ending 8/31/22

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 2022 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 \$985,450. The proposed fee schedule for FY 2022 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 \$46,000 for power and utilities, \$11,000 for vehicle expense, \$21,000 for bank fees due to park patrons using credit and debit cards, \$35,880 for office supplies, computer and software expenses, data connectivity, janitorial supplies and services, and \$12,949 for insurance expense.

Significant maintenance and repair expenses for the ensuing fiscal year includes \$23,500 for campground road maintenance, \$56,000 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 2022 include \$130,000 for the design and installation of a septic system for Camping Loop 1, and \$10,000 for a purchase of a small UTV to be utilized in the park.

FUND BALANCE

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



Staffing Summary

Coleto Creek Recreation	# of Authorized Positions (FTE)		
	2020	2021	2022
Chief Ranger	1	1	1
Reservoir Ranger	5	5	5
Administrative Assistant	1	1	1
Total	7	7	7

Changes from FY 2020 to FY 2021

No staffing changes for this division.

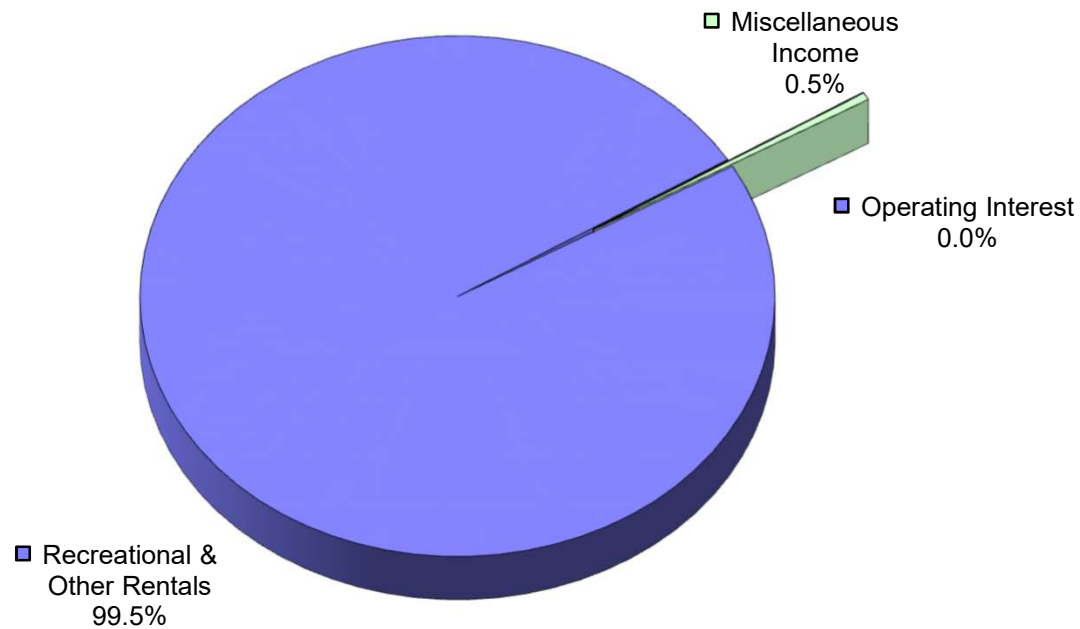
Changes from FY 2021 to FY 2022

No staffing changes for this division.



Budget Summary

REVENUES - COLETO RECREATION

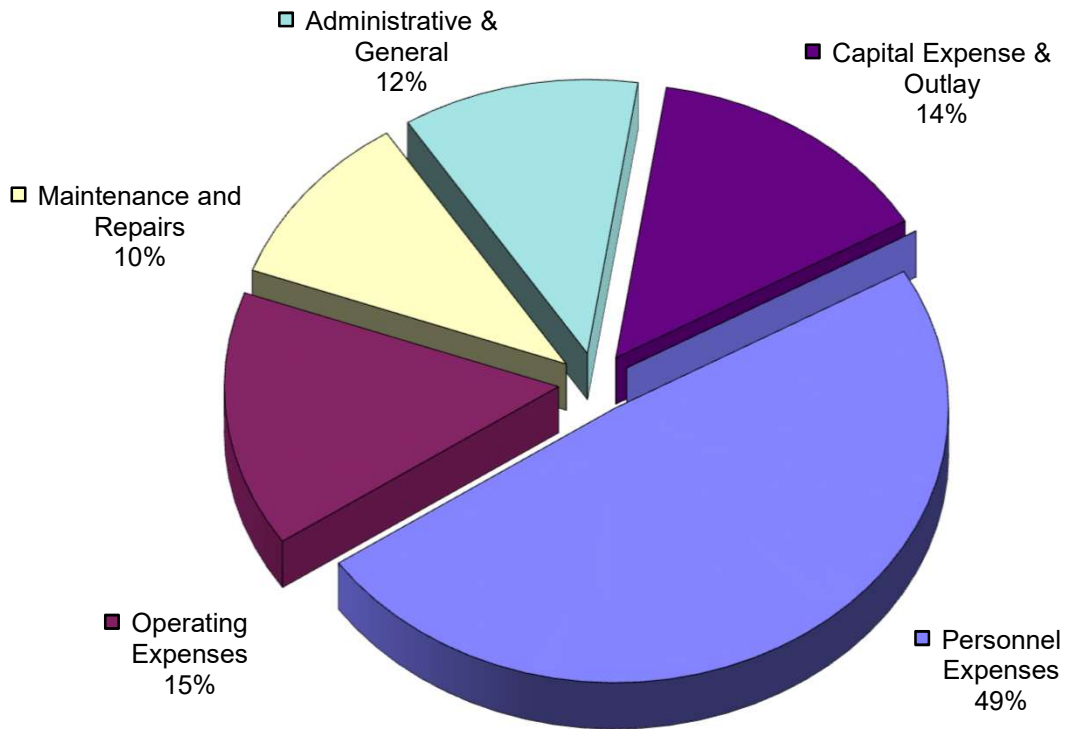


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals	730,578	990,265	985,450
Administrative & General			
Operating Interest	135		
Grant & Interlocal Agreement Income			
Miscellaneous Income	2,253	4,500	4,500
Total Operating Revenue	732,966	994,765	989,950
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	732,966	994,765	989,950



Budget Summary

EXPENSES - COLETO RECREATION



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	466,320	473,492	479,594
Operating Expenses	201,570	146,593	148,479
Maintenance and Repairs	62,953	91,800	102,200
Administrative & General	107,714	111,211	112,645
Capital Expense & Outlay		144,000	140,000
Transfers			
Total Operating and M&R Expenses	838,557	967,096	982,918
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	838,557	967,096	982,918

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**092 - Coletto Creek Recreation
Department ***

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Recreation & Other Rentals			
42902 REV-PARK ENTRY FEES	865,965	872,450	6,485
42915 REV-SPONSORSHIPS	8,250	3,000	(5,250)
42920 REV-HUNTING REVENUE	24,050	18,000	(6,050)
42922 REV-AG & LAND USE	92,000	92,000	-
Total Recreation & Other Rentals	990,265	985,450	(4,815)
Misc Income			
45195 MISCELLANEOUS REVENUES	4,500	4,500	-
Total Misc Income	4,500	4,500	-
Total Operating Revenue	994,765	989,950	(4,815)
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	316,056	316,777	721
51102 LBR-OVERTIME	20,949	24,571	3,622
Total Salaries	337,005	341,348	4,343
Benefits			
51298 BEN-BENEFIT ALLOCATION	136,487	138,246	1,759
Total Benefits	136,487	138,246	1,759
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	46,000	46,000	-
52114 OPR-LABORATORY SERVICES-GBRA	480	500	20
52115 OPR-LABORATORY SERVICES-OUTSOURCED	-	250	250
52120 OPR-UNIFORMS	1,200	1,200	-
52121 OPR-SAFETY & EMERGENCY EXPENSE	3,300	3,300	-
52124 OPR-EQUIPMENT EXPENSE	5,100	5,000	(100)
52125 OPR-VEHICLE EXPENSE	11,500	11,000	(500)
Total Operating Supplies & Services	67,580	67,250	(330)

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
Professional Services and Fees				
52220	OPR-BANK FEES	18,000	21,000	3,000
52222	OPR-MEMBERSHIPS & PUBLICATIONS	2,000	2,000	-
52223	OPR-LICENSE & TRAINING	2,500	2,000	(500)
52224	OPR-TRAVEL & MEETINGS	2,500	2,000	(500)
	Total Professional Services and Fees	25,000	27,000	2,000
Office Expenses				
52301	OPR-OFFICE SUPPLIES	5,880	5,880	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	8,000	3,800	(4,200)
52306	OPR-COMMUNICATIONS	4,800	9,000	4,200
52322	OPR-MEDIA EXPENSE	4,000	4,000	-
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	13,200	13,200	-
	Total Office Expenses	35,880	35,880	-
Other Operating Expenses				
52420	OPR-INSURANCE EXPENSE	12,733	12,949	216
52430	OPR-MISC EXPENSE	5,400	5,400	-
	Total Other Operating Expenses	18,133	18,349	216
	SUBTOTAL OF OPERATIONAL EXPENSES	620,085	628,073	7,988
Structures				
53201	M&R-BUILDING	4,000	4,000	-
53250	M&R-LAKE STRUCTURES	3,000	3,000	-
53251	M&R-PARK STRUCTURES	8,700	11,700	3,000
	Total Structures	15,700	18,700	3,000
Other Maintenance & Repairs				
53301	M&R-ROADS	23,600	23,500	(100)
53310	M&R-GROUNDS/ROW	4,000	4,000	-
53315	M&R-CAMP AND PICNIC SITES	48,500	56,000	7,500
	Total Other Maintenance & Repairs	76,100	83,500	7,400
	SUBTOTAL OF M&R EXPENSES	91,800	102,200	10,400
Administrative & General				
54100	ADMINISTRATIVE & GENERAL	111,211	112,645	1,434
	Total Administrative & General	111,211	112,645	1,434
Capital Outlay				
13201	STRUCTURES & IMPROVEMENTS	40,000	130,000	90,000
13217	AUTO & HEAVY EQUIPMENT	12,000	-	(12,000)
13219	MISCELLANEOUS EQUIPMENT	92,000	10,000	(82,000)

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
Total Capital Outlay	<u>144,000</u>	<u>140,000</u>	<u>(4,000)</u>
TOTAL OPERATING AND M&R EXPENSES	<u>967,096</u>	<u>982,918</u>	<u>15,822</u>
Net Operating Income	<u>27,669</u>	<u>7,032</u>	<u>(20,637)</u>
Net Change in Fund Balance	<u>27,669</u>	<u>7,032</u>	<u>(20,637)</u>

Coleto Creek Recreation - Capital Outlay Expense

Description	FY 2022
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Capital Outlay Funded From Current Revenues

Septic System for Pavillion C and RV Sites	\$	130,000
Small UTV-Park Host	\$	10,000
Total Coleto Creek Recreation Capital Outlay Expense		\$ 140,000



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 | • Service Population: 16,695 |
| • Location: Luling, TX | • Capacity: 2.5 MGD |
| • Startup Operation Date: 1978 | • # of Current Employees: 6 |
| • Customer: Cities of Luling & Lockhart | • Budgeted Revenue: \$1,498,973 |

Luling Water Treatment Plant Division Operating Plan for Fiscal Year ending 8/31/22

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 four operators work as a team to staff the plant; however this budget includes an additional operator. 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.

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 2022 Fiscal Year based on an estimated treated water delivery of 253.134 MG to the City of Luling and a treated water delivery of 405.465 MG to the City of Lockhart for a total delivery of 658.599 MG.

The total operating revenue budgeted to be received during FY 2022 is \$1,498,973 compared to budgeted revenue of \$1,487,169 for FY 2021. This 0.8% 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 \$66,189 for power and utilities at the Water Treatment Plant, \$37,693 for power and utilities at the Luling High Service Pump Station, \$78,618 for power costs to operate the treated water line to Lockhart, \$28,313 for chlorine used in the disinfection process, and \$79,229 for ferric chloride used in the coagulation process, \$25,994 for ammonia, and \$8,500 for fluoride. Another significant operating expenditure is the \$16,760 for laboratory expenses to include in-house lab expenses, outside lab testing fees and expenses and testing fees performed by the Texas Commission on Environmental Quality (TCEQ).

The maintenance and repair budget includes costs to ensure the reliability of pumps, motors, gates and valves. Within the current budget is \$14,000 to build a roof over the generator and \$31,000 for replacement of five filter monitors.

The total expenditure budget, exclusive of debt service payments, for FY 2022 amounts to \$1,496,823.

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 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 \$2,150 and a debt coverage factor of \$40,709 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 2022 is \$2,150.



Staffing Summary

Luling WTP	# of Authorized Positions (FTE)		
	2020	2021	2022
Chief Operator	1	1	1
Operators	4	4	5
Total	5	5	6

Changes from FY 2019 to FY 2020

No staffing changes for this division.

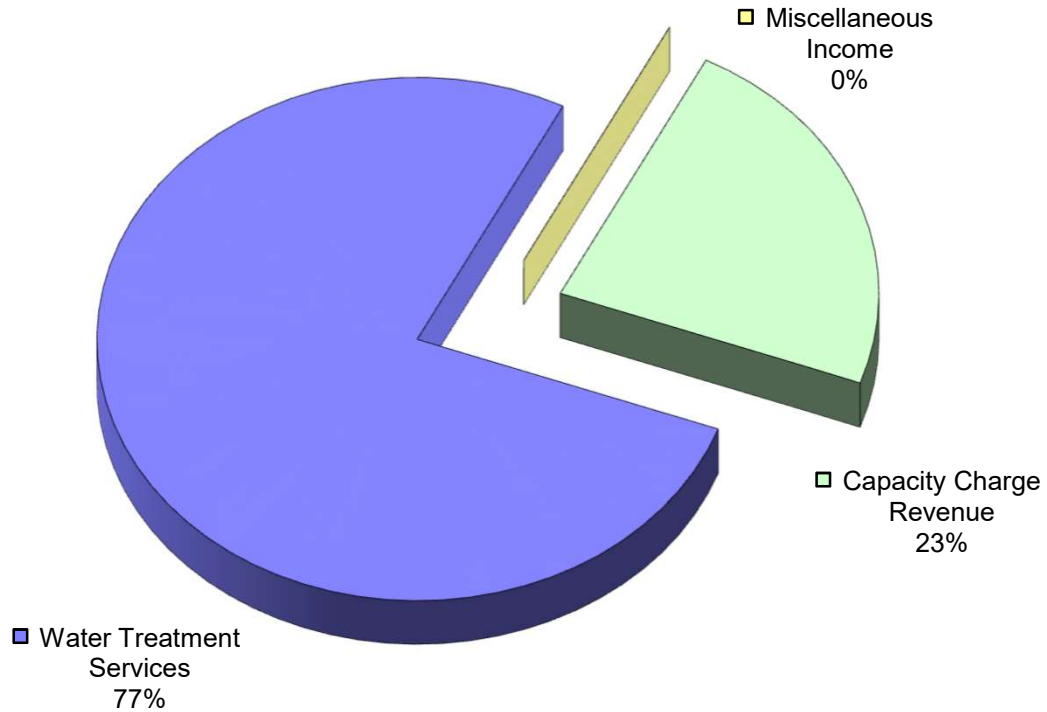
Changes from FY 2020 to FY 2021

1-Operator position was added for this division.



Budget Summary

REVENUES - LULING WTP

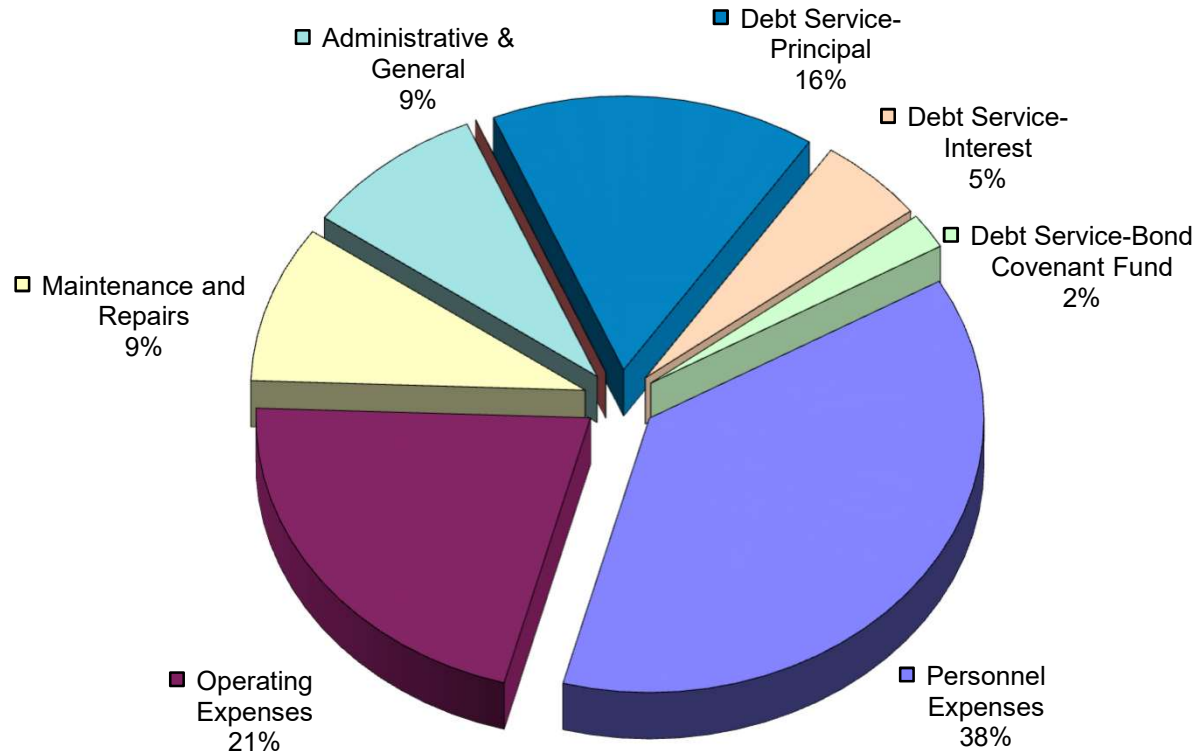


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services	1,612,213	1,486,569	1,496,823
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest	13,840	600	2,150
Grant & Interlocal Agreement Income			
Miscellaneous Income	164		
Total Operating Revenue	1,626,217	1,487,169	1,498,973
Capacity Charge Revenue	447,872	654,166	447,800
I/F Loan Repayments from Operations			
Grand Total Revenues	2,074,089	2,141,335	1,946,773



Budget Summary

EXPENSES - LULING WTP



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	599,754	611,395	729,049
Operating Expenses	341,319	396,184	416,226
Maintenance and Repairs	57,106	120,082	180,312
Administrative & General	139,117	143,602	171,236
Capital Expense & Outlay	473,135		
Transfers		215,306	
Total Operating and M&R Expenses	1,610,431	1,486,569	1,496,823
Debt Service-Principal	280,000	486,557	305,833
Debt Service-Interest	121,728	127,713	101,258
Debt Service-Bond Covenant Fund			40,709
Grand Total Expenses	2,485,294	2,100,839	1,944,623

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**100 - Luling WTP
Department ***

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Water Treatment			
41101 PLANT O&M	463,876	459,970	(3,906)
41102 PLANT A&G	49,602	59,418	9,816
41135 LULING WTP-CITY OF LOCKHART CHARGE	772,671	747,130	(25,541)
41137 LU/LO DELIVERY SYSTEM-CITY OF LOCKHART	200,420	230,305	29,885
Total Water Treatment	1,486,569	1,496,823	10,254
Operating Interest			
44110 INT-OPR INVESTMENT FUNDS	600	2,150	1,550
Total Operating Interest	600	2,150	1,550
Total Operating Revenue	1,487,169	1,498,973	11,804
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	384,547	455,145	70,598
51102 LBR-OVERTIME	50,610	63,751	13,141
Total Salaries	435,157	518,896	83,739
Benefits			
51298 BEN-BENEFIT ALLOCATION	176,238	210,153	33,915
Total Benefits	176,238	210,153	33,915
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	182,061	182,500	439
52102 OPR-AUXILIARY POWER EXPENSE	3,200	3,600	400
52103 OPR-CHEMICALS	127,355	142,036	14,681
52113 OPR-LAB SUPPLIES	13,160	13,160	-
52114 OPR-LABORATORY SERVICES-GBRA	3,200	3,600	400
52120 OPR-UNIFORMS	5,980	5,980	-
52121 OPR-SAFETY & EMERGENCY EXPENSE	8,000	6,000	(2,000)
52125 OPR-VEHICLE EXPENSE	5,504	6,504	1,000

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52126	OPR-FLEET LEASE EXPENSE	1,200	1,200	-
52133	OPR-SCADA	4,300	1,500	(2,800)
	Total Operating Supplies & Services	353,960	366,080	12,120
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	2,000	2,000	-
52216	OPR-REGULATORY FEES	1,600	1,800	200
52217	OPR-INSPECTION FEES	600	800	200
52220	OPR-BANK FEES	1,000	-	(1,000)
52222	OPR-MEMBERSHIPS & PUBLICATIONS	360	360	-
52223	OPR-LICENSE & TRAINING	2,650	2,650	-
52224	OPR-TRAVEL & MEETINGS	1,000	1,400	400
	Total Professional Services and Fees	9,210	9,010	(200)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	2,400	2,400	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,900	5,150	3,250
52303	OPR-WIDE AREA NETWORK EXPENSE	-	3,000	3,000
52304	OPR-COPY SUPPLIES AND SERVICES	1,900	1,900	-
52305	OPR-POSTAGE AND FREIGHT EXPENSE	180	180	-
52306	OPR-COMMUNICATIONS	3,750	6,800	3,050
	Total Office Expenses	10,130	19,430	9,300
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	22,644	21,466	(1,178)
52430	OPR-MISC EXPENSE	240	240	-
	Total Other Operating Expenses	22,884	21,706	(1,178)
	SUBTOTAL OF OPERATIONAL EXPENSES	1,007,579	1,145,275	137,696
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	18,600	18,600	-
53105	M&R-GENERATORS	-	23,000	23,000
53110	M&R-CONTROL SYSTEMS	13,380	14,430	1,050
53115	M&R-METERS	2,600	6,500	3,900
	Total Maintenance and Repair Equipment	34,580	62,530	27,950
	Structures			
53201	M&R-BUILDING	860	1,400	540
53202	M&R-CLEARWELLS	600	600	-
53205	M&R-PUMPS AND MOTORS	25,082	25,082	-
53210	M&R-GATES AND VALVES	19,900	19,900	-
53238	M&R-FILTERS	22,600	36,600	14,000
	Total Structures	69,042	83,582	14,540

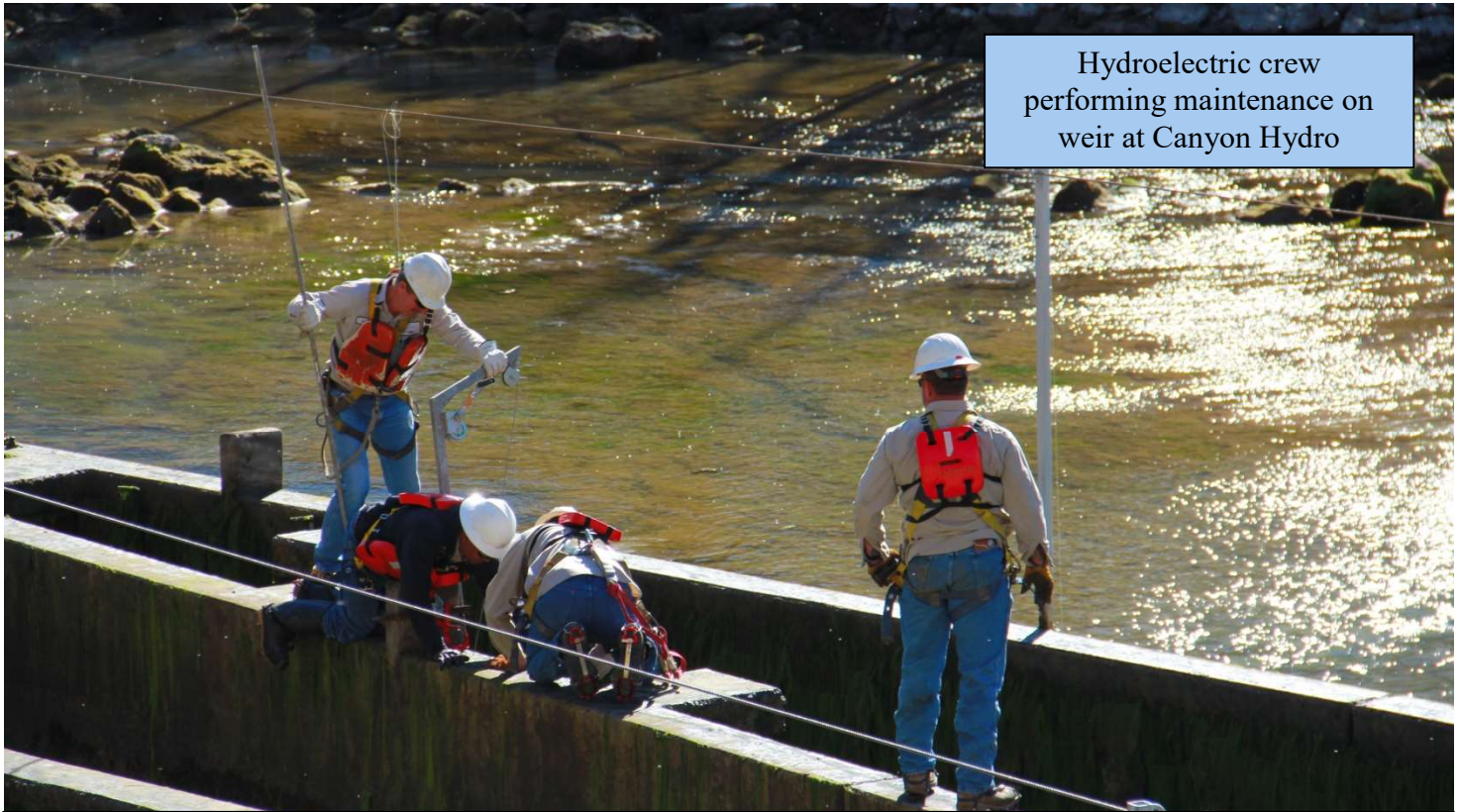
		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
	Other Maintenance & Repairs			
53301	M&R-ROADS	6,000	27,000	21,000
53310	M&R-GROUNDS/ROW	7,200	7,200	-
53325	M&R-GENERAL MAINTENANCE	3,260	-	(3,260)
	Total Other Maintenance & Repairs	16,460	34,200	17,740
	SUBTOTAL OF M&R EXPENSES	120,082	180,312	60,230
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	143,602	171,236	27,634
	Total Administrative & General	143,602	171,236	27,634
	Transfers			
61505	TRANSFERS-DESIGNATED PROJECT FUND	215,306	-	(215,306)
	Total Transfers	215,306	-	(215,306)
	TOTAL OPERATING AND M&R EXPENSES	1,486,569	1,496,823	10,254
	Net Operating Income	600	2,150	1,550

DEBT SERVICE BUDGET

	Capacity Charge Revenue			
41131	DEBT SERVICE-LU/LO PROJECT	398,964	407,091	8,127
41133	DEBT COVER-LU/LO PROJECT	39,896	40,709	813
41138	PLANT DEBT SERVICE	215,306	-	(215,306)
	Total Capacity Charge Revenue	654,166	447,800	(206,366)
	Total Debt Revenue	654,166	447,800	(206,366)
	Principal Payments Expense			
21150	LOAN-BUDGET PRINCIPAL	199,057	-	(199,057)
21207	BOND-2014 LULO PIPELINE	287,500	305,833	18,333
	Total Principal Payments Expense	486,557	305,833	(180,724)
	Interest Expense			
57103	INT-LULO BONDS	111,464	101,258	(10,206)
57250	INT-BUDGET LOAN EXPENSE	16,249	-	(16,249)
	Total Interest Expense	127,713	101,258	(26,455)

Transfers

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
61550 TRANSFERS-RESTRICTED/BOND COVENANT FUND	-	40,709	40,709
Total TRANSFERS-RESTRICTED/BOND COVENANT FUND	-	40,709	40,709
Total Debt Expense	614,270	447,800	(166,470)
Net Change in Debt Service Budget	39,896	-	(39,896)
Net Change in Fund Balance	40,496	2,150	(38,346)



Canyon Hydroelectric

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

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

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

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

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|--|-----------------------------------|
| • Service Provided: Hydroelectric generation | • Capacity: 6 MW |
| • Location: Sattler, TX | • Average Kwh Produced: 3,358,240 |
| • Startup Operation Date: 1989 | • # of Current Employees: 1 |
| • Customer: NBU | • Budgeted Revenue: \$446,646 |

Canyon Hydroelectric Division

Operating Plan for Fiscal Year Ending 8/31/22

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 2022 is \$446,646 which is \$20,011 less than budgeted revenue for FY 2021. This decrease in revenue is due to the similar decrease in budgeted operating, maintenance, and capital costs for the division in FY 2021.

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 2022, 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. Intake air vents modified to help lower the hydrogen sulfide concentration of ambient air used to cool the generation equipment. This work is included in the general maintenance of the powerhouse line item. 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 2022 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)		
	2020	2021	2022
Maintenance Crew	1	1	1
Total	1	1	1

Changes from FY 2020 to 2021

No staffing changes for this division.

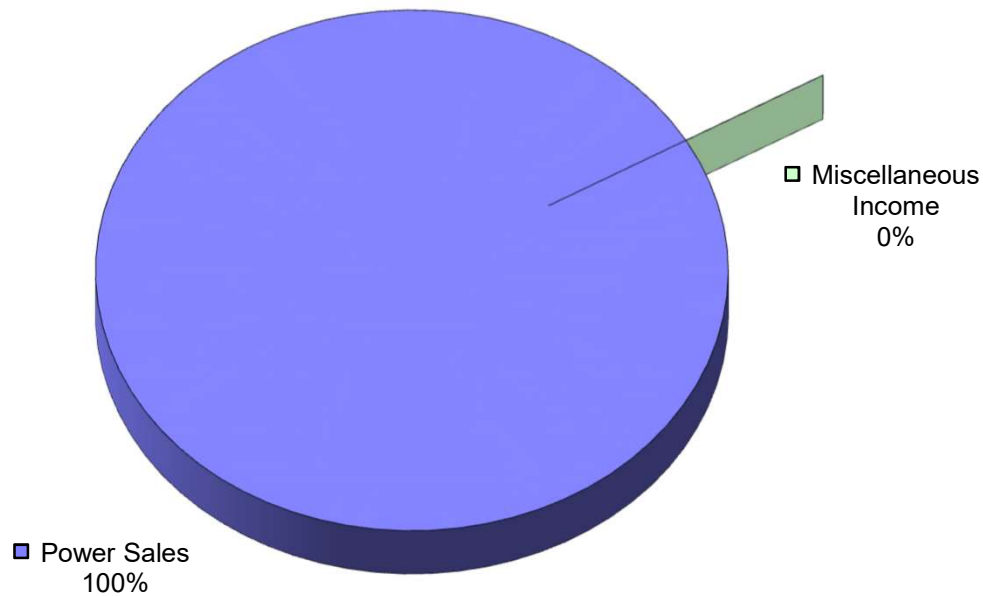
Changes from FY 2021 to 2022

No staffing changes for this division.



Budget Summary

REVENUES - CANYON HYDROELECTRIC

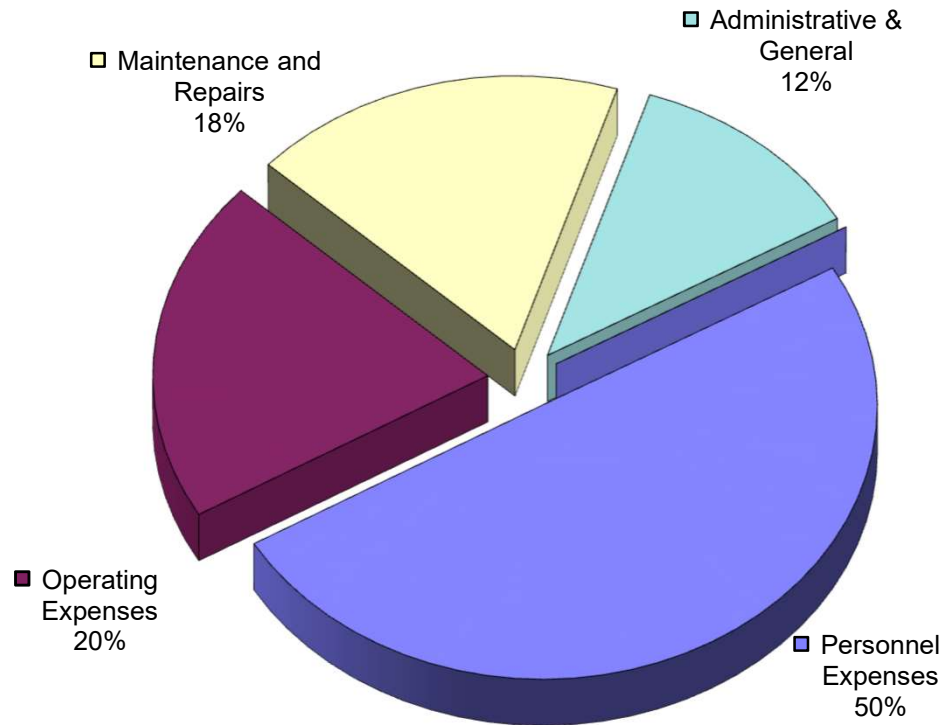


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales	322,878	466,657	446,646
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	136		
Total Operating Revenue	323,014	466,657	446,646
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	323,014	466,657	446,646



Budget Summary

EXPENSES - CANYON HYDROELECTRIC



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	191,931	220,540	222,810
Operating Expenses	68,324	96,318	90,503
Maintenance and Repairs	17,698	98,000	81,000
Administrative & General	45,061	51,799	52,333
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	323,014	466,657	446,646
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	323,014	466,657	446,646

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**120 - Canyon Hydroelectric
Department ***

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Hydroelectric				
41301	POWER SALES	466,657	446,646	(20,011)
	Total Hydroelectric	466,657	446,646	(20,011)
	Total Operating Revenue	466,657	446,646	(20,011)
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	145,256	146,320	1,064
51102	LBR-OVERTIME	11,712	12,264	552
	Total Salaries	156,968	158,584	1,616
Benefits				
51298	BEN-BENEFIT ALLOCATION	63,572	64,226	654
	Total Benefits	63,572	64,226	654
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	3,000	3,000	-
52102	OPR-AUXILIARY POWER EXPENSE	2,000	2,000	-
52110	OPR-SMALL TOOLS AND SUPPLIES	2,000	500	(1,500)
52120	OPR-UNIFORMS	1,100	1,100	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	2,000	1,000	(1,000)
52125	OPR-VEHICLE EXPENSE	7,500	2,500	(5,000)
52133	OPR-SCADA	4,300	1,500	(2,800)
	Total Operating Supplies & Services	21,900	11,600	(10,300)
Professional Services and Fees				
52205	OPR-PROFESSIONAL SERVICES-OTHER	5,000	5,000	-
52216	OPR-REGULATORY FEES	46,000	46,150	150
52223	OPR-LICENSE & TRAINING	500	500	-
52224	OPR-TRAVEL & MEETINGS	500	500	-
	Total Professional Services and Fees	52,000	52,150	150

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
	Office Expenses			
52302	OPR-COMPUTER & SOFTWARE EXPENSE	-	750	750
52303	OPR-WIDE AREA NETWORK EXPENSE	-	3,000	3,000
52306	OPR-COMMUNICATIONS	1,000	2,100	1,100
	Total Office Expenses	1,000	5,850	4,850
	Other Operating Expenses			
52403	OPR-OFFICE/BUILDING RENTAL	2,184	2,184	-
52420	OPR-INSURANCE EXPENSE	17,234	18,719	1,485
52430	OPR-MISC EXPENSE	2,000	-	(2,000)
	Total Other Operating Expenses	21,418	20,903	(515)
	SUBTOTAL OF OPERATIONAL EXPENSES	316,858	313,313	(3,545)
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	38,000	25,000	(13,000)
53110	M&R-CONTROL SYSTEMS	10,000	10,000	-
	Total Maintenance and Repair Equipment	48,000	35,000	(13,000)
	Structures			
53201	M&R-BUILDING	1,000	1,000	-
53245	M&R-POWERHOUSE	40,000	40,000	-
	Total Structures	41,000	41,000	-
	Other Maintenance & Repairs			
53399	M&R-MISC EXPENSE	9,000	5,000	(4,000)
	Total Other Maintenance & Repairs	9,000	5,000	(4,000)
	SUBTOTAL OF M&R EXPENSES	98,000	81,000	(17,000)
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	51,799	52,333	534
	Total Administrative & General	51,799	52,333	534
	TOTAL OPERATING AND M&R EXPENSES	466,657	446,646	(20,011)
	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.

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| • Service Provided: Wastewater Treatment | • Capacity: 2.6 MGD |
| • Location: Lockhart, TX | • # of gallons treated: 433,770,000 |
| • Startup Operation Date: 1994 | • # of Current Employees: 4 |
| • Customer: City of Lockhart | • Budgeted Revenue: \$1,393,158 |

Lockhart Division

Lockhart Wastewater Reclamation System

Operating Plan for Fiscal Year Ending 8/31/22

BACKGROUND

After signing a contract with the City of Lockhart in 1994, GBRA assumed the operation of the City's 1.1 million gallons per day (MGD) Larremore Street wastewater treatment plant. Subsequently in 1999, the new 1.5 MGD FM20 plant commenced operation increasing the City's combined wastewater treatment capacity to 2.6 MGD. The contract between the City of Lockhart and GBRA provides that GBRA will bill the City the actual cost of operating the two plants. As a result, revenue is matched to expenses and GBRA does not over-recover nor under-recover the cost of operating the System.

Personnel within the Lockhart Wastewater Reclamation System are organized into a team consisting of the Chief Operator and three operators. In addition, GBRA's water plant personnel located at the Lockhart Water Treatment Plant will assist in the maintenance and repair of the wastewater treatment plants. Serving as facilitators to the team will be the Hays/Caldwell Division Manager. Additional support will be received from the Seguin office in the form of engineering, electrical, purchasing, and administrative functions.

REVENUE SOURCES AND TRENDS

The following Work Plan and Budget is based on the two Lockhart Wastewater Treatment Plants treating an estimated sewage flow of 433.77 million gallons annually or 1.19 million gallons per day (MGD). For Fiscal Year 2022, the flow will be split with approximately 0.441 MGD treated by the Larremore Plant and 0.747 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 2022 total revenue for the Lockhart Wastewater System is \$1,393,158 which is \$103,558 or 8% more than last year's budget.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The combined capital additions and operating expenditure budget for FY 2022 amounts to \$1,393,158. Significant operating expenses budgeted for Fiscal Year 2022 include biosolids disposal in the amount of \$242,976, power and utilities of \$242,050, and laboratory testing and expenses of \$69,341.

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

FUND BALANCE

Funds for the above listed capital additions and maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided from revenues from the City of Lockhart. Since this system represents a contract operation in which GBRA does not over-recover nor under-recover its costs, the net change in fund balance for FY 2022 is \$0.



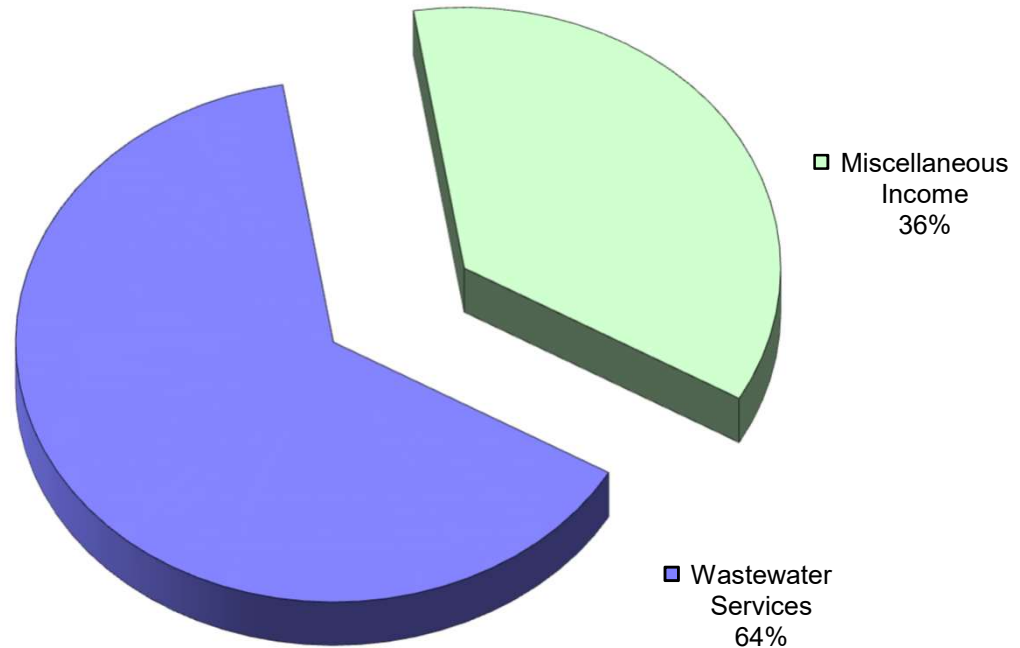
Lockhart WWTP	# of Authorized Positions (FTE)		
	2020	2021	2022
Chief Operator	1	1	1
Operators	3	3	3
Total	4	4	4

Changes from FY 2021 to FY 2022
No staffing changes for this division.



Budget Summary

REVENUES - LOCKHART WWTP

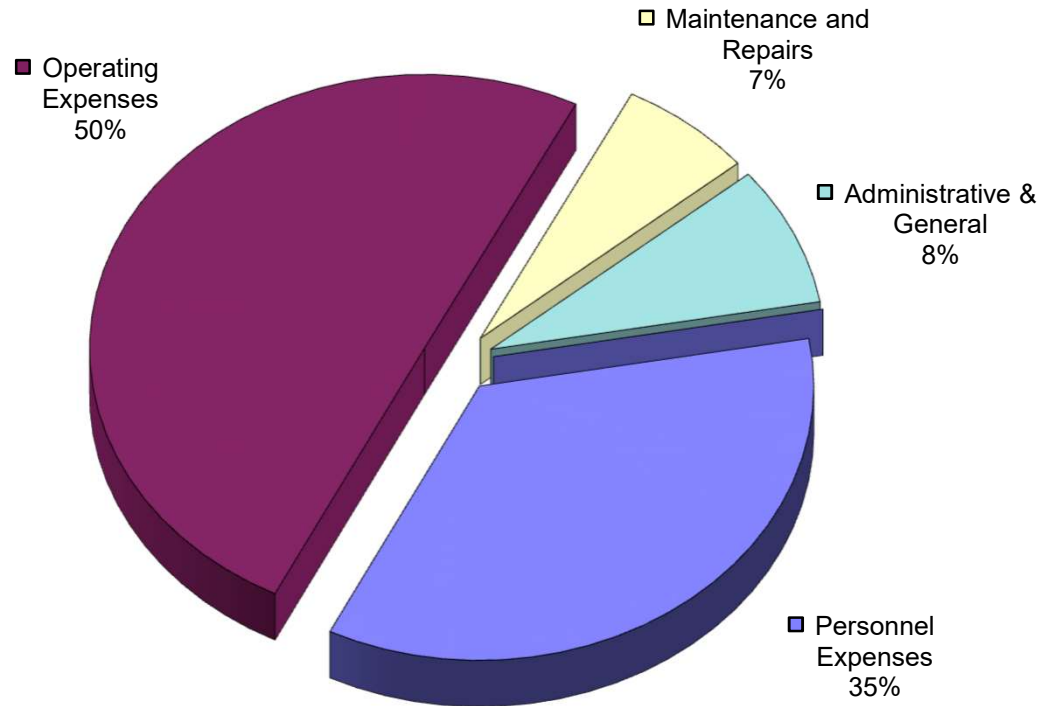


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services	933,140	889,600	893,158
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	375,000	400,000	500,000
Total Operating Revenue	1,308,140	1,289,600	1,393,158
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	1,308,140	1,289,600	1,393,158



Budget Summary

EXPENSES - LOCKHART WWTP



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	450,207	430,165	489,525
Operating Expenses	603,064	630,780	698,136
Maintenance and Repairs	150,406	92,620	90,520
Administrative & General	104,463	101,035	114,977
Capital Expense & Outlay		35,000	
Transfers			
Total Operating and M&R Expenses	1,308,140	1,289,600	1,393,158
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	1,308,140	1,289,600	1,393,158

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**130 - Lockhart WWTP
Department ***

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wastewater Treatment				
41201	WW-OPR & MAINTENANCE	1,188,565	1,278,181	89,616
41202	WW-ADMINISTRATIVE & GENERAL	101,035	114,977	13,942
41207	WW-CREDIT TO CUSTOMER	(400,000)	(500,000)	(100,000)
	Total Wastewater Treatment	889,600	893,158	3,558
Misc Income				
45195	MISCELLANEOUS REVENUES	400,000	500,000	100,000
	Total Misc Income	400,000	500,000	100,000
	Total Operating Revenue	1,289,600	1,393,158	103,558
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	290,071	328,890	38,819
51102	LBR-OVERTIME	16,096	19,526	3,430
	Total Salaries	306,167	348,416	42,249
Benefits				
51298	BEN-BENEFIT ALLOCATION	123,998	141,109	17,111
	Total Benefits	123,998	141,109	17,111
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	225,004	242,050	17,046
52102	OPR-AUXILIARY POWER EXPENSE	4,915	6,825	1,910
52103	OPR-CHEMICALS	27,796	32,266	4,470
52110	OPR-SMALL TOOLS AND SUPPLIES	1,300	1,500	200
52113	OPR-LAB SUPPLIES	17,632	16,784	(848)
52114	OPR-LABORATORY SERVICES-GBRA	29,840	41,394	11,554
52115	OPR-LABORATORY SERVICES-OUTSOURCED	9,863	11,163	1,300
52118	OPR-DISPOSAL SERVICES	208,656	242,976	34,320
52120	OPR-UNIFORMS	4,440	5,490	1,050

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
52121	OPR-SAFETY & EMERGENCY EXPENSE	3,360	3,185	(175)
52122	OPR-SECURITY EXPENSE	4,000	4,000	-
52124	OPR-EQUIPMENT EXPENSE	3,500	3,500	-
52125	OPR-VEHICLE EXPENSE	7,210	7,010	(200)
52126	OPR-FLEET LEASE EXPENSE	1,200	1,200	-
52133	OPR-SCADA	4,300	3,500	(800)
	Total Operating Supplies & Services	553,016	622,843	69,827
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	12,280	5,300	(6,980)
52217	OPR-INSPECTION FEES	23,520	23,000	(520)
52222	OPR-MEMBERSHIPS & PUBLICATIONS	720	900	180
52223	OPR-LICENSE & TRAINING	2,072	2,722	650
	Total Professional Services and Fees	38,592	31,922	(6,670)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	3,400	2,900	(500)
52302	OPR-COMPUTER & SOFTWARE EXPENSE	3,650	5,125	1,475
52303	OPR-WIDE AREA NETWORK EXPENSE	-	3,000	3,000
52306	OPR-COMMUNICATIONS	6,600	7,000	400
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	1,000	1,000	-
	Total Office Expenses	14,650	19,025	4,375
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	24,322	24,146	(176)
52430	OPR-MISC EXPENSE	200	200	-
	Total Other Operating Expenses	24,522	24,346	(176)
	SUBTOTAL OF OPERATIONAL EXPENSES	1,060,945	1,187,661	126,716
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	19,900	39,900	20,000
53110	M&R-CONTROL SYSTEMS	2,500	2,000	(500)
53115	M&R-METERS	5,800	1,400	(4,400)
	Total Maintenance and Repair Equipment	28,200	43,300	15,100
	Structures			
53201	M&R-BUILDING	4,020	1,520	(2,500)
53205	M&R-PUMPS AND MOTORS	19,700	9,000	(10,700)
53210	M&R-GATES AND VALVES	2,000	2,000	-
53220	M&R-CLARIFIERS	7,700	7,700	-
53237	M&R UV SYSTEM	10,000	10,000	-
	Total Structures	43,420	30,220	(13,200)
	Other Maintenance & Repairs			

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
53310	M&R-GROUNDS/ROW	13,000	13,000	-
53325	M&R-GENERAL MAINTENANCE	8,000	4,000	(4,000)
	Total Other Maintenance & Repairs	21,000	17,000	(4,000)
	SUBTOTAL OF M&R EXPENSES	92,620	90,520	(2,100)
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	101,035	114,977	13,942
	Total Administrative & General	101,035	114,977	13,942
	Capital Outlay			
13217	AUTO & HEAVY EQUIPMENT	35,000	-	(35,000)
	Total Capital Outlay	35,000	-	(35,000)
	TOTAL OPERATING AND M&R EXPENSES	1,289,600	1,393,158	103,558
	Net Operating Income	-	-	-
	Net Change in Fund Balance	-	-	-



Lockhart WTP

The Lockhart Water Treatment Plant has been operated by GBRA since October 1, 2000, after selection by the City of Lockhart to serve as contract operator. GBRA employees operate the plant and are also responsible for the city's well system.

The plant's water source is the Carrizo Aquifer. The plant is designed to remove the high concentrations of iron dissolved in the water using oxidation followed by filtration. The water is then disinfected and blended with surface water supplied from the GBRA Luling Water Treatment Plant.

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| <ul style="list-style-type: none">• Service Provided: Water Treatment• Location: Lockhart, TX• Startup Operation Date: 2000• Customer: City of Lockhart | <ul style="list-style-type: none">• Capacity: 4 MGD• # of gallons treated: 552,523,000• # of Current Employees: 4• Budgeted Revenue: \$989,296 |
|--|---|

Lockhart Division

Lockhart Water Treatment Plant System

Operating Plan for Fiscal Year ending 8/31/22

BACKGROUND

GBRA entered into a contract in September 2000 with the City of Lockhart to operate its wells and 4 million gallon per day (mgd) water treatment plant beginning October 1, 2000 in addition to the operation of two wastewater treatment facilities for the City. These systems are under the direct oversight of the Lockhart Operations Manager. There are currently three operators and one proposed operator position in FY22 assigned to the Lockhart Water Treatment Plant System which are responsible for operating and maintaining the plant and ground water production facilities. Personnel from the Lockhart Wastewater Reclamation System provide assistance in the operations and maintenance of the ground water system. Serving as facilitators to the Lockhart Operations team are the Division Manager-Hays and Caldwell Counties. Additional support will be received from the Seguin office in the form of engineering, electrical, purchasing and administrative functions.

REVENUE SOURCES AND TRENDS

GBRA provides the operation of the City's 4.0 million gallons per day (MGD) groundwater treatment plant and water wells. The contract provides that GBRA does not over-recover nor under-recover the costs of operating the System.

The following Work Plan and Budget is based on operating and maintaining the Lockhart Water Treatment Plant, booster station and seven water wells. The projected water production of the plant and seven wells for FY 2022 is 164.852 MG or 0.451 MGD. However, the total water needs for the City from all sources is estimated to be approximately 552.523 MG. The differential or additional water required by the City of Lockhart will be supplied by the GBRA surface water treatment plant located in Luling and delivered through the Luling/Lockhart Treated Water Delivery System. The budgeted FY 2022 operating revenue for the Lockhart Water Treatment Plant System is \$989,296 which is \$66,221 or 7.2% more than last year's budget and is based on a total estimated annual water treatment of 164,852,000 gallons or 164.852 MG. As described in the previous paragraph, the Lockhart WTP System is a cost of service operation and any year-over-year change in revenue is in a direct relationship to the changes in operating expenditures and capital improvements, for that year.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Due to the nature of the GBRA and City of Lockhart contract, the operating expenditure budget for FY 2022 replicates the revenue budget and therefore also amounts to \$989,296. 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 2022 is \$39,060. Power will also be a major expense for the upcoming year amounting to \$56,000. The maintenance

expenses include the replacement of two high service pumps in the amount of \$54,000, the rehab of Well 12 is budgeted at \$54,000, and the replacement of piping from splitter box to filters for \$80,000.

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

FUND BALANCE

Funds for the above listed capital additions and maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided from revenues from the City of Lockhart. Since this 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 2022 is \$0.



Staffing Summary

Lockhart WTP	# of Authorized Positions (FTE)		
	2020	2021	2022
Operators	3	3	4
Total	3	3	4

Changes from FY 2020 to FY 2021

No staffing changes for this division.

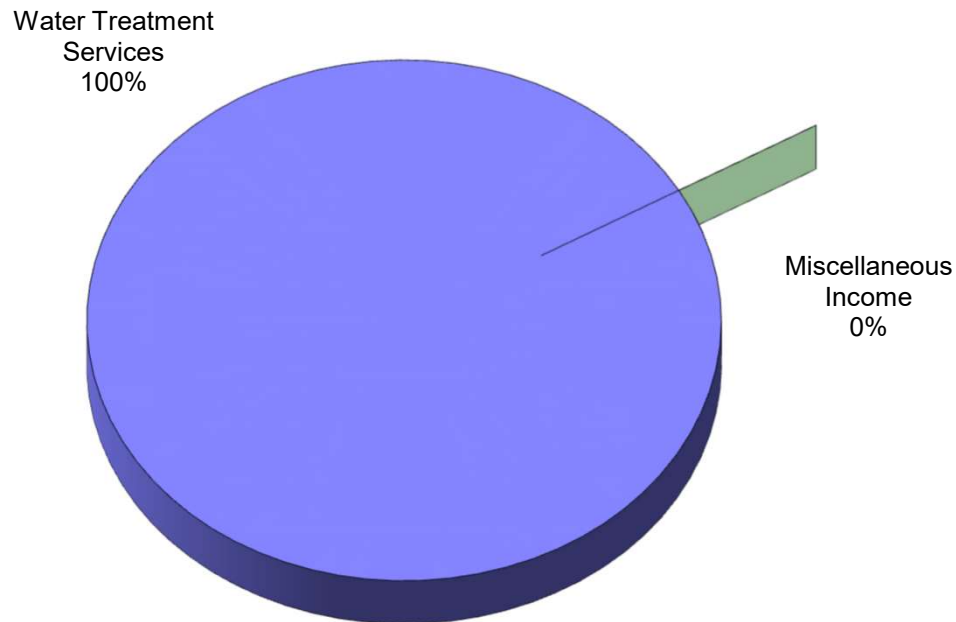
Changes from FY 2021 to FY 2022

1-Operator position was added for this division.



Budget Summary

REVENUES - LOCKHART WTP

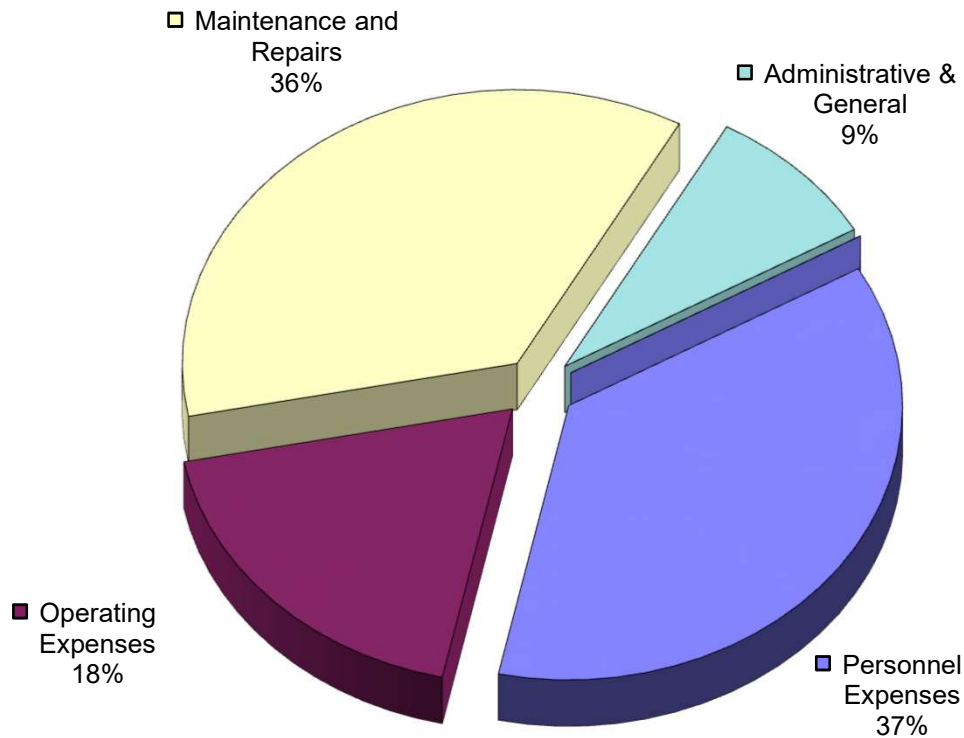


Revenues	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services	907,794	923,075	989,296
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	907,794	923,075	989,296
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	907,794	923,075	989,296



Budget Summary

EXPENSES - LOCKHART WTP



Expenses	FY 2020 Actual	FY 2021 Budget	FY 2022 Budget
Personnel Expenses	286,124	293,851	363,063
Operating Expenses	363,985	177,956	183,458
Maintenance and Repairs	191,320	347,250	357,500
Administrative & General	66,365	69,018	85,275
Capital Expense & Outlay		35,000	
Transfers			
Total Operating and M&R Expenses	907,794	923,075	989,296
Debt Service-Principal			
Debt Service-Interest			
Debt Service-Bond Covenant Fund			
Grand Total Expenses	907,794	923,075	989,296

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2022**

**131 - Lockhart WTP
Department ***

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Water Treatment				
41101	PLANT O&M	854,057	904,021	49,964
41102	PLANT A&G	69,018	85,275	16,257
	Total Water Treatment	923,075	989,296	66,221
	Total Operating Revenue	923,075	989,296	66,221
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	197,432	242,780	45,348
51102	LBR-OVERTIME	11,715	15,628	3,913
	Total Salaries	209,147	258,408	49,261
Benefits				
51298	BEN-BENEFIT ALLOCATION	84,704	104,655	19,951
	Total Benefits	84,704	104,655	19,951
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	54,360	56,000	1,640
52103	OPR-CHEMICALS	38,430	39,060	630
52110	OPR-SMALL TOOLS AND SUPPLIES	1,000	1,500	500
52113	OPR-LAB SUPPLIES	10,908	11,160	252
52114	OPR-LABORATORY SERVICES-GBRA	4,700	5,000	300
52115	OPR-LABORATORY SERVICES-OUTSOURCED	6,040	6,040	-
52120	OPR-UNIFORMS	3,502	3,800	298
52121	OPR-SAFETY & EMERGENCY EXPENSE	1,435	1,435	-
52122	OPR-SECURITY EXPENSE	1,750	1,750	-
52123	OPR-EQUIPMENT RENTAL	1,500	1,500	-
52124	OPR-EQUIPMENT EXPENSE	150	150	-
52125	OPR-VEHICLE EXPENSE	4,130	2,380	(1,750)
52126	OPR-FLEET LEASE EXPENSE	1,200	1,200	-
52133	OPR-SCADA	4,300	3,500	(800)

	FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
Total Operating Supplies & Services	133,405	134,475	1,070
Professional Services and Fees			
52205 OPR-PROFESSIONAL SERVICES-OTHER	5,080	3,570	(1,510)
52217 OPR-INSPECTION FEES	11,640	12,000	360
52222 OPR-MEMBERSHIPS & PUBLICATIONS	424	424	-
52223 OPR-LICENSE & TRAINING	2,672	2,797	125
Total Professional Services and Fees	19,816	18,791	(1,025)
Office Expenses			
52301 OPR-OFFICE SUPPLIES	800	750	(50)
52302 OPR-COMPUTER & SOFTWARE EXPENSE	2,000	2,875	875
52303 OPR-WIDE AREA NETWORK EXPENSE	-	3,000	3,000
52306 OPR-COMMUNICATIONS	3,996	5,200	1,204
52331 OPR-JANITORIAL SUPPLIES AND SERVICE	800	500	(300)
Total Office Expenses	7,596	12,325	4,729
Other Operating Expenses			
52420 OPR-INSURANCE EXPENSE	16,889	17,617	728
52430 OPR-MISC EXPENSE	250	250	-
Total Other Operating Expenses	17,139	17,867	728
SUBTOTAL OF OPERATIONAL EXPENSES	471,807	546,521	74,714
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	4,750	1,300	(3,450)
53110 M&R-CONTROL SYSTEMS	6,000	1,000	(5,000)
53115 M&R-METERS	7,900	7,400	(500)
Total Maintenance and Repair Equipment	18,650	9,700	(8,950)
Structures			
53201 M&R-BUILDING	2,800	30,900	28,100
53205 M&R-PUMPS AND MOTORS	55,750	69,000	13,250
53210 M&R-GATES AND VALVES	4,000	38,100	34,100
53235 M&R-TRANSMISSION LINES	10,000	10,000	-
Total Structures	72,550	148,000	75,450
Other Maintenance & Repairs			
53302 M&R-WELLS	209,750	104,000	(105,750)
53310 M&R-GROUNDS/ROW	15,000	13,000	(2,000)
53325 M&R-GENERAL MAINTENANCE	31,300	82,800	51,500
Total Other Maintenance & Repairs	256,050	199,800	(56,250)
SUBTOTAL OF M&R EXPENSES	347,250	357,500	10,250

		FY 2021 BUDGET	FY 2022 BUDGET	FY 2022-2021 DIFFERENCE
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	<u>69,018</u>	<u>85,275</u>	<u>16,257</u>
	Total Administrative & General	69,018	85,275	16,257
	Capital Outlay			
13217	AUTO & HEAVY EQUIPMENT	<u>35,000</u>	<u>-</u>	<u>(35,000)</u>
	Total Capital Outlay	35,000	-	(35,000)
	TOTAL OPERATING AND M&R EXPENSES	<u>923,075</u>	<u>989,296</u>	<u>66,221</u>
	Net Operating Income	<u>-</u>	<u>-</u>	<u>-</u>
	Net Change in Fund Balance	<u>-</u>	<u>-</u>	<u>-</u>

Glossary

Term	Description
Acronyms	
A & G	Administrative & General
AACOG	Alamo Area Council of Governments
AEP-TCC	American Electric Power – Texas Central Company (formerly owned by Central Power & Light Company also known as CP&L)
AF	Acre Foot - quantity of water required to cover one acre to a depth of one foot and is equivalent to 43,560 cubic feet of about 326,000 gallons or 1,233 cubic meters.
BOD	Biochemical Oxygen Demand - the quantity of oxygen used in the biochemical oxidation of organic matter in a specified time and at a specific temperature. It is not related to the oxygen requirements in chemical combustion, being determined entirely by the availability of the material as a biological food and by the amount of oxygen utilized by the microorganisms during oxidation.
CAFR	Comprehensive Annual Financial Report
CBOD	Carbonaceous Biochemical Oxygen Demand
CCN	Certificate of Convenience and Necessity issued by TCEQ defines the boundaries of a water or wastewater service area.
CCP	Coletto Creek Park
CCR	Consumer Confidence Report - annual water quality reports or drinking water quality reports that summarize information regarding sources used (i.e., rivers, lakes, reservoirs, or aquifers), any detected contaminants, compliance and educational information. The reports are due to customers by July 1st of each year.
CFSA	Consolidated Farm Service Agency
CPE	Comprehensive Performance Evaluation
CRWA	Canyon Regional Water Authority
EDU	Equivalent Dwelling Unit
EPA	Environmental Protection Agency
F/T	Refers to a Full Time employee
FEMA	Federal Emergency Management Agency
FY	Fiscal Year - The twelve-month period between settlements of financial accounts.
GAAP	Generally Accepted Accounting Principles is a guide to help finance directors and others improve governmental financial reporting.
Gal.	A liquid measure, equal to four quarts (231 cubic inches).
GBRA	Guadalupe-Blanco River Authority
GFOA	Government Finance Officers Association
GIS	Geographic Information System
GPP	Guadalupe Power Partners, LTD
GPS	Geographic Positioning System - It is an instrument used to calculate geographic locations on the ground from a satellite.

Glossary

Term	Description
GUADCO MUD	Guadalupe County Municipal Utility District
GVEC	Guadalupe Valley Electric Cooperative
GVHD	Guadalupe Valley Hydro Division
H-4	Hydro Electric Dam #4
H-5	Hydro Electric Dam #5
HDQTRS	Headquarters
HUD	Housing And Urban Development
IFIM	Instream Flow Incremental Methodology
IH	International Harvester
K W H	Kilowatt Hour, a unit of electrical energy or work, equal to that done by one kilowatt acting for one hour.
KV	Kilovoltage
L. O. I.	Letter of Intent
LWRA	Lakewood Recreation Area
M	A Roman Numeral for a mathematical unit of measure equaling one thousand (1000).
M & R	Maintenance & Repair
MGD	Million Gallons per Day
MUD	Municipal Utility District
N. T. U.	Nephelometric Turbidity Units - Nephelometric is a unit of measure. Turbidity can be determined for any water sample that is free of debris and rapidly settling coarse sediments.
NBU	New Braunfels Utilities
NELAP	National Environmental Laboratory Accreditation Program
NRCS	Natural Resources Conservation Service
NWRA	National Water Resources Association
OP	Relating to operating equipment
OVT	Overtime
P. D.	Project Development
P/T	Refers to a Part Time employee
P/U	Pick Up Truck
PC	Public Communications
PEC	Perdenales Electric Cooperative
PLWTP	Port Lavaca Water Treatment Plant
POC	Port O'Connor - abbreviation of a city in Texas
PUC	Public Utilities Commission
RFI'S	Request For Information - a Public Communication function answering requests from inquiring people outside the river authority.
RTU	Remote Terminal Unit – used to transmit data via radio between remote locations and the central control room.
RUD	Rural Utilities Division
RW	Rural Water

Glossary

Term	Description
RWDS	Raw Water Delivery System
RWS	Rural Water System
S.B. OR SB-#1	Relating to any Senate Bill affecting river authorities or relating to a specific bill number.
SCADA	Supervisory Control and Data Acquisition
SCS	Soil Conservation Service
SISD	Seguin Independent School District
SMRWDS	San Marcos Raw Water Delivery System
STA.	Staff Technical Assistance
SWB	Salt Water Barrier - a fabricated-dam constructed of heavy gauge rubber placed near the mouth of a river near the ocean to keep salt water from infecting fresh water.
TAES	Texas Agricultural Extension Service
TCEQ	Texas Commission on Environmental Quality
TEEX	Texas Engineering Extension Service
TOC	Total Organic Carbon
TP-4	Texas Power Dam #4
TPWD	Texas Parks and Wildlife Department
TMDL	Total Maximum Daily Load
TSS	Total Suspended Solids
TWCA	Texas Water Conservation Association
TWDB	Texas Water Development Board
TWUA	Texas Water Utilities Association
TWUA-LAS	Texas Water Utilities Association Laboratory Analyst Section
VOE	Vocational Office Education
VSS	Volatile Suspended Solids
W. A.	Work Authorizations
WAN	Wide Area Network
WDS	Water Delivery System
WIP	Work In Progress
W/S	Water Sales
WSC	Water Supply Corporation
WTP	Water Treatment Plant
WWR	Waste Water Reclamation
WWT	Waste Water Treatment
WWTP	Waste Water Treatment Plant

Glossary

Term	Description
Definitions	
ACRE FOOT	(AC-FT, acre-ft) quantity of water required to cover one acre to a depth of one foot and is equivalent to 43,560 cubic feet of about 326,000 gallons or 1,233 cubic meters.
ADMINISTRATIVE	An organization's structural form and its ability to implement strategic planning.
AMORTIZATION	The systematic reduction of a debt according to a stated maturity or redemption schedule.
AQUATIC	Growing or living in or upon water, such as plants and/or animals.
ARBITRAGE	The gain that may be obtained by borrowing funds at tax-exempt rates and investing those funds at taxable rates.
BOND	A debt obligation to repay principal and interest on specified future dates.
BOND COUNSEL	The bond counsel is a law firm which specializes in municipal and tax law. The bond counsel provides its legal opinion that assures investors that the debt being issued represents a valid and legally binding contract.
BOND INSURER	A bond insurer unconditionally guarantees bondholders the timely payment of all principal and interest in return for a single premium payment upon the sale of the debt.
BOND ISSUANCE COSTS	The costs incurred by the bond issuer during the planning, marketing and sale of a bond issue.
CAPITAL APPRECIATION BOND	A bond that does not have an interest rate but rather is sold at a deep discount yielding a return that is the difference between the bond sale price and the bond redemption value.
CHLORAMINE	Compound of chlorine and ammonia used as a primary disinfecting agent in water treatment process.
CHLORINE	A chemical applied to water for purposes of disinfecting
CLEAN RIVERS PROGRAM (CRP)	A program coordinated with Texas Natural Resources Conservation Commission (TNRCC) to work with river authorities to monitor and survey water quality issues within each river basin and specific to that river basin.
DAM	A structure of earth, rock or concrete designated to impound the flow of a river or stream and form a basin, pond, lake, or reservoir.
DEBT	An organization's overall debt burden and its capital improvement planning program.
DEBT SERVICE	Principal and interest requirements on an outstanding bond.
DEBT SERVICE RESERVE FUND	A fund used to pay debt service if pledged revenues are insufficient to make the required payments as they become due.
DEFEASANCE	A legal defeasance requires the establishment of an irrevocable trust with sufficient cash or U.S. Government securities to pay all principal and interest through the bond call date.

Glossary

Term	Description
DEPRECIATION	Reduction of an asset's original cost by a fixed percentage based on its estimated life.
DEWATERING	The part of the process whereby sludges are reduced in volume and converted from a liquid to a solid product.
DISCOUNT	The difference between a bond's par value and its sale price when the latter is less than par.
ECONOMIC	An organization's service base diversity.
EDWARDS AQUIFER	A limestone geologic formation located in central Texas that contains sufficient saturated permeable material to yield significant quantities of water to wells and springs.
EFFLUENT	Wastewater or other liquid, partially or completely treated, or in natural state, flowing out of a reservoir, basin, treatment plant or part thereof.
ENTERPRISE FUNDS	Enterprise funds are used to account for operations (a) that are financed and operated in a manner similar to private business enterprises – where the intent of the governing body is that the costs (expenses, including depreciation) of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges; or (b) where the governing body has decided that periodic determination of revenues earned, expenses incurred, and/or net income is appropriated for capital maintenance, public policy, management control, accountability, or other purposes.
ENVIRONMENTAL SAMPLES	The collection of material that influences the conditions affecting the life and development of an organism in water.
EXPENSE	Costs that have been incurred in the process of producing revenue.
FAIR VALUE	A rational and unbiased estimate of the potential market price of a good, service, or asset. It takes into account such objective factors as: acquisition/production/distribution costs, replacement costs, or costs of close substitutes.
FENDER BOARD	One of a series of boards attached to the downstream section of a spill gate. It is a sacrificial board that protects the downstream section from trees and debris that go over the gates when they are in the down position during high flow events.
FINANCIAL ADVISOR	A financial advisor provides expertise to the debt issuer in matters of alternative financial structures, the marketing and sale of the debt and the preparation of disclosure documents.
FLOW	The rate of water discharged from a source given in volume with respect to time.
FUNDS	Sum of money available after all revenue and other sources of money are received less expenses and other uses of funds are paid.
GENERAL COUNSEL	In-house general counsel advises the GBRA Board of Directors and GBRA management and staff on a wide range of legal issues related to corporate and regulatory matters.

Glossary

Term	Description
GROUND WATER	Water obtained from subsurface sources, such as sands and gravel or porous or fractured rocks.
HEXANE	A solvent used to extract oils, fats, and greases from water samples in the analysis for those constituents.
HYDROELECTRIC PLANT	Electricity generation using stream flow or reservoir releases to turn turbines and generators in a plant located in a dam.
INFLOW AND INFILTRATION	Refers to the quantities of water that enter the sewer system either from the ground through such means as defective pipes, pipe joints, connections, manholes or other sources of entry such as, but not limited to roof leaders, cellar drains, yard drains, area drains, drains from springs and swampy areas, catch basins, cooling towers, storm waters, surface runoff, street wash waters, or drainage.
ION CHROMATOGRAPH	An instrument used to detect and measure the ions in water.
KIDFISH	Program created by the river authority to interact children with parents on a fishing outing.
MAINTENANCE	The upkeep necessary for efficient operations of physical properties. It involves labor and materials but is not to be confused with replacement or retirement.
MARK-TO-MARKET	"Mark-to-market" or fair value accounting refers to accounting for the "fair value" of an asset or liability based on the current market price, or for similar assets and liabilities, or based on another objectively assessed "fair" value.
MONITORING	The measurement, sometimes continuous, of water or wastewater quality.
OPTIMIZATION	The concept of operating a water treatment plant to produce a higher quality of treated water than is required by current regulations.
OUTFITTER	A business that provides equipment, supplies, and often trained guides for activities such as rafting, tubing, hunting, hiking, etc.
PAYING AGENTS/REGISTRARS	A paying agent receives from the issuer funds for periodic debt service payments and disburses these funds to bondholders. The registrar maintains a record of bond ownership so that timely payments may be made to those bondholders.
PEAK	The maximum momentary quantity placed on a water or wastewater plant, pumping station, or on an electric generating plant.
PH	Natural waters have a pH typically between 6.5-8.5. The concentration is the mass of hydrogen ions, in grams per liter of solution.
POTABLE WATER SUPPLY FACILITIES	A facility that treats raw water making it drinkable for the public.
POTASSIUM PERMANGANATE	A disinfectant used when necessary to improve taste and odor of the finished water. Also, a controlling agent to prevent biological growth in transmission pipes.

Glossary

Term	Description
RATING AGENCY	A rating agency is a private corporation that assigns a creditworthiness rating to new bond issues upon their review of financial disclosures provided by the issuer.
RAW WATER	Water obtained from natural sources such as streams, reservoirs and wells; always contains impurities in forms of suspended or dissolved material or organic matter and as dissolved gases acquired from contact with earth and atmosphere.
RECLAMATION	The process of recovering water to a quality where it can be reused.
RESERVOIR	A pond, lake, or basin, either natural or artificial, for the storage, regulation, and control of water.
REVENUE	Gross increase in capital attributable to business activities resulting from the sale of merchandise, performance of services, rental of property, and other activities entered into for the purpose of earning income.
RIVER BASIN	Total area drained by a river and its tributaries.
SLUDGE	The accumulated solids separated from liquids, such as water or wastewater during processing, or deposits on bottoms of streams or other bodies of water.
SOURCES OF FUNDS	Money received from bank loans, bond issuance, or inter-department loans.
SUBORDINATION RATE	Rate we charge when allowing another water user to get a state water rights permit predicated on the non-use of one of GBRA's water rights permits.
SURFACE WATER	Natural sources, such as rivers and lakes
TEXAS WATCH	A volunteer program to monitor the quality of a body of water.
TRANS-TEXAS	A regional plan to study the transfer of water from one river basin to another.
TRICKLING FILTER	A treatment process unit consisting of an artificial bed of coarse material, such as broken stone, clinkers, slate, slats, brush or plastic materials, over which wastewater is distributed or applied in drops, films, or spray from troughs, drippers, moving distributors or fixed nozzles and trough which it trickles to the underdrains, giving opportunity for the formation of slimes that clarify and oxidize the wastewater.
TRUSTEE	A trustee represents the interest of bondholders in debt financing. The role of the trustee is to monitor the collection, investment and timely repayment of funds identified in the debt financing.
UNDERWRITER	An underwriter is a municipal securities dealer that purchases a new municipal bond issue for resale to investors.
UNDERWRITER COUNSEL	An underwriter counsel is a law firm specializing in municipal and tax law that represents the interests of the underwriter during the structuring of a financing.

Glossary

Term	Description
USES OF FUNDS	Money spent toward the purchase fixed assets, project development, work in progress, inter-fund loan payments, or outside debt payments.
VIRTUALIZATION	Virtualization refers to technologies designed to provide a layer of abstraction between computer hardware systems and the software running on them. At GBRA we've invested in server virtualization. Server virtualization is a virtualization technique that involves partitioning a physical server into a number of virtual servers with the help of virtualization software. Each virtual server runs its own operating system and applications, and looks and behaves like a physical server, multiplying the capacity and increasing the resource utilization of the physical server.
WASTEWATER	Flow of used water from a community. It may be a combination of the liquid and water-carried wastes from residences, commercial building, industrial plants, and institutions, together with any groundwater, surface water and storm-water that may be present.
WATER CONSERVATION	In its broadest use the protections, development, and efficient management of water resources for beneficial purposes. Measures that are intended to improve water use efficiency, increase water reuse and recycling, or minimize the waste of water so that water supplies are conserved and made available for future and alternative uses.
WATER QUALITY	Fitness of water for use, being affected by physical, chemical, and biological factors.
WATER RIGHTS	A legally protected right, granted by the law, to take possession on water occurring in a water supply and to divert the water and put it to beneficial use.
WORKING CAPITAL	The amount of current assets that exceeds current liabilities.

Index

A

Acronyms	Section M, 1-3
Authorized Spending Levels	30

B

Board of Directors	26
Boerne ISD WWTP	Section F, 67-72
Buda WWTP	Section E, 35-42
Budget Calendar	22
Budget Formats	12-13
Budget Process Overview	21
Bulverde Singing Hills WWTP.....	Section F, 55-60

C

Calhoun Canal System	Section E, 17-26
Calhoun County Rural Water Supply Division	Section H, 1-10
Canyon Hydroelectric Division	Section K, 1-8
Canyon Park WWTP	Section D, 11-18
Carrizo Groundwater Supply	Section E, 43-48
Coleto Creek Division	Section I, 1-20
Coleto Creek Recreation System	Section I, 11-20
Coleto Creek Reservoir System	Section I, 1-10
Comal Trace Subdivision Water Distribution System	Section F, 33-40
Consolidated Funds	Section A, 1-14
Cordillera WWTP	Section F, 25-32
Cordillera Water Distribution System	Section F, 17-24

D

Debt Information	61
Debt Obligations and Debt Amortization Schedules	62-73
Definitions	Section M, 4-8

Index

E

Expense Charts

Calhoun County RWS Division	Section H, 6
Canyon Hydroelectric Division	Section K, 6
Coletto Creek Recreation	Section I, 16
Coletto Creek Reservoir	Section I, 6
Consolidated	Section A, 2
General Division	Section B, 5
Guadalupe Valley Hydroelectric Division	Section C, 5
Lockhart WWTP	Section L, 5
Lockhart WTP	Section L, 14
Luling WTP Division	Section J, 6
Port Lavaca WTP Division	Section G, 6
Rural Utilities Division	Section D
Shadow Creek WWTP.....	D, 5
Canyon Park WWTP.....	D, 14
Stein Falls WWTP	D, 23
Sunfield WWTP	D, 30
Water Resources Division	Section E, 7
Buda WWTP	E, 39
Calhoun Canal	E, 21
Carrizo Groundwater Supply.....	E, 46
San Marcos WTP.....	E, 31
Western Canyon Division	Section F, 5
Boerne ISD WWTP.....	F, 70
Bulverde Singing Hills WWRS.....	F, 58
Comal Trace WDS	F, 36
Cordillera WDS.....	F, 20
Cordillera WWTP.....	F, 28
4S Ranch WWTP	F, 14
Johnson Ranch WDS.....	F, 44
Johnson Ranch WWTP.....	F, 52
Park Village WWTP.....	F, 64

F

Financial Goals.....	5
Financial Policies	3-5
Financial Reserve Data	46
Financial Summary	39-44
Financial Summary Section	39-73
Financial Trend Graph	45

Index

G

GBRA Operational Chart	17
GBRA Organizational Chart	25
General & Statistical Summary Section	1-24
General Division	Section B, 1-9
General Information	16
Glossary	Section M, 1-8
Guadalupe Valley Hydroelectric Division	Section C, 1-8

H

Historical Operating Expense Graphs	50
Historical Operating Revenue Graphs	47-49
Historical Review	1-2

I

Introductions

Calhoun County RWS Division	Section H, 1
Canyon Hydroelectric Division	Section K, 1
Coleto Creek Division	Section I, 1
General Division	Section B, 1
Guadalupe Valley Hydroelectric Division	Section C, 1
Lockhart Division	Section L, 1
Luling WTP Division	Section J, 1
Port Lavaca WTP Division	Section G, 1
Rural Utilities Division	Section D, 1
Water Resources Division	Section E, 1
Western Canyon Division	Section F, 1

J

Johnson Ranch WDS	Section F, 41-48
Johnson Ranch WWTP	Section F, 49-54

Index

L

List of Principal Customers	18
Lockhart Division	Section L, 1-17
Lockhart Water Treatment Plant	Section L, 9-17
Lockhart Waste Water Treatment Plant	Section L, 1-8
Luling Water Treatment Plant Division	Section J, 1-10

M

Major Elements	6-11
Management Team	27
Map of River Basin	14
Mission, Goals and Objectives	2-3

O

Operating Statistics	19-20
----------------------------	-------

P

Park Village WWTP	Section F, 61-66
Program Narrative	1-13
Port Lavaca Water Treatment Plant Division	Section G, 1-10

Index

R

Rates and Rate Structures	51-60
Revenue Charts	
Calhoun County RWS Division	Section H, 5
Canyon Hydroelectric Division	Section K, 5
Coleta Creek Recreation	Section I, 15
Coleta Creek Reservoir	Section I, 5
Consolidated	Section A, 1
General Division	Section B, 4
Guadalupe Valley Hydroelectric Division	Section C, 4
Lockhart WWTP	Section L, 4
Lockhart WTP	Section L, 13
Luling WTP Division	Section J, 5
Port Lavaca WTP Division	Section G, 5
Rural Utilities Division	Section D
Shadow Creek WWTP	D, 4
Canyon Park WWTP	D, 13
Stein Falls WWTP	D, 22
Sunfield WWTP	D, 29
Water Resources Division	Section E, 6
Buda WWTP	E, 38
Calhoun Canal	E, 20
Carrizo Groundwater Supply.....	E, 45
San Marcos WTP.....	E, 30
Western Canyon Division	Section F, 4
Boerne ISD WWTP.....	F, 69
Bulverde Singing Hills WWRS.....	F, 57
Comal Trace WDS	F, 35
Cordillera WDS	F, 19
Cordillera WWTP.....	F, 27
4S Ranch WWRS	F, 13
Johnson Ranch WDS.....	F, 43
Johnson Ranch WWTP.....	F, 51
Park Village WWTP.....	F, 63
Rural Utilities Division	Section D, 1-40

Index

S

4S Ranch WWTP	Section F, 11-16
San Marcos Water Treatment Plant	Section E, 27-34
Shadow Creek WWTP	Section D, 1-10
Staffing and Compensation Tables	31-37
Staffing Summary and Charts	
Calhoun County RWS Division	Section H, 4
Canyon Hydroelectric Division	Section K, 4
Coleto Creek Recreation	Section I, 14
Coleto Creek Reservoir	Section I, 4
General Division	Section B, 3
Guadalupe Valley Hydroelectric Division	Section C, 3
Lockhart WTP	Section L, 12
Lockhart WWTP	Section L, 3
Luling WTP Division	Section J, 4
Port Lavaca WTP Division	Section G, 4
Rural Utilities Division	Section D, 4
Stein Falls WWTP	D, 21
Shadow Creek WWTP	D, 3
Water Resources Division	Section E, 4-5
Buda WWTP	E, 37
Calhoun Canal	E, 19
San Marcos WTP	E, 29
Western Canyon Division	Section F, 3
Statistical Data	15
Stein Falls WWTP	Section D, 19-26
Sunfield WWTP Division	Section D, 27-34

T

Types of Operating Systems	39-40
----------------------------------	-------

W

Water Resources Division	Section E, 1-48
Water Sales System	Section E, 1-16
Western Canyon Division	Section F, 1-72
Western Canyon WTP	Section F, 1-10