

GUADALUPE-BLANCO RIVER AUTHORITY

WORK PLAN AND BUDGET

Fiscal Year Ending August 31, 2021



Seguin, Texas

GUADALUPE-BLANCO RIVER AUTHORITY

WORK PLANS AND BUDGETS

Fiscal Year Ending August 31, 2021

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Nathan Pence
Executive Manager of Environmental Science & Community Affairs

Guadalupe-Blanco River Authority

Fiscal Year 2021 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	Budget-to-Actual
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 2021 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 2018 and an outline is presented in the document. In developing the FY 2021 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 2021 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, 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 Coleta Creek Reservoir.

This new reservoir was designed and stills 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 (formerly Dunlap) 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. 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 and will guide the work of the organization through 2028. 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 expenditures 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 expenditures including operating expenses, 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 2 positions are included in the Work Plan for FY 2021 in comparison to the previous year's Work Plan. The position additions are included in the table below:

VI. MAJOR ELEMENTS

Described below are some of the major elements in the GBRA Work Plan and Budget for FY 2021 as well as some of the key components in our efforts to implement and advance the broader GBRA Goals and Objectives.

In March of 2020, COVID-19, or coronavirus, began changing the landscape of individuals, businesses, governments and every other sector of the economy. With directives from the federal and state levels, most businesses were required to close down in an effort to limit the spread of the extremely contagious and dangerous virus. With knowledge that GBRA's customers were negatively impacted by this shutdown, during the FY 2021 budget planning process, customers were at the forefront of every decision made in an effort to limit rate increases where possible. As a result, the FY 2021 budget is very lean. There were no funds included for standard merit raises for employees and many budget requests were not included in order to hold the line on expenses. Minor adjustments may be necessary during the year to respond to changing needs.

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.
- 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 the same 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 that was adjusted in the fall of 2019, 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 operations as well as a multi-million dollar repair and replacement program needed for its aging infrastructure. GBRA is working with lake association partners whom receive direct benefits from the lakes to establish contracts for the funding of infrastructure replacements and facility operations.
- 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 that began operations during FY 2001.

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. As part of the FY 2020 budget, a wastewater collection crew was hired to proactively assess wastewater pipelines to clear potential blockages before an issue arises for customers. Investments in capital equipment were made to assist the crew in their assessments and inspection data is loaded to GBRA's asset management and GIS systems for future reference.
- C. GBRA will be developing the Dietz Wastewater Collection System to serve the high growth area along Highway 46 between New Braunfels and Seguin. Funding for the project is expected to be obtained during the fiscal year.
- 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. An application for funding is currently being prepared for the Texas Water Development Board, with construction anticipated to begin in the fall of 2020.

- E. Beginning in the fall of 2019, customer wastewater bills in Johnson Ranch were modified to take into account water consumptive use. A winter average is determined based on water usage in the months of December, January, and February (the presumed lowest water usage months due to limited irrigation). Other retail wastewater system's billing calculations may be converted to similar programs in the future.
- F. 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.

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 current 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. Future work will commence to mitigate any impact from fresh water zebra mussels to the intake pipe that leads 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.
- E. GBRA's contract rate for firm water is budgeted at \$151 per acre-foot per year. The program costs within GBRA's Water Resource operations have trended up with time. However, with the advent of the COVID-19 pandemic, GBRA has worked to hold the line

on cost increases. The result of which is no change in the firm water rate. Programs that will be an emphasis in the FY 2021 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 2021 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, support for the Texas Lineman's Rodeo 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.
- 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. This full project is expected to be funded through a future revenue bond issuance.



- 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. The total operating revenue budget exclusive of debt service for this project during 2021 is \$1,849,830.
- 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. The FY 2021 revenue budget for this pipeline is \$642,483.
- N. In the Calhoun County Rural Water Supply Division, the project to improve system efficiency with the installation of new meters is expected to be completed in 2020. This will make transmissions of data easier and reduce staff time in collecting water usage information.
- 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. An expansion is not expected to be needed until 2028 or later.
- P. Staff have been working with officials and local developers in western Comal County and Kendall County for a potential regional wastewater plant that serves several areas. A study has been completed and a second phase was recently initiated. Costs of the project are under discussion with potential partners.
- Q. 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.
- R. 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.

Recreation and Tourism Development

- A. GBRA operates three park facilities, including the Coleta Creek Regional Park located in Victoria and Goliad Counties, the Guadalupe Recreation System in Guadalupe County, and the Lake Wood Recreation Area in Gonzales County. These parks provide picnicking, camping and water-oriented recreation for the residents and visitors of the river basin.
- B. The Guadalupe Recreation System and the Guadalupe Valley Hydroelectric Division host the Texas Lineman's Rodeo in July each year, which draws approximately 1,800-2,000 participants and visitors to the park for the competition.
- C. 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 personnel 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. Additional protocols were established in response to COVID-19 to protect employees, customers, and vendors.
- 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 2021. The overall employee benefit operating costs are expected to increase from \$5,291,500 in FY 2020 to \$5,559,210 in FY 2021.

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 Sunfield Wastewater Treatment Plant, 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 and 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.

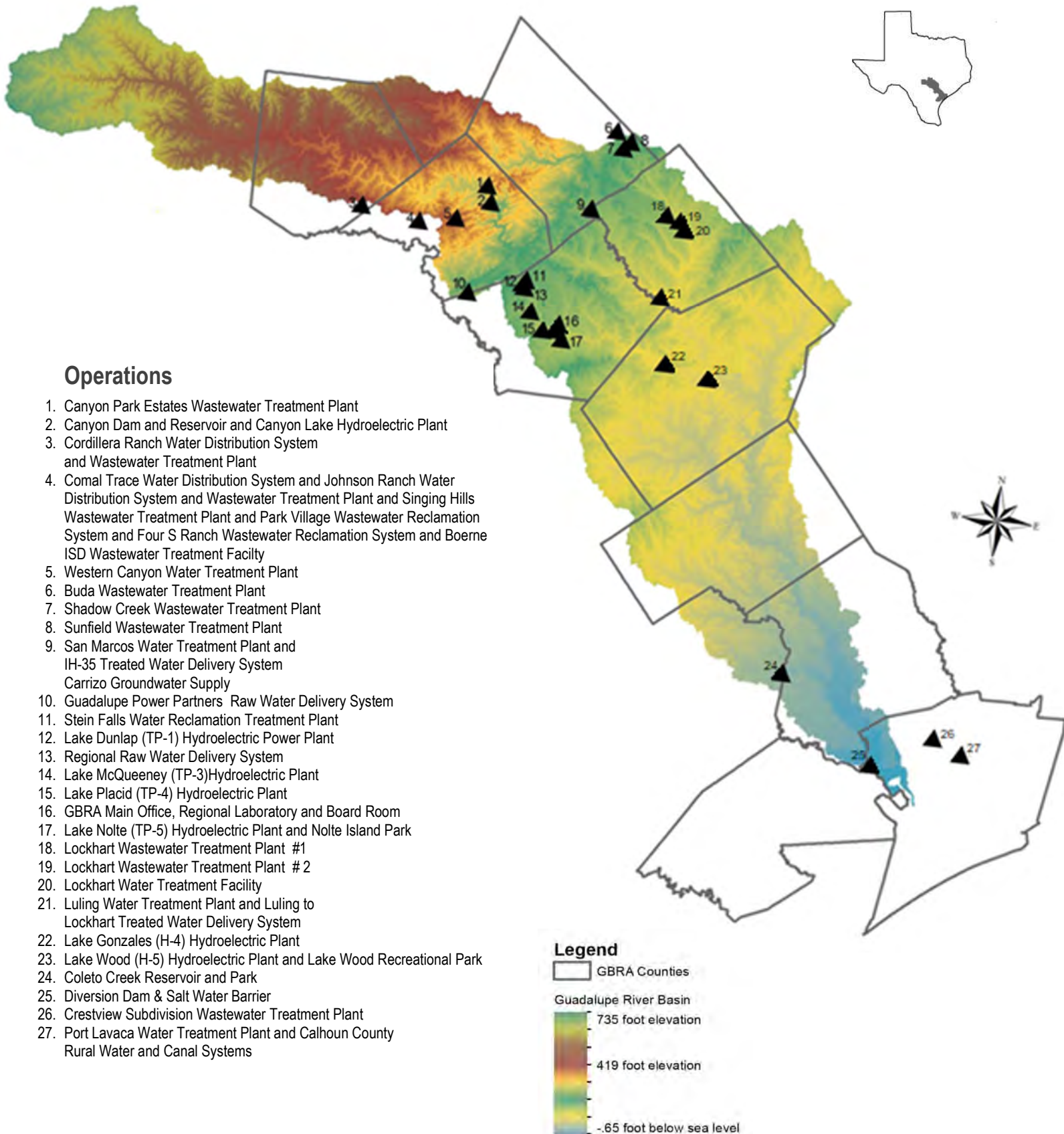
VIII. STATISTICAL & FINANCIAL DATA

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 2021 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 2020 to FY 2021 are shaded in yellow for ease of identification. The budgets have been prepared with the assumption that the rates will be in effect for most of the year, pending contractual requirements to notify customers. Beginning in FY 2021, all rates will be 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

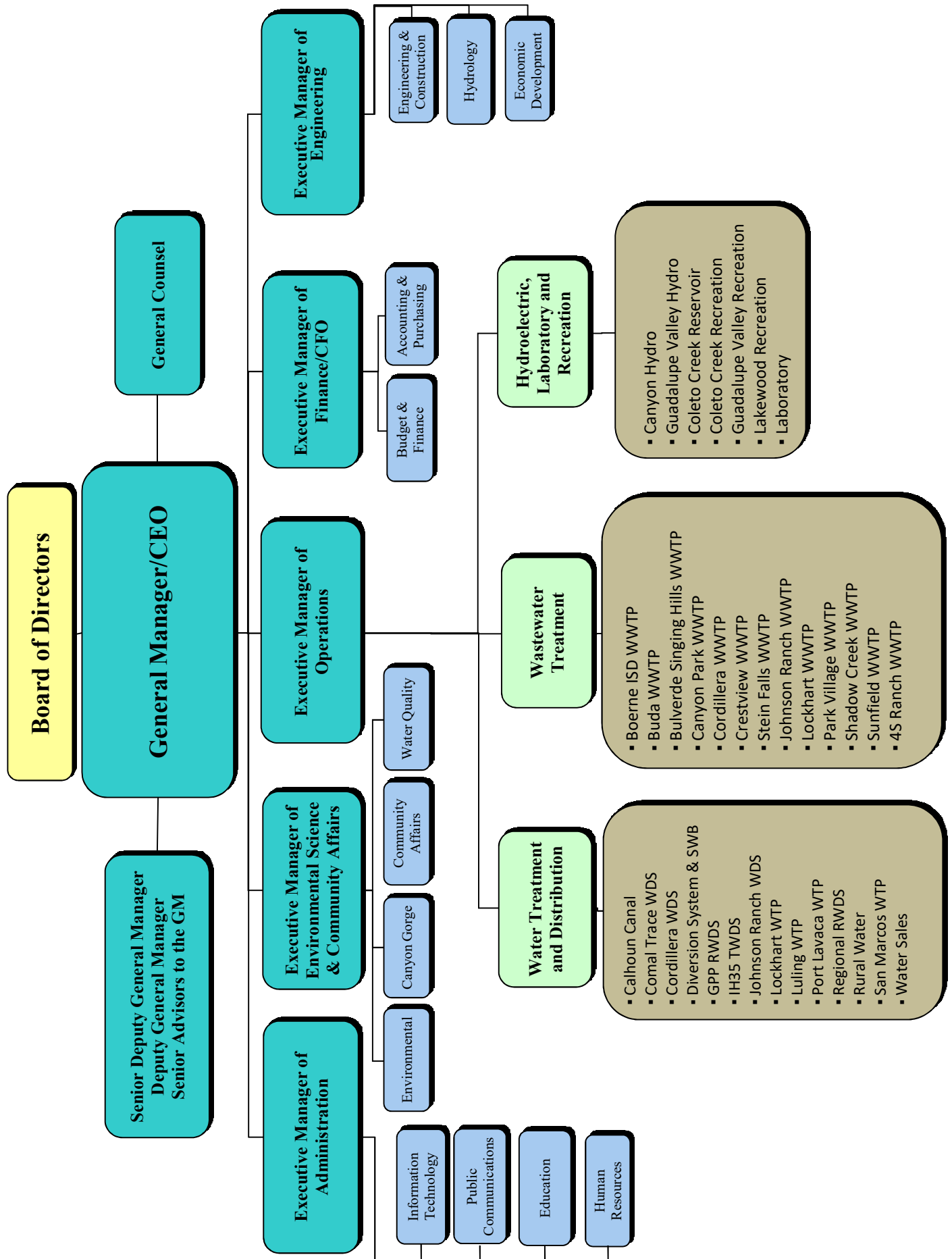
Created under..... Vernon's Civil Statutes, Article 8280-106
 Year Created 1933
 Domicile New Braunfels, Texas
 Last Revision of Enabling Act..... 1975
 Last Revision of Bylaws 2012
 Population of District..... 624,049
 Area of District 7,300 square miles
 Average Annual Rainfall of District..... 33.02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

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

Boerne ISD Voss Middle School
City of Buda
City of Bulverde
City of Lockhart
Cordillera Ranch
North Hays County MUD #1
Sunfield Municipal Utility District #4
Johnson Ranch Municipal Utility District
Comal County WCID #6

POWER SALES & OTHER SERVICES

WATER SALES CUSTOMERS

Canyon Lake Water Supply Corp.
Canyon Regional Water Authority
City of Boerne
City of Buda
City of Fair Oaks Ranch
City of Kyle
City of Port Lavaca
City of San Marcos
City of Seguin
Coleto Creek Power, LP
Cordillera Ranch
Crystal Clear Water Supply Corporation
Calpine (Guadalupe Power Partners)
Luminant (Hays Energy Limited Partnership)
Ineos Nitriles Green Lake Plant
New Braunfels Utilities
San Antonio Water System
Springs Hill Water Supply Corporation
Sunfield Municipal Utility District #4



WASTEWATER TREATMENT CUSTOMERS

WATER TREATMENT CUSTOMERS

Calhoun County Rural Water Corporation
City of Boerne
City of Buda
City of Fair Oaks Ranch
City of Kyle
City of Lockhart
City of Luling
City of Port Lavaca
City of San Marcos
Cordillera Ranch
Goforth Special Utility District
Kendall West Utilities
Port O'Connor Improvement District
San Antonio Water System
Sunfield Municipal Utility District #4

Operating Statistics

Operating Statistics	Actual			Budget	
	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Water Treatment Customers:					
<i>Total Retail Water Distributed (Gal.)</i>					
Calhoun County Rural Water Division	79,187,000	83,300,000	86,693,565	89,240,000	89,240,000
Cordillera WDS	139,228,100	146,189,505	137,563,000	180,000,000	154,479,000
<i>Total Water Treated (Gal.)</i>					
Lockhart Water Treatment Plant	546,343,000	575,461,000	526,173,000	542,399,000	542,567,000
Luling Water Treatment Plant	668,198,000	676,748,000	617,172,000	651,661,000	654,347,000
Port Lavaca Water Treatment Plant	626,247,000	680,921,000	636,943,000	692,290,000	692,290,000
San Marcos Water Treatment Plant	3,261,793,000	4,173,404,000	3,830,390,000	3,998,126,000	3,941,124,000
Western Canyon Water Treatment Plant	3,737,741,000	3,664,963,000	3,651,168,000	3,613,500,000	3,649,531,000
Wastewater Treatment Customers:					
<i>Total Retail Wastewater Collected (Gal.)</i>					
Cordillera WWTP	15,410,000	15,206,800	18,040,000	20,403,000	21,423,150
Crestview Subdivision WWTP	2,150,000	2,562,794	3,709,000	2,300,000	2,000,000
Johnson Ranch WWTP	9,788,400	14,125,400	19,860,000	20,488,000	21,512,000
Rural Utilities Division	190,500,000	181,400,000	209,700,000	210,000,000	135,035,000
Shadow Creek WWTP	64,880,000	61,690,000	71,250,000	76,650,000	87,600,000
<i>Total Wastewater Treated (Gal.)</i>					
Boerne ISD WWTP	--	--	--	365,000	912,500
Buda Wastewater Treatment Plant	412,900,000	394,200,000	428,560,000	444,000,000	444,000,000
Bulverde Singing Hills WWTP	--	--	15,190,000	13,792,000	14,481,000
Lockhart Wastewater Reclamation System	451,010,000	399,400,000	366,470,000	441,080,000	433,140,000
Sunfield Wastewater Treatment Plant	44,800,000	54,750,000	83,980,000	127,860,000	135,000,000
Water Sales Customers:					
<i>Rice Irrigation First Crop (Acres)</i>					
Calhoun Canal System	--	291	--	--	--
<i>Water Delivered (Gal.)</i>					
Guadalupe Power Partners RWDS	1,029,213,000	1,152,533,000	1,014,987,000	856,209,950	1,051,366,000
IH 35 TWDS	1,059,993,000	1,112,993,000	1,661,547,000	1,708,565,000	1,958,225,000
Regional RWDS	4,032,457,000	5,190,054,000	5,032,365,000	4,963,915,000	5,368,134,000
Lu-Lo TWDS	407,704,000	426,367,000	386,499,000	412,021,000	405,232,000
Power Sales:					
<i>Total Generation (kWh)</i>					
Guadalupe Valley Hydroelectric Division	63,024,500	28,993,400	62,320,000	27,824,000	30,083,850
Canyon Hydroelectric Division	17,949,565	180,453	15,770,000	8,861,272	8,608,140

Operating Statistics

Operating Statistics (cont.)	Actual			Budget	
	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Other Services:					
<i>Annual Permits</i>					
Coletto Creek Regional Park	265	252	241	225	225
Lake Wood Recreational Park	3	1	3	1	--
<i>Camping Permits</i>					
Coletto Creek Regional Park	13,850	14,962	13,609	10,080	10,080
Lake Wood Recreational Park	3,140	2,114	2,263	3,103	1,503
<i>Cabin Permits</i>					
Coletto Creek Regional Park	623	532	391	650	650
<i>Day Use Permits</i>					
Coletto Creek Regional Park	17,607	16,547	15,065	17,500	17,500
Lake Wood Recreational Park	2,064	1,605	1,745	2,089	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. Every employee is involved in the budget – whether it is in preparation, implementation, administration, or evaluation. The Finance and Administration 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-June, 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 conducting quarterly budget feedback reviews throughout the Fiscal Year. 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 expenditures 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 expenditures recognized when a commitment is made, but revenues are also recognized when they are obligated to the Authority. The Comprehensive Annual Financial Report (CAFR) 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 and amortization expense (these are 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 CAFR); deferred costs and expenses (these deferred costs and expenses are not shown in the budget, but are recognized in the CAFR); 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>Sunfield WWTP</i> budget to Sunfield MUD
June 15	Mail <i>Port Lavaca</i> budget to the City of Port Lavaca
June 15	Mail <i>Coleta Creek Reservoir</i> budget to Coleta Power Group, LP
July 1	Mail <i>Shadow Creek WWTP</i> budget to North Hays County MUD
July 1	Mail <i>Buda WWTP</i> budget to City of Buda
July 1	Mail <i>Boerne ISD Voss Middle School WWTP</i> budget to Boerne ISD
July 1	Mail <i>Canyon Hydro</i> budget to New Braunfels Utilities
July 1	Mail <i>Lockhart WWTP & WTP</i> budgets to the City of Lockhart
July 15	Mail proposed budgets to GBRA Board members
July 15	Mail <i>G.V. Hydroelectric</i> budget to GVEC (not a contract requirement)
July 15	Mail <i>Singing Hills WWTP</i> budget to City of Bulverde
July 15	Mail <i>Calhoun County RW</i> budget to Rural Water Board
July 15	Mail <i>Luling WTP</i> budget to the City of Luling
August 1	Mail <i>Cordillera</i> budgets to Cordillera Ranch, LTD
August 1	Mail <i>Johnson Ranch</i> budgets to DH Investment
August 1	Mail <i>Park Village WWTP and 4S Ranch WWTP</i> to Comal County WCID #6
July 17^t	Review proposed budgets with GBRA Board
August 21	Board scheduled to approve 2021 budgets



Holiday Schedule

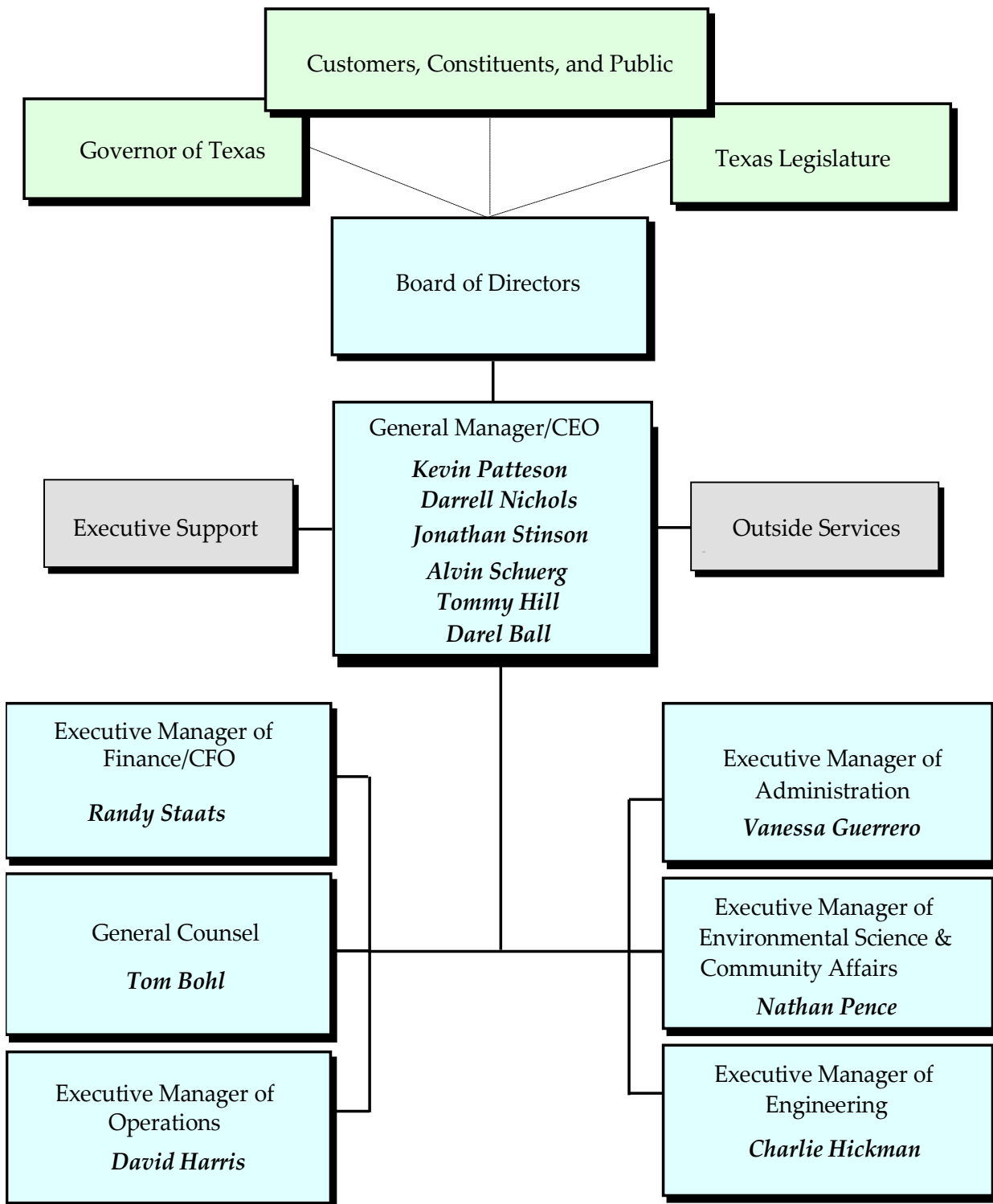
Labor Day	Monday	September 7, 2020
Thanksgiving Thanksgiving	Thursday Friday	November 26, 2020 November 27, 2020
Christmas Eve Christmas Day	Thursday Friday	December 24, 2020 December 25, 2020
New Year's Eve New Year's Day	Thursday Friday	December 31, 2020 January 1, 2021
Floating Holiday	Monday	January 18, 2021
Good Friday	Friday	April 2, 2021
Memorial Day	Monday	May 31, 2021
Independence Day	Monday	July 5, 2021
Safety Holiday	TBD	*

- 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



Kenneth Motl
Secretary/Treasurer
CALHOUN COUNTY
Reappointed: 2018, Gov. Greg Abbott



William R. Carbonara
Director
DEWITT COUNTY
Appointed: 2013, Gov. Rick Perry



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



Ronald J. "Ron" Hermes
Director
GUADALUPE COUNTY
Appointed: 2016, Gov. Greg Abbott



Tommy Mathews II
Director
KENDALL COUNTY
Reappointed: 2016, 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 certificates and willingness to serve – are the difference-makers, performing their jobs with pride and dedication. The tables below identify GBRA’s current leaders and their length of service with GBRA.

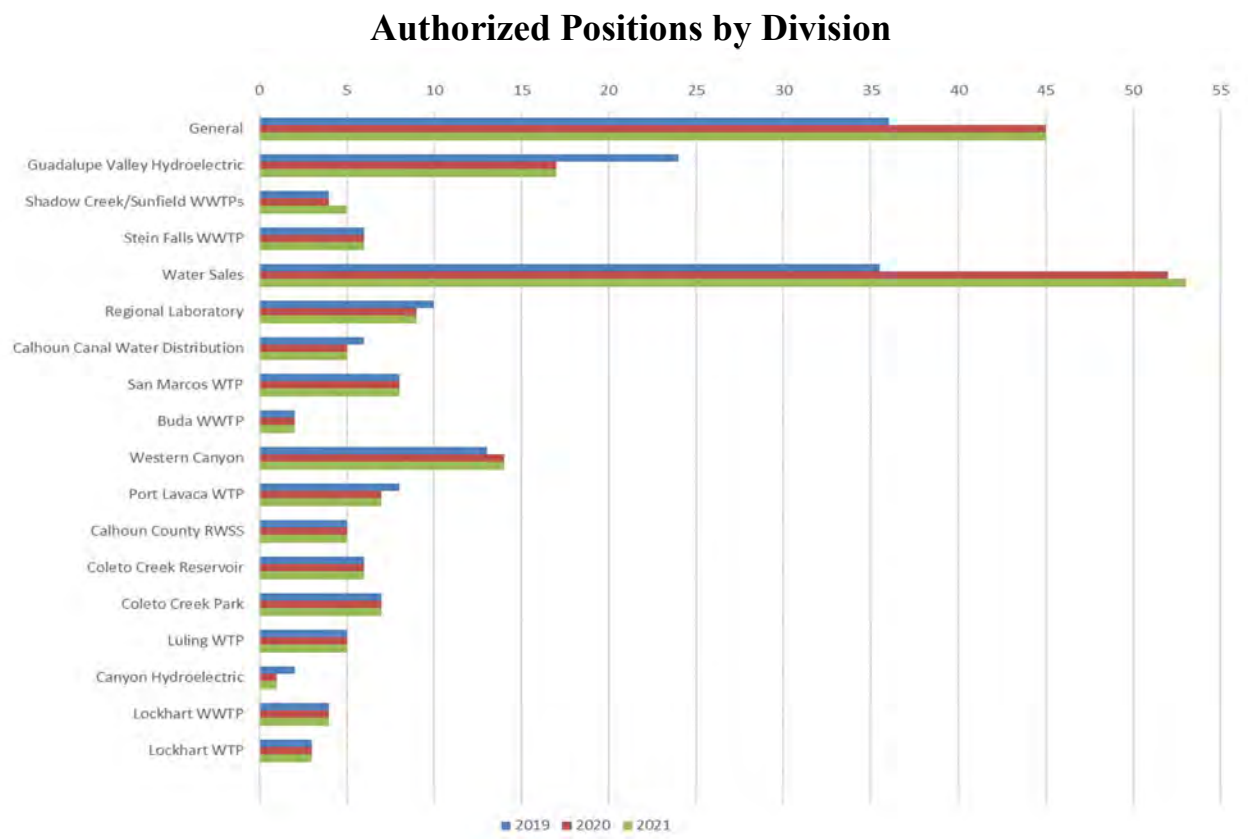
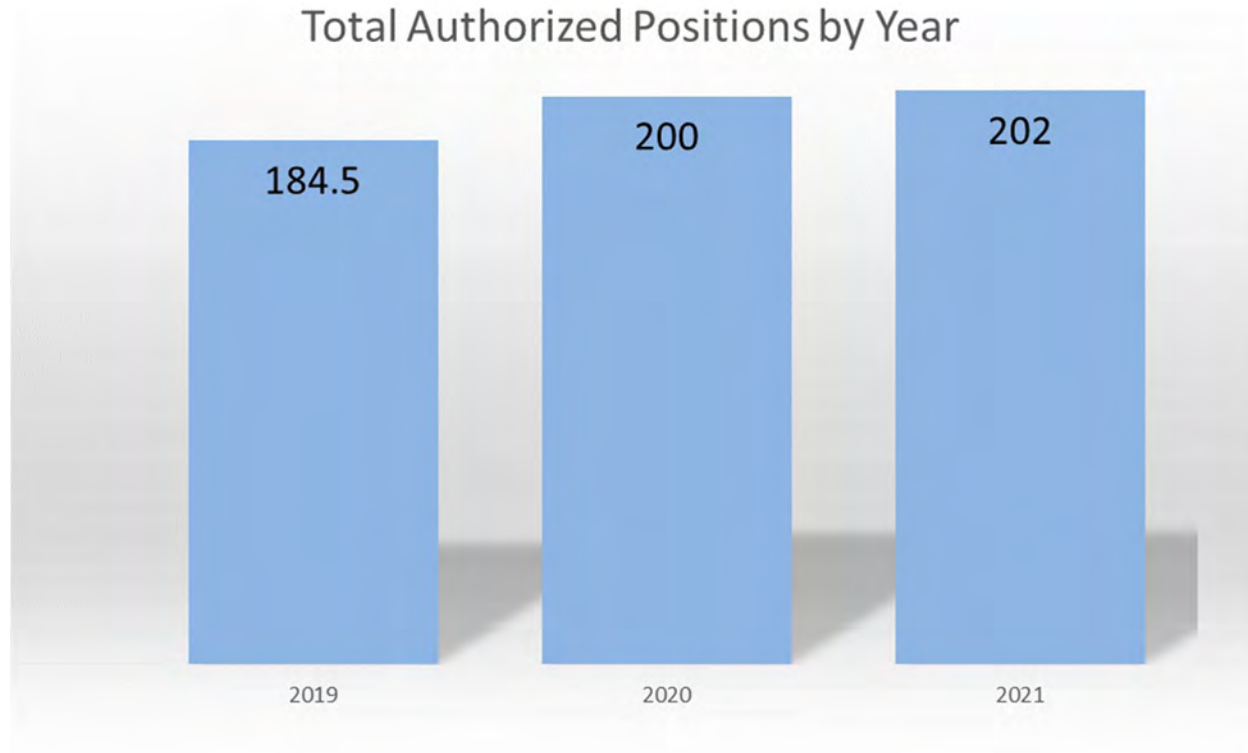
Board of Directors

NAME	POSITION	TERM EXPIRES	COUNTY REPRESENTING
Dennis L. Patillo	Chair	2/1/21	Victoria
Don B. Meador	Vice Chair	2/1/19	Hays
Kenneth A. Motl	Sec/Treasurer	2/1/23	Calhoun
Vacant	Director	--	Comal
Oscar H. Fogle	Director	2/1/23	Caldwell
William R. Carbonara	Director	2/1/19	Dewitt
Stephen B. “Steve” Ehrig	Director	2/1/19	Gonzales
Ronald J. “Ron” Hermes	Director	2/1/21	Guadalupe
Tommy Mathews II	Director	2/1/21	Kendall

Executive Team

NAME	POSITION
Kevin Patteson	General Manager/CEO
Darrell Nichols	Senior Deputy General Manager
Jonathan Stinson	Deputy General Manager
Alvin Schuerg	Senior Advisor to the General Manager
Tommy Hill	Senior Advisor to the General Manager
Darel Ball	Senior Advisor to the General Manager
Tom Bohl	General Counsel
Vanessa Guerrero	Executive Manager of Administration
Nathan Pence	Executive Manager of Environmental Science & Community Affairs
Randy Staats	Executive Manager of Finance/CFO
David Harris	Executive Manager of Operations
Charlie Hickman	Executive Manager of Engineering

Staffing Summary





Staffing Summary

Division	# of Authorized Positions (FTE)			Increase/ (Decrease)
	2019	2020	2021	
General	36	45	45	0
Guadalupe Valley Hydroelectric	24	17	17	0
Shadow Creek/Sunfield WWTPs	4	4	5	1
Stein Falls WWTP	6	6	6	0
Water Sales	35.5	52	53	1
Regional Laboratory	10	9	9	0
Calhoun Canal Water Distribution	6	5	5	0
San Marcos WTP	8	8	8	0
Buda WWTP	2	2	2	0
Western Canyon	13	14	14	0
Port Lavaca WTP	8	7	7	0
Calhoun County RWSS	5	5	5	0
Coleto Creek Reservoir	6	6	6	0
Coleto Creek Park	7	7	7	0
Luling WTP	5	5	5	0
Canyon Hydroelectric	2	1	1	0
Lockhart WWTP	4	4	4	0
Lockhart WTP	3	3	3	0
Total	184.5	200	202	2

Changes from FY 2019 to FY 2020

1-Senior Advisor to the GM was added in General; 1-Help Desk Technician position was added in General; 1-Director of Regulatory & Customer Affairs was added in General; 1-Finance Staff was added in General.
 1-Senior Deputy Division Manager was removed in GV Hydroelectric.
 1-Belt Press Operator position was added in Rural Utilities Division.
 5-Maintenance Crew-Wastewater Collection, Pipeline, Resource Mgmt positions were added in Water Sales.
 1-Asset Management position was added in Water Sales; 3-Construction/Electric Inspectors were added in Water Sales; 1-Engineer was added in Water Sales; 1-Electrical/Instrumentation Technician Supervisor was added in Water Sales; 1-Environmental Services Assistant was added in Water Sales; 1-Gorge, Park Ranger position was added in Water Sales; 2.5-Gorge, P/T Program Assistant positions were added in Water Sales; 1-Deputy Lab Director position was removed in Water Sales; 1-Manager of Project Engineering position was removed in Water Sales; 1-Director of SA Bay Foundation was removed in Water Sales.; 1-Gorge, Land Management position was removed in Water Sales.
 The remaining position changes were internal reclassifications between divisions.

Changes from FY 2020 to FY 2021

1-Operator was added to the Sunfield system.
 1-Chief Science Officer was added for the Water Resource Division.
 Some internal reclassifications and position conversions were made during the year.

Authorized Spending Levels

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

Up to \$25,000	
Assistant General Counsel	Director of Government Relations
Deputy Chief Financial Officers	Project Manager
Deputy Executive Manager of Operations	Senior Engineer

Up to \$15,000	
Accounting Manager	Laboratory Director
Communication Manager	Clean River Supervisor
Chief Science Officer	Plant Managers
Division Managers	Purchasing Manager
Human Resources Manager	Reservoir Manager
IT Manager	Safety & Risk Manager

Up to \$5,000	
Chief Operators	Executive Assistants
Chief Rangers	Maintenance Supervisors
Chief Water Tenders	Project & Community Representative
Deputy Division Managers	Regional Representative
Electrical/Instrumentation Tech Supervisor	SCADA Administrator
Engineers	Database 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 Accounting.

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
Senior Advisor to the General Manager	010
Senior Advisor to the General Manager	010
General Counsel	010
Executive Manager of Administration	010
Executive Manager of Finance/CFO	010
Assistant General Counsel	010
Assistant General Counsel	010
Deputy CFO-Accounting & Purchasing	010
Deputy CFO-Finance	010
Director of Government Relations	010
Accounting Manager	010
Communication Manager	010
Director of Regulatory & Customer Affairs	010
Human Resources Manager	010
IT Manager	010
Purchasing Manager	010
Safety & Risk Manager	010
Accounting Services Supervisor	010
Executive Assistant to the General Counsel	010
Executive Assistant to the General Manager	010
GIS Administrator	010
Grant Writer/Administrator	010
SCADA Administrator	010
Database Administrator	010
Communications Specialist	010
Environmental Education Administrator	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
Accounting Assistant I	010
Customer Service Assistant II	010
Records Assistant	010
Utility Billing/Customer Service Specialist	010
Customer Service Assistant I	010
Associate General Counsel	010
Paralegal	010

POSITION	SYSTEM
PROJECT ENGINEERING & DEVELOPMENT	
Executive Manager of Engineering	041
Senior Engineer	041
Project Manager	041
Electrical/Instrumentation Control Analyst	041
Electrical/Instrumentation Control Analyst	041
Project Coordinator	041
Engineer I	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
Engineering Analyst	041
RESOURCE POLICY & STEWARDSHIP	
Executive Manager of Environmental Science & Community Affairs	041
Chief Science Officer	041
Clean Rivers Program Supervisor	041
Project & Community Representative	041
Aquatic Biologist	041
Regional Representative	041
Senior Environmental Services Administrative Assistant	041
Natural Resource Specialist	041
Gorge, Park Ranger	041
Water Quality Technician I	041
Gorge, Administrative Assistant	041
Gorge, Program Assistant (P/T)	041
Gorge, Program Assistant (P/T)	041
Gorge, Program Assistant (P/T)	041
Gorge, Program Assistant (P/T)	041
Gorge, Program Assistant (P/T)	041
Gorge, Program Assistant (P/T)	041
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 & Rural Utilities	041
Division Manager – Western Canyon Operations	041

POSITION	SYSTEM
OPERATIONS & WATER QUALITY (Continued)	
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 II	021
Maintenance Crew II	021
Maintenance Crew II	021
Maintenance Crew II	021
Maintenance Crew II	021
Plant Attendant	021
Maintenance Crew	021
Maintenance Crew	021
Maintenance Crew	021
Chief Operator	030
Operator III	030
Operator II	030
Operator III	030
Operator	030
Chief Operator	033
Operator IV	033
Operator III	033
Operator II	033
Operator II	033
Operator II	033
Electrical/Instrumentation Technician Supervisor	041
Electrical/Instrumentation Technician	041
Electrical/Instrumentation Technician	041
Electrical/Instrumentation Technician	041
Electrical/Instrumentation Technician	041
Electrical/Instrumentation Technician	041
Assistant Chief Ranger	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	041
Utility Accounts Assistant	041
Park Ranger	041
Laboratory Director	041
Customer Project Manager I	041
Quality Assurance Officer I	041
Laboratory Technician III	041
Laboratory Technician II	041
Laboratory Technician II	041
Laboratory Technician II	041
Laboratory Technician I	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 II	044
Operator II	044
Operator II	044
Operator II	044
Operator II	044
Operator I	044
Operator IV	045
Operator II	045
Chief Operator	050
Chief Operator	050
Chief Operator	050
Electrical/Instrumentation Technician	050



POSITION	SYSTEM
OPERATIONS & WATER QUALITY (Continued)	
Operator IV	050
Distribution/Plant Operator III	050
Operator II	050
Operator II	050
Operator II	050
Operator II	050
Operator II	050
Operator II	050
Operator II	050
Operator I	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
Reservoir Manager	091
Electrical/Instrumentation Technician	091
Office Manager	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	092
Chief Operator	100
Operator IV	100
Operator II	100
Operator III	100
Operator II	100

POSITION	SYSTEM
OPERATIONS & WATER QUALITY (Continued)	
Maintenance Crew II	120
Chief Operator	130
Operator III	130
Operator III	130
Operator I	130
Operator III	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. Since GBRA does not have the power of taxation, there is no appropriated budget or encumbrance accounting system.

GBRA's accounting system does not include any governmental fund types, but rather consists solely of ten enterprise funds (the General Division and nine 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 enterprise funds 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
Sunfield Wastewater Treatment Plant	Sunfield MUD #4	Hays
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
Coletto Creek Reservoir	Coletto Creek Power, LP	Victoria/Goliad
Luling Water Treatment Plant	Cities of Luling & Lockhart	Caldwell
Canyon Hydroelectric Plant	New Braunfels Utilities (NBU)	Comal
Lockhart Wastewater Reclamation System	City of Lockhart	Caldwell
Lockhart Water Treatment Plant	City of Lockhart	Caldwell

Unit of Service Operations:	Principal Customers	County
General Division	GBRA Systems	Guadalupe
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
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
Coletto 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 our operations and thus serve our constituents.

The table and graph on the following page give an overview of GBRA's financial outlook for budget year 2021.

Financial Summary

Division	Guadalupe-Blanco River Authority				
	OPERATING		DEBT SERVICE		Change in Fund Balance
	Revenue	Expenses	Revenue	Expenses	
General	4,171,391	4,871,377	700,000	0	14
G. V. Hydro	1,875,074	2,940,513	0	0	(1,065,439)
RUD-Shadow Creek	776,688	711,326	0	0	65,362
RUD-Stein Falls	2,864,400	1,535,697	0	887,197	441,506
RUD-Sunfield	743,409	743,409	0	0	0
RUD	4,384,497	2,990,432	0	887,197	506,868
WR-Water Sales	20,252,136	20,154,727	8,715,875	8,813,284	0
WR-Canal	1,472,540	1,276,938	0	0	195,602
WR-San Marcos	2,252,543	2,252,543	0	0	0
WR-Buda	949,379	949,379	0	0	0
WR-Carrizo	1,095,000	1,036,772	748,518	732,849	73,897
Water Resources	26,021,598	25,670,359	9,464,393	9,546,133	269,499
WC-WTP	3,974,892	4,000,854	263,537	237,575	0
WC-Canyon Pk	442,308	442,308	0	0	0
WC-4S Ranch WW	285,000	285,000	0	0	0
WC-Cordillera WDS	944,500	927,482	0	0	17,018
WC-Cordillera WWTP	434,305	434,305	0	0	0
WC-Comal Trace	290,392	290,392	0	0	0
WC-Johnson Ranch WDS	867,180	520,390	0	0	346,790
WC-Johnson Ranch WWTP	395,694	395,694	0	0	0
WC-Singing Hills WWRS	307,405	307,405	0	0	0
WC-Park Village WWRS	275,733	275,733	0	0	0
WC-Boerne ISD WWTP	92,597	92,597	0	0	0
Western Canyon	8,310,006	7,972,160	263,537	237,575	363,808
Port Lavaca WTP	1,740,339	1,740,339	61,288	61,288	0
Rural Water	1,793,825	1,495,990	0	0	297,835
CC-Reservoir	918,716	918,716	0	0	0
CC-Recreation	994,765	967,096	0	0	27,669
Coletto Creek	1,913,481	1,885,812	0	0	27,669
Luling	1,487,169	1,486,569	654,166	614,270	40,496
Canyon Hydro	466,657	466,657	0	0	0
Lockhart-WWTP	1,289,600	1,289,600	0	0	0
Lockhart-WTP	923,075	923,075	0	0	0
Lockhart	2,212,675	2,212,675	0	0	0
	54,376,712	53,732,883	11,143,384	11,346,463	440,750

Note: Sources of funds consist of proceeds from internal and external debt issuance. Uses of funds consist of interfund loan repayments and principal payments on external debt.

Financial Summary

Designated Capital Improvement Program

Project #	Division	Funding Source	Project Description	Previous Funding	Current/ Future Funding	TOTALS
1	010 - General	Budget/Res	Asset Management Program	\$975,000	\$650,496	\$1,625,496
2	029 - GV Hydro	Reserves	Spillgate Rehabilitation & Replacement	\$8,768,000	\$0	\$8,768,000
3	032 - Canyon Park	Reserves	Canyon Park Expansion	\$1,451,000	\$0	\$1,451,000
4	041 - Water Sales	Budget	Diversion System Improvements (including	\$600,000	\$0	\$600,000
5	041 - Water Sales	Budget	Ground/Surface Water Interactions	\$100,000	\$0	\$100,000
6	041 - Water Sales	Budget	Surface Water Rights	\$187,552	\$0	\$187,552
7	041 - Water Sales	Budget	Corps of Engineers - Dam Costs/Projects	\$651,914	\$0	\$651,914
8	041 - Water Sales	Reserves	RRWDS Surge Improvements	\$0	\$350,000	\$350,000
9	043 - Calhoun Canal	Budget	Canal System Improvements	\$100,000	\$0	\$100,000
10	050 - Western Canyon	3rd Party	SH 46 Pipeline Relocation - Engineering	\$0	\$1,184,700	\$1,184,700
TOTALS				\$12,833,466	\$2,185,196	\$15,018,662

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

- 1 Implementation of Asset Management Program to develop and operate infrastructure assets in the most cost effective manner.
- 2 Rehabilitation of spillgates in the hydroelectric system. Funding of design for portion of gate replacements.
- 3 Engineering study of plant usage will determine if additional funds are needed for expansion in future years.
- 4 Evaluation, planning and design for system improvements in the diversion system.
- 5 Study for data collection of interaction between groundwater and surface water.
- 6 Purchase of water rights.
- 7 Contractual obligation for COE O&M costs, building up for large COE projects based on estimates received.
- 8 Engineering and construction for surge mitigation measures recommended by study.
- 9 Evaluation, planning and design for system improvements in the Canal system.
- 10 Relocation of water lines due to road expansions, reimbursement by Texas Dept. of Transportation (TxDOT).



Financial Summary

Bonds Funded Projects

Project #	Division	Project Description	Previous Funding	Current/ Future Funding	TOTALS
A	033 - Stein Falls	Stein Falls WW System	\$0	\$34,140,000	\$34,140,000
B	037 - Sunfield	WWTP Expansion	\$0	\$1,250,000	\$1,250,000
C	039 - Dietz	Dietz WW System	\$0	\$6,300,000	\$6,300,000
D	041 - Water Sales	Lower Basin Storage Project	\$0	\$35,176,000	\$35,176,000
E	041 - Water Sales	Carrizo Groundwater Supply Project	\$98,210,000	\$117,645,000	\$215,855,000
F	041 - Water Sales	Mid Basin Project (ASR & OCR)	\$0	\$500,000	\$500,000
G	041 - Water Sales/010 - General	New Braunfels office expansion	\$0	\$6,850,000	\$6,850,000
H	041 - Water Sales	Kendall County Regional WWTP	\$0	\$5,960,000	\$5,960,000
I	050 - Western Canyon	Zebra Mussel mitigation	\$550,000	\$0	\$550,000
J	060 - Port Lavaca Water Treatment	Port Lavaca WTP Replacement	\$0	\$59,764,500	\$59,764,500
K	070 - Calhoun County Rural Water	Distribution System Improvements	\$0	\$3,642,100	\$3,642,100
TOTALS			\$98,760,000	\$271,227,600	\$369,987,600

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

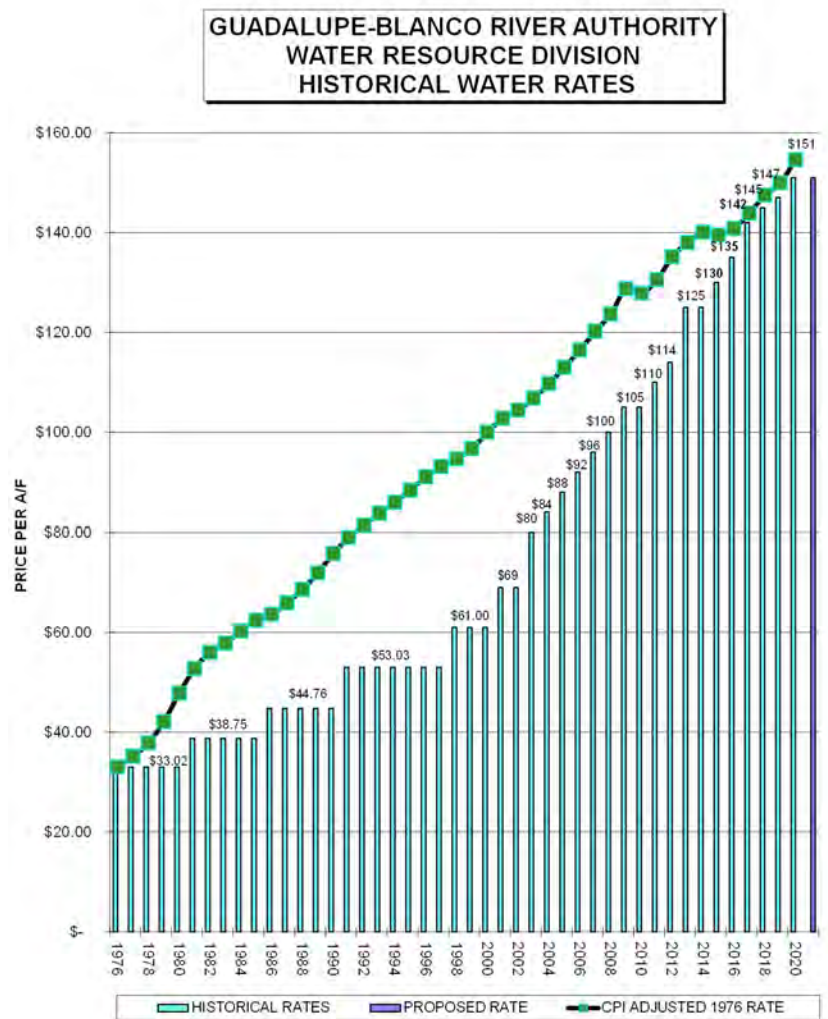
- A Expansion of collection system in 2020-21. Future expansion of plant.
- B Preliminary engineering to prepare for wastewater treatment plant expansion.
- C Engineering and construction of collection system off Hwy 46 between Seguin and New Braunfels.
- D Engineering and construction of lower basin reservoir for water storage.
- E Design, engineering and construction of a groundwater distribution project.
- F Aquifer Storage & Recovery and Off Channel Reservoir water supply development.
- G Expansion of offices to keep up with growth.
- H GBRA portion of regional collection and treatment plant in partnership with Cities of Bulverde and Fair Oaks.
- I Construction related to mitigation of zebra mussels. Existing bonds funds to be used.
- J Design, engineering and construction of new water treatment plant to replace existing plant.
- K Design, engineering 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 authorization from 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 financial resources to meet the expanding water resource, water quality, and environmental needs of a growing population in the Guadalupe River Basin; however, GBRA worked diligently to recognize the financial impact the national pandemic on our customers. The water supply rate is budgeted to remain at \$151 per acre-foot per year (AF).

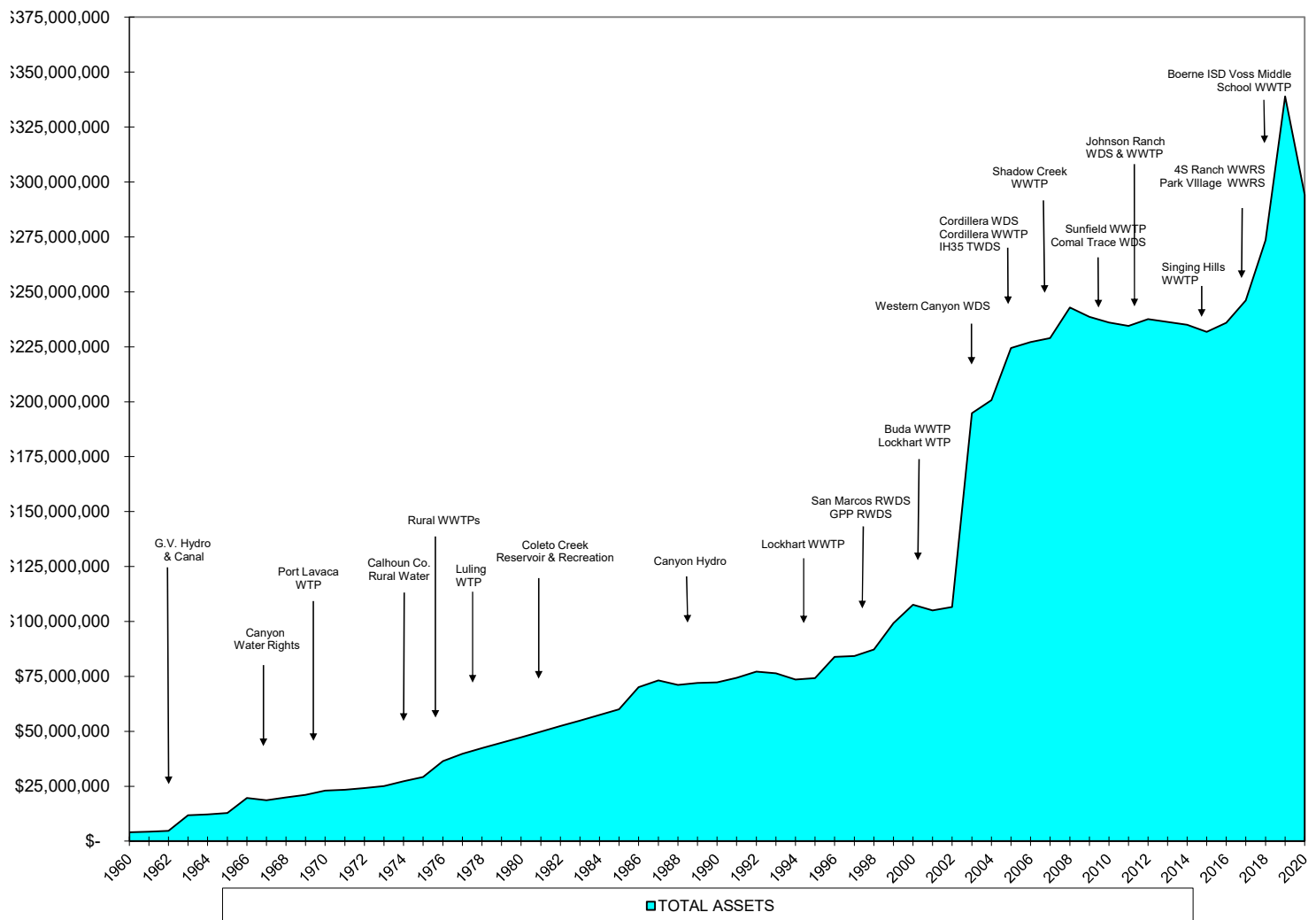


Financial Trend

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 Boerne ISD Voss Middle School WWTP.

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

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

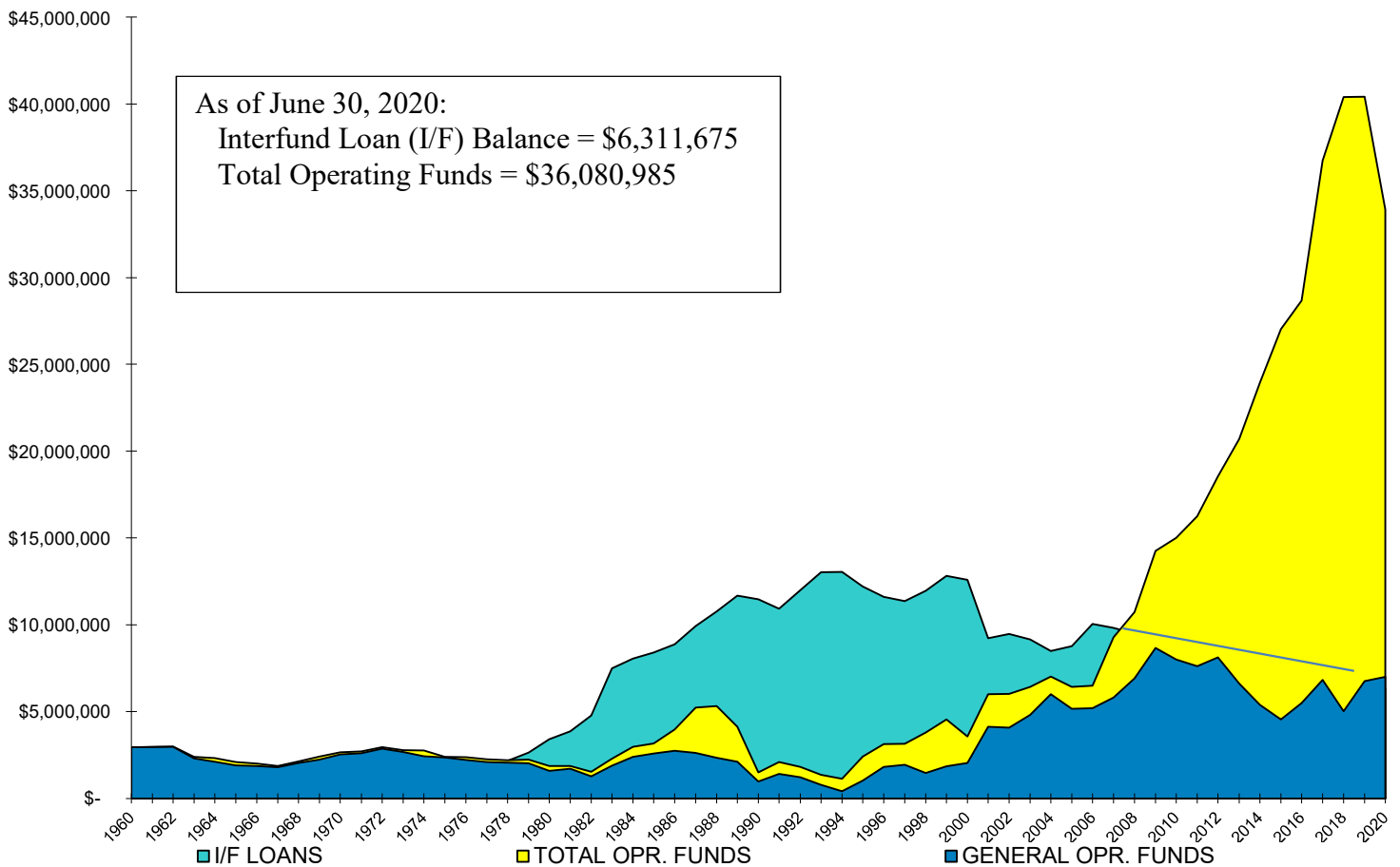


Financial Reserve Data

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 2021 Budget sustains the Board's working capital reserve policy.

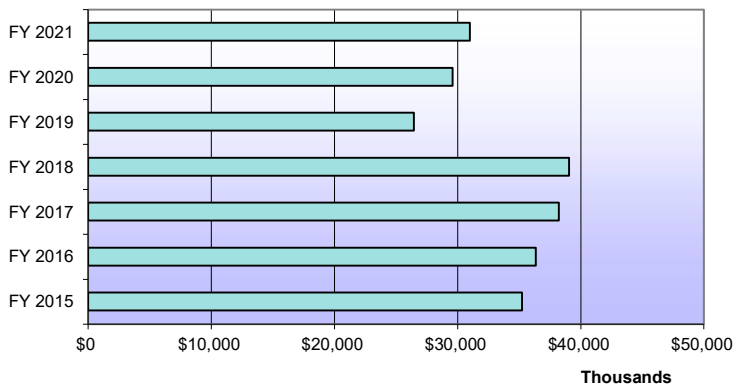
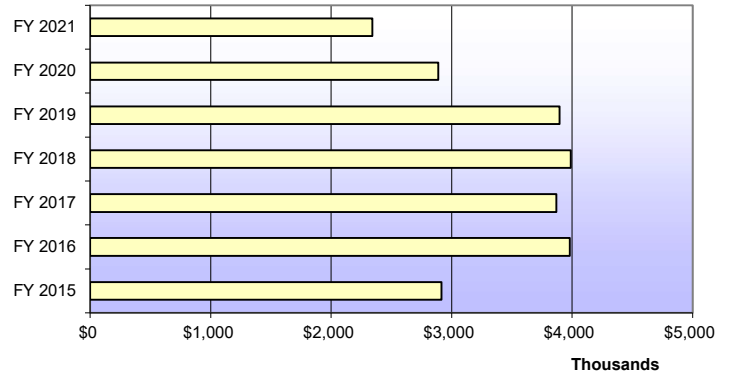




Historical Operating Revenues

Power Sales

The power sales are based on river flows and fixed contracts. The portion contingent on river flows have 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

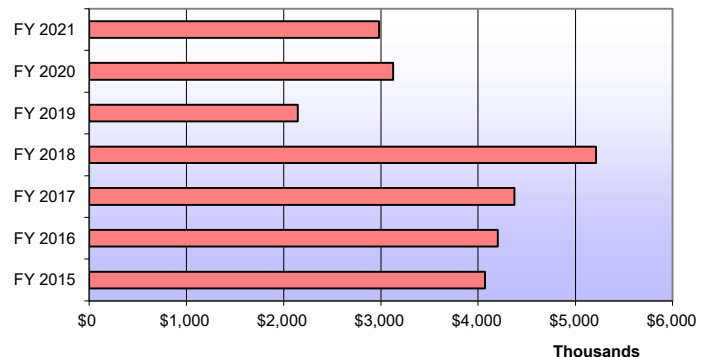
Water Sales and Reservoir revenues are derived from the sale of raw and treated water to customers throughout the river basin. These have generally increased over the years due to the demand for more water; the initiation of water projects such as the Western Canyon, Luling-to-Lockhart, IH35 projects,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

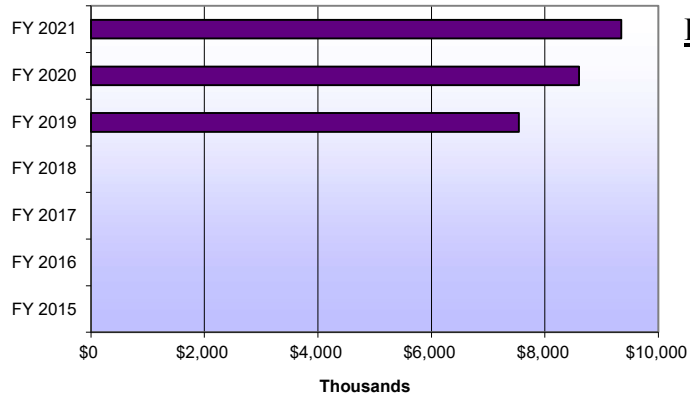
Wastewater Services

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 976,810/M gal. in 2015 to a projected 1,277,510/M gal. in 2021.

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



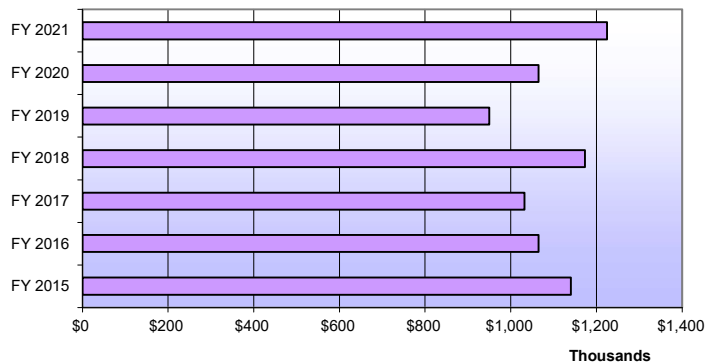
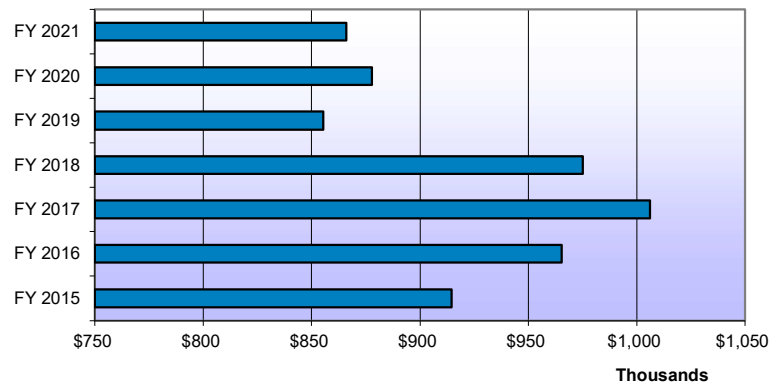
Retail Water and Wastewater Sales

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 7,100 throughout GBRA's river basin.

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

Laboratory Services

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



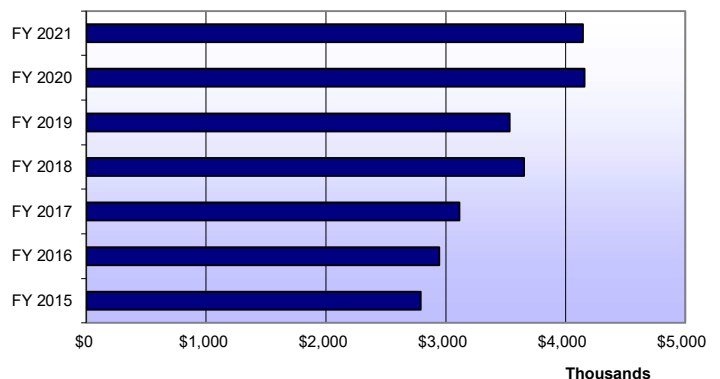
Recreation & Other Rentals

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

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

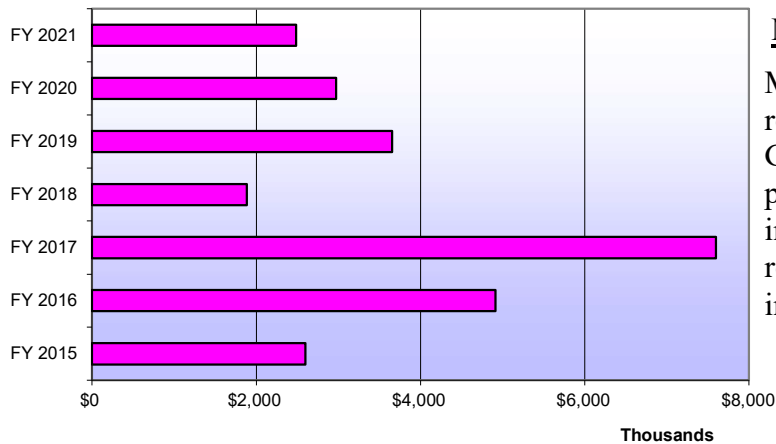
Administrative and General

Administrative & General (A&G) charges are received in the General Division from other divisions of GBRA for technical and administrative support. The A&G revenue is calculated as a percentage of labor expense. The A&G rate continues to remain at 33% in 2021 and labor has remained level.





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

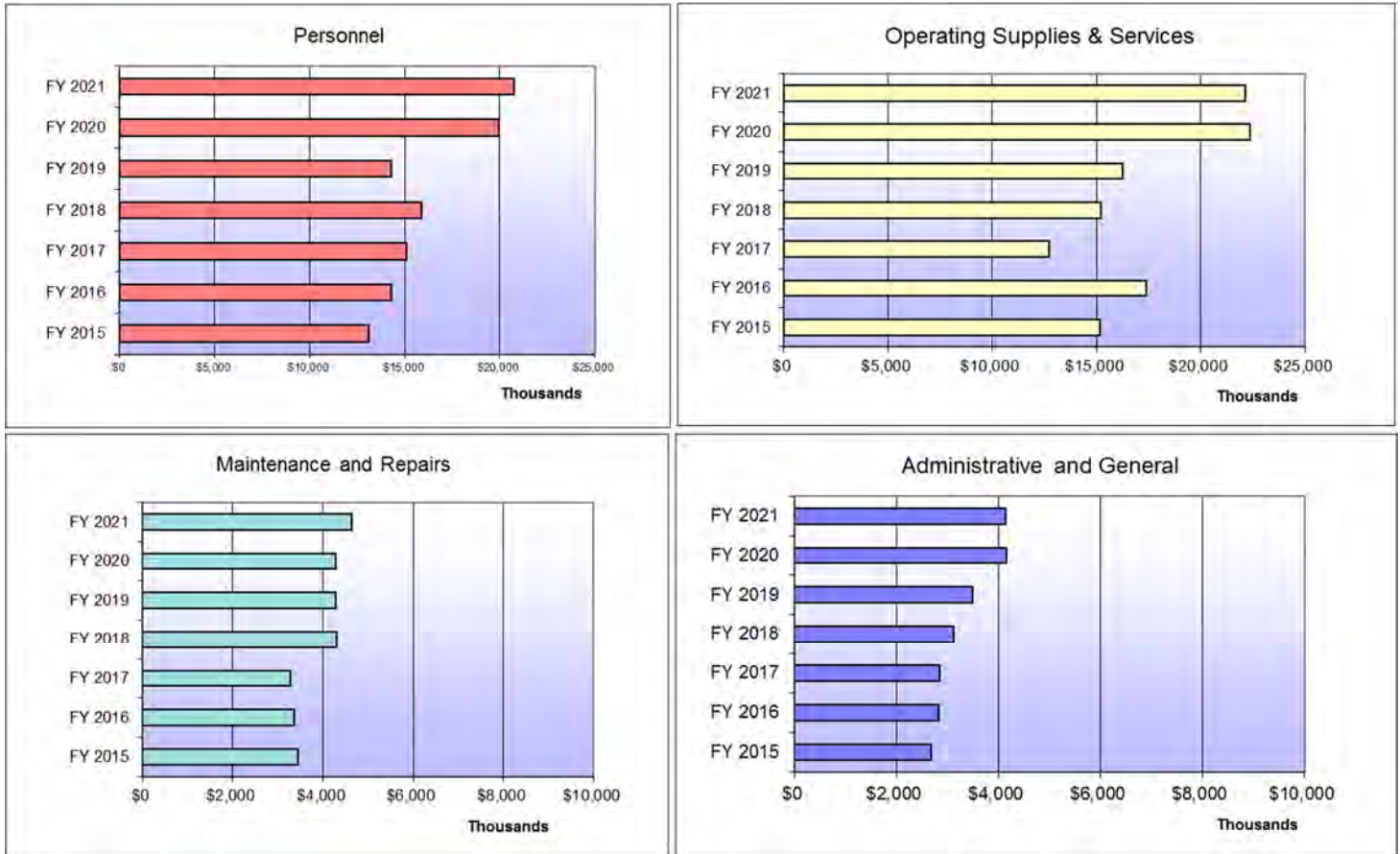
The following table identifies the revenue trends over the last seven years for all of GBRA's operations:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Revenues	Actual	Actual	Actual	Actual	Actual	Budget	Budget
Power Sales	2,914,459	3,980,283	3,868,917	3,988,040	3,895,226	2,886,845	2,340,331
Water Sales & Lake Operations	35,235,778	36,351,389	38,213,978	39,055,156	26,434,164	29,577,140	30,992,208
Recreation & Other Rentals	1,140,268	1,064,727	1,032,079	1,172,654	949,648	1,064,424	1,224,429
Wastewater Services	4,070,855	4,201,089	4,372,609	5,212,775	2,143,594	3,125,264	2,980,545
Retail Water & Wastewater Sales					7,545,426	8,601,092	9,342,750
Laboratory Services	914,476	965,329	1,006,168	975,000	855,348	877,800	866,000
Administrative & General	2,788,639	2,943,855	3,115,380	3,653,322	3,532,764	4,158,722	4,144,391
Miscellaneous Income	2,598,724	4,912,866	7,598,949	1,885,333	3,655,206	2,970,097	2,486,058
Total	49,663,199	54,419,538	59,208,080	55,942,280	49,011,376	53,261,384	54,376,712

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



Historical Operating Expenses



Operating Expense Trend

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

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Expenses	Actual	Actual	Actual	Actual	Actual	Budget	Budget
Personnel	13,119,588	14,303,090	15,110,414	15,893,436	14,306,671	19,982,498	20,757,264
Operating Supplies & Services	15,180,858	17,380,139	12,723,879	15,235,869	16,272,545	22,387,510	22,158,226
Maintenance and Repairs	3,436,488	3,364,768	3,275,783	4,301,574	4,280,954	4,282,166	4,631,812
Administrative and General	2,683,607	2,831,297	2,847,926	3,117,874	3,491,770	4,158,722	4,144,391
Total	34,420,541	37,879,294	33,958,002	38,548,753	38,351,940	50,810,896	51,691,693



Fiscal Year 2021 Budget

flowing solutions

Rates and Rate Structures

COMMON RATES:	2019 Actual	2020 Budget	2021 Budget	Unit of Measure	% Change	Effective Date
Transfer Fee	\$40.00	\$40.00	\$40.00	transfer	-	Sep 01
Inspection Fees	\$75.00	\$75.00	\$75.00	inspection	-	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%	month fee	-	Sep 01
Meter Tampering Fee	\$70.00	\$70.00	\$70.00	+damages	-	Sep 01
Private Hand Valve Installation	@ cost	@ cost	@ cost			Sep 01
Construction Inspection Fees	\$90.00	\$90.00	\$90.00	hour	-	Sep 01
GENERAL DIVISION	2019 Actual	2020 Budget	2021 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	2019 Actual	2020 Budget	2021 Budget	Unit of Measure	% Change	Effective Date
Energy Charge	\$0.0314	\$0.0314	\$0.0314	kWh	-	Sep 01
Facility Charge	\$125,000	\$83,333	\$83,333	month	0%	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	2019 Actual	2020 Budget	2021 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
<u>Shadow Creek WWTP:</u>						
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
<u>Canyon Park WWRS:</u>						
1. Connection Fee	\$5,000.00	\$5,000.00	\$5,000.00	connection	-	Sep 01
2. Monthly Sewer Rate:						
Condos, Houses & Laguna Park Units	\$57.00	\$62.00	\$62.00	LUE	-	Sep 01
3. Monthly Sewer Rate: Car Wash	\$114.00	\$124.00	\$124.00	LUE	-	Sep 01
<u>Stein Falls WWTP:</u>						
1. Connection Fee: Treatment Plant and Collection System Capacity Fee						
All customers excluding exceptions listed below:	\$5,477	\$6,200	\$6,200	connection	-	Sep 01
Connection Fee: New customers conn. via Legends Lift Station	\$5,977	\$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 (per contract until 8/31/21)	\$3,000	\$3,000	\$3,000	connection	-	Sep 01
Connection Fee: Lakeside Pass (const. costs & reimb. fees plus)	\$5,477	\$6,200	\$6,200	connection	-	Sep 01
2. Monthly Sewer Fee: Retail	\$57.00	\$62.00	\$62.00	LUE	-	Sep 01
3. Monthly Sewer Fee: Zipp Rd Utilities (per contract until 8/31/21)	\$48.00	\$48.00	\$48.00	LUE	-	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	N/A	\$38.17	month	NEW	Sep 01
Usage Charge	N/A	N/A	\$5.05	1,000 gal.	NEW	Sep 01

Note: Rate changes for new budget year are highlighted; % change is from 2020 actual to 2021 budget year.



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Rates and Rate Structures

WATER RESOURCES DIVISION	2019 Actual	2020 Budget	2021 Budget	Unit of Measure	% Change	Effective Date
<u>Raw Water:</u>						
Firm Water	\$147.00	\$151.00	\$151.00	AFY	-	Sep 01
Out-of-District Charge (\$24) x Consumer Price Index Change	\$37.05	\$37.86	\$38.59	AFY	2%	Sep 01
Lower Basin Water Rate	N/A	\$151.00	\$151.00	AFY	-	Sep 01
Womack Water Rate	N/A	\$151.00	\$151.00	AFY	-	Sep 01
<u>Regional RWDS:</u>						
O&M Rate	\$0.251	\$0.286	\$0.345	1,000 gal	21%	Sep 01
Capacity Rate	\$0.190	\$0.190	\$0.190	1,000 gal	-	Sep 01
<u>Guadalupe Power Partners RWDS:</u>						
O&M Rate	\$0.487	\$0.611	\$0.611	1,000 gal	-	Sep 01
<u>IH 35 Project:</u>						
WTP O&M Rate	\$0.500	\$0.500	\$0.520	1,000 gal	4%	Sep 01
TWDS O&M Rate	\$0.206	\$0.278	\$0.285	1,000 gal	3%	Sep 01
Capacity Rate	\$0.306	\$0.306	\$0.306	1,000 gal	-	Sep 01
<u>Canyon Lake Gorge Park:</u>						
School Tours	\$5.00	\$5.00	\$5.00	person	-	Sep 01
Public/Group Tours	\$10.00	\$10.00	\$10.00	person	-	Sep 01
Corporate Tours	\$500.00	\$500.00	\$500.00	group	-	Sep 01
Photo/Videographer Use	N/A	N/A	\$50.00	hour	NEW	Sep 01
<u>Nolte Island Park:</u>						
Site #1	\$250.00	\$250.00	\$250.00	day	-	Sep 01
Site #3	\$450.00	\$450.00	\$450.00	day	-	Sep 01
Rental of all sites: 3 days	\$1,375.00	\$1,375.00	\$1,375.00	3 days	-	Sep 01
Rental of all sites: 4 days	\$1,575.00	\$1,575.00	\$1,575.00	4 days	-	Sep 01
<u>Meadow Lake Leases:</u>						
Site #1 - Homeowner's Assoc. Lot	\$150.00	\$150.00	\$150.00	site	-	Sep 01
Site #2-13	\$1,800.00	\$1,800.00	\$1,800.00	site	-	Sep 01
<u>Laboratory:</u>						
Data Transfer Fee	\$26.00	\$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)	\$75.00	\$120.00	\$120.00	per hour	-	Sep 01
Filtration Fee	N/A	\$10.00	\$10.00	per sample	-	Sep 01
Sampler Rental Fee	N/A	\$150.00	\$150.00	per day	-	Sep 01
Shipping Rate	N/A	\$30.00	\$30.00	flat fee	-	Sep 01
Data Calculation Fee	N/A	\$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	\$16.00	\$36.00	\$36.00	test	-	Sep 01
Alkalinity-Bicarbonate	\$16.00	\$36.00	\$36.00	test	-	Sep 01
Alkalinity-Phenolthaelein	\$15.00	\$26.00	\$26.00	test	-	Sep 01
Chlorophyll a/Pheophytin	\$62.00	\$62.00	\$62.00	test	-	Sep 01

Note: Rate changes for new budget year are highlighted; % change is from 2020 actual to 2021 budget year.



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Rates and Rate Structures

WATER RESOURCES DIVISION (cont.)	2019 Actual	2020 Budget	2021 Budget	Unit of Measure	% Change	Effective Date
Conductivity	\$15.00	\$18.00	\$18.00	test	-	Sep 01
Corrosivity	\$103.00	\$103.00	\$103.00	test	-	Sep 01
Demands-BOD (5 day)	\$35.00	\$40.00	\$40.00	test	-	Sep 01
Demands-CBOD (5 day)	\$39.00	\$42.00	\$42.00	test	-	Sep 01
Demands-COD	\$39.00	\$40.00	\$40.00	test	-	Sep 01
Demands-DO (electrode)	\$12.00	\$15.00	\$15.00	test	-	Sep 01
Ion Chromatography-Chloride	\$25.00	\$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	\$30.00	\$28.00	\$28.00	test	-	Sep 01
Ion Chromatography-Sulfate	\$25.00	\$28.00	\$28.00	test	-	Sep 01
Micro-E coli (18 hr. Colilert)	\$31.00	\$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)	\$27.00	\$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
Micro-Total Coliform (P/A)	\$25.00	\$25.00	\$25.00	test	-	Sep 01
Micro-Total Coliform (MPN)	\$31.00	\$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	\$14.00	\$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	\$20.00	\$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	\$46.00	\$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.



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Rates and Rate Structures

WATER RESOURCES DIVISION (cont.)	2019 Actual	2020 Budget	2021 Budget	Unit of Measure	% Change	Effective Date
<u>Lake Wood Recreation Area:</u>						
Annual Permit	\$150.00	\$150.00	\$150.00	permit	-	Sep 01
Replacement Annual Permit	\$5.00	\$5.00	\$5.00	permit	-	Sep 01
Boat Dock Leases	\$60.00	\$60.00	\$60.00	month	-	Sep 01
Day Use: Vehicle Entrance Fee	\$8.00	\$8.00	\$10.00	vehicle	25%	Sep 01
Day Use: Individual Entrance Fee	\$2.00	\$2.00	\$2.00	person	-	Sep 01
Overnight Camping Fees:						
Tent Camper	\$23.00	\$23.00	\$25.00	night	9%	Sep 01
RV/Trailer (30 amp) – Daily	\$28.00	\$28.00	\$30.00	night	7%	Sep 01
RV/Trailer (30 amp) - Weekly (Apr 1-Sep 30)	\$154.00	\$154.00	\$180.00	week	17%	Sep 01
RV/Trailer (30 amp) - Weekly (Oct 1-Mar 31)	\$133.00	\$133.00	\$140.00	week	5%	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	\$32.00	\$35.00	night	9%	Sep 01
RV/Trailer (50 amp) – Weekly	\$175.00	\$175.00	\$185.00	week	6%	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	\$10.00	\$15.00	vehicle	50%	Sep 01
<u>Calhoun Canal System:</u>						
Irrigation Rates						
Rice – 1 st Crop	\$130.00	\$130.00	\$130.00	acre	-	Sep 01
Rice – 2 nd Crop	\$50.00	\$50.00	\$50.00	acre	-	Sep 01
Row Crop	\$45.00	\$45.00	\$45.00	acre	-	Sep 01
Pasture	\$45.00	\$45.00	\$45.00	acre	-	Sep 01
Crawfish Pond	\$90.00	\$90.00	\$105.00	acre	17%	Sep 01
Waterfowl Field	\$60.00	\$60.00	\$70.00	acre	17%	Sep 01
Catfish Farm	\$120.00	\$120.00	\$140.00	acre	17%	Sep 01
Sprinkler Irrigation-unmetered	\$45.00	\$45.00	\$45.00	acre	-	Sep 01
Sprinkler Irrigation-metered	\$0.185	\$0.195	\$0.215	1,000 gal.	10%	Sep 01
Initial fill: crawfish, waterfowl & catfish water	\$0.185	\$0.195	\$0.215	1,000 gal.	10%	Sep 01
M&I Customers	\$0.185	\$0.195	\$0.215	1,000 gal.	10%	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	\$495.00	base rate	-	Sep 01
	\$0.185	\$0.195	\$0.215	1,000 gal.	10%	Sep 01

CARRIZO GROUNDWATER DIVISION	2019 Actual	2020 Budget	2021 Budget	Unit of Measure	% Change	Effective Date
Water Rate - 1/1/19-12/31/19	N/A	\$70.00	N/A	AFY		01/01/19
Water Rate - 1/1/20-current	N/A	\$73.00	\$73.00	AFY	-	01/01/20

Note: Rate changes for new budget year are highlighted; % change is from 2020 actual to 2021 budget year.



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Rates and Rate Structures

WESTERN CANYON DIVISION	2019 Actual	2020 Budget	2021 Budget	Unit of Measure	% Change	Effective Date
<u>Western Canyon WTP & TWDS:</u>						
O&M Rate	\$1.024	\$1.024	\$1.089	1,000 gal.	6%	Sep 01
Capacity Rate-WTP	\$475.03	\$475.03	\$475.03	AFY	-	Sep 01
Capacity Rate-TTHM	\$23.53	\$23.53	\$23.53	AFY	-	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	\$2.550	\$2.619	1,000 gal.	3%	Sep 01
<u>Water Distribution Systems – Common Rates:</u>						
Reconnection Fee: Water	\$100.00	\$100.00	\$100.00	connection	-	Sep 01
Bulverde Emergency Services - Fire	\$304.00	\$304.00	\$304.00	connection	-	Sep 01
<u>Comal Trace WDS, Cordillera Ranch WDS & Johnson Ranch WDS:</u>						
1. 5/8" Meter:						
Water – Connection Fees: Comal Trace	\$1,000.00	\$1,000.00	\$1,000.00	connection	-	Sep 01
Water – Connection Fees: Cordillera	\$1,650.00	\$1,650.00	\$1,650.00	connection	-	Sep 01
Water – Connection Fees: Johnson Ranch	\$1,200.00	\$1,200.00	\$1,200.00	connection	-	Sep 01
Water – Developer Reimbursement Fee: Cordillera	\$2,000.00	\$2,000.00	\$2,000.00	connection	-	Sep 01
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	\$104.00	\$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	\$204.00	\$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

Note: Rate changes for new budget year are highlighted; % change is from 2020 actual to 2021 budget year.

Rates and Rate Structures

WESTERN CANYON DIVISION (cont.)	2019 Actual	2020 Budget	2021 Budget	Unit of Measure	% Change	Effective Date
<u>Comal Trace WDS, Cordillera Ranch WDS & Johnson Ranch WDS (cont.):</u>						
4. 2" Meter:						
Water – Connection Fees: Cordillera	\$2,560.00	\$2,560.00	\$2,560.00	connection	-	Sep 01
Water – Base Rate: up to 4,000 gal	\$304.00	\$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	\$524.00	\$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
6. 4" Meter:						
Water – Connection Fees: Cordillera	N/A	\$3,160.00	\$3,160.00	connection	-	Sep 01
Water – Base Rate: up to 4,000 gal	N/A	\$934.40	\$934.40	month	-	Sep 01
Water – Block Rate: 4,001-10,000 gal (base rate+usage)	N/A	\$3.60	\$3.60	1,000 gal.	-	Sep 01
Water – Block Rate: 10,001-25,000 gal (base rate+usage)	N/A	\$4.60	\$4.60	1,000 gal.	-	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	N/A	\$5.60	\$5.60	1,000 gal.	-	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	N/A	\$6.60	\$6.60	1,000 gal.	-	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	N/A	\$8.60	\$8.60	1,000 gal.	-	Sep 01
Water – Block Rate: over 100,000 gal (base rate+usage)	N/A	\$12.00	\$12.00	1,000 gal.	-	Sep 01
7. 6" Meter:						
Water – Connection Fees: Cordillera	N/A	\$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

Note: Rate changes for new budget year are highlighted; % change is from 2020 actual to 2021 budget year.



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Rates and Rate Structures

WESTERN CANYON DIVISION (cont.)	2019 Actual	2020 Budget	2021 Budget	Unit of Measure	% Change	Effective Date
<u>Comal Trace WDS, Cordillera Ranch WDS & Johnson Ranch WDS (cont.):</u>						
8. 8" Meter:						
Water – Connection Fees: Cordillera	N/A	\$3,910.00	\$3,910.00	connection	-	Sep 01
Water – Base Rate: up to 4,000 gal	N/A	\$2,958.40	\$2,958.40	month	-	Sep 01
Water – Block Rate: 4,001-10,000 gal (base rate+usage)	N/A	\$3.60	\$3.60	1,000 gal.	-	Sep 01
Water – Block Rate: 10,001-25,000 gal (base rate+usage)	N/A	\$4.60	\$4.60	1,000 gal.	-	Sep 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	N/A	\$5.60	\$5.60	1,000 gal.	-	Sep 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	N/A	\$6.60	\$6.60	1,000 gal.	-	Sep 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	N/A	\$8.60	\$8.60	1,000 gal.	-	Sep 01
Water – Block Rate: over 100,000 gal (base rate+usage)	N/A	\$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	\$350.00	occurrence	-	Sep 01
Wastewater – Developer Reimbursement Fee	\$2,000.00	\$2,000.00	\$2,000.00	connection	-	Sep 01
Wastewater – Monthly Fees	\$70.00	\$73.00	\$73.00	LUE	-	Sep 01
<u>Johnson Ranch WWTP:</u>						
Wastewater – Connection Fees	\$550.00	\$550.00	\$550.00	connection	-	Sep 01
Wastewater – Service Fees:	\$45.00	N/A	N/A	LUE	-	Sep 01
1. Residential Connection:						
5/8", 1" Meter:						
Monthly Minimum	N/A	\$32.16	\$32.16	month	-	Sep 01
Usage Charge - based on winter months avg (Dec-Feb), maximum 10,000 gallons	N/A	\$3.68	\$3.68	1,000 gal.	-	Sep 01
2. Non-Residential Connection:						
5/8" Meter:						
Monthly Minimum	N/A	\$32.16	\$32.16	month	-	Sep 01
Usage Charge	N/A	\$3.68	\$3.68	1,000 gal.	-	Sep 01
3" Meter:						
Monthly Minimum	N/A	\$514.52	\$514.52	month	-	Sep 01
Usage Charge	N/A	\$3.68	\$3.68	1,000 gal.	-	Sep 01
3. Emergency Services Facility:						
Monthly Minimum	N/A	\$96.47	\$96.47	month	-	Sep 01
Usage Charge	N/A	\$3.68	\$3.68	1,000 gal.	-	Sep 01
4. Senior Living Center:						
Monthly Minimum	N/A	\$1,093.44	\$1,093.44	month	-	Sep 01
Usage Charge	N/A	\$3.68	\$3.68	1,000 gal.	-	Sep 01



Fiscal Year 2021 Budget

flowing solutions

Rates and Rate Structures

CALHOUN COUNTY RWS DIVISION	2019 Actual	2020 Budget	2021 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
<u>Rural Water Distribution System:</u>						
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	\$48.00	\$63.00	\$63.00	month	-	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	\$42.00	\$50.90	month	21%	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	\$72.00	\$94.50	\$94.50	month	-	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	\$64.00	\$76.35	month	19%	Sep 01
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	\$113.95	\$151.45	\$151.45	month	-	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	\$85.00	\$127.25	month	50%	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	\$233.90	\$308.90	\$308.90	month	-	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	\$172.00	\$254.50	month	48%	Sep 01

Note: Rate changes for new budget year are highlighted; % change is from 2020 actual to 2021 budget year.



Fiscal Year 2021 Budget

flowing solutions

Rates and Rate Structures

CALHOUN COUNTY RWS DIVISION (cont.)	2019 Actual	2020 Budget	2021 Budget	Unit of Measure	% Change	Effective Date
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.	\$410.00	\$530.00	\$530.00	month	-	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	\$345.00	\$407.20	month	18%	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.	\$854.10	\$1,079.10	\$1,079.10	month	-	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	\$644.00	\$763.50	month	19%	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
COLETO CREEK RECREATION SYSTEM						
Day Use Entrance Permit	\$12.00	\$17.00	\$17.00	4 people	-	Sep 01
Individual Passes	\$5.00	\$5.00	\$5.00	day	-	Sep 01
Annual Permit	\$185.00	\$185.00	\$250.00	permit	35%	Sep 01
Replacement Annual Permit	\$5.00	\$5.00	\$5.00	permit	-	Sep 01
Camping Fee	\$40.00	\$40.00	\$50.00	night	25%	Sep 01
Camping Fee Premium Sites	\$45.00	\$45.00	\$55.00	night	22%	Sep 01
Overflow Camping	\$28.00	\$28.00	\$28.00	night	-	Sep 01
Camping Extra Vehicle Charge	\$12.00	\$12.00	\$17.00	night	42%	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



Fiscal Year 2021 Budget

flowing solutions

Rates and Rate Structures

COLETO CREEK RECREATION SYSTEM (cont.)	2019 Actual	2020 Budget	2021 Budget	Unit of Measure	% Change	Effective Date
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	2019 Actual	2020 Budget	2021 Budget	Unit of Measure	% Change	Effective Date
Water Treatment Plant Charge	\$1.492	\$1.749	\$1.907	1,000 gal.	9%	Sep 01
Treated Water Delivery System O&M Charge	\$0.378	\$0.528	\$0.514	1,000 gal.	-3%	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	2019 Actual	2020 Budget	2021 Budget	Unit of Measure	% Change	Effective Date
Energy Charge	\$0.0133	\$0.0133	\$0.0133	kWh	-	Sep 01

LOCKHART DIVISION	2019 Actual	2020 Budget	2021 Budget	Unit of Measure	% Change	Effective Date
Septic Tank Waste	\$67.00	\$72.00	\$72.00	1,000 gal.	-	Sep 01
Hauler Annual Permit Fee	\$150.00	\$150.00	\$150.00	permit	-	Sep 01

Note: Rate changes for new budget year are highlighted; % change is from 2020 actual to 2021 budget year.

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, printer, 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:

	Contract Revenue Bonds	
Issuer - GBRA	Underwriters	Bond Purchasers
Financial Advisors <i>Specialized Public Finance</i> <i>Hilltop Securities</i> General Counsel Paying Agent/Registrar Bond Printer POS/OS Printer	Underwriter Counsel Rating Agency <i>Moody's and S&P</i> Bond Insurer	Bond Counsel <i>McCall, Parkhurst & Horton</i> Trustee

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 to 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, 2021 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 8/31/2019	Additions During FY 2020	Retired During FY 2020	Outstanding 8/31/2020	Retired During FY 2021	Outstanding 8/31/2021
OBLIGATIONS PAYABLE DIRECTLY BY GBRA										
RURAL UTILITIES DIVISION										
Regions Loan, Stein Falls Collection System-033	03/15/2012	2032	3.34%	\$ 2,600,000	\$ 1,990,000	\$ --	\$ 115,000	\$ 1,875,000	\$ 115,000	\$ 1,760,000
Wells Fargo Equipment Lease Emergency Generator-033	12/01/2016	2026	3.45%	97,050	73,669	--	9,067	64,602	9,384	55,218
WATER RESOURCE DIVISION										
U. S. Government Loan	01/01/1977	2026	2.5%	8,979,862	1,961,265	--	259,859	1,701,406	266,355	1,435,051
Wells Fargo Loan, Belt Press/Truck-041	12/01/2016	2026	3.45%	407,950	309,648	--	38,114	271,534	39,448	232,086
General Improvement & Ref. Rev. Bonds, 2011	03/01/2011	2030	3.0-4.375%	10,745,000	6,315,000	--	565,000	5,750,000	590,000	5,160,000
General Improvement Revenue Bonds, 2012	04/05/2012	2031	0.14-1.86%	4,400,000	2,840,000	--	225,000	2,615,000	225,000	2,390,000
General Improvement Revenue Bonds, 2015	11/15/2015	2035	1.83-3.17%	2,000,000	2,000,000	--	--	2,000,000	--	2,000,000
Total Obligations Payable Directly by GBRA				\$ 29,229,862	\$ 15,489,582	\$ --	\$ 1,212,040	\$ 14,277,542	\$ 1,245,187	\$ 13,032,355
CONTRACT REVENUE BONDS AND LOANS										
WATER RESOURCE DIVISION										
RRWDS Combination Contract Revenue Bonds 2007B	09/15/2007	2039	7.10%	5,775,000	4,930,000	--	120,000	4,810,000	130,000	4,680,000
RRWDS Contract Rev Ref Bonds, San Marcos 2010	08/01/2010	2024	2.0-3.25%	\$6,895,000	2,825,000	--	520,000	2,305,000	540,000	1,765,000
IH35 Project Combination Contract Revenue Bonds 2013	04/17/2013	2037	2.0-5.0%	19,470,000	15,570,000	--	625,000	14,945,000	640,000	14,305,000
Western Canyon Regional Water Supply Project Revenue Bonds 2013A	07/10/2013	2033	1.0-5.0%	55,265,000	42,925,000	--	2,200,000	40,725,000	2,305,000	38,420,000
Western Canyon Regional Water Supply Project Revenue Bonds 2013B	07/10/2013	2033	1.909-4.63%	6,830,000	5,190,000	--	285,000	4,905,000	295,000	4,610,000
San Marcos Water Treatment Plant Revenue Bonds 2016	11/22/2016	2036	2.0-5.0%	4,850,000	4,665,000	--	95,000	4,570,000	100,000	4,470,000
RRWDS Contract Revenue Refunding Bonds 2017	07/20/2017	2039	2.0-4.0%	7,745,000	7,210,000	--	250,000	6,960,000	260,000	6,700,000
Western Canyon Contract Revenue Bonds 2017	10/15/2017	2037	2.0-4.0%	4,105,000	3,815,000	--	105,000	3,710,000	110,000	3,600,000
Carrizo General Contract Revenue Bonds, 2018A	11/15/2018	2048	2.41-4.28%	12,030,000	12,030,000	--	--	12,030,000	--	12,030,000
Carrizo General Contract Revenue Bonds, 2018B	11/15/2018	2048	1.89-3.52%	11,895,000	11,895,000	--	--	11,895,000	--	11,895,000
Carrizo TWDB Master Repurchase Agreement, 2018	11/15/2018	2053	3.95-4.36%	34,285,000	34,285,000	--	--	34,285,000	--	34,285,000
Carrizo General Contract Revenue Bonds, 2019	11/01/2019	2049	1.10-2.77%	9,740,000	--	9,740,000	--	9,740,000	--	9,740,000
Carrizo TWDB Master Repurchase Agreement, 2019	11/01/2016	2054	3.27-3.46%	30,260,000	--	30,260,000	--	30,260,000	--	30,260,000
PORT LAVACA WATER TREATMENT PLANT DIVISION										
Frost National Bank, Clearwell	03/04/2008	2022	4.00%	400,000	145,457	--	56,415	89,042	58,760	30,282
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	3,680,000	--	280,000	3,400,000	290,000	3,110,000
Total Contract Revenue Bonds and Loans				\$214,495,000	\$ 149,165,457	\$40,000,000	\$ 4,536,415	\$ 184,629,042	\$ 4,728,760	\$179,900,282
Total Bonds & Loans Payable Prior to Defeasance and Accretion of Interest					\$164,655,039			\$198,906,584		\$192,932,637



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>

WELLS FARGO BANK LOAN GENERATOR, BELT PRESS, TRUCK

YR END AUG 31	STEIN FALLS WWTP- GENERATOR			WATER SALES-BELT PRESS			WATER SALES-TRUCK		
	PRINC	INT	TOTAL	PRINC	INT	TOTAL	PRINC	INT	TOTAL
2022	\$ 9,713	\$1,776	\$11,489	\$3,375	\$617	\$3,992	\$37,455	\$6,847	\$44,302
2023	10,054	1,435	11,489	3,493	499	3,992	38,766	5,534	44,300
2024	10,406	1,083	11,489	3,616	373	3,992	40,124	4,175	44,299
2025	10,771	718	11,489	3,742	250	3,992	41,529	2,769	44,298
2026	11,148	341	11,489	3,874	118	3,992	42,983	1,313	44,296
2027	3,126	27	3,153	1,318	10	1,328	11,811	106	11,917
	<u>\$55,218</u>	<u>\$5,380</u>	<u>\$60,598</u>	<u>\$19,418</u>	<u>\$1,867</u>	<u>\$21,288</u>	<u>\$212,668</u>	<u>\$20,744</u>	<u>\$233,412</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>

Debt Obligations – Amortization Schedules

PORT LAVACA WTP CLEARWELL FROST NATIONAL BANK

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2022	\$30,282	\$ 360	\$30,642
	\$30,282	\$ 360	\$30,642

GENERAL IMPROVEMENT & REFUNDING REVENUE BONDS, SERIES 2011

YR END AUG 31	WATER RIGHT CONTRACT BUYOUT			REFUNDING OFFICE EXPANSION			TOTAL REQ's
	PRINCIPAL	INTEREST	TOTAL	PRINCIPAL	INTEREST	TOTAL	
2022	\$375,000	\$149,262.50	\$524,263	\$240,000	\$65,443.76	\$305,444	\$829,707
2023	385,000	135,668.76	520,669	255,000	56,743.76	311,744	832,413
2024	400,000	121,231.26	521,231	265,000	47,181.26	312,181	833,412
2025	415,000	105,231.26	520,231	275,000	36,581.26	311,581	831,812
2026	435,000	88,112.50	523,113	285,000	25,237.50	310,238	833,351
2027	455,000	69,625.00	524,625	300,000	13,125.00	313,125	837,750
2028	475,000	49,718.76	524,719				524,719
2029	495,000	27,750.00	522,750				522,750
2030	105,000	4,856.26	109,856				109,856
	\$3,540,000	\$751,456	\$4,291,457	\$1,620,000	\$244,313	\$1,864,313	\$6,155,770

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

Debt Obligations – Amortization Schedules

COMBINATION CONTRACT REVENUE REFUNDING BONDS, SERIES 2013A&B WESTERN CANYON REGIONAL WATER SUPPLY PROJECT

YREND AUG 31	SERIES 2013A BONDS			TAXABLE SERIES 2013B BONDS			TOTAL REQUIREMENTS
	PRINCIPAL	INTEREST	2013A TOTAL	PRINCIPAL	INTEREST	2013B TOTAL	
2022	\$2,415,000	\$1,913,350	\$4,328,350	\$305,000	\$205,236	\$510,236	\$4,838,586
2023	2,535,000	1,792,600	4,327,600	315,000	195,211	510,211	4,837,811
2024	2,660,000	1,665,850	4,325,850	325,000	184,857	509,857	4,835,707
2025	2,795,000	1,532,850	4,327,850	335,000	169,799	504,799	4,832,649
2026	2,935,000	1,393,100	4,328,100	350,000	154,279	504,279	4,832,379
2027	3,080,000	1,246,350	4,326,350	370,000	138,063	508,063	4,834,413
2028	3,235,000	1,092,350	4,327,350	390,000	120,921	510,921	4,838,271
2029	3,400,000	930,600	4,330,600	405,000	102,853	507,853	4,838,453
2030	3,565,000	762,000	4,327,000	425,000	84,089	509,089	4,836,089
2031	3,745,000	585,200	4,330,200	440,000	64,399	504,399	4,834,599
2032	3,930,000	399,500	4,329,500	465,000	44,014	509,014	4,838,514
2033	4,125,000	204,600	4,329,600	485,000	22,470	507,470	4,837,070
	<u>\$38,420,000</u>	<u>\$13,518,350</u>	<u>\$51,938,350</u>	<u>\$4,610,000</u>	<u>\$1,486,191</u>	<u>\$6,096,191</u>	<u>\$58,034,541</u>

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>

Debt Obligations – Amortization Schedules

**COMBINATION CONTRACT REVENUE BONDS, SUBORDINATE
 SERIES 2007B AND 2017
 WATER RESOURCES DIVISION REVENUE, AND SURPLUS WATER PROJECT
 REVENUE BONDS (RRWDS PROJECT) AMORTIZATION SCHEDULE**

YREND AUG 31	TAXABLE SERIES 2007B BONDS			SERIES 2017 BONDS			TOTAL REQ's
	PRINCIPAL	INTEREST	2007B TOTAL	PRINCIPAL	INTEREST	2017 TOTAL	
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

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*

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>

Debt Obligations – Amortization Schedules

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

YR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
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>

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 2017 WESTERN CANYON REGIONAL WATER SUPPLY PROJECT

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2022	\$110,000	\$125,650	\$235,650
2023	115,000	122,350	237,350
2024	120,000	118,900	238,900
2025	130,000	114,100	244,100
2026	135,000	108,900	243,900
2027	140,000	103,500	243,500
2028	140,000	97,900	237,900
2029	145,000	92,300	237,300
2030	155,000	86,500	241,500
2031	160,000	80,300	240,300
2032	165,000	73,900	238,900
2033	170,000	67,300	237,300
2034	460,000	60,500	520,500
2035	470,000	46,700	516,700
2036	485,000	32,013	517,013
2037	500,000	16,250	516,250
	<u>\$3,600,000</u>	<u>\$1,347,063</u>	<u>\$4,947,063</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

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>



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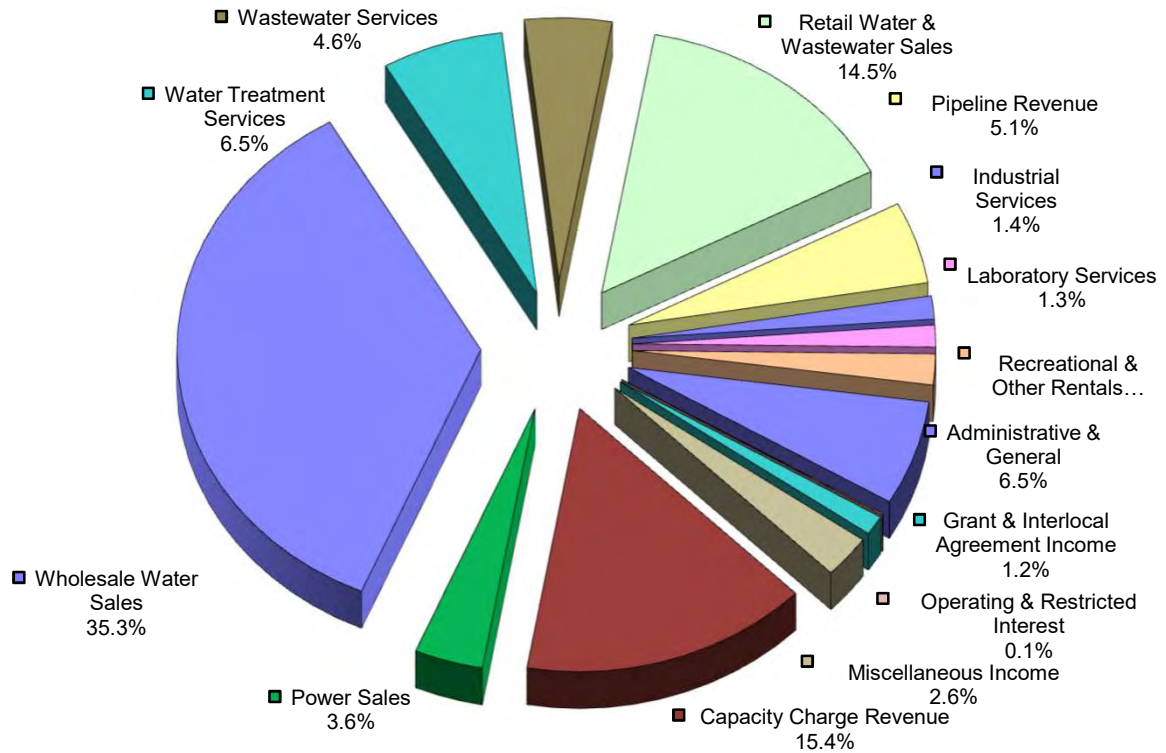


Fiscal Year 2021 Budget

flowing solutions

Budget Summary

REVENUES - GBRA



Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales	3,895,226	2,886,845	2,340,331
Wholesale Water Sales	20,104,270	22,015,025	22,669,385
Water Treatment Services	3,010,248	3,859,768	4,149,983
Wastewater Services	2,143,594	3,125,264	2,980,545
Retail Water & Wastewater Sales	7,545,426	8,601,092	9,342,750
Pipeline Revenue	2,425,518	2,742,642	3,254,124
Industrial Services	894,128	959,705	918,716
Laboratory Services	855,348	877,800	866,000
Recreational & Other Rentals	949,648	1,064,424	1,224,429
Administrative & General	3,532,764	4,158,722	4,144,391
Operating & Restricted Interest	1,109,150	620,025	48,420
Grant & Interlocal Agreement Income	632,641	709,280	759,486
Miscellaneous Income	1,913,415	1,640,792	1,678,152
Total Operating Revenue	49,011,376	53,261,384	54,376,712
Capacity Charge Revenue	9,369,454	9,697,345	9,867,225
I/F Loan Repayments from Operations			
Grand Total Revenues	58,380,830	62,958,729	64,243,937

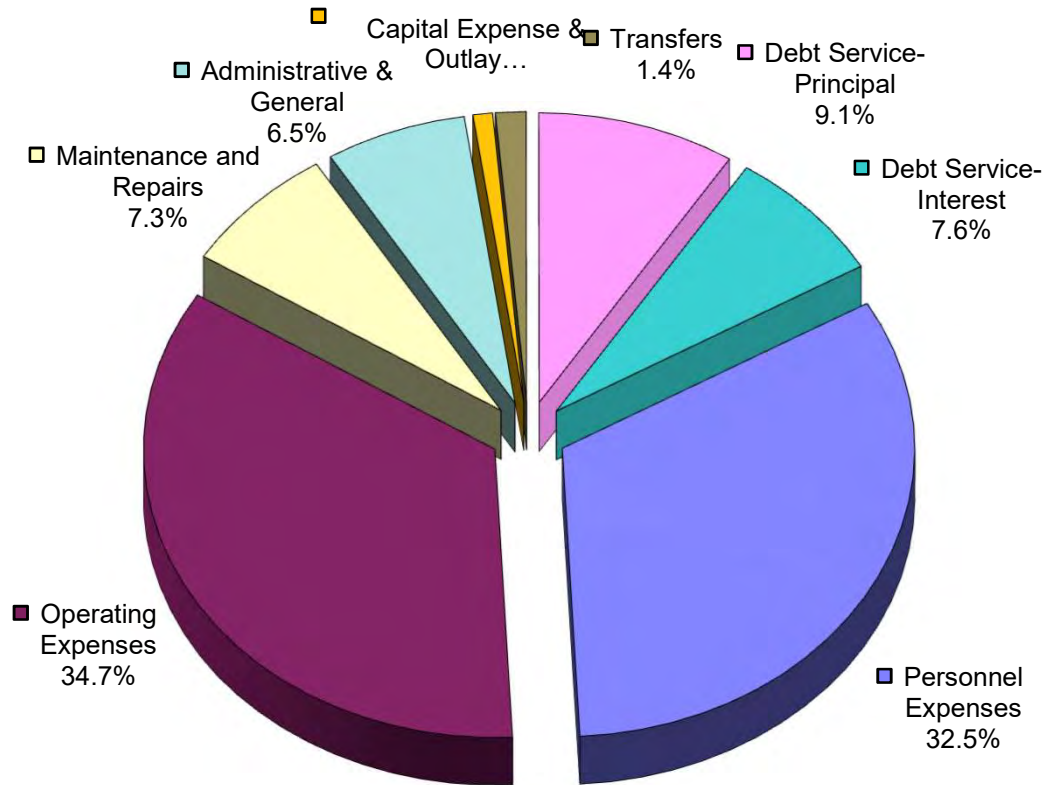


Fiscal Year 2021 Budget

flowing solutions

Budget Summary

EXPENSES - GBRA



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	14,306,671	19,982,498	20,757,264
Operating Expenses	16,272,545	22,387,510	22,158,226
Maintenance and Repairs	4,280,954	4,282,166	4,631,812
Administrative & General	3,491,770	4,158,722	4,144,391
Capital Expense & Outlay	521,118	1,094,100	573,300
Transfers		7,293	891,731
Total Operating and M&R Expenses	38,873,058	51,912,289	53,156,724
Debt Service-Principal	6,023,252	6,091,799	5,824,526
Debt Service-Interest	4,562,008	4,900,714	4,821,937
Grand Total Expenses	49,458,318	62,904,802	63,803,187

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**Fund: *
Department: ***

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Water Treatment				
41101	PLANT O&M	1,162,632	1,317,933	155,301
41102	PLANT A&G	104,771	118,620	13,849
41110	PL-RAW WATER DELIVERY	107,300	118,306	11,006
41111	PL-PLANT O&M INCOME	913,282	989,555	76,273
41112	PL-PLANT A&G INCOME	99,025	98,826	(199)
41115	POC-RAW WATER PURCHASES	18,390	21,607	3,217
41116	POC-PLANT O&M INCOME	258,803	257,192	(1,611)
41117	POC-PLANT A&G INCOME	29,970	24,870	(5,100)
41125	RW-RAW WATER PURCHASE	19,598	20,277	679
41126	RW-WATER TREATMENT	197,970	190,871	(7,099)
41127	RW-PLANT A&G INCOME	17,972	18,835	863
41135	LULING WTP-CITY OF LOCKHART CHARGE	720,492	772,671	52,179
41137	LU/LO DELIVERY SYSTEM-CITY OF LOCKHART	209,563	200,420	(9,143)
	Total Water Treatment	3,859,768	4,149,983	290,215
Wastewater Treatment				
41201	WW-OPR & MAINTENANCE	3,296,050	3,149,171	(146,879)
41202	WW-ADMINISTRATIVE & GENERAL	206,014	233,174	27,160
41207	WW-CREDIT TO CUSTOMER	(376,800)	(401,800)	(25,000)
	Total Wastewater Treatment	3,125,264	2,980,545	(144,719)
Hydroelectric				
41301	POWER SALES	513,171	466,657	(46,514)
	Total Hydroelectric	513,171	466,657	(46,514)
Industrial				
41401	COLETO CREEK POWER-O&M EXP	917,709	865,129	(52,580)
41402	COLETO CREEK POWER-A&G EXP	41,996	53,587	11,591
	Total Industrial	959,705	918,716	(40,989)
Wholesale Raw Water Sales				
42102	CANYON-INEOS	165,733	291,883	126,150
42103	CANYON-PORT LAVACA WTP	269,995	338,240	68,245
42104	CANYON-CCRWSC	41,735	72,631	30,896

		FY 2020	FY 2021	FY 2021-2020
		BUDGET	BUDGET	DIFFERENCE
42105	CANYON-CITY OF SEGUIN	150,667	151,000	333
42106	CANYON-GONZALES COUNTY WSC	52,733	-	(52,733)
42107	CANYON-SPRINGS HILL WSC	429,400	483,200	53,800
42108	CANYON-REBECCA CREEK MUD	19,587	19,630	43
42109	CANYON-CRWA-HAYS CO, SAN MARCOS	307,059	307,738	679
42110	CANYON-SEADRIFT COKE	50,323	50,434	111
42111	CANYON-UNION CARBIDE	15,067	15,100	33
42112	CANYON-STANDARD GYPSUM	38,872	38,958	86
42113	CANYON-CMS STEEL	105,467	105,700	233
42114	CANYON-NEW BRAUNFELS UTILITIES	2,293,147	2,298,220	5,073
42115	CANYON-CRYSTAL CLEAR WSC	120,533	120,800	267
42116	CANYON-CANYON REGIONAL WATER AUTH	1,790,172	1,797,469	7,297
42117	CANYON-CANYON LAKE WSC	964,266	966,400	2,134
42118	CANYON-CITY OF SAN MARCOS	1,506,667	1,510,000	3,333
42119	CANYON-GUADALUPE POWER PARTNERS	1,030,560	1,032,840	2,280
42120	CANYON-CITY OF KYLE	820,079	821,893	1,814
42121	CANYON-GREEN VALLEY SUD	150,667	151,000	333
42122	CANYON-HAYS ENERGY LTD PARTNERSHIP	371,243	372,064	821
42123	CANYON-CITY OF FAIR OAKS	278,733	279,350	617
42124	CANYON-SAN ANTONIO WATER SYSTEMS	1,055,440	1,060,341	4,901
42125	CANYON-CITY OF BOERNE	544,057	545,261	1,204
42126	CANYON-GBRA-COMAL TRACE	12,053	12,080	27
42127	CANYON-SAN JOSE-PARK VILLAGE	48,515	48,622	107
42128	CANYON-JACQUELYN COUSER	15,067	15,100	33
42129	CANYON-BREMER RANCH, LTD	15,067	15,100	33
42130	CANYON-CITY OF BLANCO	90,400	90,600	200
42131	CANYON-FORESIGHT	43,693	43,790	97
42132	CANYON-CORDILLERA RANCH, LTD	226,000	226,500	500
42133	CANYON-KENDALL COUNTY/TAPATIO SPRINGS	113,000	113,250	250
42134	CANYON-CITY OF BUDA	253,120	253,680	560
42135	CANYON-DH INV-JOHNSON RANCH	135,600	135,900	300
42136	CANYON-GOFORTH SUD	456,068	457,077	1,009
42137	CANYON-HH RANCH PROPERTIES	37,667	37,750	83
42138	CANYON-SUNFIELD	174,623	175,009	386
42139	CANYON-MONARCH UTILITIES, LP	84,373	84,560	187
42140	CANYON-MIRALOMAS MUD	113,000	113,250	250
42141	CANYON-SMALL WATER SALES	54,157	55,971	1,814
42150	WOMACK-NEW BRAUNFELS UTILITIES	430,350	430,350	-
42151	CARRIZO-NEW BRAUNFELS UTILITES	576,000	584,000	8,000
42152	CARRIZO-CITY OF LOCKHART	216,000	219,000	3,000
42153	CARRIZO-GOFORTH SUD	288,000	292,000	4,000
42170	CANAL-PT LAVACA	107,301	118,306	11,005
42171	CANAL-RURAL WATER	18,390	20,277	1,887
42172	CANAL-CARBIDE	843,028	929,492	86,464
42173	CANAL-INEOS	233,033	256,934	23,901

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
42174 CANAL-SPRINKLER IRRIGATION	27,000	27,000	-
42175 CANAL-SEADRIFT COKE	25,794	28,439	2,645
42176 CANAL-CRAWFISH FARM	9,000	9,000	-
42177 CANAL-PONDS & RIGS	12,100	12,100	-
42178 CANAL-WATERFOWL	25,000	25,000	-
42179 CANAL-POC IDC	19,597	21,608	2,011
42181 CANAL-OTHER	18,000	18,000	-
Total Wholesale Raw Water Sales	17,293,198	17,699,897	406,699
Wholesale Water Treatment			
42201 ANNUAL SERVICE FEE INCOME	988,420	996,096	7,676
42230 WCANYON WTP O&M	3,733,407	3,973,392	239,985
Total Wholesale Water Treatment	4,721,827	4,969,488	247,661
Retail Water Sales			
42301 WATER SALES	3,234,776	3,547,372	312,596
42302 WHOLESale WATER SALES	40,000	40,000	-
42310 WATER CONNECTION FEES	120,000	195,750	75,750
42320 WATER MEMBERSHIP FEES	28,800	28,000	(800)
42340 TRANSFER FEES	2,000	-	(2,000)
Total Retail Water Sales	3,425,576	3,811,122	385,546
Retail Wastewater			
42401 WASTEWATER SERVICES	3,637,478	3,777,820	140,342
42402 SEWER CONNECTION/INSP FEES	1,306,050	1,601,225	295,175
42404 SERVICE CALL INCOME	8,450	7,550	(900)
42405 TRANSFER FEES	-	1,200	1,200
42450 CHARGES TO DEVELOPERS	223,538	143,833	(79,705)
Total Retail Wastewater	5,175,516	5,531,628	356,112
Pipeline Revenue			
42501 O&M-IH35, BUDA	63,316	72,731	9,415
42502 O&M-IH35, GOFORTH	151,958	192,216	40,258
42503 O&M-IH35, KYLE	212,741	243,128	30,387
42504 O&M-IH35, MONARCH	46,195	49,353	3,158
42550 O&M-RRWDS, COSM	669,653	831,697	162,044
42551 O&M-RRWDS, BUDA	69,220	92,479	23,259
42552 O&M-RRWDS, GOFORTH	166,128	244,409	78,281
42553 O&M-GPP	631,333	642,483	11,150
42554 O&M-RRWDS, HELP	95,701	115,339	19,638
42555 O&M-RRWDS, KYLE	232,579	309,145	76,566
42556 O&M-RRWDS, CRWA	135,515	194,007	58,492
42557 O&M-RRWDS, MONARCH	50,503	62,754	12,251
42570 O&M-SMWTP, COSM	(706,847)	(817,641)	(110,794)
42571 O&M-SMWTP, BUDA	123,457	133,349	9,892

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
42572	O&M-SMWTP, GOFORTH	296,298	352,422	56,124
42573	O&M-SMWTP, KYLE	414,817	445,766	30,949
42574	O&M-SMWTP, MONARCH	90,075	90,487	412
	Total Pipeline Revenue	2,742,642	3,254,124	511,482
	Hydroelectric			
42701	ENERGY CHARGE	873,674	873,674	-
42702	FACILITY CHARGE	1,500,000	1,000,000	(500,000)
	Total Hydroelectric	2,373,674	1,873,674	(500,000)
	Laboratory			
42801	REV-LABORATORY SERVICES	877,800	866,000	(11,800)
	Total Laboratory	877,800	866,000	(11,800)
	Recreation & Other Rentals			
42901	REV-FACILITY RENTAL	59,825	59,564	(261)
42902	REV-PARK ENTRY FEES	841,905	1,015,965	174,060
42903	REV-CONCESSIONS/STORE CHARGES	17,394	19,000	1,606
42915	REV-SPONSORSHIPS	10,250	8,250	(2,000)
42920	REV-HUNTING REVENUE	31,450	24,050	(7,400)
42921	REV-HYDRO HOUSE RENTALS	10,200	4,200	(6,000)
42922	REV-AG & LAND USE	93,400	93,400	-
	Total Recreation & Other Rentals	1,064,424	1,224,429	160,005
	Internal Transfers			
43001	REV-ADMIN & GEN CHARGES	4,158,722	4,144,391	(14,331)
43002	REV-BUILDING/EQUIP RENTAL	198,588	199,088	500
	Total Internal Transfers	4,357,310	4,343,479	(13,831)
	Operating Interest			
44101	INT-OPR CASH ACCOUNTS	100,000	25,000	(75,000)
44110	INT-OPR INVESTMENT FUNDS	520,025	23,420	(496,605)
	Total Operating Interest	620,025	48,420	(571,605)
	Misc Income			
45110	HYDRO MODIFICATION PERMITS	18,000	-	(18,000)
45120	INSPECTION FEE INCOME-BULVERDE	55,000	-	(55,000)
45195	MISCELLANEOUS REVENUES	410,500	428,500	18,000
	Total Misc Income	483,500	428,500	(55,000)
	Pass-Through Costs			
45240	PASS-THROUGH-ELECTRIC COSTS	369,820	396,664	26,844
45241	PASS-THROUGH-CHEMICAL COSTS	360,869	398,681	37,812
45242	PASS-THROUGH-GNDWTR ELECTRIC COSTS	94,500	119,448	24,948
45243	PASS-THROUGH-GNDWTR CHEMICAL COSTS	18,515	24,106	5,591

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
45244	PASS-THROUGH-INSURANCE	28,000	26,665	(1,335)
45245	PASS-THROUGH-LOC	12,000	10,000	(2,000)
45246	PASS-THROUGH-INSPECTION	75,000	75,000	-
	Total Pass-Through Costs	958,704	1,050,564	91,860
	Grant & Interlocal Agreement Income			
45301	GRANTS-FEDERAL	307,375	245,215	(62,160)
45302	GRANTS-STATE	20,000	300,000	280,000
45303	GRANTS-CLEAN RIVERS PROGRAM	186,980	175,225	(11,755)
45320	INTERLOCAL-CONTRIBUTED BY CUSTOMERS	194,925	39,046	(155,879)
	Total Grant & Interlocal Agreement Income	709,280	759,486	50,206
	Total Operating Revenue	53,261,384	54,376,712	1,115,328
	OPERATING EXPENSES			
	Salaries			
51101	LBR-REGULAR WAGES	14,020,017	14,409,795	389,778
51102	LBR-OVERTIME	670,981	793,977	122,996
	Total Salaries	14,690,998	15,203,772	512,774
	Benefits			
51201	BEN-FICA/MED	1,098,000	1,112,075	14,075
51202	BEN-RETIREMENT	2,187,000	2,198,755	11,755
51203	BEN-HEALTH INSURANCE	1,860,000	2,110,200	250,200
51204	BEN-LIFE INSURANCE, LTD, AD&D	131,500	138,180	6,680
51220	BEN-OTHER BENEFIT EXP	15,000	-	(15,000)
	Total Benefits	5,291,500	5,559,210	267,710
	Operating Supplies & Services			
52101	OPR-POWER & UTILITIES	4,270,409	4,688,855	418,446
52102	OPR-AUXILIARY POWER EXPENSE	103,596	135,730	32,134
52103	OPR-CHEMICALS	1,601,589	1,553,918	(47,671)
52110	OPR-SMALL TOOLS AND SUPPLIES	95,056	97,960	2,904
52111	OPR-PUBLIC COMMUNICATIONS	145,000	157,000	12,000
52113	OPR-LAB SUPPLIES	268,357	270,160	1,803
52114	OPR-LABORATORY SERVICES-GBRA	514,744	512,720	(2,024)
52115	OPR-LABORATORY SERVICES-OUTSOURCED	99,031	108,803	9,772
52118	OPR-DISPOSAL SERVICES	964,208	992,216	28,008
52120	OPR-UNIFORMS	77,134	80,772	3,638
52121	OPR-SAFETY & EMERGENCY EXPENSE	147,179	130,745	(16,434)
52122	OPR-SECURITY EXPENSE	37,180	40,430	3,250
52123	OPR-EQUIPMENT RENTAL	112,610	185,116	72,506
52124	OPR-EQUIPMENT EXPENSE	169,619	137,384	(32,235)

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
52125 OPR-VEHICLE EXPENSE	337,876	311,484	(26,392)
52126 OPR-FLEET LEASE EXPENSE	96,000	153,699	57,699
52132 OPR-GAUGING AND MONITORING	20,760	25,000	4,240
52133 OPR-SCADA	259,570	117,150	(142,420)
52135 OPR-PROCESS/SPECIAL OPERATING	68,640	64,940	(3,700)
52145 OPR-CONTRACT LABOR	271,960	149,890	(122,070)
52150 OPR-WATER PURCHASES/DELIVERY	1,715,227	2,005,656	290,429
52155 OPR-TRANSMISSION CHARGES	45,000	45,000	-
Total Operating Supplies & Services	11,420,745	11,964,628	543,883
Professional Services and Fees			
52201 OPR-PROFESSIONAL SERVICES-ENGINEERING	865,000	725,500	(139,500)
52202 OPR-PROFESSIONAL SERVICES-LEGAL	2,805,000	1,535,000	(1,270,000)
52204 OPR-PROFESSIONAL SERVICES-EMPLOYEE RELATED	183,000	115,025	(67,975)
52205 OPR-PROFESSIONAL SERVICES-OTHER	1,485,096	2,293,059	807,963
52210 OPR-CORPS OF ENGINEERS	850,000	850,000	-
52211 OPR-USGS MONITORING	218,620	225,179	6,559
52212 OPR-CARRIZO LEASE PAYMENTS	870,100	896,200	26,100
52213 OPR-GROUNDWATER DISTRICT FEES	-	139,672	139,672
52214 OPR-EAA HABITAT CONSERVATION	400,000	150,000	(250,000)
52215 OPR-GUADALUPE BLANCO RIVER TRUST	165,000	224,000	59,000
52216 OPR-REGULATORY FEES	265,340	259,420	(5,920)
52217 OPR-INSPECTION FEES	143,521	147,153	3,632
52218 OPR-ACCREDITATION FEES	3,800	4,000	200
52219 OPR-CUSTOMER BILLING FEES	75,000	70,200	(4,800)
52220 OPR-BANK FEES	70,934	47,636	(23,298)
52222 OPR-MEMBERSHIPS & PUBLICATIONS	51,680	49,415	(2,265)
52223 OPR-LICENSE & TRAINING	210,394	218,995	8,601
52224 OPR-TRAVEL	169,619	144,875	(24,744)
Total Professional Services and Fees	8,832,104	8,095,329	(736,775)
Office Expenses			
52301 OPR-OFFICE SUPPLIES	108,712	119,250	10,538
52302 OPR-COMPUTER & SOFTWARE EXPENSE	350,875	366,250	15,375
52304 OPR-COPY SUPPLIES AND SERVICES	50,000	50,100	100
52305 OPR-POSTAGE AND FREIGHT EXPENSE	31,570	35,420	3,850
52306 OPR-COMMUNICATIONS	194,506	220,086	25,580
52320 OPR-EDUCATION EXPENSE	-	1,000	1,000
52321 OPR-ECONOMIC DEVELOPMENT	106,500	94,000	(12,500)
52322 OPR-MEDIA EXPENSE	20,938	17,368	(3,570)
52323 OPR-EMPLOYEE RELATIONS	31,000	21,150	(9,850)
52330 OPR-OUTSOURCED PRINTING EXPENSE	37,500	31,500	(6,000)
52331 OPR-JANITORIAL SUPPLIES AND SERVICE	45,180	41,200	(3,980)
Total Office Expenses	976,781	997,324	20,543

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
Other Operating Expenses			
52401 OPR-DIRECTORS EXPENSES	35,000	25,000	(10,000)
52402 OPR-RENT EXPENSE	14,820	-	(14,820)
52403 OPR-OFFICE/BUILDING RENTAL	175,068	200,348	25,280
52404 OPR-RIGHT OF WAY	14,950	18,840	3,890
52420 OPR-INSURANCE EXPENSE	715,600	736,889	21,289
52430 OPR-MISC EXPENSE	137,442	114,150	(23,292)
Total Other Operating Expenses	1,092,880	1,095,227	2,347
SUBTOTAL OF OPERATIONAL EXPENSES	42,305,008	42,915,490	610,482
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	369,092	423,836	54,744
53105 M&R-GENERATORS	49,796	47,250	(2,546)
53110 M&R-CONTROL SYSTEMS	112,836	235,860	123,024
53115 M&R-METERS	126,164	178,920	52,756
53120 M&R-BOATS	14,150	10,000	(4,150)
53130 M&R-HYDROELECTRIC	10,000	-	(10,000)
Total Maintenance and Repair Equipment	682,038	895,866	213,828
Structures			
53201 M&R-BUILDING	279,692	243,360	(36,332)
53202 M&R-CLEARWELLS	8,580	13,400	4,820
53205 M&R-PUMPS AND MOTORS	473,614	509,712	36,098
53210 M&R-GATES AND VALVES	78,820	67,540	(11,280)
53215 M&R-LIFTSTATIONS	83,200	100,000	16,800
53216 M&R-PUMPSTATIONS	204,600	213,600	9,000
53220 M&R-CLARIFIERS	138,000	59,500	(78,500)
53225 M&R-FENCES	4,000	12,000	8,000
53230 M&R-PIPELINES	132,680	329,700	197,020
53235 M&R-TRANSMISSION LINES	175,000	404,000	229,000
53237 M&R UV SYSTEM	10,000	10,000	-
53238 M&R-FILTERS	146,864	129,764	(17,100)
53240 M&R-SPILLGATES	254,740	17,000	(237,740)
53245 M&R-POWERHOUSE	171,000	170,000	(1,000)
53250 M&R-LAKE STRUCTURES	3,756	3,000	(756)
53251 M&R-PARK STRUCTURES	10,920	12,900	1,980
Total Structures	2,175,466	2,295,476	120,010
Other Maintenance & Repairs			
53301 M&R-ROADS	43,452	83,600	40,148
53302 M&R-WELLS	213,750	241,750	28,000
53310 M&R-GROUNDS/ROW	373,180	398,720	25,540
53315 M&R-CAMP AND PICNIC SITES	41,240	49,700	8,460
53320 M&R-PONDS AND LAGOONS	11,700	24,000	12,300

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
53324 M&R-REMOVE LOG JAMS	26,200	26,200	-
53325 M&R-GENERAL MAINTENANCE	689,890	535,020	(154,870)
53399 M&R-MISC EXPENSE	90,250	81,480	(8,770)
Total Other Maintenance & Repairs	1,489,662	1,440,470	(49,192)
SUBTOTAL OF M&R EXPENSES	4,347,166	4,631,812	284,646
Administrative & General			
54100 ADMINISTRATIVE & GENERAL	4,158,722	4,144,391	(14,331)
Total Administrative & General	4,158,722	4,144,391	(14,331)
Capital Expenses			
55001 CUSTOMER-OWNED CAPITAL EXPENSE	4,300	34,300	30,000
55002 GBRA-OWNED CAPITAL EXPENSE	-	35,000	35,000
Total Capital Expenses	4,300	69,300	65,000
Capital Outlay			
13201 STRUCTURES & IMPROVEMENTS	-	97,000	97,000
13208 SPECIALIZED OPER EQUIPMENT	8,000	-	(8,000)
13215 SHOPS & STOREROOMS	35,000	-	(35,000)
13217 AUTO & HEAVY EQUIPMENT	526,000	315,000	(211,000)
13218 OFFICE FURNITURE & EQUIP	167,800	-	(167,800)
13219 MISCELLANEOUS EQUIPMENT	353,000	92,000	(261,000)
Total Capital Outlay	1,089,800	504,000	(585,800)
Transfers			
61505 TRANSFERS-DESIGNATED PROJECT FUND	1,602,866	687,651	(915,215)
61510 TRANSFERS-RESTRICTED/BOND COVENANT FUND	724,461	378,237	(346,224)
61515 TRANSFERS-RESERVE FUND	(2,320,034)	(174,157)	2,145,877
Total Transfers	7,293	891,731	884,438
TOTAL OPERATING AND M&R EXPENSES	51,912,289	53,156,724	1,244,435
Net Operating Income	1,349,095	1,219,988	(129,107)

DEBT SERVICE BUDGET

Capacity Charge Revenue			
41119 POC-DEBT SERVICE	35,081	35,081	-
41129 RW-DEBT SERVICE	26,207	26,207	-
41131 DEBT SERVICE-LU/LO PROJECT	407,158	398,964	(8,194)
41133 DEBT COVER-LU/LO PROJECT	40,716	39,896	(820)

		FY 2020	FY 2021	FY 2021-2020
		BUDGET	BUDGET	DIFFERENCE
41138	PLANT DEBT SERVICE	215,306	215,306	-
42601	DEBT SERV-RRWDS, COSM	667,721	672,561	4,840
42602	DEBT SERV-RRWDS, BUDA	103,985	103,985	-
42603	DEBT SERV-RRWDS, GOFORTH	239,878	239,878	-
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	102,338	-
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	386,672	-
42642	DEBT SERV-2013 IH35, KYLE	542,775	542,774	(1)
42643	DEBT SERV-2013 IH35, MONARCH	55,841	55,841	-
42644	DEBT SERV-2013 IH35, SUNFIELD	165,038	165,038	-
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	35,627	38,002	2,375
42659	DEBT SERV-2013 WCANYON, CORDILLERA RANCH	201,888	232,765	30,877
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	3,311,434	3,278,182	(33,252)
42665	DEBT SERV-2013 WCANYON, KENDALL WEST	95,006	95,006	-
42670	DEBT SERV-2016 SMWTP, BUDA	37,228	37,444	216
42671	DEBT SERV-2016 SMWTP, GOFORTH	85,930	86,427	497
42672	DEBT SERV-2016 SMWTP, KYLE	120,620	121,318	698
42673	DEBT SERV-2016 SMWTP, MONARCH	12,409	12,481	72
42674	DEBT SERV-2016 SMWTP, SUNFIELD	36,676	36,889	213
42680	DEBT SERV-2017 TTHM, BOERNE	30,589	30,589	-
42681	DEBT SERV-2017 TTHM, BREMER	471	471	-
42682	DEBT SERV-2017 TTHM, CLWSC	16,989	16,989	-
42683	DEBT SERV-2017 TTHM, COMAL TRACE	1,765	1,765	-
42684	DEBT SERV-2017 TTHM, COUSER	471	471	-
42685	DEBT SERV-2017 TTHM, FAIR OAKS	22,871	22,871	-
42686	DEBT SERV-2017 TTHM, GBRA CORDILLERA	10,000	10,000	-
42687	DEBT SERV-2017 TTHM, JOHNSON RANCH	7,059	7,059	-
42688	DEBT SERV-2017 TTHM, KENDALL WEST	4,706	4,706	-
42689	DEBT SERV-2017 TTHM, MIRALOMAS	5,294	5,294	-
42690	DEBT SERV-2017 TTHM, SAWS	163,322	163,322	-
42695	DEBT SERV-2018/19 CARRIZO, NBU	-	94,537	94,537
42696	DEBT SERV-2018/19 CARRIZO, GOFORTH	-	42,153	42,153
42697	DEBT SERV-2018/19 CARRIZO, LOCKHART	-	35,669	35,669
Total Capacity Charge Revenue		9,697,345	9,867,225	169,880

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
12532	I/F LOAN PAID-DUNLAP	500,000	700,000	200,000
24201	I/F LOAN-GENERAL	(500,000)	(700,000)	(200,000)
	Total Debt Revenue	9,697,345	9,867,225	169,880
	Principal Payments Expense			
21101	LOAN-1977 CORP OF ENGINEERS	264,190	270,794	6,604
21105	LOAN-2008 CLEARWELL, Frost	54,190	58,760	4,570
21106	LOAN-2012 DUNLAP EXP, Regions	115,000	115,000	-
21109	LOAN-2016 GENERATOR, WFargo	9,067	9,384	317
21110	LOAN-2016 PRESS/TRUCK, WFargo	38,114	39,448	1,334
21150	LOAN-BUDGET PRINCIPAL	274,989	199,057	(75,932)
21201	BOND-2007 RRWDS	123,333	130,000	6,667
21202	BOND-2010 RRWDS	520,000	540,000	20,000
21203	BOND-2011 GEN IMP	567,083	185,000	(382,083)
21204	BOND-2012 MID-BASIN	225,000	225,000	-
21205	BOND-2013 IH35	626,250	641,667	15,417
21206	BOND-2013 WCANYON	2,532,917	2,650,000	117,083
21207	BOND-2014 LULO PIPELINE	285,833	287,500	1,667
21209	BOND-2016 SMWTP	95,417	99,583	4,166
21211	BOND-2017 RRWDS	253,333	263,333	10,000
21212	BOND-2017 WCANYON AERATION	107,083	110,000	2,917
	Total Principal Payments Expense	6,091,799	5,824,526	(267,273)
	Interest Expense			
57101	INT-LONG TERM LOANS	64,546	60,708	(3,838)
57102	INT-CLEARWELL, Frost	7,098	2,528	(4,570)
57103	INT-LULO BONDS	121,325	111,464	(9,861)
57201	INT-1977 CANYON COE	44,701	38,096	(6,605)
57203	INT-2007 RRWDS	345,723	340,067	(5,656)
57204	INT-2010 RRWDS	87,019	71,419	(15,600)
57205	INT-2011 GEN IMP BONDS	259,023	121,513	(137,510)
57206	INT-2012 MID-BASIN BONDS	36,524	35,341	(1,183)
57207	INT-2013 IH35 BONDS	570,659	555,635	(15,024)
57208	INT-2013 WCANYON BONDS	2,305,663	2,187,096	(118,567)
57209	INT-2014 DUNLAP, Generator	2,422	2,105	(317)
57210	INT-2016 SMWTP	170,824	168,915	(1,909)
57211	INT-2016 PRESS/TRUCK, WFargo	10,182	8,846	(1,336)
57212	INT-2017 RRWDS	249,131	241,531	(7,600)
57214	INT-2017 WCANYON AERATION	130,788	127,575	(3,213)
57215	INT-2018/19 CARRIZO GROUNDWATER, TWDB	359,261	732,849	373,588
57250	INT-BUDGET LOAN EXPENSE	135,825	16,249	(119,576)
	Total Interest Expense	4,900,714	4,821,937	(78,777)

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
Total Debt Expense	<u>10,992,513</u>	<u>10,646,463</u>	<u>(346,050)</u>
Net Change in Debt Service Budget	<u>(1,295,168)</u>	<u>(779,238)</u>	<u>515,930</u>
Net Change in Fund Balance	<u>53,927</u>	<u>440,750</u>	<u>386,823</u>

GBRA Consolidated - Capital Outlay Expense

Division Description		FY 2021
Capital Outlay Funded From Current Revenues		
041	Forestry Cutter for Skid Steer-Diversion System	\$ 30,000
041	Backhoe-Diversion System	\$ 93,000
041	Monument Signs & Wayfinding Signs-Gorge	\$ 57,000
070	Vacuum Excavator	\$ 60,000
070	Medium Duty Service Truck	\$ 50,000
092	Replacement Mower	\$ 12,000
092	Utility Vehicle	\$ 12,000
092	Replacement of Playground Equipment	\$ 80,000
092	Septic System Installation-Camping Loop 3	\$ 40,000
130	3/4 Ton Truck with Utility Bed	\$ 35,000
131	3/4 Ton Truck with Utility Bed	\$ 35,000
<hr/> Total Capital Outlay Expense		<hr/> \$ 504,000 <hr/>



General Division

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

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

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

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

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

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

General Division

Operating Plan for Fiscal Year Ending 8/31/21

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 41 employees who work within GBRA's Seguin business 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 2021 is estimated at \$4,144,891. The remainder of the Division's revenue is from interest on investments in the amount of \$26,500

The total revenue budgeted for the General Division in FY 2021 is \$4,171,391, which is \$14,331 or 0.3%, less than the previous year, with no change to the administrative rate charged to the various GBRA divisions. This amount is calculated based on the amount each division budgeted for labor costs in FY 2021.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The work plan for FY 2021 includes a projected 4.2% increase in total budgeted operating and maintenance expenditures from FY 2020 budget. The increase is primarily the result of changes in labor allocations by shifting from other divisions to the General Division.

The largest single cost component of the Division budget is personnel costs at \$2,704,512. Other significant expenditures in FY 2021 are for professional fees at \$718,275 and computer supplies of \$232,900.

FUND BALANCE

Funds for the above operating expenditures will be received from the administrative charges that the General Division bills to GBRA's operating divisions, construction projects and development projects.

In summary, budgeted revenue less operating and capital expenditures will result in the Division's fund balance decreasing from operating activities by \$699,986. 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 \$14.



Staffing Summary

General	# of Authorized Positions (FTE)		
	2019	2020	2021
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	1	3	3
General Counsel	1	1	1
Executive Manager of Administration	1	1	1
Executive Manager of Finance/CFO	1	1	1
Assistant General Counsel	2	2	2
Deputy CFO-Accounting & Purchasing	1	1	1
Deputy CFO-Finance	1	1	1
Director of Government Relations	---	1	1
Accounting Manager	1	1	1
Communication Manager	1	1	1
Director of Regulatory & Customer Affairs	---	1	1
Human Resources Manager	1	1	1
IT Manager	1	1	1
Purchasing Manager	1	1	1
Safety & Risk Manager	1	1	1
Accounting Services Supervisor	---	1	1
Executive Assistant to the General Counsel	1	1	1
Executive Assistant to the General Manager	1	1	1
GIS Administrator	1	1	1
Grant Writer/Administrator	1	1	1
Database Administrator	1	1	1
SCADA Administrator/Tech	2	2	2
Communications Specialist	1	1	1
Environmental Education Administrator	1	1	1
Environmental Education Specialist	1	1	1
Help Desk Technician	---	1	1
Records Manager	1	1	1
Administrative Support Assistant	---	1	1
Human Resources Specialist	1	1	1
Accountant	---	3	2
Accounting Assistant	3	1	1
Accounting Clerk	1	---	---
Records Assistant	1	1	1
Utility Billing/Customer Service Specialist	---	---	1
Customer Service Assistant	2	2	2
Associate General Counsel	---	1	1
Paralegal	---	1	1
Total	36	45	45

Changes from FY 2019 to FY 2020

- 1-Help Desk Technician position was added.
- 1-Director of Government Relations was added.
- 1-Director of Regulatory & Customer Affairs was added.
- 1-Finance Staff was added.
- 5-Reclassified positions from Water Resources to General Division

Changes from FY 2020 to FY 2021

No staffing changes for this division.

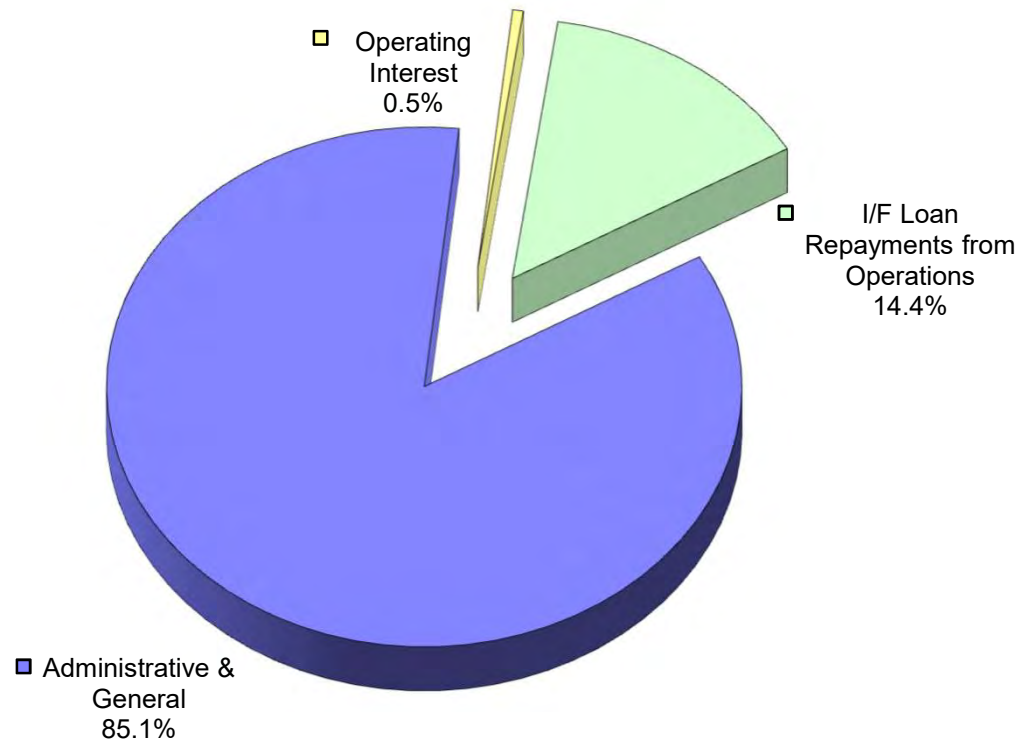


Fiscal Year 2021 Budget

flowing solutions

Budget Summary

REVENUES - GENERAL



Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals	12,560		
Administrative & General	3,532,764	4,158,722	4,144,891
Operating Interest	153,850	120,000	26,500
Grant & Interlocal Agreement Income			
Miscellaneous Income	4,366		
Total Operating Revenue	3,703,540	4,278,722	4,171,391
Capacity Charge Revenue			
I/F Loan Repayments from Operations		500,000	700,000
Grand Total Revenues	3,703,540	4,778,722	4,871,391

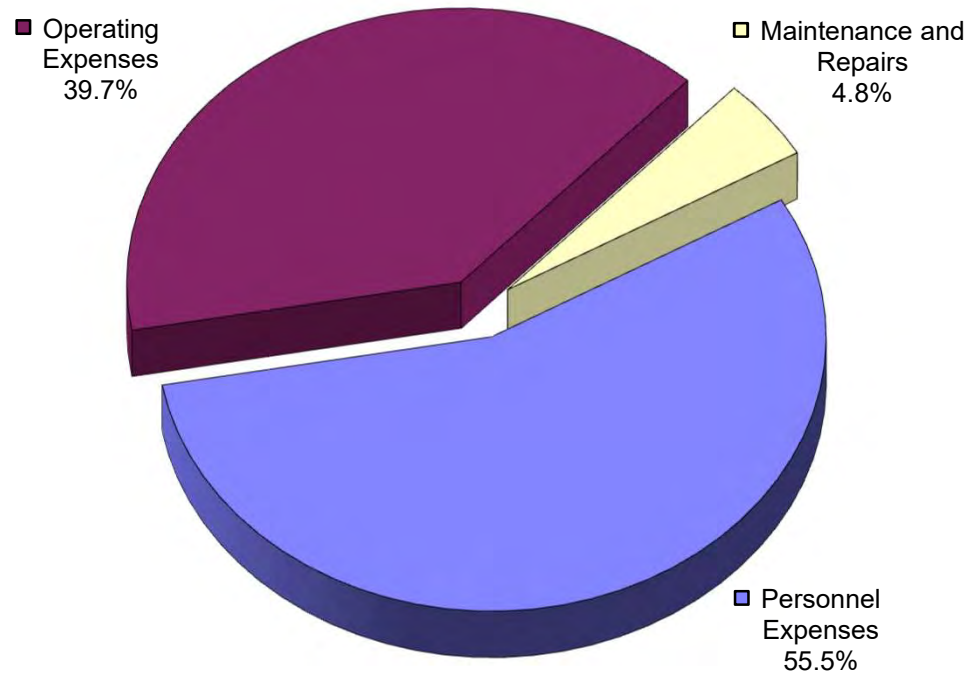


Fiscal Year 2021 Budget

flowing solutions

Budget Summary

EXPENSES - GENERAL



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel			
Personnel Expenses	(907,053)	1,762,782	2,704,512
Operating Expenses	1,280,342	1,796,844	1,931,855
Maintenance and Repairs	103,853	234,500	235,010
Administrative & General			
Capital Expense & Outlay	4,992	552,800	
Transfers		325,000	
Total Operating and M&R Expenses	482,134	4,671,926	4,871,377
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	482,134	4,671,926	4,871,377

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**010 - General
Department ***


	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Internal Transfers			
43001 REV-ADMIN & GEN CHARGES	4,158,722	4,144,391	(14,331)
43002 REV-BUILDING/EQUIP RENTAL	-	500	500
Total Internal Transfers	4,158,722	4,144,891	(13,831)
Operating Interest			
44101 INT-OPR CASH ACCOUNTS	100,000	25,000	(75,000)
44110 INT-OPR INVESTMENT FUNDS	20,000	1,500	(18,500)
Total Operating Interest	120,000	26,500	(93,500)
Total Operating Revenue	4,278,722	4,171,391	(107,331)
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	1,723,227	2,349,311	626,084
51102 LBR-OVERTIME	-	1,459	1,459
Total Salaries	1,723,227	2,350,770	627,543
Benefits			
51201 BEN-FICA/MED	1,098,000	1,112,075	14,075
51202 BEN-RETIREMENT	2,187,000	2,198,755	11,755
51203 BEN-HEALTH INSURANCE	1,860,000	2,110,200	250,200
51204 BEN-LIFE INSURANCE, LTD, AD&D	131,500	138,180	6,680
51220 BEN-OTHER BENEFIT EXP	15,000	-	(15,000)
51298 BEN-BENEFIT ALLOCATION	(5,251,945)	(5,205,468)	46,477
Total Benefits	39,555	353,742	314,187
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	90,000	90,000	-
52110 OPR-SMALL TOOLS AND SUPPLIES	1,000	1,000	-
52111 OPR-PUBLIC COMMUNICATIONS	17,500	17,500	-
52118 OPR-DISPOSAL SERVICES	1,560	1,560	-

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
52120	OPR-UNIFORMS	3,000	3,000	-
52121	OPR-SAFTY & EMERGENCY EXPENSE	26,175	24,000	(2,175)
52122	OPR-SECURITY EXPENSE	10,000	10,000	-
52124	OPR-EQUIPMENT EXPENSE	700	10	(690)
52125	OPR-VEHICLE EXPENSE	55,000	40,000	(15,000)
52126	OPR-FLEET LEASE EXPENSE	-	7,817	7,817
52135	OPR-PROCESS/SPECIAL OPERATING	10,000	26,000	16,000
	Total Operating Supplies & Services	214,935	220,887	5,952
Professional Services and Fees				
52202	OPR-PROFESSIONAL SERVICES-LEGAL	-	30,000	30,000
52204	OPR-PROFESSIONAL SERVICES-EMPLOYEE RELATED	183,000	115,025	(67,975)
52205	OPR-PROFESSIONAL SERVICES-OTHER	426,496	573,250	146,754
52215	OPR-GUADALUPE BLANCO RIVER TRUST	165,000	224,000	59,000
52220	OPR-BANK FEES	30,000	9,360	(20,640)
52222	OPR-MEMBERSHIPS & PUBLICATIONS	27,920	25,226	(2,694)
52223	OPR-LICENSE & TRAINING	73,400	66,400	(7,000)
52224	OPR-TRAVEL	52,500	51,600	(900)
	Total Professional Services and Fees	958,316	1,094,861	136,545
Office Expenses				
52301	OPR-OFFICE SUPPLIES	22,500	28,500	6,000
52302	OPR-COMPUTER & SOFTWARE EXPENSE	188,325	232,900	44,575
52304	OPR-COPY SUPPLIES AND SERVICES	25,000	25,000	-
52305	OPR-POSTAGE AND FREIGHT EXPENSE	8,640	8,640	-
52306	OPR-COMMUNICATIONS	69,392	48,400	(20,992)
52322	OPR-MEDIA EXPENSE	7,000	5,000	(2,000)
52323	OPR-EMPLOYEE RELATIONS	30,000	20,000	(10,000)
52330	OPR-OUTSOURCED PRINTING EXPENSE	28,500	28,500	-
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	20,000	20,000	-
	Total Office Expenses	399,357	416,940	17,583
Other Operating Expenses				
52401	OPR-DIRECTORS EXPENSES	35,000	25,000	(10,000)
52403	OPR-OFFICE/BUILDING RENTAL	125,736	115,508	(10,228)
52420	OPR-INSURANCE EXPENSE	43,500	43,659	159
52430	OPR-MISC EXPENSE	20,000	15,000	(5,000)
	Total Other Operating Expenses	224,236	199,167	(25,069)
	SUBTOTAL OF OPERATIONAL EXPENSES	3,559,626	4,636,367	1,076,741
Structures				
53201	M&R-BUILDING	92,500	95,000	2,500
	Total Structures	92,500	95,000	2,500

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
	Other Maintenance & Repairs			
53310	M&R-GROUNDS/ROW	140,000	140,000	-
53399	M&R-MISC EXPENSE	2,000	10	(1,990)
	Total Other Maintenance & Repairs	142,000	140,010	(1,990)
	SUBTOTAL OF M&R EXPENSES	234,500	235,010	510
	Capital Outlay			
13217	AUTO & HEAVY EQUIPMENT	160,000	-	(160,000)
13218	OFFICE FURNITURE & EQUIP	167,800	-	(167,800)
13219	MISCELLANEOUS EQUIPMENT	225,000	-	(225,000)
	Total Capital Outlay	552,800	-	(552,800)
	Transfers			
61505	TRANSFERS-DESIGNATED PROJECT FUND	325,000	-	(325,000)
	Total Transfers	325,000	-	(325,000)
	TOTAL OPERATING AND M&R EXPENSES	4,671,926	4,871,377	199,451
	Net Operating Income	(393,204)	(699,986)	(306,782)

DEBT SERVICE BUDGET

	Internal Loan Revenue			
12532	I/F LOAN PAID-DUNLAP	500,000	700,000	200,000
	Total Internal Loan Revenue	500,000	700,000	200,000
	Total Debt Revenue	500,000	700,000	200,000
	Net Change in Debt Service Budget	500,000	700,000	200,000
	Net Change in Fund Balance	106,796	14	(106,782)



H4 Dam, Suspension
Bridge and Spillhouse

Guadalupe Valley Hydroelectric

This division operates six hydroelectric plants located in Guadalupe and Gonzales counties that generate electricity for the Guadalupe Valley Electric Cooperative (GVEC). Using state of the art technology, including a microwave communication system, Seguin Control Room personnel are able to continuously monitor and operate all six hydro plants. The six hydroelectric dams are located at Lake Dunlap, Lake McQueeney, Lake Placid and Lake Nolte in Guadalupe County and at Lakes H-4 (Lake Gonzales) and H-5 (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.

-
- | | |
|--|------------------------------------|
| • Service Provided: Hydroelectric Generation | • Average Kwh Produced: 30,083,850 |
| • Location: Guadalupe/Gonzales Counties | • # of Current Employees: 17 |
| • Startup Operation Date: 1928-1932 | • Budgeted Revenue: \$1,875,074 |
| • Customer: Guadalupe Valley Electric Coop | |
| • Plant Capacity: 16 MW | |

Guadalupe Valley Hydroelectric Division

Operating Plan for Fiscal Year Ending 8/31/21

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 17 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 of \$1,875,074 for FY 2021 is a reduction from recent years due to spillgate failures at Lake Wood and Lake Dunlap. 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 21 is 27,824,000 kWh. The aggregate rate including the fixed charge and assuming "normal" river flow conditions will be 6.73¢ per kWh.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Significant expenses include personnel costs of \$1,442,675, power & utilities of \$30,000, vehicle expenses including fuel and repairs of \$55,000, engineering services of \$55,000, insurance expense of \$160,789, and maintenance and repairs of \$616,000.

Included in the work plan for FY 21 are turbine inspections to ensure maximum performance and continued reliability as well as inspections of transmission lines, circuit breakers, transformers, protective relays, and generators.

Total expenses are projected to be \$2,940,513.

FUND BALANCE

Hydroelectric power sales are insufficient to cover expenses of the operation. The budgeted deficit is projected to be <\$1,065,439>.



Staffing Summary

GV Hydroelectric	# of Authorized Positions (FTE)		
	2019	2020	2021
Senior Deputy Division Manager - Hydroelectric & Rural Utilities	1	---	---
Deputy Division Manager - Hydroelectric & Rural Utilities	1	1	1
Maintenance Supervisor	2	1	1
Electrical/Instrumentation Technician	3	---	---
Purchasing & Inventory Coordinator	1	1	1
Control Room Operator	4	4	4
Heavy Equipment Operator	1	1	1
Plant Attendant	1	1	1
Maintenance Crew	10	8	8
Total	24	17	17

Changes from FY 2019 to FY 2020

- 1-Senior Deputy Division Manager was removed.
- 3-Electrical/Instrumentation Technicians were moved to 041-Water Sales.
- 1-Maintenance Crew position was removed.
- 2-Reclassified positions from GV Hydro to Water Resource Division.

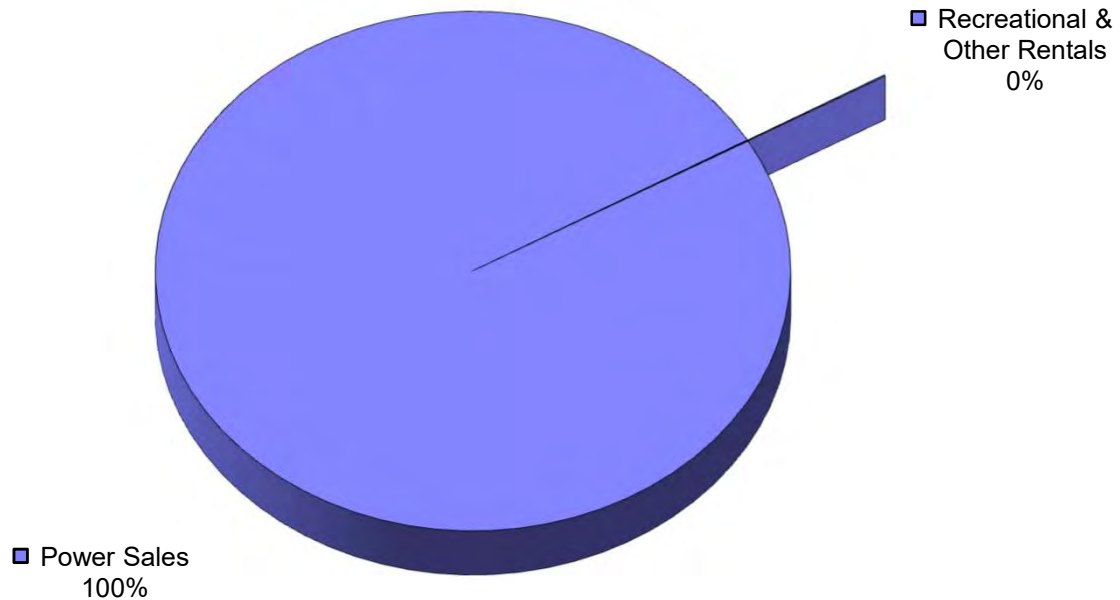
Changes from FY 2020 to FY 2021

No staffing changes for this division.



Budget Summary

REVENUES - GUADALUPE VALLEY HYDROELECTRIC

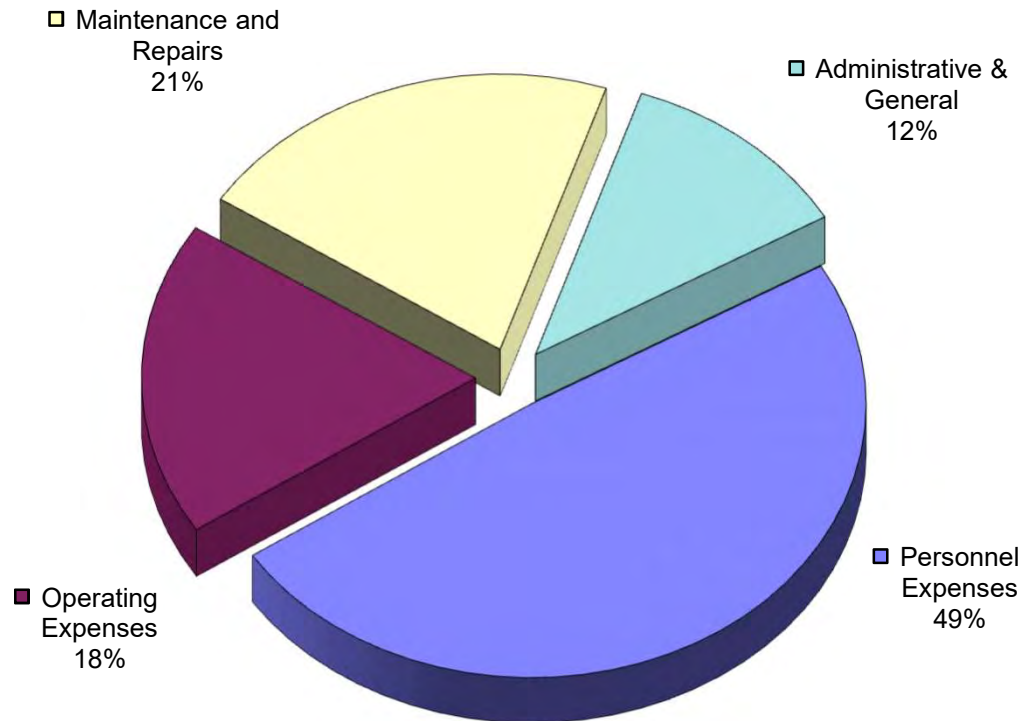


Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales	3,457,476	2,373,674	1,873,674
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals	12,459	7,400	1,400
Administrative & General			
Operating Interest	73,017		
Grant & Interlocal Agreement Income			
Miscellaneous Income	39,947	18,000	
Total Operating Revenue	3,582,899	2,399,074	1,875,074
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	3,582,899	2,399,074	1,875,074



Budget Summary

EXPENSES - GUADALUPE VALLEY HYDROELECTRIC



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	1,783,946	1,607,147	1,442,675
Operating Expenses	661,448	644,900	542,989
Maintenance and Repairs	1,337,107	537,000	616,000
Administrative & General	478,419	377,480	338,849
Capital Expense & Outlay		230,000	
Transfers			
Total Operating and M&R Expenses	4,260,920	3,396,527	2,940,513
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	4,260,920	3,396,527	2,940,513

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**021 - Guadalupe Valley Hydroelectric
Department ***

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Hydroelectric			
42701 ENERGY CHARGE	873,674	873,674	-
42702 FACILITY CHARGE	1,500,000	1,000,000	(500,000)
Total Hydroelectric	2,373,674	1,873,674	(500,000)
Recreation & Other Rentals			
42921 REV-HYDRO HOUSE RENTALS	6,000	-	(6,000)
42922 REV-AG & LAND USE	1,400	1,400	-
Total Recreation & Other Rentals	7,400	1,400	(6,000)
Misc Income			
45110 HYDRO MODIFICATION PERMITS	18,000	-	(18,000)
Total Misc Income	18,000	-	(18,000)
Total Operating Revenue	2,399,074	1,875,074	(524,000)
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	1,046,863	945,389	(101,474)
51102 LBR-OVERTIME	97,014	81,426	(15,588)
Total Salaries	1,143,877	1,026,815	(117,062)
Benefits			
51298 BEN-BENEFIT ALLOCATION	463,270	415,860	(47,410)
Total Benefits	463,270	415,860	(47,410)
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	30,000	30,000	-
52102 OPR-AUXILIARY POWER EXPENSE	1,000	3,000	2,000
52110 OPR-SMALL TOOLS AND SUPPLIES	20,000	20,000	-
52120 OPR-UNIFORMS	16,000	14,000	(2,000)
52121 OPR-SAFETY & EMERGENCY EXPENSE	35,000	25,000	(10,000)

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
52124	OPR-EQUIPMENT EXPENSE	20,000	20,000	-
52125	OPR-VEHICLE EXPENSE	65,000	55,000	(10,000)
52126	OPR-FLEET LEASE EXPENSE	28,800	9,600	(19,200)
52128	OPR-MOWING EXPENSE	65,000	-	(65,000)
52133	OPR-SCADA	15,000	15,000	-
52135	OPR-PROCESS/SPECIAL OPERATING	16,000	13,000	(3,000)
	Total Operating Supplies & Services	311,800	204,600	(107,200)
	Professional Services and Fees			
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	55,000	55,000	-
52202	OPR-PROFESSIONAL SERVICES-LEGAL	5,000	5,000	-
52205	OPR-PROFESSIONAL SERVICES-OTHER	10,000	5,000	(5,000)
52216	OPR-REGULATORY FEES	-	26,200	26,200
52222	OPR-MEMBERSHIPS & PUBLICATIONS	1,000	1,000	-
52223	OPR-LICENSE & TRAINING	15,000	10,000	(5,000)
52224	OPR-TRAVEL	2,000	3,000	1,000
	Total Professional Services and Fees	88,000	105,200	17,200
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	3,000	2,000	(1,000)
52302	OPR-COMPUTER & SOFTWARE EXPENSE	10,700	12,000	1,300
52305	OPR-POSTAGE AND FREIGHT EXPENSE	200	200	-
52306	OPR-COMMUNICATIONS	10,000	12,000	2,000
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	5,000	5,000	-
	Total Office Expenses	28,900	31,200	2,300
	Other Operating Expenses			
52403	OPR-OFFICE/BUILDING RENTAL	16,200	16,200	-
52420	OPR-INSURANCE EXPENSE	165,000	160,789	(4,211)
52430	OPR-MISC EXPENSE	35,000	25,000	(10,000)
	Total Other Operating Expenses	216,200	201,989	(14,211)
	SUBTOTAL OF OPERATIONAL EXPENSES	2,252,047	1,985,664	(266,383)
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	5,000	6,000	1,000
53105	M&R-GENERATORS	2,000	-	(2,000)
53120	M&R-BOATS	2,000	3,000	1,000
	Total Maintenance and Repair Equipment	9,000	9,000	-
	Structures			
53201	M&R-BUILDING	12,000	12,000	-
53235	M&R-TRANSMISSION LINES	110,000	350,000	240,000
53240	M&R-SPILLGATES	241,000	-	(241,000)
53245	M&R-POWERHOUSE	130,000	130,000	-

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
Total Structures	493,000	492,000	(1,000)
Other Maintenance & Repairs			
53310 M&R-GROUNDS/ROW	-	80,000	80,000
53325 M&R-GENERAL MAINTENANCE	20,000	20,000	-
53399 M&R-MISC EXPENSE	15,000	15,000	-
Total Other Maintenance & Repairs	35,000	115,000	80,000
SUBTOTAL OF M&R EXPENSES	537,000	616,000	79,000
Administrative & General			
54100 ADMINISTRATIVE & GENERAL	377,480	338,849	(38,631)
Total Administrative & General	377,480	338,849	(38,631)
Capital Outlay			
13217 AUTO & HEAVY EQUIPMENT	200,000	-	(200,000)
13219 MISCELLANEOUS EQUIPMENT	30,000	-	(30,000)
Total Capital Outlay	230,000	-	(230,000)
TOTAL OPERATING AND M&R EXPENSES	3,396,527	2,940,513	(456,014)
Net Operating Income	(997,453)	(1,065,439)	(67,986)
Net Change in Fund Balance	(997,453)	(1,065,439)	(67,986)



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 5 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: 5 |
| • # of Gallons Treated: 87,600,000 | • Budgeted Revenue: \$776,688 |

Rural Utilities Division

Shadow Creek Wastewater Reclamation Facility System

Operating Plan for Fiscal Year Ending 8/31/21

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 Chief Operator of the Shadow Creek Wastewater Reclamation System and operated by five 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 87.6 million gallons per year or 0.24 million gallons per day. The budgeted FY 2021 revenue for the Shadow Creek System is \$776,688.

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 2021 amounts to \$711,326.

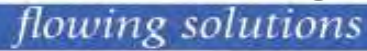
Significant operating and maintenance expenses are power costs of \$72,000, biosolids disposal of \$46,000, laboratory testing and supplies and expenses of \$26,300, and customer billing fees of 15,000 to be paid to Goforth Special Utility District for collection of monthly sewer bills from customers. Additionally, the budget includes \$16,000 for the installation of new security fencing.

With the exception of property insurance, GBRA is responsible for insurance and risk management and this budget has accordingly included \$6,751 for insurance. The budget also includes the standard administration and general cost percentage charged to all operating divisions of GBRA.

There are no capital additions budgeted for FY 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 from revenues from the customers of the system. The net change in the fund balance that GBRA anticipates in the Shadow Creek System is \$65,362.

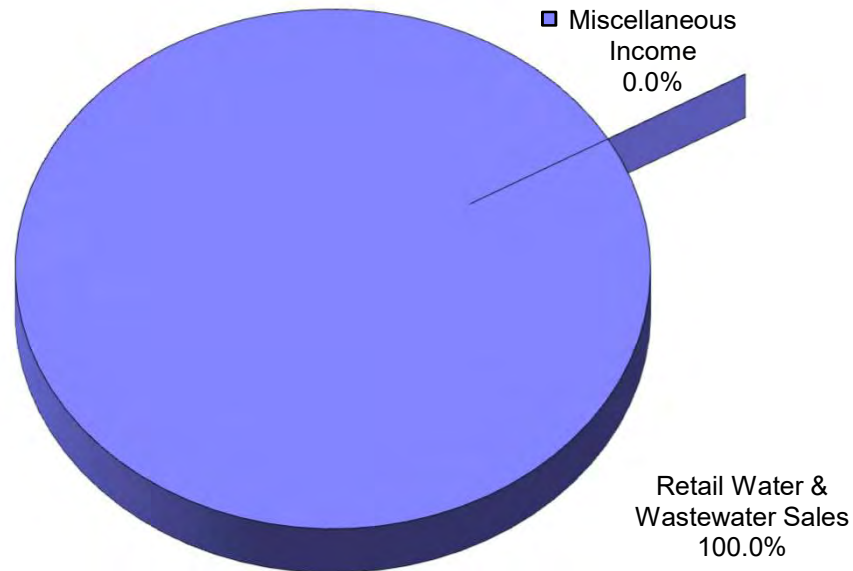
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These employees are shared between the Shadow Creek WWTP, the Sunfield WWTP and the Buda WWTP.



Budget Summary

REVENUES - SHADOW CREEK WWTP

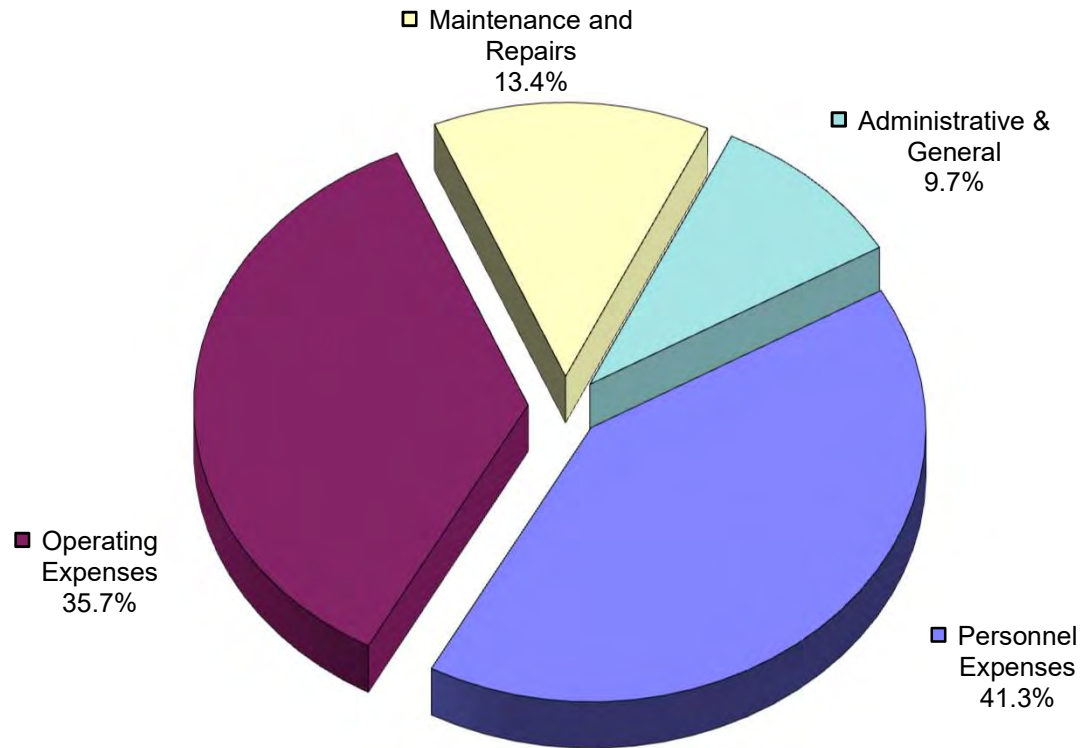


Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	736,389	766,008	776,688
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest	109		
Grant & Interlocal Agreement Income			
Miscellaneous Income	13,402		
Total Operating Revenue	749,900	766,008	776,688
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	749,900	766,008	776,688



Budget Summary

EXPENSES - SHADOW CREEK WWTP



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	183,369	277,503	293,517
Operating Expenses	204,227	230,550	253,669
Maintenance and Repairs	92,460	89,900	95,200
Administrative & General	42,459	65,179	68,940
Capital Expense & Outlay	29,983	38,000	
Transfers			
Total Operating and M&R Expenses	552,498	701,132	711,326
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	552,498	701,132	711,326

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**030 - Shadow Creek WWTP
Department ***

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	761,208	771,888	10,680
42402	SEWER CONNECTION/INSP FEES	4,800	4,800	-
	Total Retail Wastewater	766,008	776,688	10,680
	Total Operating Revenue	766,008	776,688	10,680
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	183,302	197,282	13,980
51102	LBR-OVERTIME	14,209	11,627	(2,582)
	Total Salaries	197,511	208,909	11,398
Benefits				
51298	BEN-BENEFIT ALLOCATION	79,992	84,608	4,616
	Total Benefits	79,992	84,608	4,616
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	72,000	72,000	-
52102	OPR-AUXILIARY POWER EXPENSE	5,000	5,000	-
52103	OPR-CHEMICALS	15,200	22,500	7,300
52110	OPR-SMALL TOOLS AND SUPPLIES	600	1,000	400
52113	OPR-LAB SUPPLIES	4,500	4,500	-
52114	OPR-LABORATORY SERVICES-GBRA	19,500	20,500	1,000
52115	OPR-LABORATORY SERVICES-OUTSOURCED	-	1,300	1,300
52118	OPR-DISPOSAL SERVICES	40,000	46,000	6,000
52120	OPR-UNIFORMS	2,500	2,900	400
52121	OPR-SAFETY & EMERGENCY EXPENSE	2,000	2,000	-
52123	OPR-EQUIPMENT RENTAL	12,900	21,318	8,418
52124	OPR-EQUIPMENT EXPENSE	2,600	1,000	(1,600)
52125	OPR-VEHICLE EXPENSE	5,000	5,000	-
52126	OPR-FLEET LEASE EXPENSE	1,200	6,000	4,800

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
52133	OPR-SCADA	2,800	4,300	1,500
	Total Operating Supplies & Services	185,800	215,318	29,518
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	5,000	3,000	(2,000)
52217	OPR-INSPECTION FEES	1,300	1,300	-
52219	OPR-CUSTOMER BILLING FEES	22,000	15,000	(7,000)
52222	OPR-MEMBERSHIPS & PUBLICATIONS	400	400	-
52223	OPR-LICENSE & TRAINING	2,600	2,600	-
52224	OPR-TRAVEL	2,000	2,000	-
	Total Professional Services and Fees	33,300	24,300	(9,000)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	400	500	100
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,350	1,100	(250)
52306	OPR-COMMUNICATIONS	3,500	4,500	1,000
	Total Office Expenses	5,250	6,100	850
	Other Operating Expenses			
52403	OPR-OFFICE/BUILDING RENTAL	900	900	-
52420	OPR-INSURANCE EXPENSE	5,000	6,751	1,751
52430	OPR-MISC EXPENSE	300	300	-
	Total Other Operating Expenses	6,200	7,951	1,751
	SUBTOTAL OF OPERATIONAL EXPENSES	508,053	547,186	39,133
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	5,000	5,000	-
53110	M&R-CONTROL SYSTEMS	12,000	8,000	(4,000)
53115	M&R-METERS	900	900	-
	Total Maintenance and Repair Equipment	17,900	13,900	(4,000)
	Structures			
53201	M&R-BUILDING	2,000	2,000	-
53205	M&R-PUMPS AND MOTORS	27,000	15,000	(12,000)
53210	M&R-GATES AND VALVES	6,000	6,000	-
53215	M&R-LIFTSTATIONS	12,000	12,000	-
53220	M&R-CLARIFIERS	800	800	-
53238	M&R-FILTERS	5,000	5,500	500
	Total Structures	52,800	41,300	(11,500)
	Other Maintenance & Repairs			
53310	M&R-GROUNDS/ROW	3,500	19,500	16,000
53325	M&R-GENERAL MAINTENANCE	15,000	20,500	5,500
53399	M&R-MISC EXPENSE	700	-	(700)

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
	Total Other Maintenance & Repairs	19,200	40,000	20,800
	SUBTOTAL OF M&R EXPENSES	89,900	95,200	5,300
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	65,179	68,940	3,761
	Total Administrative & General	65,179	68,940	3,761
	Capital Outlay			
13219	MISCELLANEOUS EQUIPMENT	38,000	-	(38,000)
	Total Capital Outlay	38,000	-	(38,000)
	TOTAL OPERATING AND M&R EXPENSES	701,132	711,326	10,194
	Net Operating Income	64,876	65,362	486
	Net Change in Fund Balance	64,876	65,362	486



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 6 FTE.

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|--|---|
| • 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: \$2,864,400 |
-

Rural Utilities Division

Stein Falls Wastewater Treatment Plant System

Operating Plan for Fiscal Year Ending 8/31/21

BACKGROUND

The Stein Falls Wastewater Reclamation facility is permitted by the Texas Commission on Environmental Quality to dispose of treated domestic wastewater effluent at a daily average flow not to exceed 950,000 gallons per day. Due to growth with the area, the collection system will be expanded in FY 21 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 \$1,506,600 and total connection fee income is \$1,357,800 for a total of \$2,864,400 in FY 21.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The following Work Plan and Budget describes the operations and maintenance to be performed during FY 21 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 provides 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 \$812,014, power & utilities of \$70,000, chemical costs of \$20,000, interdivisional equipment rentals of \$53,868 including belt press and hydro jetter camera, engineering services of \$50,000 and maintenance & repairs of \$173,500.

Total operating expenses are projected to decrease by \$374,338 or 19.5% in FY 21.

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 21 budgeted expenditures and receiving the above listed funding sources is \$441,506.



Stein Falls WWTPs	# of Authorized Positions (FTE)		
	2019	2020	2021
Chief Operator	1	1	1
Operator	5	5	5
Total	6	6	6

Changes from FY 2019 to FY 2020

1-Belt Press Operator position was added.

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

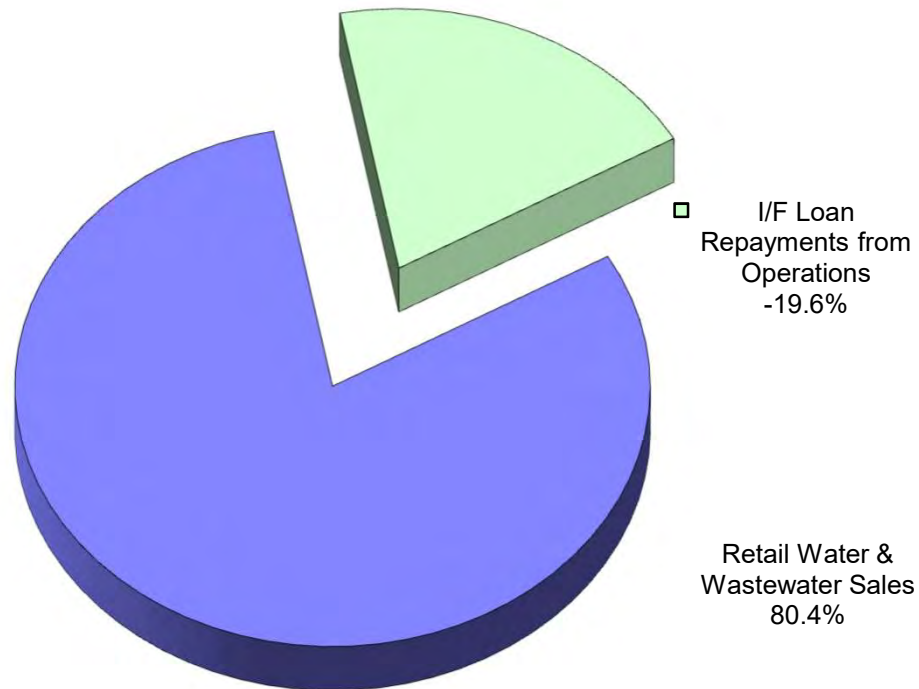
Changes from FY 2020 to FY 2021

No staffing changes for this division.



Budget Summary

REVENUES - STEIN FALLS WWTP

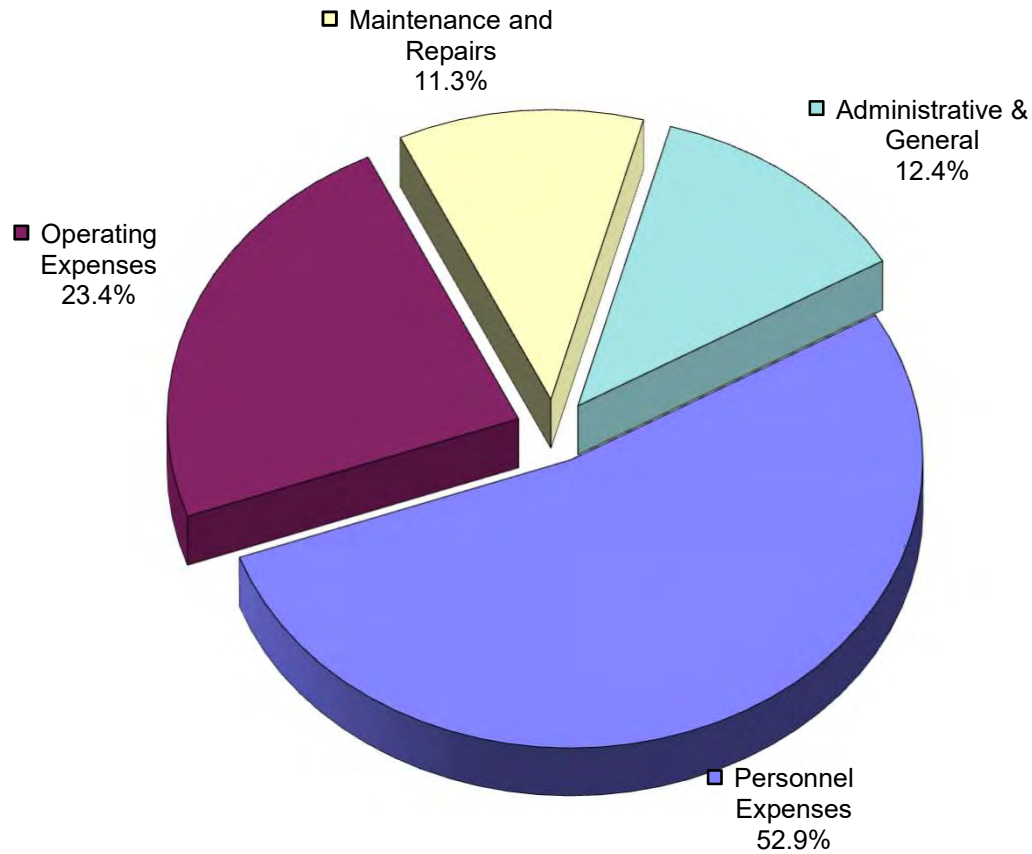


Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	2,002,192	2,610,200	2,864,400
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest	2,685		
Grant & Interlocal Agreement Income			
Miscellaneous Income	3,308		
Total Operating Revenue	2,008,185	2,610,200	2,864,400
Capacity Charge Revenue			
I/F Loan Repayments from Operations		(500,000)	(700,000)
Grand Total Revenues	2,008,185	2,110,200	2,164,400



Budget Summary

EXPENSES - STEIN FALLS WWTP



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	328,915	684,089	812,014
Operating Expenses	332,633	294,270	359,461
Maintenance and Repairs	97,101	146,000	173,500
Administrative & General	75,550	160,676	190,722
Capital Expense & Outlay			
Transfers		625,000	
Total Operating and M&R Expenses	834,199	1,910,035	1,535,697
Debt Service-Principal		124,067	124,384
Debt Service-Interest		66,968	62,813
Grand Total Expenses	834,199	2,101,070	1,722,894

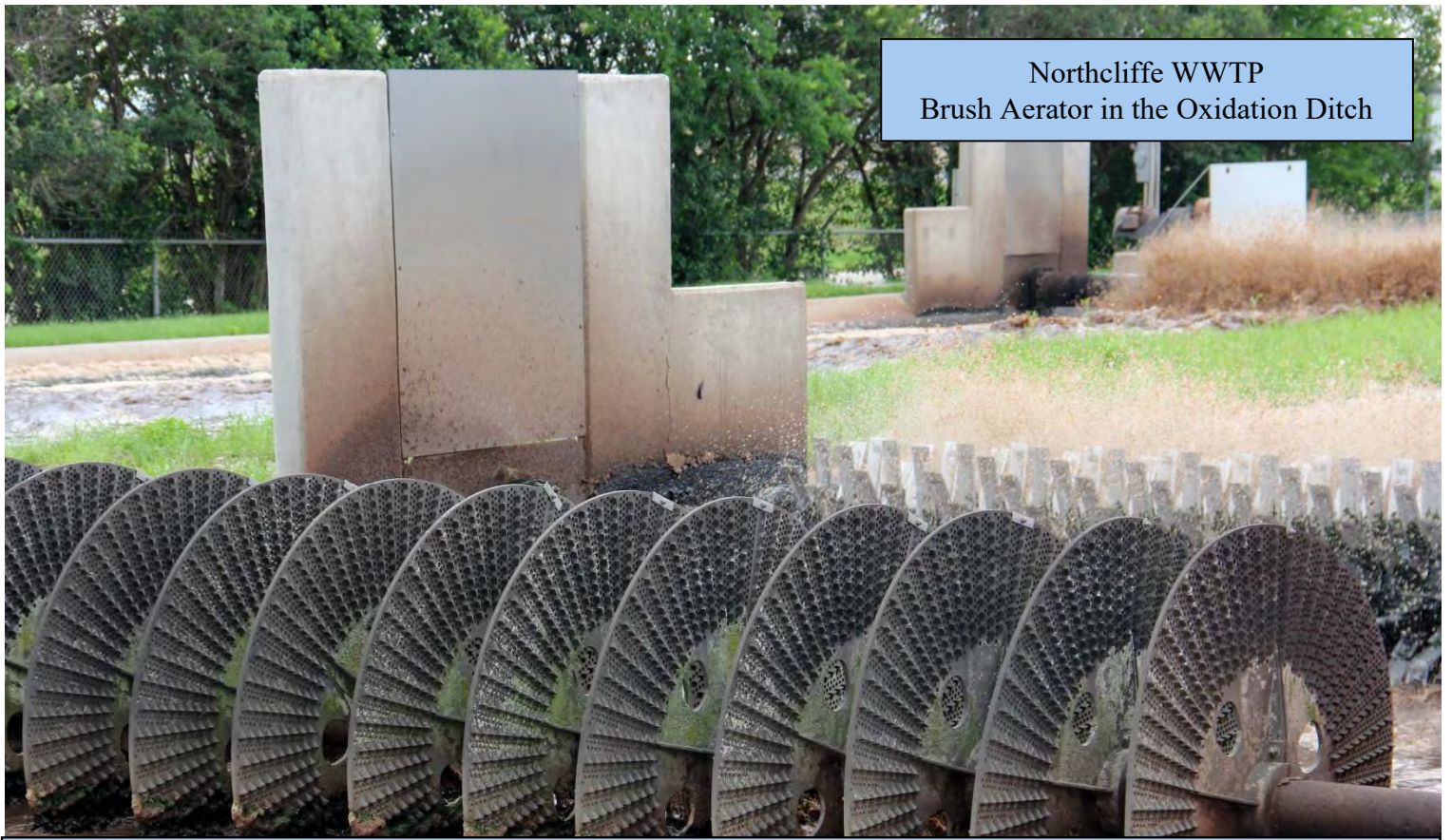
**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**033 - Stein Falls WWTP
Department ***

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Retail Wastewater			
42401 WASTEWATER SERVICES	1,543,800	1,506,600	(37,200)
42402 SEWER CONNECTION/INSP FEES	1,066,400	1,357,800	291,400
Total Retail Wastewater	2,610,200	2,864,400	254,200
Total Operating Revenue	2,610,200	2,864,400	254,200
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	475,010	548,196	73,186
51102 LBR-OVERTIME	11,886	29,750	17,864
Total Salaries	486,896	577,946	91,050
Benefits			
51298 BEN-BENEFIT ALLOCATION	197,193	234,068	36,875
Total Benefits	197,193	234,068	36,875
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	70,000	70,000	-
52102 OPR-AUXILIARY POWER EXPENSE	7,000	15,000	8,000
52103 OPR-CHEMICALS	22,000	20,000	(2,000)
52110 OPR-SMALL TOOLS AND SUPPLIES	1,000	2,000	1,000
52113 OPR-LAB SUPPLIES	11,000	11,000	-
52114 OPR-LABORATORY SERVICES-GBRA	15,000	15,000	-
52118 OPR-DISPOSAL SERVICES	12,000	9,000	(3,000)
52120 OPR-UNIFORMS	1,400	2,500	1,100
52121 OPR-SAFTY & EMERGENCY EXPENSE	3,000	5,000	2,000
52123 OPR-EQUIPMENT RENTAL	13,634	53,868	40,234
52124 OPR-EQUIPMENT EXPENSE	1,500	1,500	-
52125 OPR-VEHICLE EXPENSE	9,000	9,000	-
52126 OPR-FLEET LEASE EXPENSE	9,600	19,200	9,600
52133 OPR-SCADA	2,000	4,300	2,300

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
Total Operating Supplies & Services	178,134	237,368	59,234
Professional Services and Fees			
52201 OPR-PROFESSIONAL SERVICES-ENGINEERING	50,000	50,000	-
52205 OPR-PROFESSIONAL SERVICES-OTHER	4,000	5,200	1,200
52217 OPR-INSPECTION FEES	6,000	10,000	4,000
52219 OPR-CUSTOMER BILLING FEES	21,000	21,000	-
52220 OPR-BANK FEES	2,500	-	(2,500)
52222 OPR-MEMBERSHIPS & PUBLICATIONS	400	400	-
52223 OPR-LICENSE & TRAINING	2,000	3,000	1,000
52224 OPR-TRAVEL	400	1,000	600
Total Professional Services and Fees	86,300	90,600	4,300
Office Expenses			
52301 OPR-OFFICE SUPPLIES	500	750	250
52302 OPR-COMPUTER & SOFTWARE EXPENSE	2,500	3,700	1,200
52305 OPR-POSTAGE AND FREIGHT EXPENSE	100	150	50
52306 OPR-COMMUNICATIONS	2,000	2,300	300
Total Office Expenses	5,100	6,900	1,800
Other Operating Expenses			
52403 OPR-OFFICE/BUILDING RENTAL	2,736	-	(2,736)
52420 OPR-INSURANCE EXPENSE	17,000	20,593	3,593
52430 OPR-MISC EXPENSE	5,000	4,000	(1,000)
Total Other Operating Expenses	24,736	24,593	(143)
SUBTOTAL OF OPERATIONAL EXPENSES	978,359	1,171,475	193,116
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	10,000	10,000	-
53105 M&R-GENERATORS	5,000	-	(5,000)
53110 M&R-CONTROL SYSTEMS	3,000	3,500	500
Total Maintenance and Repair Equipment	18,000	13,500	(4,500)
Structures			
53201 M&R-BUILDING	1,000	2,000	1,000
53205 M&R-PUMPS AND MOTORS	10,000	10,000	-
53210 M&R-GATES AND VALVES	4,000	4,000	-
53215 M&R-LIFTSTATIONS	28,000	40,000	12,000
53220 M&R-CLARIFIERS	5,000	4,000	(1,000)
Total Structures	48,000	60,000	12,000
Other Maintenance & Repairs			
53325 M&R-GENERAL MAINTENANCE	70,000	90,000	20,000
53399 M&R-MISC EXPENSE	10,000	10,000	-

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
	Total Other Maintenance & Repairs	80,000	100,000	20,000
	SUBTOTAL OF M&R EXPENSES	146,000	173,500	27,500
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	160,676	190,722	30,046
	Total Administrative & General	160,676	190,722	30,046
	Transfers			
61505	TRANSFERS-DESIGNATED PROJECT FUND	625,000	-	(625,000)
	Total Transfers	625,000	-	(625,000)
	TOTAL OPERATING AND M&R EXPENSES	1,910,035	1,535,697	(374,338)
	Net Operating Income	700,165	1,328,703	628,538
DEBT SERVICE BUDGET				
	Internal Loan Revenue			
24201	I/F LOAN-GENERAL	(500,000)	(700,000)	(200,000)
	Total Internal Loan Revenue	(500,000)	(700,000)	(200,000)
	Total Debt Revenue	(500,000)	(700,000)	(200,000)
	Principal Payments Expense			
21106	LOAN-2012 DUNLAP EXP, Regions	115,000	115,000	-
21109	LOAN-2016 GENERATOR, WFargo	9,067	9,384	317
	Total Principal Payments Expense	124,067	124,384	317
	Interest Expense			
57101	INT-LONG TERM LOANS	64,546	60,708	(3,838)
57209	INT-2014 DUNLAP, Generator	2,422	2,105	(317)
	Total Interest Expense	66,968	62,813	(4,155)
	Total Debt Expense	191,035	187,197	(3,838)
	Net Change in Debt Service Budget	(691,035)	(887,197)	(196,162)
	Net Change in Fund Balance	9,130	441,506	432,376



Northcliffe WWTP
Brush Aerator in the Oxidation Ditch

Northcliffe WWTP

The Northcliffe Wastewater Reclamation System was decommissioned in Fiscal Year 2020 and included in Fiscal Year 2021's Budget only for comparative purposes.

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**034 - Northcliffe WWTP
Department ***

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wastewater Treatment				
41201	WW-OPR & MAINTENANCE	115,592	-	(115,592)
	Total Wastewater Treatment	115,592	-	(115,592)
	Total Operating Revenue	115,592	-	(115,592)
OPERATING EXPENSES				
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	20,000	-	(20,000)
52102	OPR-AUXILIARY POWER EXPENSE	1,000	-	(1,000)
52103	OPR-CHEMICALS	3,500	-	(3,500)
52110	OPR-SMALL TOOLS AND SUPPLIES	1,000	-	(1,000)
52113	OPR-LAB SUPPLIES	7,000	-	(7,000)
52114	OPR-LABORATORY SERVICES-GBRA	7,000	-	(7,000)
52118	OPR-DISPOSAL SERVICES	12,000	-	(12,000)
52120	OPR-UNIFORMS	700	-	(700)
52121	OPR-SAFETY & EMERGENCY EXPENSE	2,000	-	(2,000)
52124	OPR-EQUIPMENT EXPENSE	1,000	-	(1,000)
52125	OPR-VEHICLE EXPENSE	5,000	-	(5,000)
52133	OPR-SCADA	2,500	-	(2,500)
	Total Operating Supplies & Services	62,700	-	(62,700)
Professional Services and Fees				
52205	OPR-PROFESSIONAL SERVICES-OTHER	1,000	-	(1,000)
52217	OPR-INSPECTION FEES	3,000	-	(3,000)
52222	OPR-MEMBERSHIPS & PUBLICATIONS	100	-	(100)
52223	OPR-LICENSE & TRAINING	1,400	-	(1,400)
52224	OPR-TRAVEL	300	-	(300)
	Total Professional Services and Fees	5,800	-	(5,800)
Office Expenses				
52301	OPR-OFFICE SUPPLIES	500	-	(500)

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
52302 OPR-COMPUTER & SOFTWARE EXPENSE	1,100	-	(1,100)
52306 OPR-COMMUNICATIONS	500	-	(500)
Total Office Expenses	2,100	-	(2,100)
Other Operating Expenses			
52403 OPR-OFFICE/BUILDING RENTAL	17,292	-	(17,292)
52420 OPR-INSURANCE EXPENSE	2,600	-	(2,600)
52430 OPR-MISC EXPENSE	2,000	-	(2,000)
Total Other Operating Expenses	21,892	-	(21,892)
SUBTOTAL OF OPERATIONAL EXPENSES	92,492	-	(92,492)
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	4,000	-	(4,000)
53105 M&R-GENERATORS	2,000	-	(2,000)
53110 M&R-CONTROL SYSTEMS	2,000	-	(2,000)
Total Maintenance and Repair Equipment	8,000	-	(8,000)
Structures			
53201 M&R-BUILDING	100	-	(100)
53205 M&R-PUMPS AND MOTORS	4,000	-	(4,000)
53210 M&R-GATES AND VALVES	1,000	-	(1,000)
53215 M&R-LIFTSTATIONS	1,000	-	(1,000)
53220 M&R-CLARIFIERS	1,000	-	(1,000)
Total Structures	7,100	-	(7,100)
Other Maintenance & Repairs			
53325 M&R-GENERAL MAINTENANCE	6,000	-	(6,000)
53399 M&R-MISC EXPENSE	2,000	-	(2,000)
Total Other Maintenance & Repairs	8,000	-	(8,000)
SUBTOTAL OF M&R EXPENSES	23,100	-	(23,100)
TOTAL OPERATING AND M&R EXPENSES	115,592	-	(115,592)
Net Operating Income	-	-	-
Net Change in Fund Balance	-	-	-



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Sunfield WWTP

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

The system is served by a staff of 7 employees who also operate wastewater treatment plants in the City of Buda and the Shadow Creek subdivision.

-
- | | |
|--|--|
| • Service Provided: Wastewater treatment | • Startup Operation Date: October 23, 2009 |
| • Service Area: Hays County | • Budgeted Revenue: \$743,409 |
| • # of Gallons Treated: 135,000,000 | |

Rural Utilities Division

Sunfield Wastewater Treatment Plant System

Operating Plan for Fiscal Year Ending 8/31/21

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 Chief Operator of the Shadow Creek Wastewater Reclamation System and operated by five 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. In this work plan, the Sunfield Wastewater Treatment Plant will be managed by existing GBRA professionals located in Seguin.

REVENUE SOURCES AND TRENDS

An operating agreement was signed with 2428 Partners L.P. and the Sunfield Municipal Utility District #4 (District) in June 2006. The plant has a permitted capacity of 0.50 million gallons per day (MGD). The contract between 2428 Partners L.P., the District, and GBRA 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.

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 2021. The budgeted revenue for the Sunfield System is \$743,409 and is based on a 12 month year beginning September 1st and ending August 31st. Since 2428 Partners funded the plant construction, no debt service is included in this budget.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The total operating and maintenance expenditures budgeted are \$743,409.

In addition to personnel costs, other significant operating and maintenance expenses are power and utility expenses of \$75,000, chemical expenses of \$22,500, biosolids disposal of \$36,000, laboratory expenses of \$21,700, and engineering expense of \$60,000. The Sunfield WWTP also shares the expense for the use of a mobile belt press, jetter, and lateral line video equipment. These are included in the equipment rental line.

The budget includes the standard administration and general percentage charged to all operating divisions of GBRA and the budget for this expense is \$67,092.

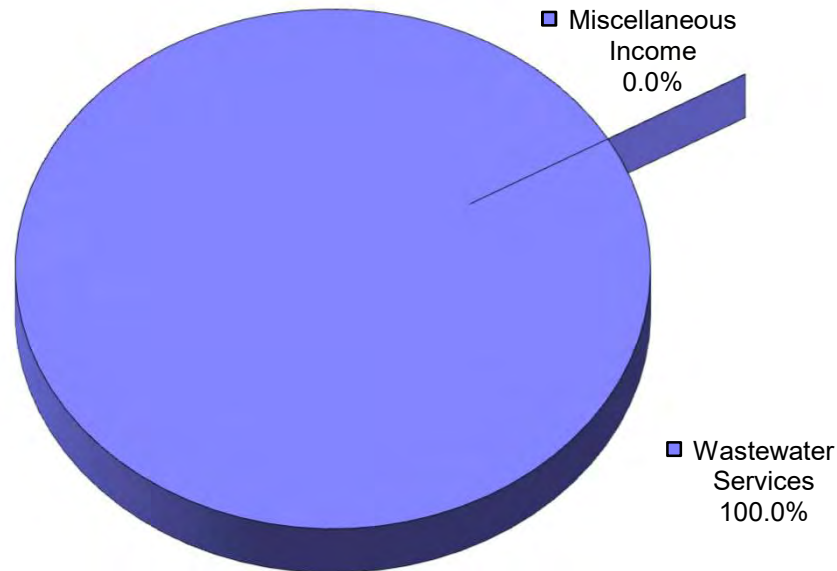
FUND BALANCE

Funds for the above listed operating and maintenance expenditures that are summarized in the following pages will be provided from revenues from the District. 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 2021 is \$0.



Budget Summary

REVENUES - SUNFIELD WWTP

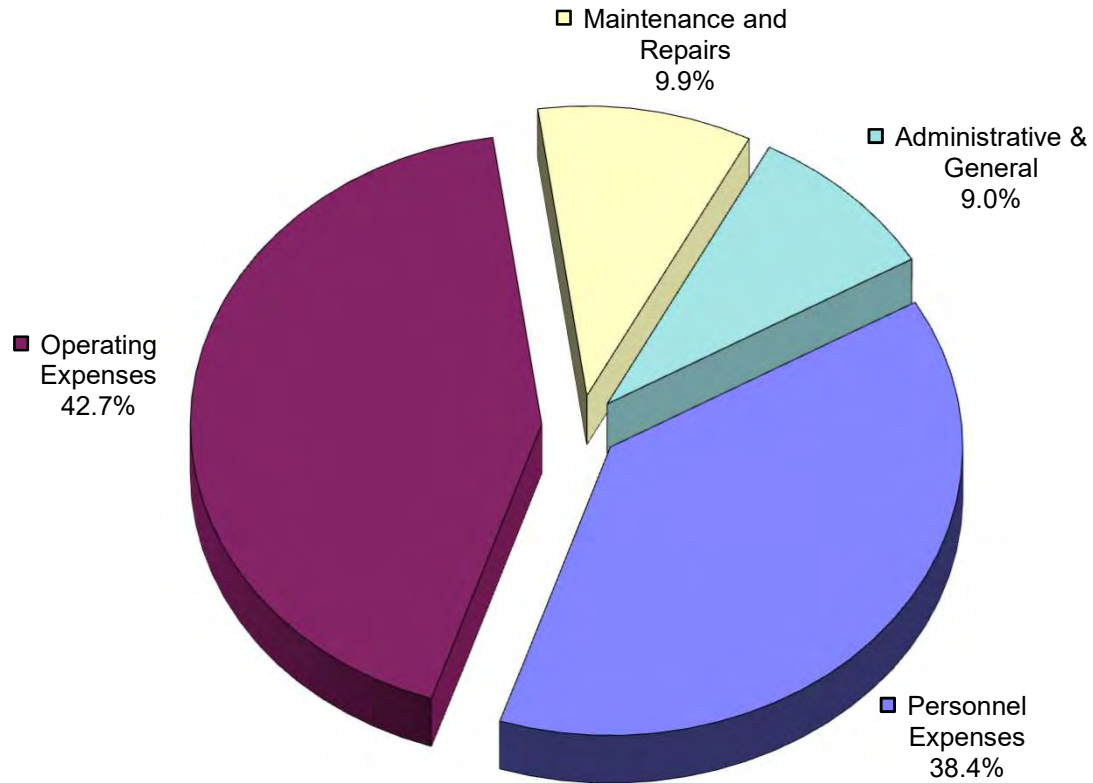


Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services	318,944	720,728	743,409
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	318,944	720,728	743,409
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	318,944	720,728	743,409



Budget Summary

EXPENSES - SUNFIELD WWTP



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	92,333	169,229	285,648
Operating Expenses	151,776	271,851	317,269
Maintenance and Repairs	53,148	239,900	73,400
Administrative & General	21,687	39,748	67,092
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	318,944	720,728	743,409
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	318,944	720,728	743,409

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**037 - Sunfield WWTP
Department ***

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wastewater Treatment				
41201	WW-OPR & MAINTENANCE	680,980	676,317	(4,663)
41202	WW-ADMINISTRATIVE & GENERAL	39,748	67,092	27,344
	Total Wastewater Treatment	720,728	743,409	22,681
	Total Operating Revenue	720,728	743,409	22,681
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	113,775	190,848	77,073
51102	LBR-OVERTIME	6,673	12,460	5,787
	Total Salaries	120,448	203,308	82,860
Benefits				
51298	BEN-BENEFIT ALLOCATION	48,781	82,340	33,559
	Total Benefits	48,781	82,340	33,559
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	79,000	75,000	(4,000)
52102	OPR-AUXILIARY POWER EXPENSE	6,300	5,000	(1,300)
52103	OPR-CHEMICALS	23,000	22,500	(500)
52110	OPR-SMALL TOOLS AND SUPPLIES	500	700	200
52113	OPR-LAB SUPPLIES	4,500	2,000	(2,500)
52114	OPR-LABORATORY SERVICES-GBRA	19,500	20,500	1,000
52115	OPR-LABORATORY SERVICES-OUTSOURCED	-	1,200	1,200
52118	OPR-DISPOSAL SERVICES	26,000	36,000	10,000
52121	OPR-SAFETY & EMERGENCY EXPENSE	3,000	3,000	-
52123	OPR-EQUIPMENT RENTAL	24,401	43,990	19,589
52125	OPR-VEHICLE EXPENSE	-	1,000	1,000
52126	OPR-FLEET LEASE EXPENSE	1,200	16,728	15,528
52133	OPR-SCADA	2,800	4,300	1,500
	Total Operating Supplies & Services	190,201	231,918	41,717

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
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	1,300	1,600	300
52222 OPR-MEMBERSHIPS & PUBLICATIONS	100	100	-
52224 OPR-TRAVEL	2,000	2,000	-
Total Professional Services and Fees	65,900	66,200	300
Office Expenses			
52301 OPR-OFFICE SUPPLIES	300	400	100
52302 OPR-COMPUTER & SOFTWARE EXPENSE	250	1,150	900
52306 OPR-COMMUNICATIONS	1,300	1,400	100
Total Office Expenses	1,850	2,950	1,100
Other Operating Expenses			
52403 OPR-OFFICE/BUILDING RENTAL	900	900	-
52420 OPR-INSURANCE EXPENSE	7,000	9,301	2,301
52430 OPR-MISC EXPENSE	6,000	6,000	-
Total Other Operating Expenses	13,900	16,201	2,301
SUBTOTAL OF OPERATIONAL EXPENSES	441,080	602,917	161,837
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	5,500	5,500	-
53110 M&R-CONTROL SYSTEMS	7,000	8,000	1,000
53115 M&R-METERS	1,000	1,000	-
Total Maintenance and Repair Equipment	13,500	14,500	1,000
Structures			
53201 M&R-BUILDING	5,000	5,000	-
53205 M&R-PUMPS AND MOTORS	6,600	10,000	3,400
53210 M&R-GATES AND VALVES	2,000	2,000	-
53215 M&R-LIFTSTATIONS	6,200	10,000	3,800
53220 M&R-CLARIFIERS	700	1,000	300
53238 M&R-FILTERS	700	700	-
Total Structures	21,200	28,700	7,500
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	200,000	25,000	(175,000)
Total Other Maintenance & Repairs	205,200	30,200	(175,000)
SUBTOTAL OF M&R EXPENSES	239,900	73,400	(166,500)

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	<u>39,748</u>	<u>67,092</u>	<u>27,344</u>
	Total Administrative & General	<u>39,748</u>	<u>67,092</u>	<u>27,344</u>
	TOTAL OPERATING AND M&R EXPENSES	<u>720,728</u>	<u>743,409</u>	<u>22,681</u>
	Net Operating Income	<u>-</u>	<u>-</u>	<u>-</u>
	Net Change in Fund Balance	<u>-</u>	<u>-</u>	<u>-</u>

Canyon Lake Release at
5,000 cfs



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: 62 |
| • Location: Canyon Lake, TX | • Budgeted Operating Revenue: |
| • Startup Operation Date: 1964 | \$20,252,136 |
| • Service Area: Guadalupe River Basin | |

Water Resources Division

Water Sales System

Operating Plan for Fiscal Year Ending 8/31/21

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 the reservoir storage behind Canyon Dam. 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 Systems (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. The Texas Commission on Environmental Quality (TCEQ) accredited environmental laboratory 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 \$151.00 per acre-foot per year for FY 2021. This is the same rate as adopted in FY 2019. Total water sales revenues excluding "water delivery and pipeline operations" for FY 2021 are projected at \$15,138,741.

GBRA receives revenue in this Division from customer groups associated with three distinct self-supporting operations. They include the operations and associated debt service for the Regional Raw Water Pipeline, the IH35 Treated Water Pipeline and debt service for GBRA's Western Canyon Project. Revenue for debt service and operations of the water delivery systems during FY 2021 is estimated at \$3,395,538. Revenue for the reimbursement of debt service payments from customers of GBRA's Western Canyon Project is estimated to total \$5,320,337.

Grant and interlocal revenue is estimated at \$759,486. Laboratory revenues total \$866,000, while investment income is estimated at \$15,000.

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 \$140,400 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 2021, operating costs for professional fees is budgeted at \$3,542,000.

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 \$804,150 and cover pipeline and pump repairs 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 \$180,000 and include the purchase of a backhoe and forestry cutter for the Diversion system and monument/wayfinding signs for the Canyon Gorge.

Funding for special studies including zebra mussel mitigation, hydraulic modeling, and the continuation of the Kendall County regional wastewater evaluation are also included as part of the FY 21 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 2021 is \$0.



Staffing Summary

Water Supply	# of Authorized Positions (FTE)		
	2019	2020	2021
Executive Mgr. of Operations & Water Quality	1	1	1
Executive Manager of Engineering	1	1	1
Executive Mgr. of Environmental Science & Community Affairs	1	1	1
Deputy Executive Mgr of Operations & Water Quality	2	1	1
Manager of Project Engineering	1	---	---
Division Manager - Calhoun/Refugio Counties	1	1	1
Division Manager - Hays/Caldwell Operations	1	1	1
Division Manager - Hydroelectric & Rural Utilities	1	1	1
Division Manager - Western Canyon Operations	1	1	1
Executive Director of Guadalupe Blanco River Trust	1	---	---
Executive Director of SA Bay Foundation	1	---	---
Project Manager	1	1	1
Engineer	3	4	4
Project & Community Representative	1	1	1
Regional Representative	1	1	1
Aquatic Biologist	1	1	1
Electrical/Instrumentation Technician Supervisor/Analysts	---	2	2
Assistant Chief Ranger	1	1	1
Electrical/Instrumentation Technician	---	6	6
Hydrologist/Technician	0.5	0.5	0.5
Project Coordinator	1	---	---
Chief Science Officer	---	---	1
Clean Rivers Supervisor	1	1	1
Facilities Technician	1	1	1
Engineering Assistant	1	1	1
Construction Inspector	3	5	5
Natural Resource Specialist	1	1	1
Senior Environmental Services Assistant	---	1	1
Maintenance Technician	1	1	1
Utilities Accounts Assistant	1	1	1
Water Quality Technician	1	1	1
Park Ranger	1	2	2
Gorge, Administrative Assistant	1	1	1
Administrative Assistant	1	---	---
Gorge, Land Management/Maintenance	1	---	---
Gorge, Program Assistant (P/T)	---	2.5	2.5
Asset Management	---	1	1
Maintenance Crew: WW Collections, Pipelines, ROW	---	6	6
Resource Management Maint Tech	---	1	1
Subtotal	35.5	52	53



Staffing Summary

041-Laboratory	# of Authorized Positions (FTE)		
	2019	2020	2021
Lab Director	1	1	1
Deputy Lab Director	1	---	---
Quality Assurance Officer	1	1	1
Customer Project Manager	1	1	1
Laboratory Technician	6	6	6
Subtotal	10	9	9
Grand Total	45.5	61	62

Changes from FY 2019 to FY 2020

- 2-Maintenance Crew-Wastewater Collection positions were added.
- 2-Maintenance Crew-Pipeline, Resource Managment positions were added.
- 1-Resource Managment position was added.
- 1-Asset Management position was added.
- 3-Construction/Electric Inspectors were added.
- 1-Engineer was added.
- 1-Electrical/Instrumentation Technician Supervisor was added.
- 5-Electrical/Instrumentation Technicians were added from other divisions.
- 1-Environmental Services Assistant was added.
- 1-Gorge, Park Ranger position was added.
- 2.5-Gorge, P/T Camp Counselor positoin was added.
- 1-Deputy Lab Director position was removed.
- 1-Manager of Project Engineering position was removed.
- 1-Director of SA Bay Foundation was removed.
- 1-Gorge, Land Management positon was removed.
- 2-Reclassified positions from GV Hydro to Water Resource Division.
- 1-Reclassified Water Tender from Canal to Water Resources.
- 4-Reclassified positions from Water Resources to General Division.

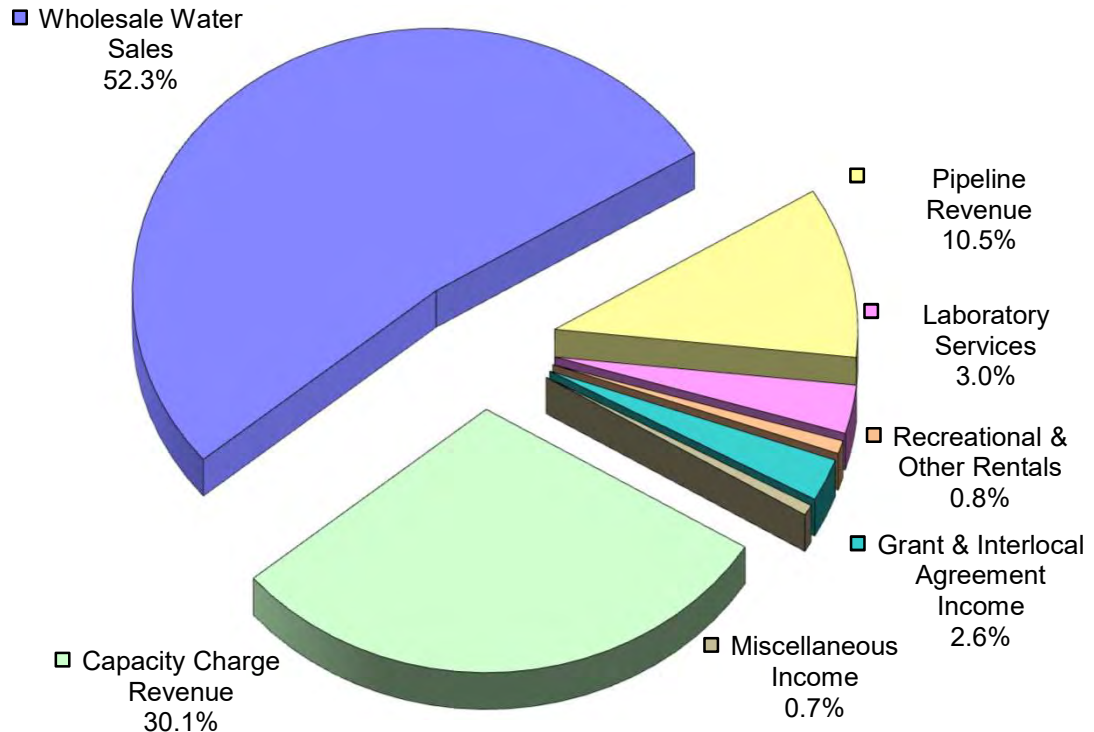
Changes from FY 2020 to FY 2021

- 1-Chief Science Officer position was added.



Budget Summary

REVENUES - WATER SALES

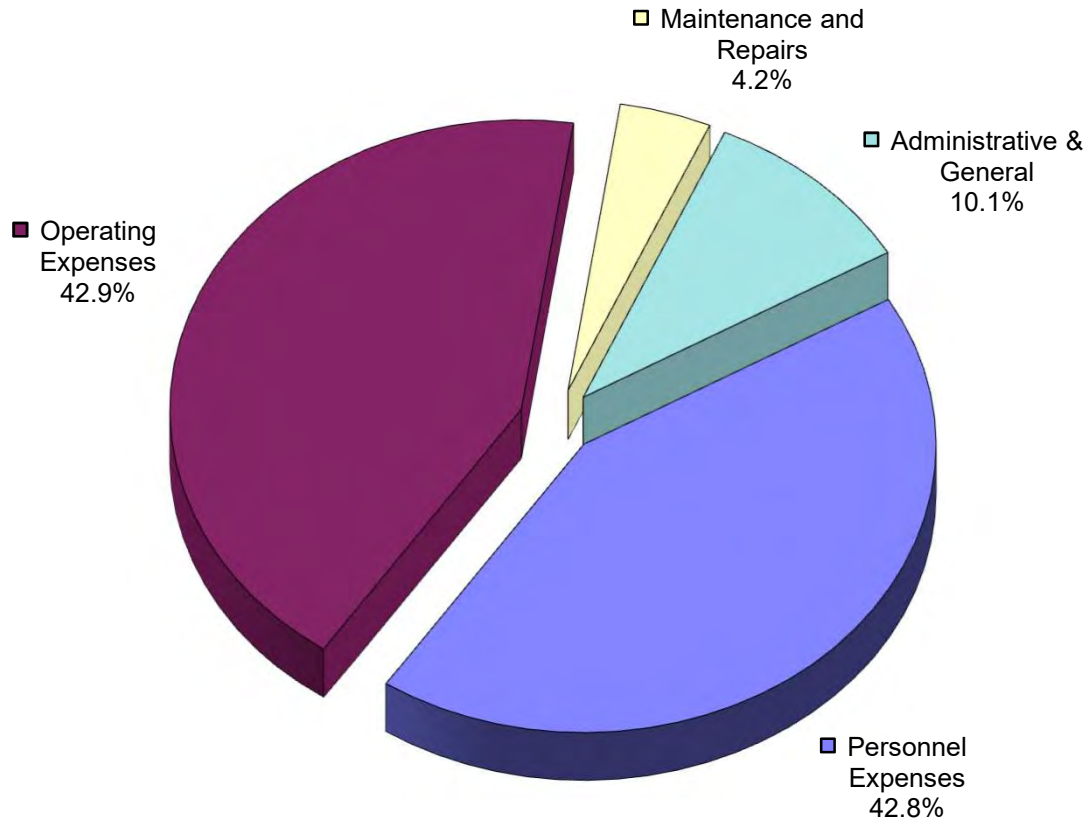


Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales	14,300,108	14,874,955	15,138,741
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue	2,242,196	2,524,842	3,049,741
Industrial Services			
Laboratory Services	855,348	877,800	866,000
Recreational & Other Rentals	126,560	226,459	232,764
Administrative & General			
Operating & Restricted Interest	734,717	420,000	15,000
Grant & Interlocal Agreement Income	632,641	709,280	759,486
Miscellaneous Income	432,510	245,404	190,404
Total Operating Revenue	19,324,080	19,878,740	20,252,136
Capacity Charge Revenue	8,593,769	8,709,340	8,715,875
I/F Loan Repayments from Operations			
Grand Total Revenues	27,917,849	28,588,080	28,968,011



Budget Summary

EXPENSES - WATER SALES



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	6,734,963	8,375,508	8,148,184
Operating Expenses	5,119,277	8,995,812	8,154,189
Maintenance and Repairs	777,630	664,680	804,150
Administrative & General	1,567,181	1,967,203	1,913,808
Capital Expense & Outlay	278,006	108,000	180,000
Transfers		(1,043,718)	954,396
Total Operating and M&R Expenses	14,477,057	19,067,485	20,154,727
Debt Service-Principal	5,589,062	5,321,569	5,044,825
Debt Service-Interest	4,289,686	4,199,026	3,768,459
Grand Total Expenses	24,355,805	28,588,080	28,968,011

Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021

041 - Water Sales
Department *

		FY 2020	FY 2021	FY 2021-2020
		BUDGET	BUDGET	DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wholesale Raw Water Sales				
42102	CANYON-INEOS	165,733	291,883	126,150
42103	CANYON-PORT LAVACA WTP	269,995	338,240	68,245
42104	CANYON-CCRWSC	41,735	72,631	30,896
42105	CANYON-CITY OF SEGUIN	150,667	151,000	333
42106	CANYON-GONZALES COUNTY WSC	52,733	-	(52,733)
42107	CANYON-SPRINGS HILL WSC	429,400	483,200	53,800
42108	CANYON-REBECCA CREEK MUD	19,587	19,630	43
42109	CANYON-CRWA-HAYS CO, SAN MARCOS	307,059	307,738	679
42110	CANYON-SEADRIFT COKE	50,323	50,434	111
42111	CANYON-UNION CARBIDE	15,067	15,100	33
42112	CANYON-STANDARD GYPSUM	38,872	38,958	86
42113	CANYON-CMS STEEL	105,467	105,700	233
42114	CANYON-NEW BRAUNFELS UTILITIES	2,293,147	2,298,220	5,073
42115	CANYON-CRYSTAL CLEAR WSC	120,533	120,800	267
42116	CANYON-CANYON REGIONAL WATER AUTH	1,790,172	1,797,469	7,297
42117	CANYON-CANYON LAKE WSC	964,266	966,400	2,134
42118	CANYON-CITY OF SAN MARCOS	1,506,667	1,510,000	3,333
42119	CANYON-GUADALUPE POWER PARTNERS	1,030,560	1,032,840	2,280
42120	CANYON-CITY OF KYLE	820,079	821,893	1,814
42121	CANYON-GREEN VALLEY SUD	150,667	151,000	333
42122	CANYON-HAYS ENERGY LTD PARTNERSHIP	371,243	372,064	821
42123	CANYON-CITY OF FAIR OAKS	278,733	279,350	617
42124	CANYON-SAN ANTONIO WATER SYSTEMS	1,055,440	1,060,341	4,901
42125	CANYON-CITY OF BOERNE	544,057	545,261	1,204
42126	CANYON-GBRA-COMAL TRACE	12,053	12,080	27
42127	CANYON-SAN JOSE-PARK VILLAGE	48,515	48,622	107
42128	CANYON-JACQUELYN COUSER	15,067	15,100	33
42129	CANYON-BREMER RANCH, LTD	15,067	15,100	33
42130	CANYON-CITY OF BLANCO	90,400	90,600	200
42131	CANYON-FORESIGHT	43,693	43,790	97
42132	CANYON-CORDILLERA RANCH, LTD	226,000	226,500	500
42133	CANYON-KENDALL COUNTY/TAPATIO SPRINGS	113,000	113,250	250

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
42134	CANYON-CITY OF BUDA	253,120	253,680	560
42135	CANYON-DH INV-JOHNSON RANCH	135,600	135,900	300
42136	CANYON-GOFORTH SUD	456,068	457,077	1,009
42137	CANYON-HH RANCH PROPERTIES	37,667	37,750	83
42138	CANYON-SUNFIELD	174,623	175,009	386
42139	CANYON-MONARCH UTILITIES, LP	84,373	84,560	187
42140	CANYON-MIRALOMAS MUD	113,000	113,250	250
42141	CANYON-SMALL WATER SALES	54,157	55,971	1,814
42150	WOMACK-NEW BRAUNFELS UTILITIES	430,350	430,350	-
	Total Wholesale Raw Water Sales	14,874,955	15,138,741	263,786
	Pipeline Revenue			
42501	O&M-IH35, BUDA	63,316	72,731	9,415
42502	O&M-IH35, GOFORTH	151,958	192,216	40,258
42503	O&M-IH35, KYLE	212,741	243,128	30,387
42504	O&M-IH35, MONARCH	46,195	49,353	3,158
42550	O&M-RRWDS, COSM	669,653	831,697	162,044
42551	O&M-RRWDS, BUDA	69,220	92,479	23,259
42552	O&M-RRWDS, GOFORTH	166,128	244,409	78,281
42553	O&M-GPP	631,333	642,483	11,150
42554	O&M-RRWDS, HELP	95,701	115,339	19,638
42555	O&M-RRWDS, KYLE	232,579	309,145	76,566
42556	O&M-RRWDS, CRWA	135,515	194,007	58,492
42557	O&M-RRWDS, MONARCH	50,503	62,754	12,251
	Total Pipeline Revenue	2,524,842	3,049,741	524,899
	Laboratory			
42801	REV-LABORATORY SERVICES	877,800	866,000	(11,800)
	Total Laboratory	877,800	866,000	(11,800)
	Recreation & Other Rentals			
42901	REV-FACILITY RENTAL	59,825	59,564	(261)
42902	REV-PARK ENTRY FEES	143,040	150,000	6,960
42903	REV-CONCESSIONS/STORE CHARGES	17,394	19,000	1,606
42915	REV-SPONSORSHIPS	2,000	-	(2,000)
42921	REV-HYDRO HOUSE RENTALS	4,200	4,200	-
	Total Recreation & Other Rentals	226,459	232,764	6,305
	Internal Transfers			
43002	REV-BUILDING/EQUIP RENTAL	190,404	190,404	-
	Total Internal Transfers	190,404	190,404	-
	Operating Interest			
44110	INT-OPR INVESTMENT FUNDS	420,000	15,000	(405,000)
	Total Operating Interest	420,000	15,000	(405,000)

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
	Misc Income			
45120	INSPECTION FEE INCOME-BULVERDE	55,000	-	(55,000)
	Total Misc Income	55,000	-	(55,000)
	Grant & Interlocal Agreement Income			
45301	GRANTS-FEDERAL	307,375	245,215	(62,160)
45302	GRANTS-STATE	20,000	300,000	280,000
45303	GRANTS-CLEAN RIVERS PROGRAM	186,980	175,225	(11,755)
45320	INTERLOCAL-CONTRIBUTED BY CUSTOMERS	194,925	39,046	(155,879)
	Total Grant & Interlocal Agreement Income	709,280	759,486	50,206
	Total Operating Revenue	19,878,740	20,252,136	373,396
	OPERATING EXPENSES			
	Salaries			
51101	LBR-REGULAR WAGES	5,802,948	5,642,089	(160,859)
51102	LBR-OVERTIME	158,263	157,330	(933)
	Total Salaries	5,961,211	5,799,419	(161,792)
	Benefits			
51298	BEN-BENEFIT ALLOCATION	2,414,297	2,348,765	(65,532)
	Total Benefits	2,414,297	2,348,765	(65,532)
	Operating Supplies & Services			
52101	OPR-POWER & UTILITIES	1,289,580	1,639,677	350,097
52102	OPR-AUXILIARY POWER EXPENSE	7,700	22,000	14,300
52103	OPR-CHEMICALS	149,500	79,000	(70,500)
52110	OPR-SMALL TOOLS AND SUPPLIES	37,050	26,000	(11,050)
52111	OPR-PUBLIC COMMUNICATIONS	127,000	139,000	12,000
52113	OPR-LAB SUPPLIES	81,100	111,100	30,000
52114	OPR-LABORATORY SERVICES-GBRA	251,920	251,500	(420)
52115	OPR-LABORATORY SERVICES-OUTSOURCED	65,000	70,000	5,000
52118	OPR-DISPOSAL SERVICES	11,140	11,140	-
52120	OPR-UNIFORMS	4,986	4,450	(536)
52121	OPR-SAFETY & EMERGENCY EXPENSE	11,256	7,750	(3,506)
52122	OPR-SECURITY EXPENSE	2,000	6,500	4,500
52123	OPR-EQUIPMENT RENTAL	26,500	27,000	500
52124	OPR-EQUIPMENT EXPENSE	73,331	45,700	(27,631)
52125	OPR-VEHICLE EXPENSE	23,832	24,800	968
52126	OPR-FLEET LEASE EXPENSE	1,200	13,946	12,746
52132	OPR-GAUGING AND MONITORING	20,760	25,000	4,240
52133	OPR-SCADA	6,600	12,600	6,000

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
52135	OPR-PROCESS/SPECIAL OPERATING	26,700	11,500	(15,200)
52145	OPR-CONTRACT LABOR	229,660	95,090	(134,570)
	Total Operating Supplies & Services	2,446,815	2,623,753	176,938
	Professional Services and Fees			
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	627,500	487,500	(140,000)
52202	OPR-PROFESSIONAL SERVICES-LEGAL	2,800,000	1,500,000	(1,300,000)
52205	OPR-PROFESSIONAL SERVICES-OTHER	898,600	1,554,500	655,900
52210	OPR-CORPS OF ENGINEERS	850,000	850,000	-
52211	OPR-USGS MONITORING	184,000	189,520	5,520
52214	OPR-EAA HABITAT CONSERVATION	400,000	150,000	(250,000)
52216	OPR-REGULATORY FEES	176,240	140,400	(35,840)
52220	OPR-BANK FEES	12,474	7,376	(5,098)
52222	OPR-MEMBERSHIPS & PUBLICATIONS	9,678	9,585	(93)
52223	OPR-LICENSE & TRAINING	69,912	88,350	18,438
52224	OPR-TRAVEL	84,595	53,875	(30,720)
	Total Professional Services and Fees	6,112,999	5,031,106	(1,081,893)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	24,326	30,000	5,674
52302	OPR-COMPUTER & SOFTWARE EXPENSE	64,500	48,500	(16,000)
52304	OPR-COPY SUPPLIES AND SERVICES	23,100	23,200	100
52305	OPR-POSTAGE AND FREIGHT EXPENSE	13,650	13,650	-
52306	OPR-COMMUNICATIONS	29,622	64,000	34,378
52320	OPR-EDUCATION EXPENSE	-	1,000	1,000
52321	OPR-ECONOMIC DEVELOPMENT	102,500	94,000	(8,500)
52322	OPR-MEDIA EXPENSE	2,920	1,500	(1,420)
52323	OPR-EMPLOYEE RELATIONS	1,000	1,000	-
52330	OPR-OUTSOURCED PRINTING EXPENSE	9,000	3,000	(6,000)
52331	OPR-JANITORIAL SUPPLIES AND SERVICE	13,880	11,200	(2,680)
	Total Office Expenses	284,498	291,050	6,552
	Other Operating Expenses			
52402	OPR-RENT EXPENSE	14,820	-	(14,820)
52403	OPR-OFFICE/BUILDING RENTAL	-	58,272	58,272
52404	OPR-RIGHT OF WAY	3,000	6,000	3,000
52420	OPR-INSURANCE EXPENSE	105,000	119,758	14,758
52430	OPR-MISC EXPENSE	28,680	24,250	(4,430)
	Total Other Operating Expenses	151,500	208,280	56,780
	SUBTOTAL OF OPERATIONAL EXPENSES	17,371,320	16,302,373	(1,068,947)
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	48,550	38,200	(10,350)
53105	M&R-GENERATORS	12,000	750	(11,250)

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
53115	M&R-METERS	7,000	20,000	13,000
53120	M&R-BOATS	11,550	6,400	(5,150)
	Total Maintenance and Repair Equipment	79,100	65,350	(13,750)
	Structures			
53201	M&R-BUILDING	30,712	16,200	(14,512)
53205	M&R-PUMPS AND MOTORS	137,000	135,000	(2,000)
53210	M&R-GATES AND VALVES	15,000	-	(15,000)
53216	M&R-PUMPSTATIONS	17,000	15,000	(2,000)
53225	M&R-FENCES	4,000	12,000	8,000
53230	M&R-PIPELINES	125,000	300,000	175,000
53250	M&R-LAKE STRUCTURES	756	-	(756)
53251	M&R-PARK STRUCTURES	4,920	4,200	(720)
	Total Structures	334,388	482,400	148,012
	Other Maintenance & Repairs			
53301	M&R-ROADS	12,552	36,200	23,648
53310	M&R-GROUNDS/ROW	64,160	46,000	(18,160)
53315	M&R-CAMP AND PICNIC SITES	3,240	1,200	(2,040)
53324	M&R-REMOVE LOG JAMS	26,200	26,200	-
53325	M&R-GENERAL MAINTENANCE	114,800	118,000	3,200
53399	M&R-MISC EXPENSE	30,240	28,800	(1,440)
	Total Other Maintenance & Repairs	251,192	256,400	5,208
	SUBTOTAL OF M&R EXPENSES	664,680	804,150	139,470
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	1,967,203	1,913,808	(53,395)
	Total Administrative & General	1,967,203	1,913,808	(53,395)
	Capital Outlay			
13201	STRUCTURES & IMPROVEMENTS	-	57,000	57,000
13208	SPECIALIZED OPER EQUIPMENT	8,000	-	(8,000)
13217	AUTO & HEAVY EQUIPMENT	100,000	123,000	23,000
	Total Capital Outlay	108,000	180,000	72,000
	Transfers			
61505	TRANSFERS-DESIGNATED PROJECT FUND	172,560	-	(172,560)
61510	TRANSFERS-RESTRICTED/BOND COVENANT FUND	1,083,722	954,396	(129,326)
61515	TRANSFERS-RESERVE FUND	(2,300,000)	-	2,300,000
	Total Transfers	(1,043,718)	954,396	1,998,114
	TOTAL OPERATING AND M&R EXPENSES	19,067,485	20,154,727	1,087,242

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
Net Operating Income	<u>811,255</u>	<u>97,409</u>	<u>(713,846)</u>

DEBT SERVICE BUDGET

Capacity Charge Revenue				
42601	DEBT SERV-RRWDS, COSM	667,721	672,561	4,840
42602	DEBT SERV-RRWDS, BUDA	103,985	103,985	-
42603	DEBT SERV-RRWDS, GOFORTH	239,878	239,878	-
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	102,338	-
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	386,672	-
42642	DEBT SERV-2013 IH35, KYLE	542,775	542,774	(1)
42643	DEBT SERV-2013 IH35, MONARCH	55,841	55,841	-
42644	DEBT SERV-2013 IH35, SUNFIELD	165,038	165,038	-
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	35,627	38,002	2,375
42659	DEBT SERV-2013 WCANYON, CORDILLERA RANCH	201,888	232,765	30,877
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	3,311,434	3,278,182	(33,252)
42665	DEBT SERV-2013 WCANYON, KENDALL WEST	95,006	95,006	-
42670	DEBT SERV-2016 SMWTP, BUDA	37,228	37,444	216
42671	DEBT SERV-2016 SMWTP, GOFORTH	85,930	86,427	497
42672	DEBT SERV-2016 SMWTP, KYLE	120,620	121,318	698
42673	DEBT SERV-2016 SMWTP, MONARCH	12,409	12,481	72
42674	DEBT SERV-2016 SMWTP, SUNFIELD	36,676	36,889	213
Total Capacity Charge Revenue		8,709,340	8,715,875	6,535
Total Debt Revenue		8,709,340	8,715,875	6,535
Principal Payments Expense				
21101	LOAN-1977 CORP OF ENGINEERS	264,190	270,794	6,604
21110	LOAN-2016 PRESS/TRUCK, WFargo	38,114	39,448	1,334

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
21150 LOAN-BUDGET PRINCIPAL	75,932	-	(75,932)
21201 BOND-2007 RRWDS	123,333	130,000	6,667
21202 BOND-2010 RRWDS	520,000	540,000	20,000
21203 BOND-2011 GEN IMP	567,083	185,000	(382,083)
21204 BOND-2012 MID-BASIN	225,000	225,000	-
21205 BOND-2013 IH35	626,250	641,667	15,417
21206 BOND-2013 WCANYON	2,532,917	2,650,000	117,083
21209 BOND-2016 SMWTP	95,417	99,583	4,166
21211 BOND-2017 RRWDS	253,333	263,333	10,000
Total Principal Payments Expense	5,321,569	5,044,825	(276,744)
Interest Expense			
57201 INT-1977 CANYON COE	44,701	38,096	(6,605)
57203 INT-2007 RRWDS	345,723	340,067	(5,656)
57204 INT-2010 RRWDS	87,019	71,419	(15,600)
57205 INT-2011 GEN IMP BONDS	259,023	121,513	(137,510)
57206 INT-2012 MID-BASIN BONDS	36,524	35,341	(1,183)
57207 INT-2013 IH35 BONDS	570,659	555,635	(15,024)
57208 INT-2013 WCANYON BONDS	2,305,663	2,187,096	(118,567)
57210 INT-2016 SMWTP	170,824	168,915	(1,909)
57211 INT-2016 PRESS/TRUCK, W Fargo	10,182	8,846	(1,336)
57212 INT-2017 RRWDS	249,131	241,531	(7,600)
57250 INT-BUDGET LOAN EXPENSE	119,577	-	(119,577)
Total Interest Expense	4,199,026	3,768,459	(430,567)
Total Debt Expense	9,520,595	8,813,284	(707,311)
Net Change in Debt Service Budget	(811,255)	(97,409)	713,846
Net Change in Fund Balance	-	-	-

Water Sales - Capital Outlay Expense

Description	FY 2021
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Capital Outlay Funded From Current Revenues

Forestry Cutter for Skid Steer-Diversion System	\$	30,000
Backhoe-Diversion System	\$	93,000
Monument Signs & Wayfinding Signs-Gorge	\$	57,000
Total Water Sales Capital Outlay Expense		\$ 180,000



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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: \$1,472,540

Water Resource Division

Calhoun Canal System

Operating Plan for Fiscal Year Ending 8/31/21

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 2021, revenue from water supplied to municipal and industrial customers is budgeted to increase from \$1,338,243 to \$1,466,156. 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 21.5¢ per thousand gallons in FY 2021.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Significant operating expenses for FY 2021 include personnel costs of \$378,139, \$40,000 for electrical power to operate the Relift #1 Pump Station, \$65,160 in equipment and vehicle expenses, \$15,450 for stream gaging, \$42,000 in assessments pertaining to the TCEQ South Texas Watermaster Program, and \$41,745 in insurance costs. Additionally, \$415,842 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 \$195,602.



Staffing Summary

Calhoun Canal	# of Authorized Positions (FTE)		
	2019	2020	2021
Chief Water Tender	1	1	1
Heavy Equipment Operator	1	1	1
Maintenance Chief	1	1	1
Water Tender	3	2	2
Total	6	5	5

Changes from FY 2019 to FY 2020

1-Reclassified Water Tender from Canal to Water Resources.

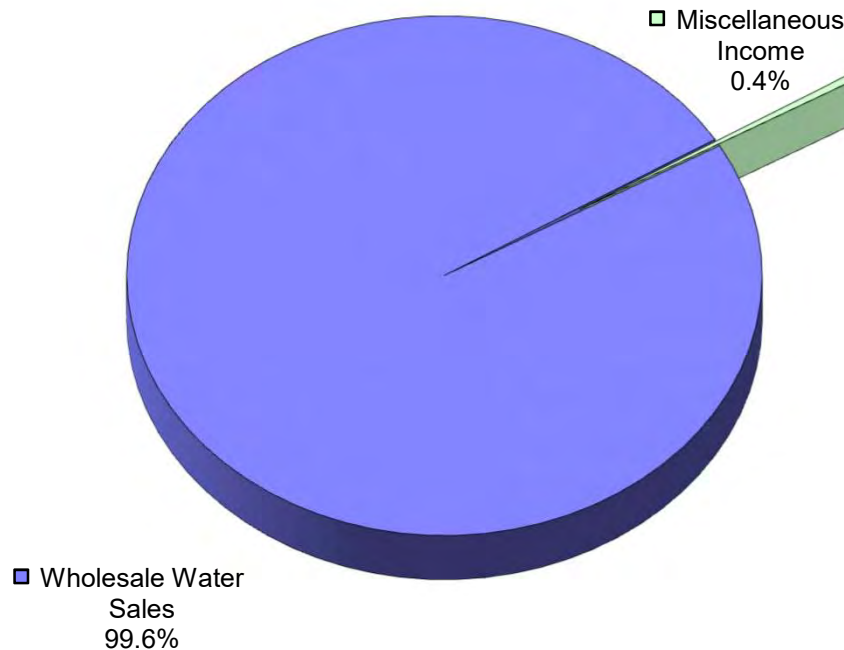
Changes from FY 2020 to FY 2021

No staffing changes for this division



Budget Summary

REVENUES - CALHOUN CANAL



Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales	1,060,746	1,338,243	1,466,156
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	10,578	6,384	6,384
Total Operating Revenue	1,071,324	1,344,627	1,472,540
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	1,071,324	1,344,627	1,472,540

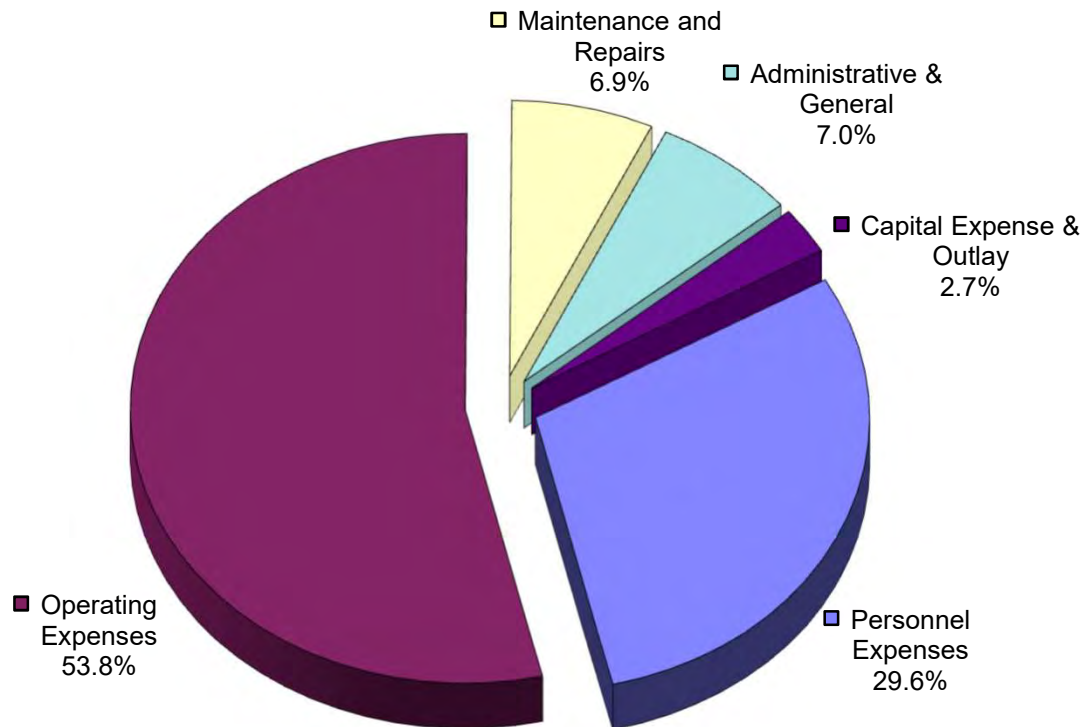


Fiscal Year 2021 Budget

flowing solutions

Budget Summary

EXPENSES - CALHOUN CANAL



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	349,171	472,129	378,139
Operating Expenses	626,364	675,010	687,253
Maintenance and Repairs	59,570	86,200	87,720
Administrative & General	80,960	110,892	88,826
Capital Expense & Outlay			35,000
Transfers			
Total Operating and M&R Expenses	1,116,065	1,344,231	1,276,938
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	1,116,065	1,344,231	1,276,938

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**043 - Calhoun Canal
Department ***

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Wholesale Raw Water Sales			
42170 CANAL-PT LAVACA	107,301	118,306	11,005
42171 CANAL-RURAL WATER	18,390	20,277	1,887
42172 CANAL-CARBIDE	843,028	929,492	86,464
42173 CANAL-INEOS	233,033	256,934	23,901
42174 CANAL-SPRINKLER IRRIGATION	27,000	27,000	-
42175 CANAL-SEADRIFT COKE	25,794	28,439	2,645
42176 CANAL-CRAWFISH FARM	9,000	9,000	-
42177 CANAL-PONDS & RIGS	12,100	12,100	-
42178 CANAL-WATERFOWL	25,000	25,000	-
42179 CANAL-POC IDC	19,597	21,608	2,011
42181 CANAL-OTHER	18,000	18,000	-
Total Wholesale Raw Water Sales	1,338,243	1,466,156	127,913
Internal Transfers			
43002 REV-BUILDING/EQUIP RENTAL	6,384	6,384	-
Total Internal Transfers	6,384	6,384	-
Total Operating Revenue	1,344,627	1,472,540	127,913
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	289,867	234,710	(55,157)
51102 LBR-OVERTIME	46,168	34,428	(11,740)
Total Salaries	336,035	269,138	(66,897)
Benefits			
51298 BEN-BENEFIT ALLOCATION	136,094	109,001	(27,093)
Total Benefits	136,094	109,001	(27,093)
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	35,892	40,000	4,108

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 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	9,600	18,000	8,400
52133	OPR-SCADA	1,550	1,550	-
52145	OPR-CONTRACT LABOR	3,600	3,600	-
52150	OPR-WATER PURCHASES/DELIVERY	415,842	415,842	-
	Total Operating Supplies & Services	548,664	561,172	12,508
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	1,800	1,800	-
52211	OPR-USGS MONITORING	15,000	15,450	450
52216	OPR-REGULATORY FEES	40,000	42,000	2,000
52222	OPR-MEMBERSHIPS & PUBLICATIONS	720	720	-
52223	OPR-LICENSE & TRAINING	1,056	1,056	-
52224	OPR-TRAVEL	1,200	1,200	-
	Total Professional Services and Fees	59,776	62,226	2,450
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	2,400	2,400	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	6,650	1,350	(5,300)
52306	OPR-COMMUNICATIONS	6,360	9,600	3,240
52322	OPR-MEDIA EXPENSE	1,200	1,200	-
	Total Office Expenses	16,610	14,550	(2,060)
	Other Operating Expenses			
52404	OPR-RIGHT OF WAY	2,400	3,000	600
52420	OPR-INSURANCE EXPENSE	43,000	41,745	(1,255)
52430	OPR-MISC EXPENSE	4,560	4,560	-
	Total Other Operating Expenses	49,960	49,305	(655)
	SUBTOTAL OF OPERATIONAL EXPENSES	1,147,139	1,065,392	(81,747)
	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	6,960	8,500	1,540

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 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	24,660	26,200	1,540
Other Maintenance & Repairs			
53301 M&R-ROADS	100	100	-
53310 M&R-GROUNDS/ROW	4,080	4,060	(20)
53325 M&R-GENERAL MAINTENANCE	48,960	48,960	-
53399 M&R-MISC EXPENSE	1,440	1,440	-
Total Other Maintenance & Repairs	54,580	54,560	(20)
SUBTOTAL OF M&R EXPENSES	86,200	87,720	1,520
Administrative & General			
54100 ADMINISTRATIVE & GENERAL	110,892	88,826	(22,066)
Total Administrative & General	110,892	88,826	(22,066)
Capital Expenses			
55002 GBRA-OWNED CAPITAL EXPENSE	-	35,000	35,000
Total Capital Expenses	-	35,000	35,000
TOTAL OPERATING AND M&R EXPENSES	1,344,231	1,276,938	(67,293)
Net Operating Income	396	195,602	195,206
Net Change in Fund Balance	396	195,602	195,206



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: 3,941,124,000 |
| • Startup Operation Date: January 2000 | • # of Current Employees: 8 |
| • Service Area: Hays County, TX | • Budgeted Revenue: \$2,252,543 |

Water Resource Division

San Marcos Water Treatment Plant

Operating Plan for Fiscal Year Ending 8/31/21

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 nominal rating of the surface water treatment plant is 21 million gallons per day and is operated to produce the base water requirements for the City. In addition to supplying San Marcos its water needs, GBRA has contracted with and is supplying 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. GBRA expanded the capacity of the treatment plant from 9 to 21 million gallons per day to serve customers of the IH-35 TWDS. 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 six 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 \$996,096 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 21, these pass through reimbursements are projected to total \$1,050,564. Revenue from other water customers is estimated to be \$1,022,024.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The total operating costs budgeted for FY 2021 is \$2,252,543. Significant costs within the budget include personnel costs at \$681,563, power and utilities at \$506,113, chemicals at \$422,787, and maintenance & repair expenses of \$360,000.

FUND BALANCE

The budget projects a fund balance of \$0.



Staffing Summary

San Marcos WTP	# of Authorized Positions (FTE)		
	2019	2020	2021
Plant Manager	1	1	1
Chief Operator	1	1	1
Operator	6	6	6
Total	8	8	8

Changes from FY 2019 to FY 2020

No staffing changes for this division.

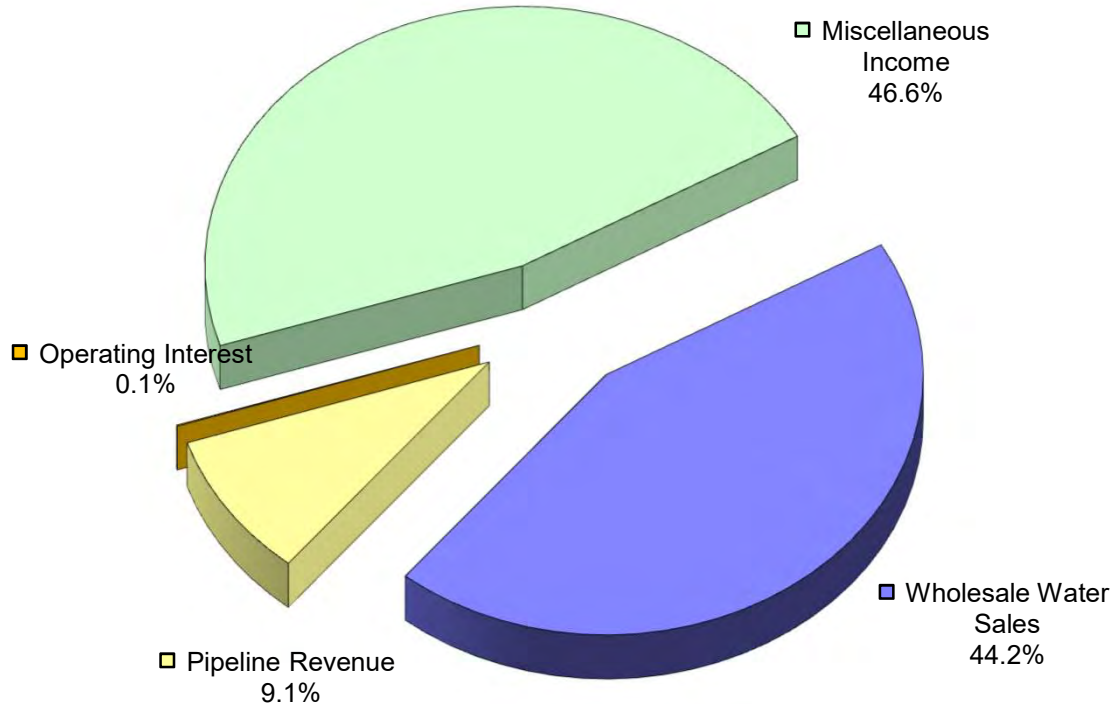
Changes from FY 2020 to FY 2021

No staffing changes for this division.



Budget Summary

REVENUES - SAN MARCOS WTP

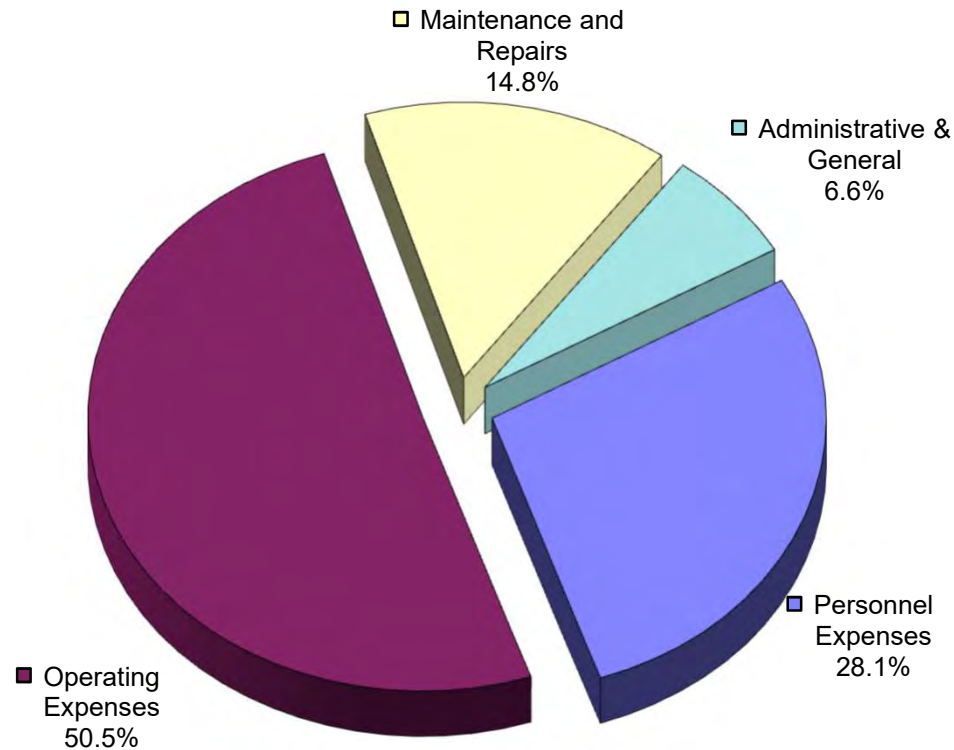


Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales	963,284	988,420	996,096
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue	183,322	217,800	204,383
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest	21,482	17,500	1,500
Grant & Interlocal Agreement Income			
Miscellaneous Income	1,046,231	958,704	1,050,564
Total Operating Revenue	2,214,319	2,182,424	2,252,543
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	2,214,319	2,182,424	2,252,543



Budget Summary

EXPENSES - SAN MARCOS WTP



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	616,091	643,542	681,563
Operating Expenses	963,818	1,109,164	1,225,055
Maintenance and Repairs	259,944	298,600	360,000
Administrative & General	143,918	151,152	160,082
Capital Expense & Outlay	93,919		
Transfers		(20,034)	(174,157)
Total Operating and M&R Expenses	2,077,690	2,182,424	2,252,543
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	2,077,690	2,182,424	2,252,543

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**044 - San Marcos WTP
Department ***

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Wholesale Water Treatment			
42201 ANNUAL SERVICE FEE INCOME	988,420	996,096	7,676
Total Wholesale Water Treatment	988,420	996,096	7,676
Pipeline Revenue			
42570 O&M-SMWTP, COSM	(706,847)	(817,641)	(110,794)
42571 O&M-SMWTP, BUDA	123,457	133,349	9,892
42572 O&M-SMWTP, GOFORTH	296,298	352,422	56,124
42573 O&M-SMWTP, KYLE	414,817	445,766	30,949
42574 O&M-SMWTP, MONARCH	90,075	90,487	412
Total Pipeline Revenue	217,800	204,383	(13,417)
Operating Interest			
44110 INT-OPR INVESTMENT FUNDS	17,500	1,500	(16,000)
Total Operating Interest	17,500	1,500	(16,000)
Pass-Through Costs			
45240 PASS-THROUGH-ELECTRIC COSTS	369,820	396,664	26,844
45241 PASS-THROUGH-CHEMICAL COSTS	360,869	398,681	37,812
45242 PASS-THROUGH-GNDWTR ELECTRIC COSTS	94,500	119,448	24,948
45243 PASS-THROUGH-GNDWTR CHEMICAL COSTS	18,515	24,106	5,591
45244 PASS-THROUGH-INSURANCE	28,000	26,665	(1,335)
45245 PASS-THROUGH-LOC	12,000	10,000	(2,000)
45246 PASS-THROUGH-INSPECTION	75,000	75,000	-
Total Pass-Through Costs	958,704	1,050,564	91,860
Total Operating Revenue	<u>2,182,424</u>	<u>2,252,543</u>	<u>70,119</u>
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	457,183	440,448	(16,735)
51102 LBR-OVERTIME	854	44,650	43,796

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
	Total Salaries	458,037	485,098	27,061
	Benefits			
51298	BEN-BENEFIT ALLOCATION	185,505	196,465	10,960
	Total Benefits	185,505	196,465	10,960
	Operating Supplies & Services			
52101	OPR-POWER & UTILITIES	454,320	506,113	51,793
52102	OPR-AUXILIARY POWER EXPENSE	10,000	10,000	-
52103	OPR-CHEMICALS	379,384	422,787	43,403
52110	OPR-SMALL TOOLS AND SUPPLIES	3,020	6,000	2,980
52111	OPR-PUBLIC COMMUNICATIONS	-	500	500
52113	OPR-LAB SUPPLIES	21,900	20,000	(1,900)
52114	OPR-LABORATORY SERVICES-GBRA	3,150	3,500	350
52115	OPR-LABORATORY SERVICES-OUTSOURCED	1,000	1,500	500
52118	OPR-DISPOSAL SERVICES	60,000	60,000	-
52120	OPR-UNIFORMS	4,600	5,200	600
52121	OPR-SAFTY & EMERGENCY EXPENSE	2,000	2,500	500
52125	OPR-VEHICLE EXPENSE	10,000	12,000	2,000
52126	OPR-FLEET LEASE EXPENSE	1,200	7,200	6,000
52133	OPR-SCADA	1,000	4,300	3,300
52135	OPR-PROCESS/SPECIAL OPERATING	13,500	12,000	(1,500)
	Total Operating Supplies & Services	965,074	1,073,600	108,526
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	7,000	13,000	6,000
52217	OPR-INSPECTION FEES	75,000	75,000	-
52220	OPR-BANK FEES	12,000	10,000	(2,000)
52222	OPR-MEMBERSHIPS & PUBLICATIONS	1,500	1,500	-
52223	OPR-LICENSE & TRAINING	5,000	6,000	1,000
52224	OPR-TRAVEL	1,000	2,000	1,000
	Total Professional Services and Fees	101,500	107,500	6,000
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	3,500	5,000	1,500
52302	OPR-COMPUTER & SOFTWARE EXPENSE	3,800	5,000	1,200
52305	OPR-POSTAGE AND FREIGHT EXPENSE	200	200	-
52306	OPR-COMMUNICATIONS	4,440	4,440	-
52322	OPR-MEDIA EXPENSE	650	500	(150)
52323	OPR-EMPLOYEE RELATIONS	-	150	150
	Total Office Expenses	12,590	15,290	2,700
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	28,000	26,665	(1,335)
52430	OPR-MISC EXPENSE	2,000	2,000	-

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
Total Other Operating Expenses	30,000	28,665	(1,335)
SUBTOTAL OF OPERATIONAL EXPENSES	1,752,706	1,906,618	153,912
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	35,800	45,000	9,200
53105 M&R-GENERATORS	8,000	-	(8,000)
53110 M&R-CONTROL SYSTEMS	-	160,000	160,000
53115 M&R-METERS	10,000	9,500	(500)
Total Maintenance and Repair Equipment	53,800	214,500	160,700
Structures			
53201 M&R-BUILDING	4,800	5,000	200
53202 M&R-CLEARWELLS	2,900	10,000	7,100
53205 M&R-PUMPS AND MOTORS	10,000	20,000	10,000
53216 M&R-PUMPSTATIONS	20,000	40,000	20,000
53220 M&R-CLARIFIERS	100,000	-	(100,000)
53230 M&R-PIPELINES	-	12,000	12,000
53238 M&R-FILTERS	82,000	12,000	(70,000)
Total Structures	219,700	99,000	(120,700)
Other Maintenance & Repairs			
53301 M&R-ROADS	1,200	2,500	1,300
53310 M&R-GROUNDS/ROW	20,000	24,000	4,000
53320 M&R-PONDS AND LAGOONS	700	10,000	9,300
53325 M&R-GENERAL MAINTENANCE	2,450	8,000	5,550
53399 M&R-MISC EXPENSE	750	2,000	1,250
Total Other Maintenance & Repairs	25,100	46,500	21,400
SUBTOTAL OF M&R EXPENSES	298,600	360,000	61,400
Administrative & General			
54100 ADMINISTRATIVE & GENERAL	151,152	160,082	8,930
Total Administrative & General	151,152	160,082	8,930
Transfers			
61515 TRANSFERS-RESERVE FUND	(20,034)	(174,157)	(154,123)
Total Transfers	(20,034)	(174,157)	(154,123)
TOTAL OPERATING AND M&R EXPENSES	2,182,424	2,252,543	70,119
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.

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- | | |
|--|-------------------------------|
| • Service Provided: Wastewater treatment | • Capacity: 1.5 MGD |
| • Location: Buda, TX | • # of Current Employees: 2 |
| • Startup Operation Date: 2001 | • Budgeted Revenue: \$949,379 |
| • Customer: City of Buda | |

Water Resource Division

Buda Wastewater Treatment Plant System

Operating Plan for Fiscal Year Ending 8/31/21

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 Chief Operator of the Shadow Creek Wastewater Reclamation System and operated by five 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 444 million gallons per year or 1.216 million gallons per day (MGD) and is based upon a 12-month fiscal year beginning September 1, 2020 and ending August 31, 2021. The budgeted FY 2021 revenue for the Buda Division is \$949,379, which is \$86,049 or 8.3% less than last year's budget.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The combined capital additions and operating expenditure budget for FY 2021 amounts to \$949,379. Major expenses include power and utility costs of \$145,000, biosolids disposal costs of \$131,000, and chemical costs of \$92,700. Also, laboratory testing and supplies are estimated at \$44,000, and the purchase of a replacement truck with a lift gate is budgeted at \$30,000.

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

FUND BALANCE

Funds for the above listed capital additions and maintenance projects as well as all of the other operating expenditures summarized in the following pages will be provided from revenues from the City of Buda. Since this system represents a contract operation in which GBRA does not over-recover nor under-recover its costs, the net change in fund balance for FY 2021 is \$0.



Staffing Summary

Buda WWTP	# of Authorized Positions (FTE)		
	2019	2020	2021
Operator	2	2	2
Total	2	2	2

Changes from FY 2019 to FY 2020

No staffing changes for this division.

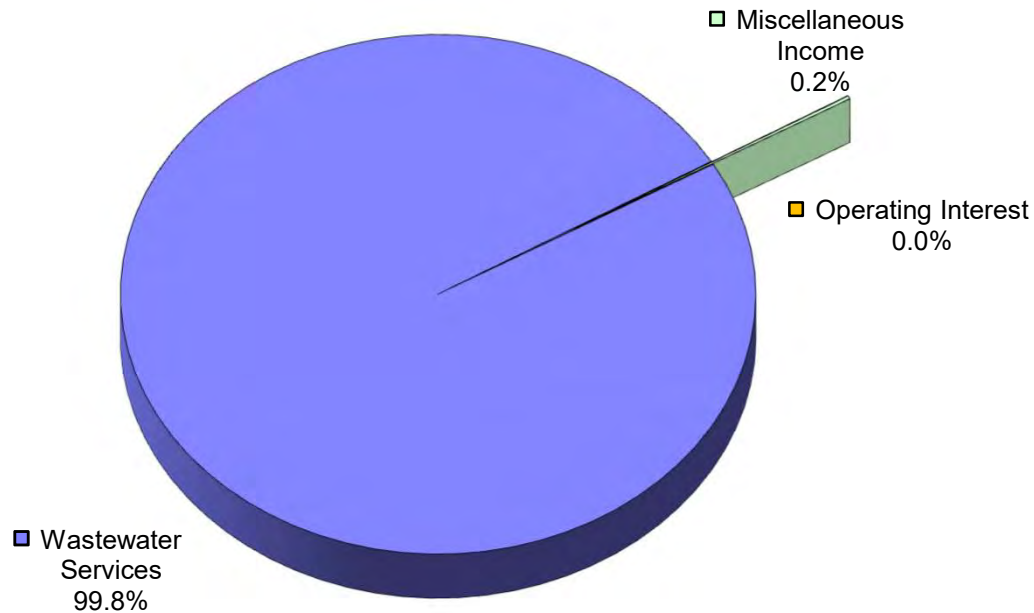
Changes from FY 2020 to FY 2021

No staffing changes for this division.



Budget Summary

REVENUES - BUDA WWTP

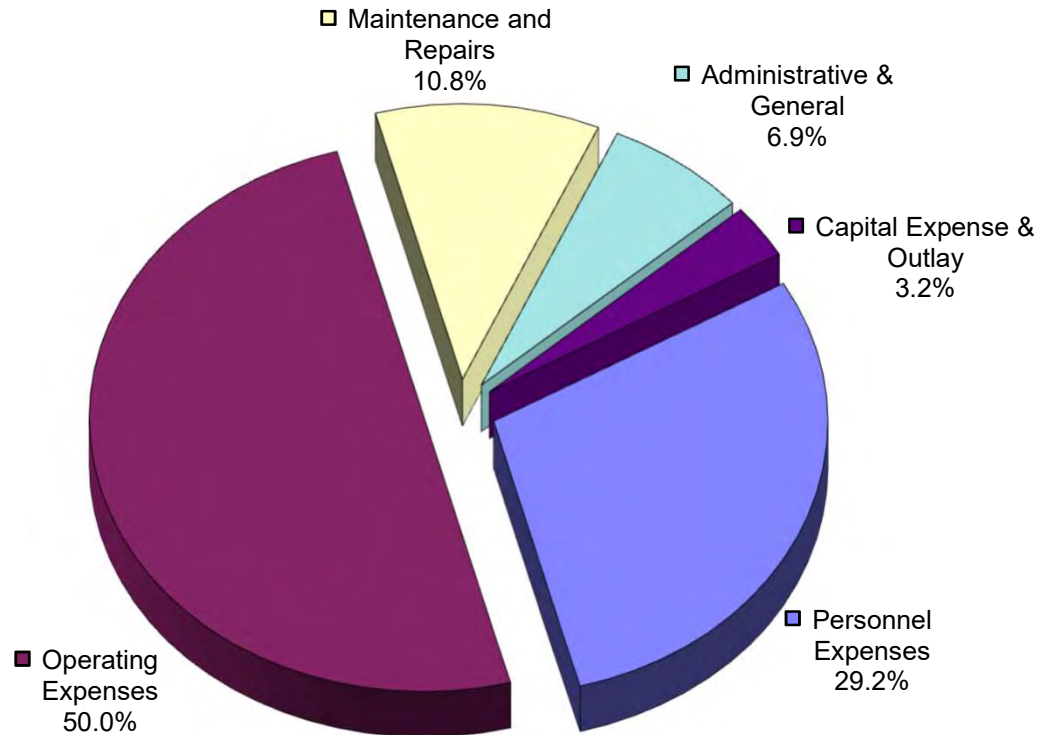


Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services	797,323	1,033,103	947,534
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest		525	45
Grant & Interlocal Agreement Income			
Miscellaneous Income		1,800	1,800
Total Operating Revenue	797,323	1,035,428	949,379
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	797,323	1,035,428	949,379



Budget Summary

EXPENSES - BUDA WWTP



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	214,441	290,133	276,942
Operating Expenses	410,857	590,050	474,390
Maintenance and Repairs	126,765	87,100	103,000
Administrative & General	49,442	68,145	65,047
Capital Expense & Outlay			30,000
Transfers			
Total Operating and M&R Expenses	801,505	1,035,428	949,379
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	801,505	1,035,428	949,379

Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021

045 - Buda WWTP
Department *

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wastewater Treatment				
41201	WW-OPR & MAINTENANCE	966,758	884,287	(82,471)
41202	WW-ADMINISTRATIVE & GENERAL	68,145	65,047	(3,098)
41207	WW-CREDIT TO CUSTOMER	(1,800)	(1,800)	-
	Total Wastewater Treatment	1,033,103	947,534	(85,569)
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	525	45	(480)
	Total Operating Interest	525	45	(480)
	Total Operating Revenue	1,035,428	949,379	(86,049)
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	189,774	186,399	(3,375)
51102	LBR-OVERTIME	16,726	10,713	(6,013)
	Total Salaries	206,500	197,112	(9,388)
Benefits				
51298	BEN-BENEFIT ALLOCATION	83,633	79,830	(3,803)
	Total Benefits	83,633	79,830	(3,803)
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	145,000	145,000	-
52102	OPR-AUXILIARY POWER EXPENSE	6,700	6,700	-
52103	OPR-CHEMICALS	91,700	92,700	1,000
52110	OPR-SMALL TOOLS AND SUPPLIES	600	1,000	400
52113	OPR-LAB SUPPLIES	9,500	9,500	-

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
52114 OPR-LABORATORY SERVICES-GBRA	29,500	29,500	-
52115 OPR-LABORATORY SERVICES-OUTSOURCED	3,500	5,000	1,500
52118 OPR-DISPOSAL SERVICES	87,000	131,000	44,000
52120 OPR-UNIFORMS	2,000	2,000	-
52121 OPR-SAFTY & EMERGENCY EXPENSE	4,000	4,000	-
52124 OPR-EQUIPMENT EXPENSE	2,600	2,600	-
52125 OPR-VEHICLE EXPENSE	3,500	2,500	(1,000)
52126 OPR-FLEET LEASE EXPENSE	10,800	1,200	(9,600)
52133 OPR-SCADA	152,800	4,300	(148,500)
Total Operating Supplies & Services	549,200	437,000	(112,200)
Professional Services and Fees			
52205 OPR-PROFESSIONAL SERVICES-OTHER	11,500	6,500	(5,000)
52217 OPR-INSPECTION FEES	9,400	9,400	-
52222 OPR-MEMBERSHIPS & PUBLICATIONS	500	480	(20)
52223 OPR-LICENSE & TRAINING	2,100	2,100	-
52224 OPR-TRAVEL	2,000	2,000	-
Total Professional Services and Fees	25,500	20,480	(5,020)
Office Expenses			
52301 OPR-OFFICE SUPPLIES	1,500	1,500	-
52302 OPR-COMPUTER & SOFTWARE EXPENSE	4,250	4,250	-
52306 OPR-COMMUNICATIONS	6,000	6,000	-
Total Office Expenses	11,750	11,750	-
Other Operating Expenses			
52420 OPR-INSURANCE EXPENSE	3,000	4,560	1,560
52430 OPR-MISC EXPENSE	600	600	-
Total Other Operating Expenses	3,600	5,160	1,560
SUBTOTAL OF OPERATIONAL EXPENSES	880,183	751,332	(128,851)
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	10,000	13,000	3,000
53110 M&R-CONTROL SYSTEMS	12,000	12,000	-
53115 M&R-METERS	2,000	10,000	8,000
Total Maintenance and Repair Equipment	24,000	35,000	11,000
Structures			
53201 M&R-BUILDING	1,000	1,000	-
53205 M&R-PUMPS AND MOTORS	30,000	34,000	4,000
53210 M&R-GATES AND VALVES	10,000	10,000	-
53220 M&R-CLARIFIERS	16,000	16,000	-
53238 M&R-FILTERS	600	3,000	2,400
Total Structures	57,600	64,000	6,400

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
	Other Maintenance & Repairs			
53310	M&R-GROUNDS/ROW	4,500	4,000	(500)
53399	M&R-MISC EXPENSE	1,000	-	(1,000)
	Total Other Maintenance & Repairs	5,500	4,000	(1,500)
	SUBTOTAL OF M&R EXPENSES	87,100	103,000	15,900
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	68,145	65,047	(3,098)
	Total Administrative & General	68,145	65,047	(3,098)
	Capital Expenses			
55001	CUSTOMER-OWNED CAPITAL EXPENSE	-	30,000	30,000
	Total Capital Expenses	-	30,000	30,000
	TOTAL OPERATING AND M&R EXPENSES	1,035,428	949,379	(86,049)
	Net Operating Income	-	-	-
	Net Change in Fund Balance	-	-	-

Map of planned groundwater well fields and transmission lines.

Legend

- Potential Route
- Existing Pipeline

Key locations and features on the map include:

- Well Fields:** ARWA Well Field, GBRA Well Field
- Delivery Points:**
 - San Marcos Delivery Point 1 (12,798 acft/yr; 4,000 acft/yr - GBRA)
 - Lockhart Delivery Point (3,000 acft/yr - GBRA)
 - Crystal Clear SUD Delivery Point 2 (500 acft/yr)
 - Crystal Clear SUD Delivery Point 1 (5,648 acft/yr)
 - NBU Delivery Point 1 (8,000 acft/yr)
 - Green Valley SUD Delivery Point 1 (3,675 acft/yr)
- Pump Stations:** San Marcos WTP, Luling Lockhart Pipeline, WTP
- Other Labels:** Hillside GST, IH-35 TWDS, RRWDS, FM 1578, FM 1579, FM 1139, San Marcos River, Guadalupe River, Canyon Lake, Lake Dunlap, Wimberly, Kyle, Buda, Mustang Ridge, Lockhart, Luling, Seguin, Waeider, GORZALES, CALDWELL, BASTROP, GUADALUPE, 130, 80, 90, 183, 10, 97, 304, 95, 46, 123, 35, 142, 36", 30", 42"

ARWA & GBRA Shared Transmission

Scale: 0 to 5 Miles

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: \$1,095,000
- Customers: New Braunfels Utilities, City of Lockhart, Goforth SUD

Water Resources Division Carrizo Groundwater Supply Operating Plan for Fiscal Year Ending 8/31/21

BACKGROUND

During FY 2018, GBRA completed the purchase of Texas Water Alliance, a company owning approximately 15,000 acre-feet per year of groundwater leases in Gonzales and Caldwell counties. 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 and ground water district fees.

FUND BALANCE

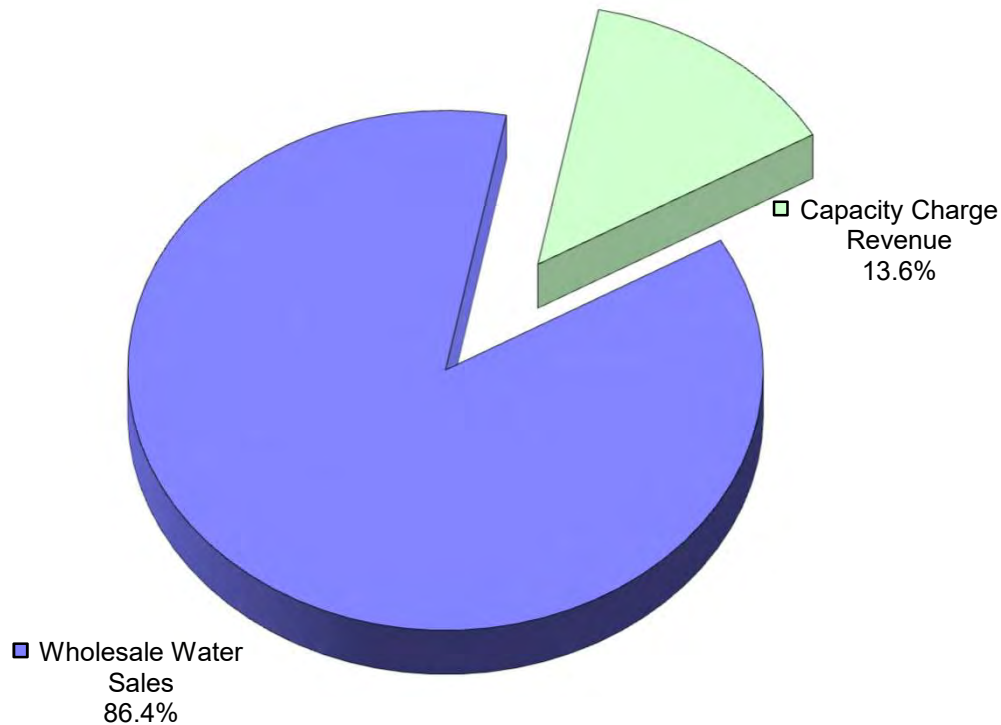
Funds for the above listed operations will be covered by revenues from customer billings.

A net increase in the fund balance of \$73,897 is anticipated due to the timing of receipt of funds and payment of expenses.



Budget Summary

REVENUES - CARRIZO GROUNDWATER SYSTEM

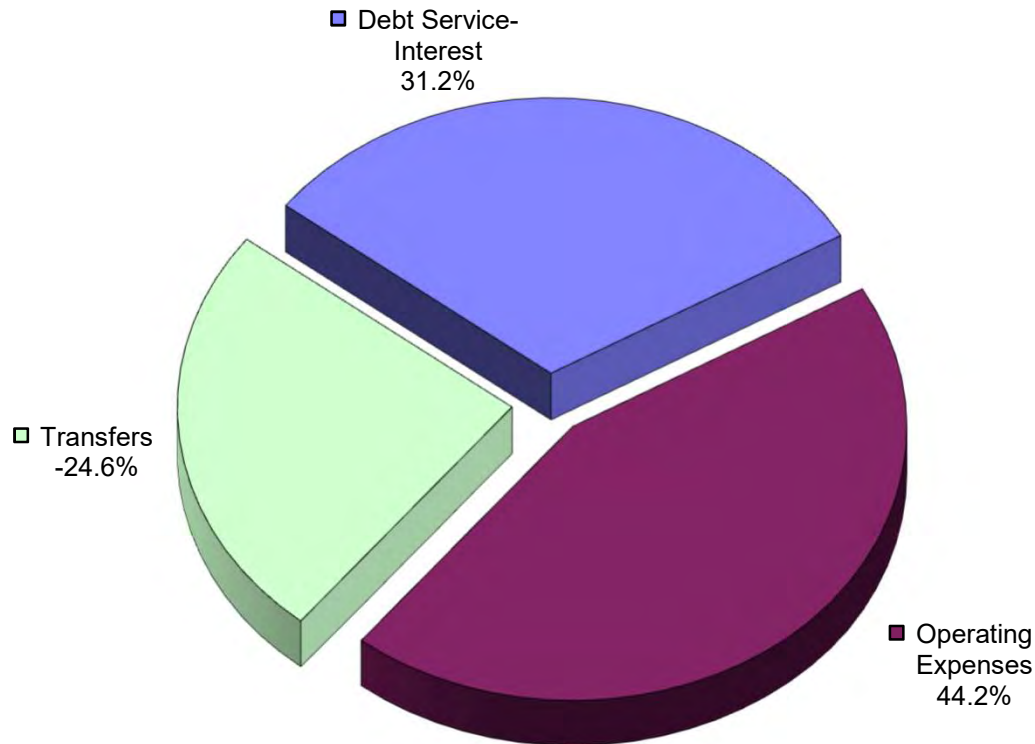


Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales		1,080,000	1,095,000
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue		1,080,000	1,095,000
Capacity Charge Revenue			172,359
I/F Loan Repayments from Operations			
Grand Total Revenues	0	1,080,000	1,267,359



Budget Summary

EXPENSES - CARRIZO GROUNDWATER SYSTEM



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses			
Operating Expenses		870,100	1,036,772
Maintenance and Repairs			
Administrative & General			
Capital Expense & Outlay			
Transfers		(359,261)	(576,159)
Total Operating and M&R Expenses		510,839	460,613
Debt Service-Principal			
Debt Service-Interest		359,261	732,849
Grand Total Expenses		870,100	1,193,462

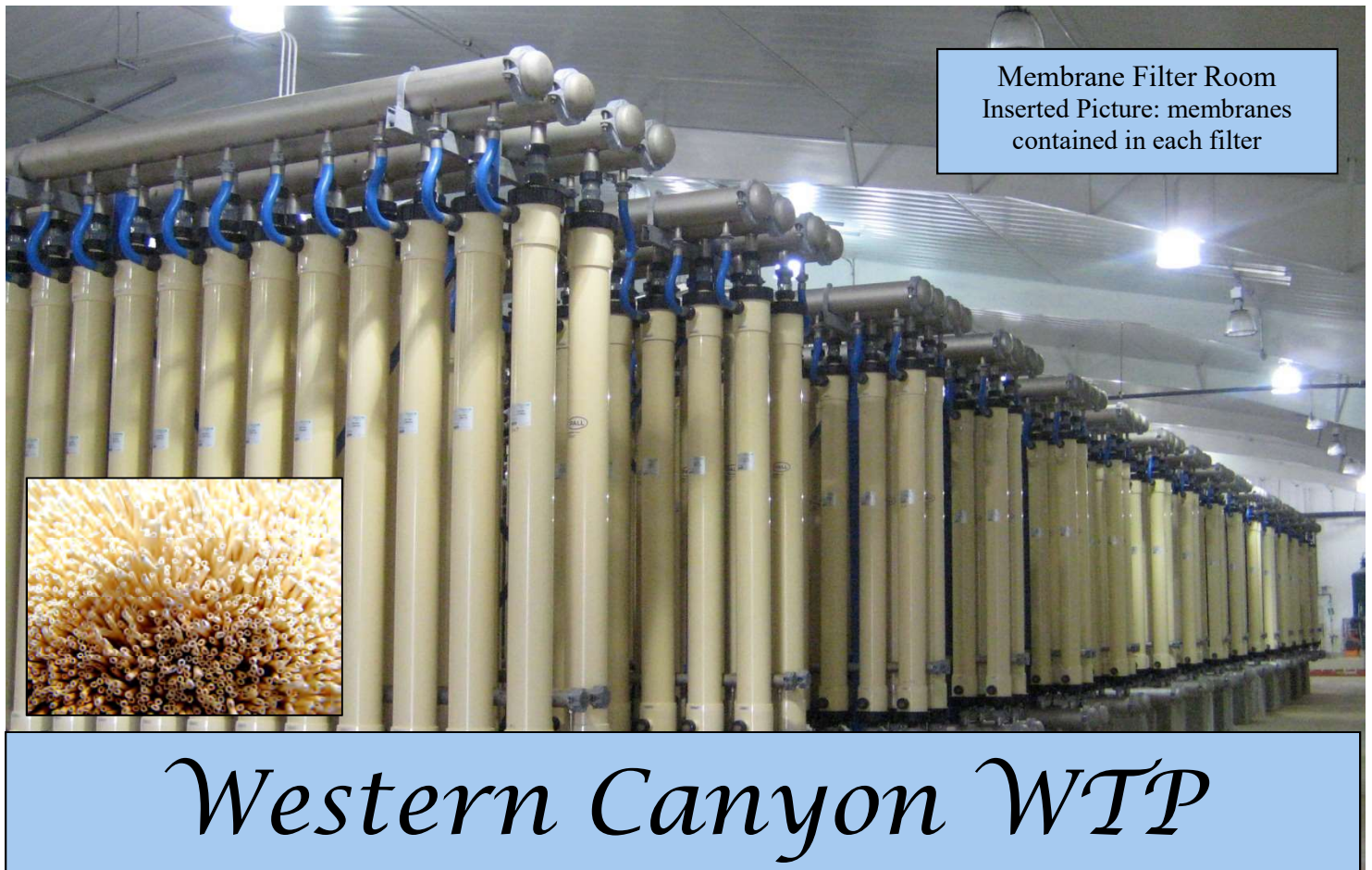
**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**047 - Carrizo Groundwater System
Department ***

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Wholesale Raw Water Sales			
42151 CARRIZO-NEW BRAUNFELS UTILITES	576,000	584,000	8,000
42152 CARRIZO-CITY OF LOCKHART	216,000	219,000	3,000
42153 CARRIZO-GOFORTH SUD	288,000	292,000	4,000
Total Wholesale Raw Water Sales	1,080,000	1,095,000	15,000
Total Operating Revenue	1,080,000	1,095,000	15,000
OPERATING EXPENSES			
Professional Services and Fees			
52212 OPR-CARRIZO LEASE PAYMENTS	870,100	896,200	26,100
52213 OPR-GROUNDWATER DISTRICT FEES	-	139,672	139,672
52220 OPR-BANK FEES	-	900	900
Total Professional Services and Fees	870,100	1,036,772	166,672
SUBTOTAL OF OPERATIONAL EXPENSES	870,100	1,036,772	166,672
Transfers			
61510 TRANSFERS-RESTRICTED/BOND COVENANT FUND	(359,261)	(576,159)	(216,898)
Total Transfers	(359,261)	(576,159)	(216,898)
TOTAL OPERATING AND M&R EXPENSES	510,839	460,613	(50,226)
Net Operating Income	569,161	634,387	65,226

DEBT SERVICE BUDGET

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
	Capacity Charge Revenue			
42695	DEBT SERV-2018/19 CARRIZO, NBU	-	94,537	94,537
42696	DEBT SERV-2018/19 CARRIZO, GOFORTH	-	42,153	42,153
42697	DEBT SERV-2018/19 CARRIZO, LOCKHART	-	35,669	35,669
	Total Capacity Charge Revenue	<u>-</u>	<u>172,359</u>	<u>172,359</u>
	Total Debt Revenue	<u>-</u>	<u>172,359</u>	<u>172,359</u>
	Interest Expense			
57215	INT-2018/19 CARRIZO GROUNDWATER, TWDB	359,261	732,849	373,588
	Total Interest Expense	<u>359,261</u>	<u>732,849</u>	<u>373,588</u>
	Total Debt Expense	<u>359,261</u>	<u>732,849</u>	<u>373,588</u>
	Net Change in Debt Service Budget	<u>(359,261)</u>	<u>(560,490)</u>	<u>(201,229)</u>
	Net Change in Fund Balance	<u>209,900</u>	<u>73,897</u>	<u>(136,003)</u>



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: 14 |
| • Startup Operation Date: 2006 | • Budgeted Operating Revenue: \$3,974,892 |
| • Service Area: Comal & Kendall Co, TX | |

Western Canyon Division

Western Canyon Water Treatment Plant System

Operating Plan for Fiscal Year Ending 8/31/21

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 2021 is \$1.089 per thousand gallons.

CAPITAL ADDITIONS AND OPERATING EXPENSES

The principal operating expenditures budgeted for FY 2021 includes total power costs of \$1,270,000. 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 \$300,000. Maintenance and repairs costs of \$414,000 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 2021 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 2021, the fund balance is expected to be \$0.



Staffing Summary

Western Canyon WTP	# of Authorized Positions (FTE)		
	2019	2020	2021
Chief Operator	3	3	3
Electrical/Instrumentation Technician	1	1	1
Operator	7	8	8
Distribution/Plant Operator	2	2	2
Total	13	14	14

Changes from FY 2019 to FY 2020

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

Changes from FY 2020 to FY 2021

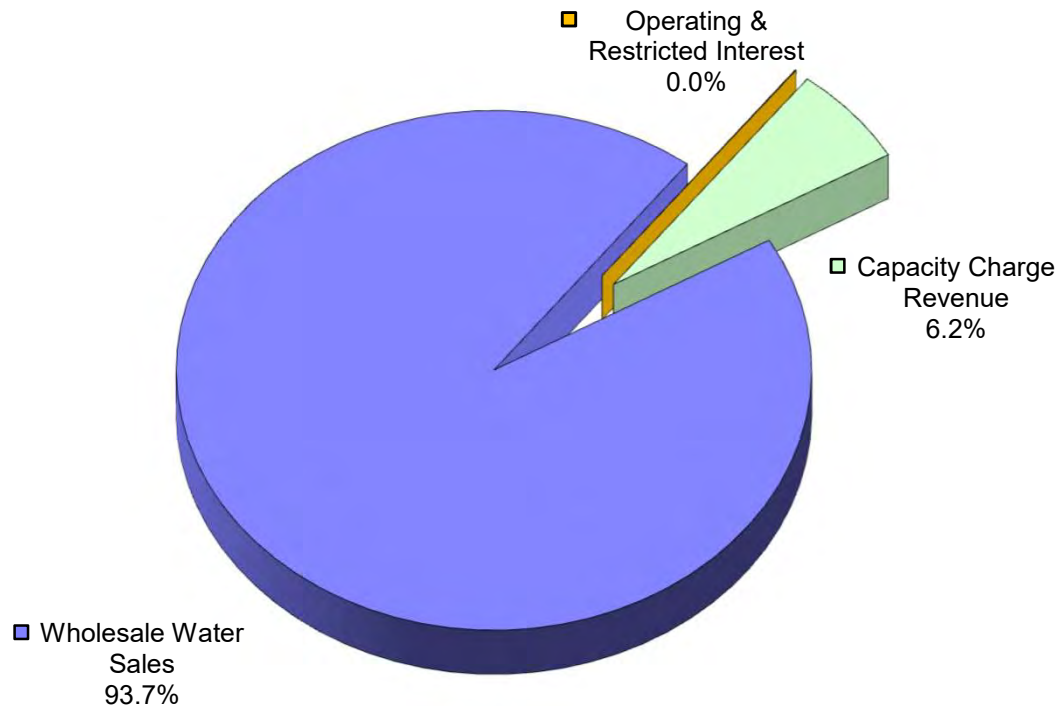
No staffing changes for this division.

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



Budget Summary

REVENUES - WESTERN CANYON WTP



Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales	3,780,132	3,733,407	3,973,392
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest	65,589	20,000	1,500
Grant & Interlocal Agreement Income			
Miscellaneous Income	13,791		
Total Operating Revenue	3,859,512	3,753,407	3,974,892
Capacity Charge Revenue	264,693	263,537	263,537
I/F Loan Repayments from Operations			
Grand Total Revenues	4,124,205	4,016,944	4,238,429

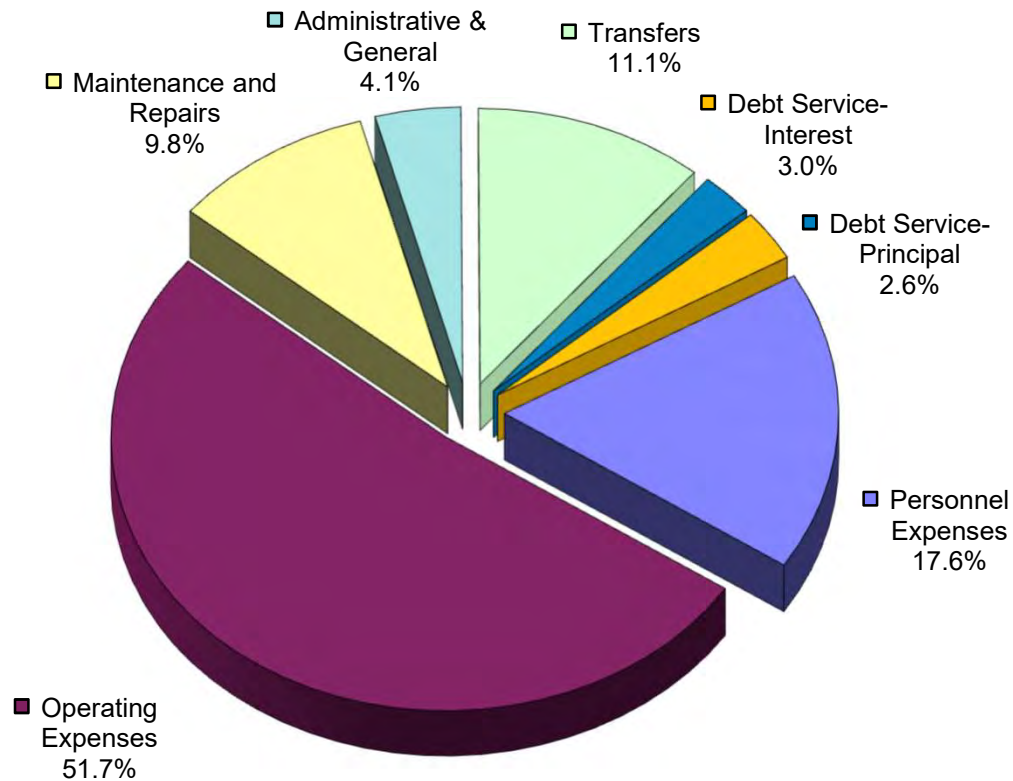


Fiscal Year 2021 Budget

flowing solutions

Budget Summary

EXPENSES - WESTERN CANYON WTP



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	698,099	751,777	746,213
Operating Expenses	2,097,687	2,322,726	2,193,029
Maintenance and Repairs	223,127	368,000	414,000
Administrative & General	161,653	176,569	175,267
Capital Expense & Outlay	96,653	99,000	
Transfers			472,345
Total Operating and M&R Expenses	3,277,219	3,718,072	4,000,854
Debt Service-Principal	105,000	107,083	110,000
Debt Service-Interest	133,412	130,788	127,575
Grand Total Expenses	3,515,631	3,955,943	4,238,429

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**050 - Western Canyon WTP
Department ***

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wholesale Water Treatment				
42230	WCANYON WTP O&M	3,733,407	3,973,392	239,985
	Total Wholesale Water Treatment	3,733,407	3,973,392	239,985
Operating Interest				
44110	INT-OPR INVESTMENT FUNDS	20,000	1,500	(18,500)
	Total Operating Interest	20,000	1,500	(18,500)
	Total Operating Revenue	3,753,407	3,974,892	221,485
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	474,429	425,568	(48,861)
51102	LBR-OVERTIME	60,649	105,545	44,896
	Total Salaries	535,078	531,113	(3,965)
Benefits				
51298	BEN-BENEFIT ALLOCATION	216,699	215,100	(1,599)
	Total Benefits	216,699	215,100	(1,599)
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	1,258,256	1,270,000	11,744
52102	OPR-AUXILIARY POWER EXPENSE	5,545	2,365	(3,180)
52103	OPR-CHEMICALS	350,000	335,000	(15,000)
52110	OPR-SMALL TOOLS AND SUPPLIES	10,000	13,000	3,000
52111	OPR-PUBLIC COMMUNICATIONS	500	-	(500)
52113	OPR-LAB SUPPLIES	25,000	7,000	(18,000)
52114	OPR-LABORATORY SERVICES-GBRA	5,000	4,000	(1,000)
52115	OPR-LABORATORY SERVICES-OUTSOURCED	1,000	1,000	-
52118	OPR-DISPOSAL SERVICES	400,000	300,000	(100,000)
52120	OPR-UNIFORMS	5,000	5,000	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	7,000	7,000	-

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
52122	OPR-SECURITY EXPENSE	5,000	5,000	-
52123	OPR-EQUIPMENT RENTAL	2,000	2,000	-
52124	OPR-EQUIPMENT EXPENSE	5,000	5,000	-
52125	OPR-VEHICLE EXPENSE	30,000	30,000	-
52126	OPR-FLEET LEASE EXPENSE	-	5,485	5,485
52133	OPR-SCADA	31,800	8,300	(23,500)
52145	OPR-CONTRACT LABOR	10,000	10,000	-
	Total Operating Supplies & Services	2,151,101	2,010,150	(140,951)
	Professional Services and Fees			
52201	OPR-PROFESSIONAL SERVICES-ENGINEERING	30,000	30,000	-
52205	OPR-PROFESSIONAL SERVICES-OTHER	55,000	66,849	11,849
52217	OPR-INSPECTION FEES	125	125	-
52220	OPR-BANK FEES	1,200	-	(1,200)
52223	OPR-LICENSE & TRAINING	7,000	7,000	-
52224	OPR-TRAVEL	4,000	6,000	2,000
	Total Professional Services and Fees	97,325	109,974	12,649
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	6,000	6,500	500
52302	OPR-COMPUTER & SOFTWARE EXPENSE	7,300	7,300	-
52305	OPR-POSTAGE AND FREIGHT EXPENSE	5,000	500	(4,500)
52306	OPR-COMMUNICATIONS	10,000	12,000	2,000
52322	OPR-MEDIA EXPENSE	500	500	-
	Total Office Expenses	28,800	26,800	(2,000)
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	45,500	46,105	605
	Total Other Operating Expenses	45,500	46,105	605
	SUBTOTAL OF OPERATIONAL EXPENSES	3,074,503	2,939,242	(135,261)
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	106,500	103,500	(3,000)
53115	M&R-METERS	20,000	50,000	30,000
	Total Maintenance and Repair Equipment	126,500	153,500	27,000
	Structures			
53201	M&R-BUILDING	61,000	61,000	-
53202	M&R-CLEARWELLS	2,000	1,000	(1,000)
53216	M&R-PUMPSTATIONS	145,000	145,000	-
53235	M&R-TRANSMISSION LINES	20,000	20,000	-
	Total Structures	228,000	227,000	(1,000)
	Other Maintenance & Repairs			

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
53301 M&R-ROADS	3,500	5,000	1,500
53310 M&R-GROUNDS/ROW	4,000	22,500	18,500
53320 M&R-PONDS AND LAGOONS	6,000	6,000	-
Total Other Maintenance & Repairs	13,500	33,500	20,000
SUBTOTAL OF M&R EXPENSES	368,000	414,000	46,000
Administrative & General			
54100 ADMINISTRATIVE & GENERAL	176,569	175,267	(1,302)
Total Administrative & General	176,569	175,267	(1,302)
Capital Outlay			
13215 SHOPS & STOREROOMS	35,000	-	(35,000)
13217 AUTO & HEAVY EQUIPMENT	56,000	-	(56,000)
13219 MISCELLANEOUS EQUIPMENT	8,000	-	(8,000)
Total Capital Outlay	99,000	-	(99,000)
Transfers			
61505 TRANSFERS-DESIGNATED PROJECT FUND	-	472,345	472,345
Total Transfers	-	472,345	472,345
TOTAL OPERATING AND M&R EXPENSES	3,718,072	4,000,854	282,782
Net Operating Income	35,335	(25,962)	(61,297)

DEBT SERVICE BUDGET

Capacity Charge Revenue			
42680 DEBT SERV-2017 TTHM, BOERNE	30,589	30,589	-
42681 DEBT SERV-2017 TTHM, BREMER	471	471	-
42682 DEBT SERV-2017 TTHM, CLWSC	16,989	16,989	-
42683 DEBT SERV-2017 TTHM, COMAL TRACE	1,765	1,765	-
42684 DEBT SERV-2017 TTHM, COUSER	471	471	-
42685 DEBT SERV-2017 TTHM, FAIR OAKS	22,871	22,871	-
42686 DEBT SERV-2017 TTHM, GBRA CORDILLERA	10,000	10,000	-
42687 DEBT SERV-2017 TTHM, JOHNSON RANCH	7,059	7,059	-
42688 DEBT SERV-2017 TTHM, KENDALL WEST	4,706	4,706	-
42689 DEBT SERV-2017 TTHM, MIRALOMAS	5,294	5,294	-
42690 DEBT SERV-2017 TTHM, SAWS	163,322	163,322	-
Total Capacity Charge Revenue	263,537	263,537	-
Total Debt Revenue	263,537	263,537	-

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
	Principal Payments Expense			
21212	BOND-2017 WCANYON AERATION	<u>107,083</u>	<u>110,000</u>	<u>2,917</u>
	Total Principal Payments Expense	<u>107,083</u>	<u>110,000</u>	<u>2,917</u>
	Interest Expense			
57214	INT-2017 WCANYON AERATION	<u>130,788</u>	<u>127,575</u>	<u>(3,213)</u>
	Total Interest Expense	<u>130,788</u>	<u>127,575</u>	<u>(3,213)</u>
	Total Debt Expense	<u>237,871</u>	<u>237,575</u>	<u>(296)</u>
	Net Change in Debt Service Budget	<u>25,666</u>	<u>25,962</u>	<u>296</u>
	Net Change in Fund Balance	<u>61,001</u>	<u>-</u>	<u>(61,001)</u>



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Canyon Park WWT

Canyon Park Estates Waste Water Treatment Plant

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

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

-
- | | |
|--|-----------------------------------|
| • Service Provided: Wastewater treatment | • Service Area: Comal County |
| • Location: Canyon Lake, Texas | • Permitted Capacity: 180,000 GPD |
| • Startup Date: September 24, 1974 | • Budgeted Revenue: \$442,308 |

Rural Utilities Division

Canyon Park Wastewater Treatment Plant System

Operating Plan for Fiscal Year Ending 8/31/21

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 \$442,308 for FY 21 which is \$40,908 or 8.4% less than FY 20.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The following Work Plan and Budget describes the operations and maintenance to be performed during FY 21 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.

Six 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 provides 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 \$158,465, power & utilities of \$22,000, chemicals of \$18,000, laboratory supplies and services of \$22,000, interdivisional equipment rentals of \$4,284 including belt press and hydro jetter camera, and maintenance & repair costs of \$114,500 including rehabilitation of the clarifier.

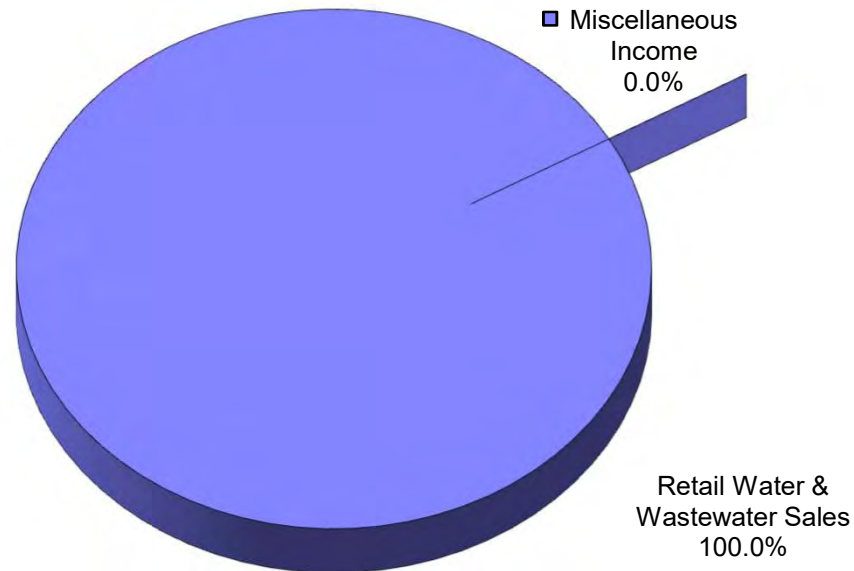
FUND BALANCE

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

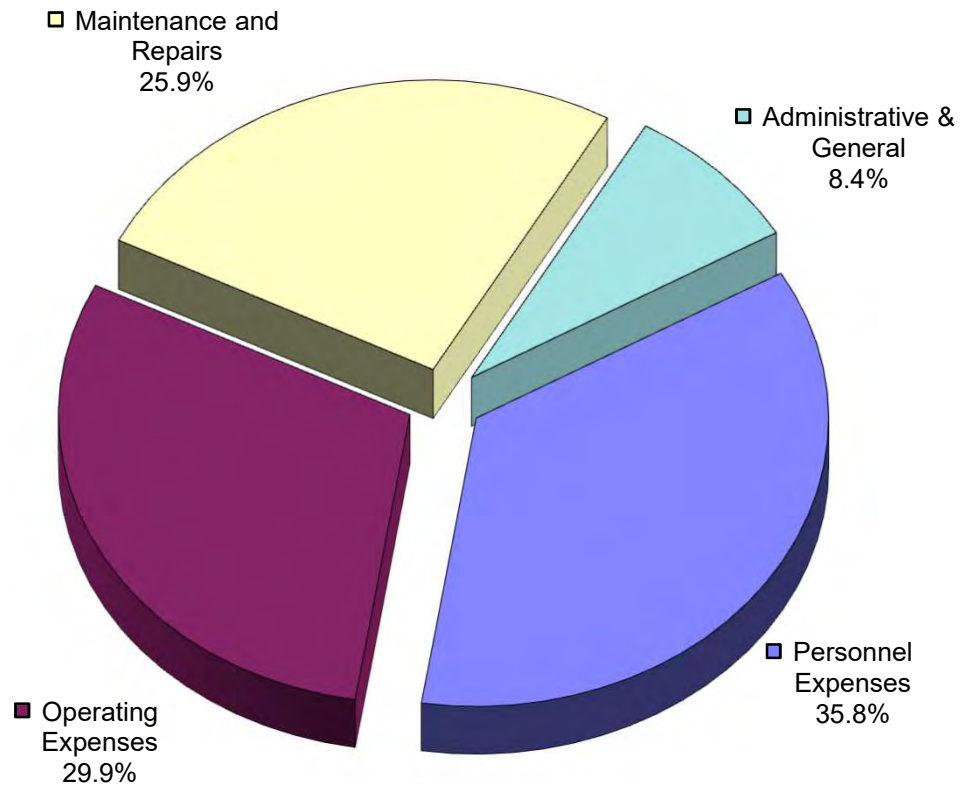


Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	399,881	483,216	442,308
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest	109		
Grant & Interlocal Agreement Income			
Miscellaneous Income	705		
Total Operating Revenue	400,695	483,216	442,308
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	400,695	483,216	442,308



Budget Summary

EXPENSES - CANYON PARK WWTP



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	163,014	240,445	158,465
Operating Expenses	111,111	129,746	132,123
Maintenance and Repairs	21,674	50,000	114,500
Administrative & General	38,284	56,475	37,220
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	334,083	476,666	442,308
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	334,083	476,666	442,308

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**032 - Canyon Park WWTP
Department ***

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Retail Wastewater			
42401 WASTEWATER SERVICES	438,216	442,308	4,092
42402 SEWER CONNECTION/INSP FEES	45,000	-	(45,000)
Total Retail Wastewater	483,216	442,308	(40,908)
Total Operating Revenue	483,216	442,308	(40,908)
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	161,453	93,614	(67,839)
51102 LBR-OVERTIME	9,682	19,172	9,490
Total Salaries	171,135	112,786	(58,349)
Benefits			
51298 BEN-BENEFIT ALLOCATION	69,310	45,679	(23,631)
Total Benefits	69,310	45,679	(23,631)
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	20,000	22,000	2,000
52102 OPR-AUXILIARY POWER EXPENSE	1,000	4,500	3,500
52103 OPR-CHEMICALS	14,000	18,000	4,000
52110 OPR-SMALL TOOLS AND SUPPLIES	1,000	1,000	-
52113 OPR-LAB SUPPLIES	3,000	4,000	1,000
52114 OPR-LABORATORY SERVICES-GBRA	16,000	18,000	2,000
52118 OPR-DISPOSAL SERVICES	8,000	10,000	2,000
52120 OPR-UNIFORMS	1,000	1,000	-
52121 OPR-SAFETY & EMERGENCY EXPENSE	3,000	1,500	(1,500)
52123 OPR-EQUIPMENT RENTAL	10,000	4,284	(5,716)
52124 OPR-EQUIPMENT EXPENSE	1,000	-	(1,000)
52125 OPR-VEHICLE EXPENSE	7,500	5,000	(2,500)
52126 OPR-FLEET LEASE EXPENSE	9,600	11,105	1,505
52133 OPR-SCADA	2,500	4,300	1,800

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
Total Operating Supplies & Services	97,600	104,689	7,089
Professional Services and Fees			
52205 OPR-PROFESSIONAL SERVICES-OTHER	1,000	1,500	500
52217 OPR-INSPECTION FEES	4,000	1,500	(2,500)
52220 OPR-BANK FEES	960	1,000	40
52222 OPR-MEMBERSHIPS & PUBLICATIONS	400	400	-
52223 OPR-LICENSE & TRAINING	2,000	2,000	-
52224 OPR-TRAVEL	400	1,000	600
Total Professional Services and Fees	8,760	7,400	(1,360)
Office Expenses			
52301 OPR-OFFICE SUPPLIES	250	500	250
52302 OPR-COMPUTER & SOFTWARE EXPENSE	1,800	1,800	-
52305 OPR-POSTAGE AND FREIGHT EXPENSE	100	300	200
52306 OPR-COMMUNICATIONS	2,000	3,000	1,000
Total Office Expenses	4,150	5,600	1,450
Other Operating Expenses			
52403 OPR-OFFICE/BUILDING RENTAL	2,736	-	(2,736)
52420 OPR-INSURANCE EXPENSE	13,500	11,934	(1,566)
52430 OPR-MISC EXPENSE	3,000	2,500	(500)
Total Other Operating Expenses	19,236	14,434	(4,802)
SUBTOTAL OF OPERATIONAL EXPENSES	370,191	290,588	(79,603)
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	5,000	5,000	-
53105 M&R-GENERATORS	2,000	3,000	1,000
53110 M&R-CONTROL SYSTEMS	1,000	-	(1,000)
Total Maintenance and Repair Equipment	8,000	8,000	-
Structures			
53201 M&R-BUILDING	2,000	3,000	1,000
53205 M&R-PUMPS AND MOTORS	20,000	35,000	15,000
53210 M&R-GATES AND VALVES	4,000	2,000	(2,000)
53215 M&R-LIFTSTATIONS	3,000	5,000	2,000
53220 M&R-CLARIFIERS	1,000	30,000	29,000
Total Structures	30,000	75,000	45,000
Other Maintenance & Repairs			
53325 M&R-GENERAL MAINTENANCE	10,000	30,000	20,000
53399 M&R-MISC EXPENSE	2,000	1,500	(500)
Total Other Maintenance & Repairs	12,000	31,500	19,500

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
SUBTOTAL OF M&R EXPENSES	<u>50,000</u>	<u>114,500</u>	<u>64,500</u>
Administrative & General			
54100 ADMINISTRATIVE & GENERAL	<u>56,475</u>	<u>37,220</u>	<u>(19,255)</u>
Total Administrative & General	<u>56,475</u>	<u>37,220</u>	<u>(19,255)</u>
TOTAL OPERATING AND M&R EXPENSES	<u>476,666</u>	<u>442,308</u>	<u>(34,358)</u>
Net Operating Income	<u>6,550</u>	<u>-</u>	<u>(6,550)</u>
Net Change in Fund Balance	<u>6,550</u>	<u>-</u>	<u>(6,550)</u>



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4S Ranch WWT

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.

-
- | | |
|---|---|
| <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: \$285,000 |
|---|---|

Western Canyon Division

Four S Ranch Wastewater Reclamation System

Operating Plan for Fiscal Year Ending 8/31/21

BACKGROUND

The following Work Plan and Budget is based on GBRA providing operational and inspection services for a temporary plant until final construction of a permanent plant. The new plant is expected to be operational in FY 21. 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

Six 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 provides 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 2021 service revenue for the Four S Ranch Wastewater System is \$285,000.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The combined capital additions and operating expenditure budget for FY 2021 amounts to \$285,000. Other than personnel costs, significant operating and maintenance expenses for FY 2021 include \$20,000 for power and utilities, \$24,000 for laboratory services and supplies, and \$15,000 for biosolids disposal services.

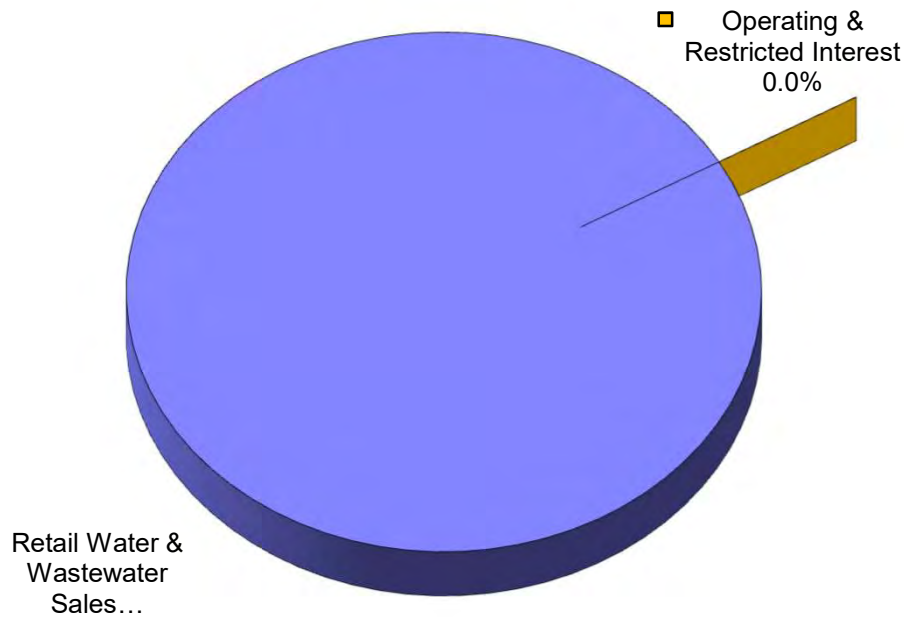
FUND BALANCE

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

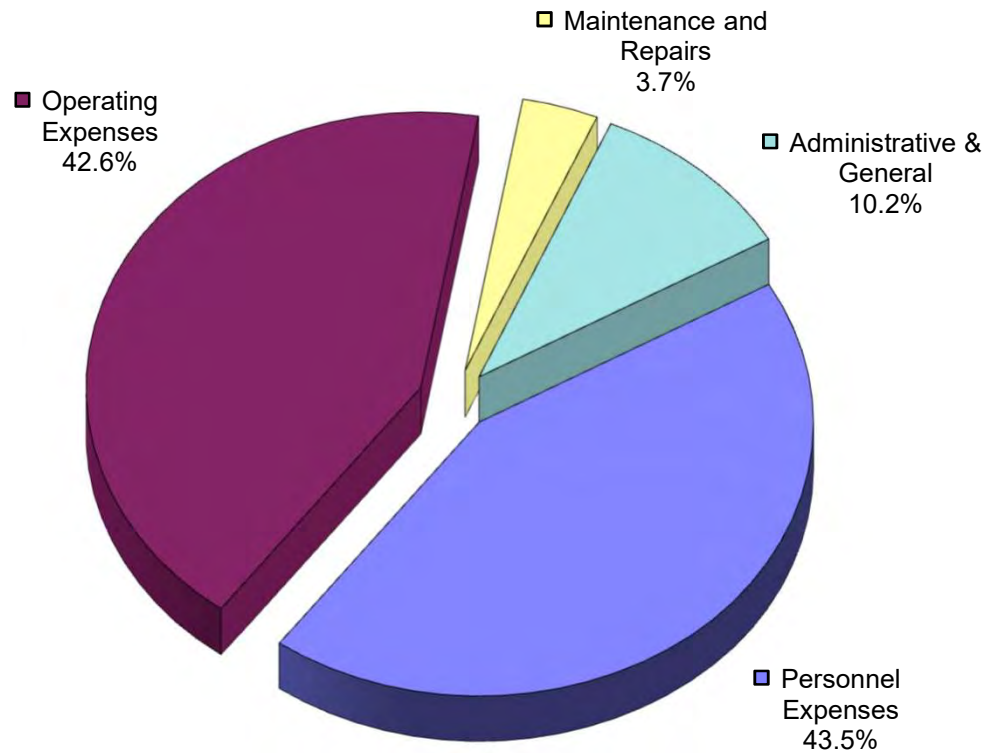


Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	131,407	242,730	285,000
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest	1,654		
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	133,061	242,730	285,000
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	133,061	242,730	285,000



Budget Summary

EXPENSES - 4S RANCH WWRS



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	87,205	98,576	124,007
Operating Expenses	23,091	100,501	121,367
Maintenance and Repairs	2,283	20,500	10,500
Administrative & General	20,482	23,153	29,126
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	133,061	242,730	285,000
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	133,061	242,730	285,000

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

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

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Retail Wastewater			
42401 WASTEWATER SERVICES	121,500	202,500	81,000
42402 SEWER CONNECTION/INSP FEES	55,000	82,500	27,500
42450 CHARGES TO DEVELOPERS	66,230	-	(66,230)
Total Retail Wastewater	242,730	285,000	42,270
Total Operating Revenue	242,730	285,000	42,270
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	64,442	74,848	10,406
51102 LBR-OVERTIME	5,719	13,413	7,694
Total Salaries	70,161	88,261	18,100
Benefits			
51298 BEN-BENEFIT ALLOCATION	28,415	35,746	7,331
Total Benefits	28,415	35,746	7,331
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	10,000	20,000	10,000
52102 OPR-AUXILIARY POWER EXPENSE	800	800	-
52103 OPR-CHEMICALS	20,000	20,000	-
52110 OPR-SMALL TOOLS AND SUPPLIES	700	1,800	1,100
52113 OPR-LAB SUPPLIES	5,000	5,000	-
52114 OPR-LABORATORY SERVICES-GBRA	19,000	19,000	-
52118 OPR-DISPOSAL SERVICES	15,000	15,000	-
52120 OPR-UNIFORMS	700	1,000	300
52121 OPR-SAFTY & EMERGENCY EXPENSE	1,000	1,000	-
52123 OPR-EQUIPMENT RENTAL	9,701	14,520	4,819
52125 OPR-VEHICLE EXPENSE	4,000	4,000	-
52126 OPR-FLEET LEASE EXPENSE	-	2,465	2,465
52133 OPR-SCADA	3,300	4,300	1,000

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
Total Operating Supplies & Services	89,201	108,885	19,684
Professional Services and Fees			
52217 OPR-INSPECTION FEES	1,500	1,500	-
52222 OPR-MEMBERSHIPS & PUBLICATIONS	300	500	200
52223 OPR-LICENSE & TRAINING	1,000	1,200	200
52224 OPR-TRAVEL	500	1,000	500
Total Professional Services and Fees	3,300	4,200	900
Office Expenses			
52301 OPR-OFFICE SUPPLIES	1,000	1,000	-
52302 OPR-COMPUTER & SOFTWARE EXPENSE	3,300	1,500	(1,800)
52305 OPR-POSTAGE AND FREIGHT EXPENSE	-	1,000	1,000
52306 OPR-COMMUNICATIONS	1,200	1,200	-
Total Office Expenses	5,500	4,700	(800)
Other Operating Expenses			
52420 OPR-INSURANCE EXPENSE	1,500	2,582	1,082
52430 OPR-MISC EXPENSE	1,000	1,000	-
Total Other Operating Expenses	2,500	3,582	1,082
SUBTOTAL OF OPERATIONAL EXPENSES	199,077	245,374	46,297
Structures			
53205 M&R-PUMPS AND MOTORS	500	500	-
Total Structures	500	500	-
Other Maintenance & Repairs			
53325 M&R-GENERAL MAINTENANCE	20,000	10,000	(10,000)
Total Other Maintenance & Repairs	20,000	10,000	(10,000)
SUBTOTAL OF M&R EXPENSES	20,500	10,500	(10,000)
Administrative & General			
54100 ADMINISTRATIVE & GENERAL	23,153	29,126	5,973
Total Administrative & General	23,153	29,126	5,973
TOTAL OPERATING AND M&R EXPENSES	242,730	285,000	42,270
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: \$944,500 |
-

Western Canyon Division Cordillera Ranch Subdivision Water System Operating Plan for Fiscal Year Ending 8/31/21

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 \$944,500 during FY 2021. This is an approximate 14.9% increase over FY 2020 budgeted due to an increase in the number of connections within the subdivision.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Operating expenses include \$36,000 for electric cost of operating the pump stations, \$12,000 for water meters, \$1,500 for operating chemicals and \$60,000 for maintenance and repairs to various components of the system.

One additional area of significant cost is titled "Interdivision Water Purchases" totaling \$660,000. This cost includes payments to other GBRA divisions for the storage, treatment, and transmission of water to the Cordillera Water System.

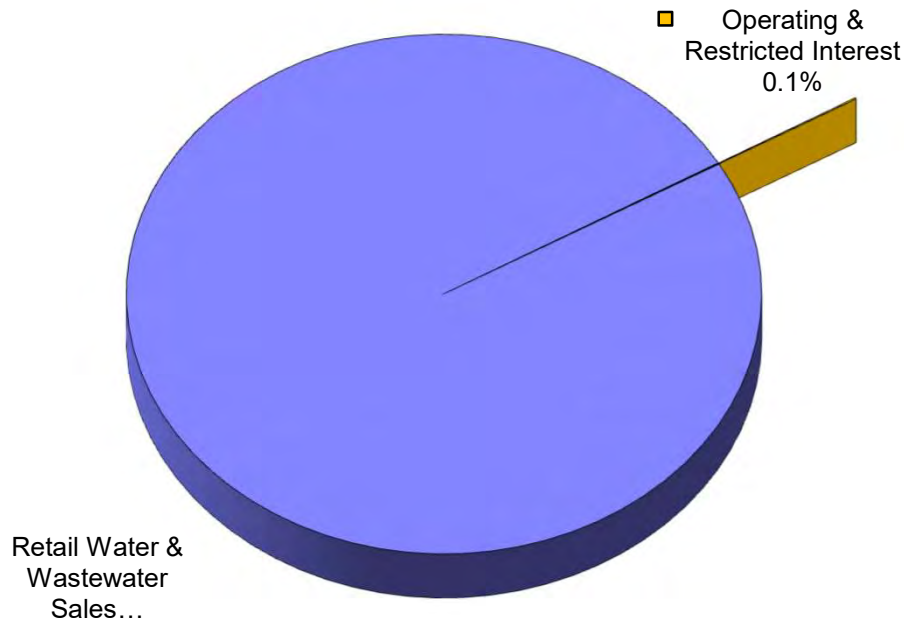
FUND BALANCE

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 \$17,018 and thus an increase in fund balance of that same amount is anticipated.



Budget Summary

REVENUES - CORDILLERA WDS



Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	856,649	811,600	943,750
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest	11,767	10,000	750
Grant & Interlocal Agreement Income			
Miscellaneous Income	2,785		
Total Operating Revenue	871,201	821,600	944,500
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	871,201	821,600	944,500

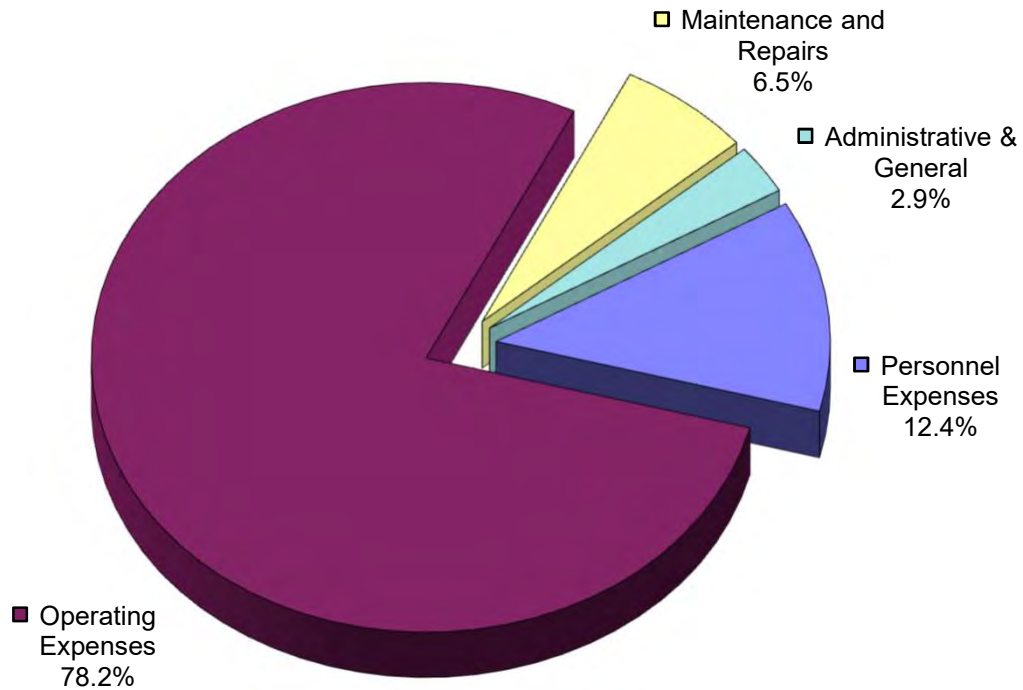


Fiscal Year 2021 Budget

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Budget Summary

EXPENSES - CORDILLERA WDS



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	146,001	106,007	115,054
Operating Expenses	527,991	576,300	725,405
Maintenance and Repairs	27,927	75,000	60,000
Administrative & General	34,292	24,898	27,023
Capital Expense & Outlay	17,565		
Transfers			
Total Operating and M&R Expenses	753,776	782,205	927,482
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	753,776	782,205	927,482

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**052 - Cordillera WDS
Department ***

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Water Sales				
42301	WATER SALES	738,600	879,000	140,400
42302	WHOLESALE WATER SALES	40,000	40,000	-
42310	WATER CONNECTION FEES	33,000	24,750	(8,250)
	Total Retail Water Sales	811,600	943,750	132,150
Operating Interest				
44110	INT-OPR INVESTMENT FUNDS	10,000	750	(9,250)
	Total Operating Interest	10,000	750	(9,250)
	Total Operating Revenue	821,600	944,500	122,900
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	62,631	71,675	9,044
51102	LBR-OVERTIME	12,819	10,214	(2,605)
	Total Salaries	75,450	81,889	6,439
Benefits				
51298	BEN-BENEFIT ALLOCATION	30,557	33,165	2,608
	Total Benefits	30,557	33,165	2,608
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	31,000	36,000	5,000
52103	OPR-CHEMICALS	1,500	1,500	-
52110	OPR-SMALL TOOLS AND SUPPLIES	500	1,500	1,000
52113	OPR-LAB SUPPLIES	1,000	1,000	-
52114	OPR-LABORATORY SERVICES-GBRA	1,000	800	(200)
52115	OPR-LABORATORY SERVICES-OUTSOURCED	650	650	-
52120	OPR-UNIFORMS	-	200	200
52121	OPR-SAFETY & EMERGENCY EXPENSE	500	600	100
52122	OPR-SECURITY EXPENSE	1,000	2,000	1,000

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
52125	OPR-VEHICLE EXPENSE	2,000	2,000	-
52126	OPR-FLEET LEASE EXPENSE	-	1,242	1,242
52133	OPR-SCADA	2,800	4,300	1,500
52150	OPR-WATER PURCHASES/DELIVERY	520,000	660,000	140,000
	Total Operating Supplies & Services	561,950	711,792	149,842
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	2,000	4,000	2,000
52217	OPR-INSPECTION FEES	2,000	2,000	-
52223	OPR-LICENSE & TRAINING	200	200	-
52224	OPR-TRAVEL	500	500	-
	Total Professional Services and Fees	4,700	6,700	2,000
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	500	500	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,150	1,150	-
52305	OPR-POSTAGE AND FREIGHT EXPENSE	-	200	200
52306	OPR-COMMUNICATIONS	1,000	1,000	-
52321	OPR-ECONOMIC DEVELOPMENT	4,000	-	(4,000)
	Total Office Expenses	6,650	2,850	(3,800)
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	3,000	4,063	1,063
	Total Other Operating Expenses	3,000	4,063	1,063
	SUBTOTAL OF OPERATIONAL EXPENSES	682,307	840,459	158,152
	Maintenance and Repair Equipment			
53115	M&R-METERS	16,000	12,000	(4,000)
	Total Maintenance and Repair Equipment	16,000	12,000	(4,000)
	Structures			
53205	M&R-PUMPS AND MOTORS	25,000	2,000	(23,000)
53210	M&R-GATES AND VALVES	2,000	-	(2,000)
53230	M&R-PIPELINES	4,000	12,000	8,000
	Total Structures	31,000	14,000	(17,000)
	Other Maintenance & Repairs			
53302	M&R-WELLS	4,000	20,000	16,000
53325	M&R-GENERAL MAINTENANCE	24,000	14,000	(10,000)
	Total Other Maintenance & Repairs	28,000	34,000	6,000
	SUBTOTAL OF M&R EXPENSES	75,000	60,000	(15,000)
	Administrative & General			

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
54100 ADMINISTRATIVE & GENERAL	<u>24,898</u>	<u>27,023</u>	<u>2,125</u>
Total Administrative & General	<u>24,898</u>	<u>27,023</u>	<u>2,125</u>
TOTAL OPERATING AND M&R EXPENSES	<u>782,205</u>	<u>927,482</u>	<u>145,277</u>
Net Operating Income	<u>39,395</u>	<u>17,018</u>	<u>(22,377)</u>
Net Change in Fund Balance	<u>39,395</u>	<u>17,018</u>	<u>(22,377)</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.

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| <ul style="list-style-type: none">• Service Provided: Wastewater collection and treatment• Location: Boerne, TX• Startup Operation Date: 2006 | <ul style="list-style-type: none">• Service Area: Kendall Co., TX• Capacity: 0.064 MGD• Budgeted Revenue \$434,305 |
|---|--|

Western Canyon Division

Cordillera Ranch Subdivision Sewer System

Operating Plan for Fiscal Year Ending 8/31/21

BACKGROUND

GBRA's Cordillera Ranch Sewer 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 2021 is \$434,305 which is a 2.1% increase over the FY 2020 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 \$23,860 for biosolids disposal costs. Also included is \$137,000 for repairs to one 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.

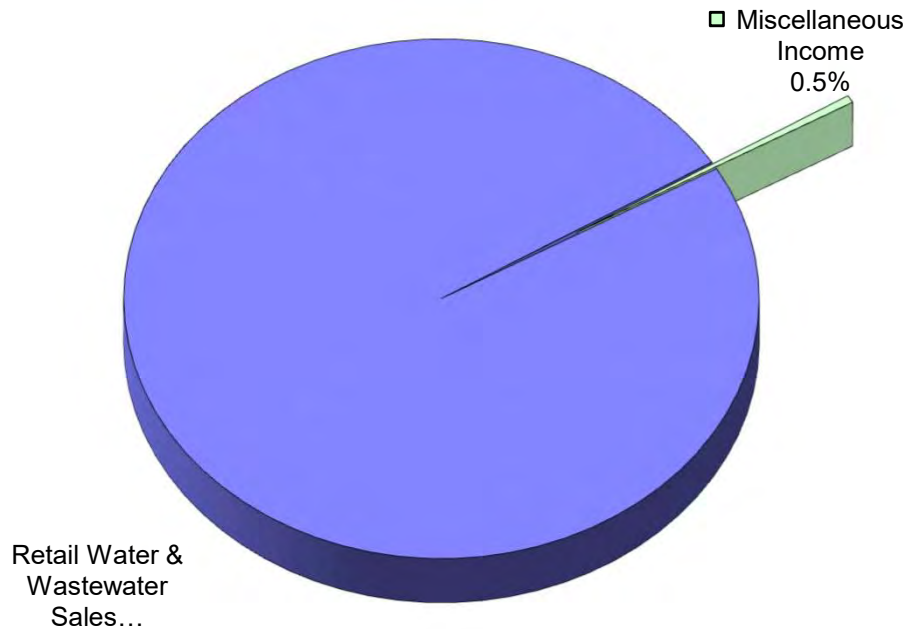
FUND BALANCE

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

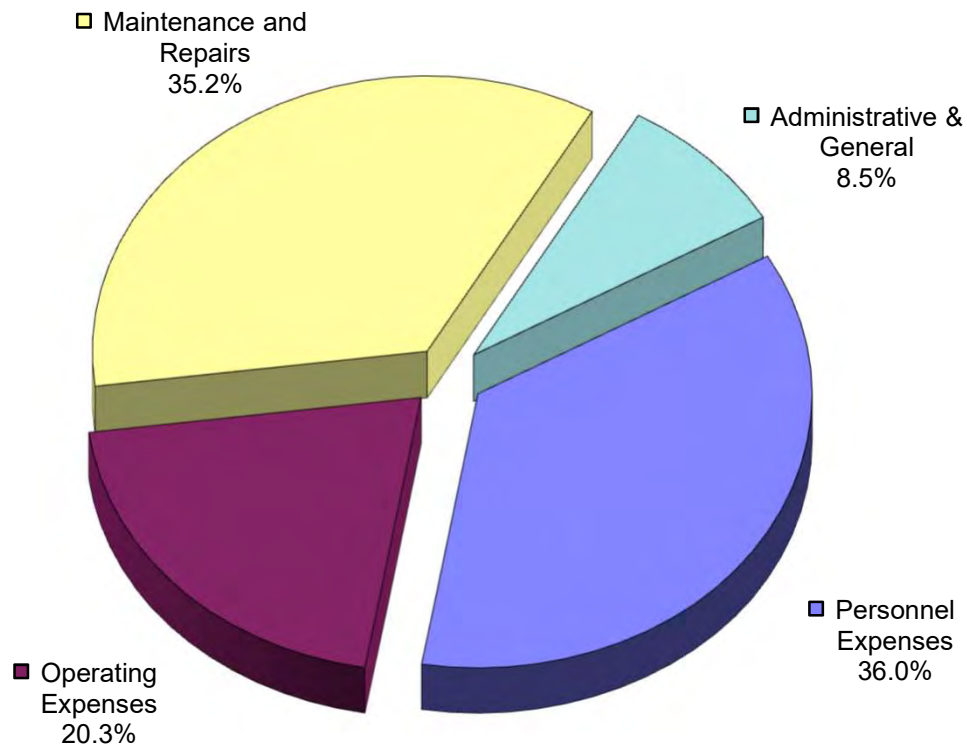


Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	418,747	422,390	432,305
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	2,148	3,000	2,000
Total Operating Revenue	420,895	425,390	434,305
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	420,895	425,390	434,305



Budget Summary

EXPENSES - CORDILLERA WWTP



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	110,946	140,714	156,440
Operating Expenses	82,837	76,650	88,121
Maintenance and Repairs	215,574	174,900	153,000
Administrative & General	26,059	33,050	36,744
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	435,416	425,314	434,305
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	435,416	425,314	434,305

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**053 - Cordillera WWTP
Department ***

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Retail Wastewater			
42401 WASTEWATER SERVICES	297,840	321,930	24,090
42402 SEWER CONNECTION/INSP FEES	116,100	101,625	(14,475)
42404 SERVICE CALL INCOME	8,450	7,550	(900)
42405 TRANSFER FEES	-	1,200	1,200
Total Retail Wastewater	422,390	432,305	9,915
Misc Income			
45195 MISCELLANEOUS REVENUES	3,000	2,000	(1,000)
Total Misc Income	3,000	2,000	(1,000)
Total Operating Revenue	425,390	434,305	8,915
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	90,933	92,667	1,734
51102 LBR-OVERTIME	9,219	18,678	9,459
Total Salaries	100,152	111,345	11,193
Benefits			
51298 BEN-BENEFIT ALLOCATION	40,562	45,095	4,533
Total Benefits	40,562	45,095	4,533
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	3,000	2,500	(500)
52102 OPR-AUXILIARY POWER EXPENSE	5,000	7,000	2,000
52103 OPR-CHEMICALS	1,000	1,500	500
52110 OPR-SMALL TOOLS AND SUPPLIES	500	700	200
52113 OPR-LAB SUPPLIES	4,000	4,000	-
52114 OPR-LABORATORY SERVICES-GBRA	14,500	13,000	(1,500)
52118 OPR-DISPOSAL SERVICES	25,000	23,860	(1,140)
52120 OPR-UNIFORMS	300	1,000	700

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
52121	OPR-SAFETY & EMERGENCY EXPENSE	600	800	200
52123	OPR-EQUIPMENT RENTAL	-	1,664	1,664
52125	OPR-VEHICLE EXPENSE	4,000	4,000	-
52126	OPR-FLEET LEASE EXPENSE	-	3,372	3,372
52133	OPR-SCADA	2,800	4,300	1,500
	Total Operating Supplies & Services	60,700	67,696	6,996
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	-	2,000	2,000
52217	OPR-INSPECTION FEES	1,500	1,500	-
52222	OPR-MEMBERSHIPS & PUBLICATIONS	-	300	300
52223	OPR-LICENSE & TRAINING	500	1,000	500
52224	OPR-TRAVEL	300	800	500
	Total Professional Services and Fees	2,300	5,600	3,300
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	500	500	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	3,600	1,600	(2,000)
52305	OPR-POSTAGE AND FREIGHT EXPENSE	-	1,000	1,000
52306	OPR-COMMUNICATIONS	5,050	6,000	950
	Total Office Expenses	9,150	9,100	(50)
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	3,500	4,725	1,225
52430	OPR-MISC EXPENSE	1,000	1,000	-
	Total Other Operating Expenses	4,500	5,725	1,225
	SUBTOTAL OF OPERATIONAL EXPENSES	217,364	244,561	27,197
	Structures			
53205	M&R-PUMPS AND MOTORS	100,000	104,000	4,000
53215	M&R-LIFTSTATIONS	33,000	33,000	-
	Total Structures	133,000	137,000	4,000
	Other Maintenance & Repairs			
53325	M&R-GENERAL MAINTENANCE	41,900	16,000	(25,900)
	Total Other Maintenance & Repairs	41,900	16,000	(25,900)
	SUBTOTAL OF M&R EXPENSES	174,900	153,000	(21,900)
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	33,050	36,744	3,694
	Total Administrative & General	33,050	36,744	3,694
	TOTAL OPERATING AND M&R EXPENSES	425,314	434,305	8,991

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
Net Operating Income	<u>76</u>	<u>-</u>	<u>(76)</u>
Net Change in Fund Balance	<u>76</u>	<u>-</u>	<u>(76)</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.

-
- | | |
|--|---|
| <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: \$290,392 |
|--|---|

Western Canyon Division

Comal Trace Water Distribution System

Operating Plan for Fiscal Year Ending 8/31/21

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 \$288,392 in FY 2021.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Operating expenses include \$120,000 for interdivisional water transfer costs from the Western Canyon Regional Water Supply Project. Additional significant costs include \$12,500 for power to operate the wells and booster pumps, \$7,500 to replace residential water meters, and \$32,150 for material and services related to maintaining and repairing the water wells and distribution system.

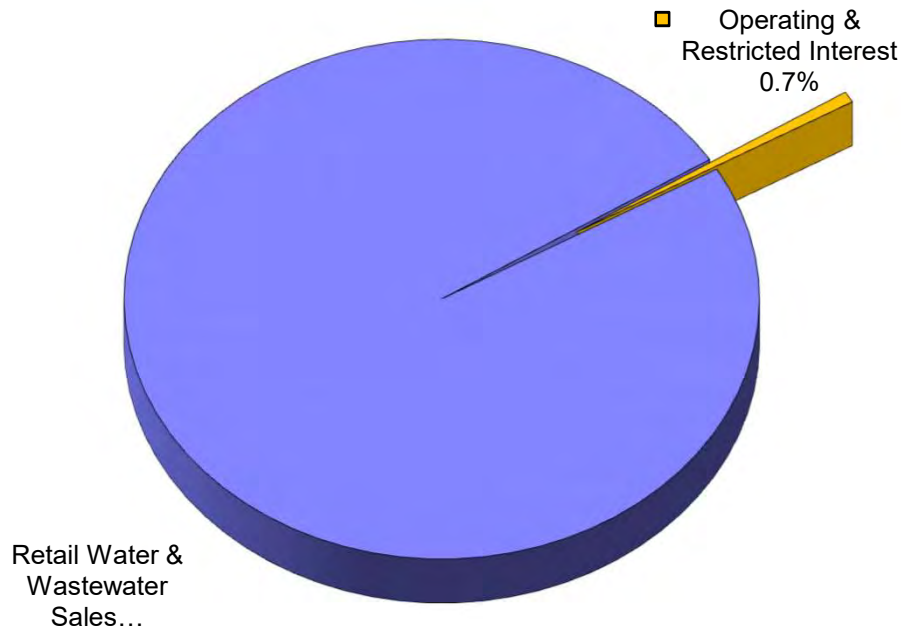
FUND BALANCE

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 2021 is \$0.



Budget Summary

REVENUES - COMAL TRACE WDS

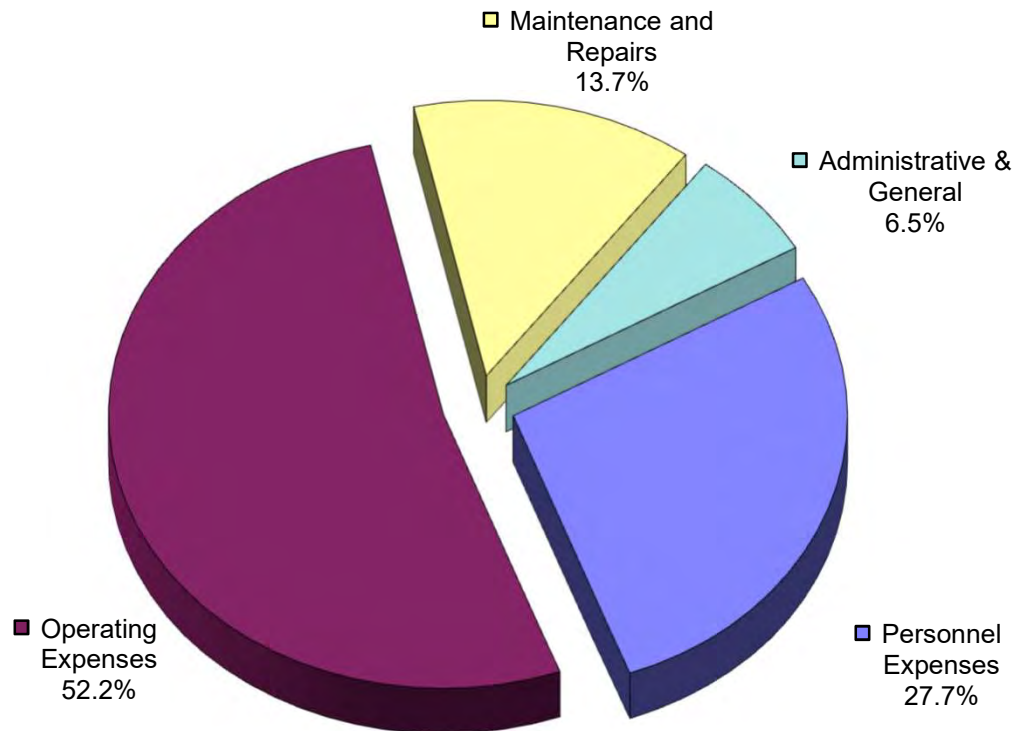


Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	263,051	260,970	288,392
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest	25,213	16,000	2,000
Grant & Interlocal Agreement Income			
Miscellaneous Income	808		
Total Operating Revenue	289,072	276,970	290,392
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	289,072	276,970	290,392



Budget Summary

EXPENSES - COMAL TRACE WDS



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	55,871	71,783	80,345
Operating Expenses	139,753	113,050	151,526
Maintenance and Repairs	9,318	34,650	39,650
Administrative & General	13,123	16,860	18,871
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	218,065	236,343	290,392
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	218,065	236,343	290,392

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**054 - Comal Trace WDS
Department ***

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Water Sales				
42301	WATER SALES	257,970	285,392	27,422
42310	WATER CONNECTION FEES	3,000	3,000	-
	Total Retail Water Sales	260,970	288,392	27,422
Operating Interest				
44110	INT-OPR INVESTMENT FUNDS	16,000	2,000	(14,000)
	Total Operating Interest	16,000	2,000	(14,000)
	Total Operating Revenue	276,970	290,392	13,422
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	50,114	51,639	1,525
51102	LBR-OVERTIME	977	5,546	4,569
	Total Salaries	51,091	57,185	6,094
Benefits				
51298	BEN-BENEFIT ALLOCATION	20,692	23,160	2,468
	Total Benefits	20,692	23,160	2,468
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	12,000	12,500	500
52103	OPR-CHEMICALS	300	400	100
52110	OPR-SMALL TOOLS AND SUPPLIES	100	200	100
52113	OPR-LAB SUPPLIES	500	500	-
52114	OPR-LABORATORY SERVICES-GBRA	800	600	(200)
52115	OPR-LABORATORY SERVICES-OUTSOURCED	1,000	1,000	-
52120	OPR-UNIFORMS	500	500	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	500	500	-
52125	OPR-VEHICLE EXPENSE	1,500	1,500	-
52126	OPR-FLEET LEASE EXPENSE	-	375	375

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
52133	OPR-SCADA	2,800	4,300	1,500
52150	OPR-WATER PURCHASES/DELIVERY	85,000	120,000	35,000
	Total Operating Supplies & Services	105,000	142,375	37,375
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	1,500	1,500	-
52217	OPR-INSPECTION FEES	1,000	608	(392)
	Total Professional Services and Fees	2,500	2,108	(392)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	200	400	200
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,850	1,850	-
52305	OPR-POSTAGE AND FREIGHT EXPENSE	-	600	600
52306	OPR-COMMUNICATIONS	1,500	1,600	100
	Total Office Expenses	3,550	4,450	900
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	2,000	2,593	593
	Total Other Operating Expenses	2,000	2,593	593
	SUBTOTAL OF OPERATIONAL EXPENSES	184,833	231,871	47,038
	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	5,000	3,000	(2,000)
	Total Structures	5,000	3,000	(2,000)
	Other Maintenance & Repairs			
53302	M&R-WELLS	-	12,000	12,000
53325	M&R-GENERAL MAINTENANCE	20,000	15,000	(5,000)
	Total Other Maintenance & Repairs	20,000	27,000	7,000
	SUBTOTAL OF M&R EXPENSES	34,650	39,650	5,000
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	16,860	18,871	2,011
	Total Administrative & General	16,860	18,871	2,011
	TOTAL OPERATING AND M&R EXPENSES	236,343	290,392	54,049
	Net Operating Income	40,627	-	(40,627)

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
Net Change in Fund Balance	<u>40,627</u>	<u>-</u>	<u>(40,627)</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 | • Capacity: 0.8 MGD |
| • Location: Bulverde, TX | • Budgeted Revenue: \$867,180 |
| • Startup Operation Date: 2006 | |
| • Service Area: Comal Co., TX | |

Western Canyon Division

Johnson Ranch Water Distribution System

Operating Plan for Fiscal Year Ending 8/31/21

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 2021.

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 \$867,180 during FY 2021.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Operating expenses include \$300,000 for interdivisional water purchases and delivery from the Western Canyon Regional Water Supply Project. Other substantive operating costs include \$10,000 for power to operate the booster stations, \$9,950 to maintain emergency generators located on site, \$15,000 for residential water meters, and \$4,000 for material and services related to maintaining and repairing the system. There are no capital additions planned for FY 2021.

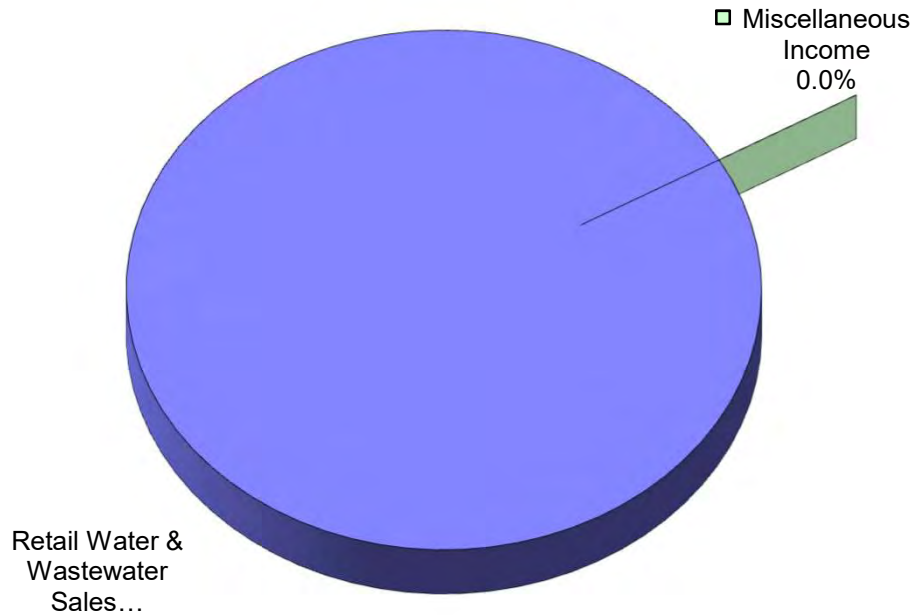
FUND BALANCE

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 \$346,790.



Budget Summary

REVENUES - JOHNSON RANCH WDS

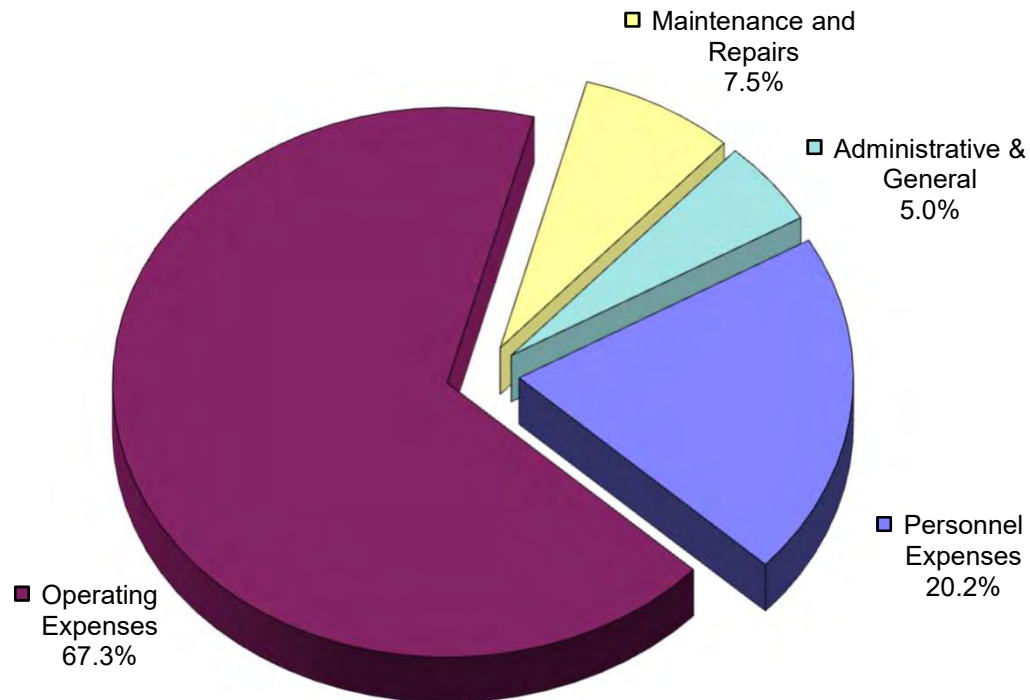


Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	603,524	785,180	867,180
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	5,711	5,000	
Total Operating Revenue	609,235	790,180	867,180
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	609,235	790,180	867,180



Budget Summary

EXPENSES - JOHNSON RANCH WDS



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	78,282	85,157	104,994
Operating Expenses	281,248	310,800	350,392
Maintenance and Repairs	7,049	37,000	39,000
Administrative & General	18,387	20,001	26,004
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	384,966	452,958	520,390
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	384,966	452,958	520,390

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**055 - Johnson Ranch WDS
Department ***

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Water Sales				
42301	WATER SALES	723,180	723,180	-
42310	WATER CONNECTION FEES	60,000	144,000	84,000
42340	TRANSFER FEES	2,000	-	(2,000)
	Total Retail Water Sales	785,180	867,180	82,000
Misc Income				
45195	MISCELLANEOUS REVENUES	5,000	-	(5,000)
	Total Misc Income	5,000	-	(5,000)
	Total Operating Revenue	790,180	867,180	77,000
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	50,589	67,242	16,653
51102	LBR-OVERTIME	10,021	11,556	1,535
	Total Salaries	60,610	78,798	18,188
Benefits				
51298	BEN-BENEFIT ALLOCATION	24,547	31,914	7,367
	Total Benefits	24,547	31,914	7,367
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	10,000	10,000	-
52102	OPR-AUXILIARY POWER EXPENSE	9,950	9,950	-
52103	OPR-CHEMICALS	800	1,400	600
52110	OPR-SMALL TOOLS AND SUPPLIES	100	500	400
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-SAFETY & EMERGENCY EXPENSE	500	500	-

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
52122	OPR-SECURITY EXPENSE	500	500	-
52124	OPR-EQUIPMENT EXPENSE	1,500	1,500	-
52125	OPR-VEHICLE EXPENSE	4,000	4,000	-
52126	OPR-FLEET LEASE EXPENSE	-	734	734
52133	OPR-SCADA	2,800	4,300	1,500
52150	OPR-WATER PURCHASES/DELIVERY	260,500	300,000	39,500
	Total Operating Supplies & Services	293,150	335,884	42,734
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	10,000	600	(9,400)
52217	OPR-INSPECTION FEES	1,300	2,000	700
52223	OPR-LICENSE & TRAINING	200	200	-
52224	OPR-TRAVEL	1,000	500	(500)
	Total Professional Services and Fees	12,500	3,300	(9,200)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	1,000	600	(400)
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,150	1,150	-
52305	OPR-POSTAGE AND FREIGHT EXPENSE	-	300	300
52306	OPR-COMMUNICATIONS	1,000	1,000	-
	Total Office Expenses	3,150	3,050	(100)
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	2,000	2,440	440
	Total Other Operating Expenses	2,000	2,440	440
	SUBTOTAL OF OPERATIONAL EXPENSES	395,957	455,386	59,429
	Maintenance and Repair Equipment			
53115	M&R-METERS	11,000	15,000	4,000
	Total Maintenance and Repair Equipment	11,000	15,000	4,000
	Structures			
53205	M&R-PUMPS AND MOTORS	4,000	-	(4,000)
53230	M&R-PIPELINES	2,000	4,000	2,000
	Total Structures	6,000	4,000	(2,000)
	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	37,000	39,000	2,000
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	20,001	26,004	6,003

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
Total Administrative & General	20,001	26,004	6,003
TOTAL OPERATING AND M&R EXPENSES	452,958	520,390	67,432
Net Operating Income	337,222	346,790	9,568
Net Change in Fund Balance	337,222	346,790	9,568



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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.

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- | | |
|---|---|
| <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: \$395,694 |
|---|---|

Western Canyon Division
Johnson Ranch Wastewater Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/21

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. Under the permanent facility is completed in FY 21, two temporary treatment plants continue to operate for treatment of 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 \$395,694 during FY 2021 which is \$44,730 or 12.7% more than the FY 2020 service fee budget due primarily to growth in the number of connections.

CAPITAL ADDITIONS AND OPERATING EXPENSES

The Division Manager for Comal/Kendall Counties provides overall supervision of the system. Six 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 2021 are personnel costs in the amount of \$127,113. Other significant operating costs include \$40,000 for chemicals, \$32,000 for lab supplies and services, and \$63,000 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 included at \$66,000. There is no capital outlay anticipated for FY 21.

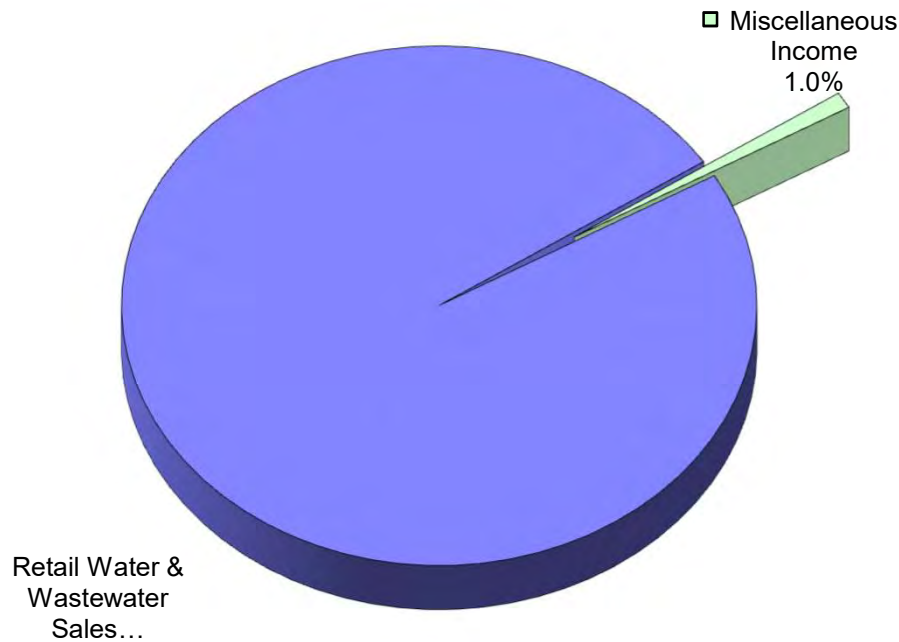
FUND BALANCE

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 \$0.



Budget Summary

REVENUES - JOHNSON RANCH WWTP

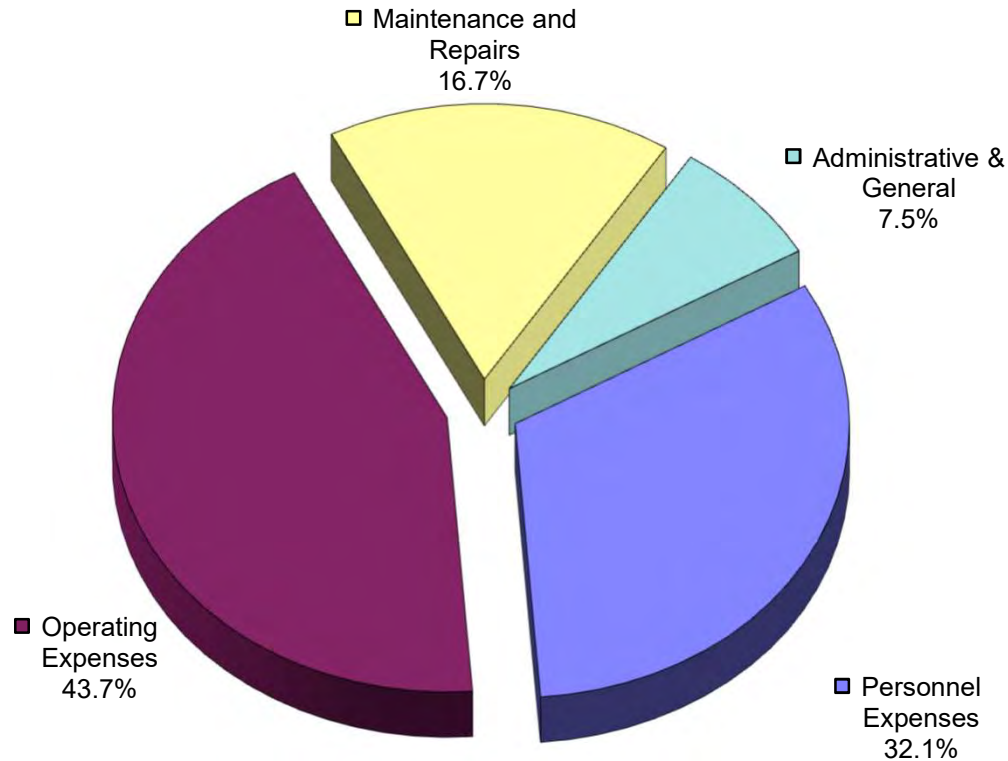


Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	295,120	345,964	391,694
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	2,712	5,000	4,000
Total Operating Revenue	297,832	350,964	395,694
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	297,832	350,964	395,694



Budget Summary

EXPENSES - JOHNSON RANCH WWTP



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	101,209	141,415	127,113
Operating Expenses	255,365	150,334	172,725
Maintenance and Repairs	31,950	26,000	66,000
Administrative & General	23,772	33,215	29,856
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	412,296	350,964	395,694
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	412,296	350,964	395,694

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**056 - Johnson Ranch WWTP
Department ***

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	332,214	369,694	37,480
42402	SEWER CONNECTION/INSP FEES	13,750	22,000	8,250
	Total Retail Wastewater	345,964	391,694	45,730
Misc Income				
45195	MISCELLANEOUS REVENUES	5,000	4,000	(1,000)
	Total Misc Income	5,000	4,000	(1,000)
	Total Operating Revenue	350,964	395,694	44,730
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	87,699	80,072	(7,627)
51102	LBR-OVERTIME	12,952	10,400	(2,552)
	Total Salaries	100,651	90,472	(10,179)
Benefits				
51298	BEN-BENEFIT ALLOCATION	40,764	36,641	(4,123)
	Total Benefits	40,764	36,641	(4,123)
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	1,000	-	(1,000)
52102	OPR-AUXILIARY POWER EXPENSE	5,100	8,000	2,900
52103	OPR-CHEMICALS	40,000	40,000	-
52110	OPR-SMALL TOOLS AND SUPPLIES	500	1,500	1,000
52113	OPR-LAB SUPPLIES	6,000	6,000	-
52114	OPR-LABORATORY SERVICES-GBRA	30,000	26,000	(4,000)
52118	OPR-DISPOSAL SERVICES	51,234	63,000	11,766
52120	OPR-UNIFORMS	-	1,000	1,000
52121	OPR-SAFETY & EMERGENCY EXPENSE	1,000	1,000	-
52123	OPR-EQUIPMENT RENTAL	-	8,318	8,318

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
52125	OPR-VEHICLE EXPENSE	1,500	-	(1,500)
52126	OPR-FLEET LEASE EXPENSE	-	1,670	1,670
52133	OPR-SCADA	4,800	4,300	(500)
	Total Operating Supplies & Services	141,134	160,788	19,654
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	-	1,000	1,000
52222	OPR-MEMBERSHIPS & PUBLICATIONS	300	300	-
52223	OPR-LICENSE & TRAINING	1,000	1,500	500
52224	OPR-TRAVEL	300	500	200
	Total Professional Services and Fees	1,600	3,300	1,700
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	800	800	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	3,100	1,600	(1,500)
52305	OPR-POSTAGE AND FREIGHT EXPENSE	-	1,500	1,500
52306	OPR-COMMUNICATIONS	1,200	1,500	300
	Total Office Expenses	5,100	5,400	300
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	1,500	2,237	737
52430	OPR-MISC EXPENSE	1,000	1,000	-
	Total Other Operating Expenses	2,500	3,237	737
	SUBTOTAL OF OPERATIONAL EXPENSES	291,749	299,838	8,089
	Maintenance and Repair Equipment			
53105	M&R-GENERATORS	-	35,000	35,000
	Total Maintenance and Repair Equipment	-	35,000	35,000
	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	20,000	25,000	5,000
	Total Other Maintenance & Repairs	20,000	25,000	5,000
	SUBTOTAL OF M&R EXPENSES	26,000	66,000	40,000
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	33,215	29,856	(3,359)
	Total Administrative & General	33,215	29,856	(3,359)
	TOTAL OPERATING AND M&R EXPENSES	350,964	395,694	44,730

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
Net Operating Income	<u>-</u>	<u>-</u>	<u>-</u>
Net Change in Fund Balance	<u>-</u>	<u>-</u>	<u>-</u>



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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: \$307,405 |

Western Canyon Division
Singing Hills Wastewater Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/21

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. The City makes monthly payments to GBRA in the amount of one-twelfth of the FY 2021 budgeted expenses. In total, revenue for FY 2021 is budgeted at \$307,405.

CAPITAL ADDITIONS AND OPERATING EXPENSES

In addition to personnel costs, other significant operating costs include total chemical expenses at \$20,000, laboratory supplies and services at \$28,000, and biosolids disposal at \$25,000. There are no capital purchases budgeted for FY 2021.

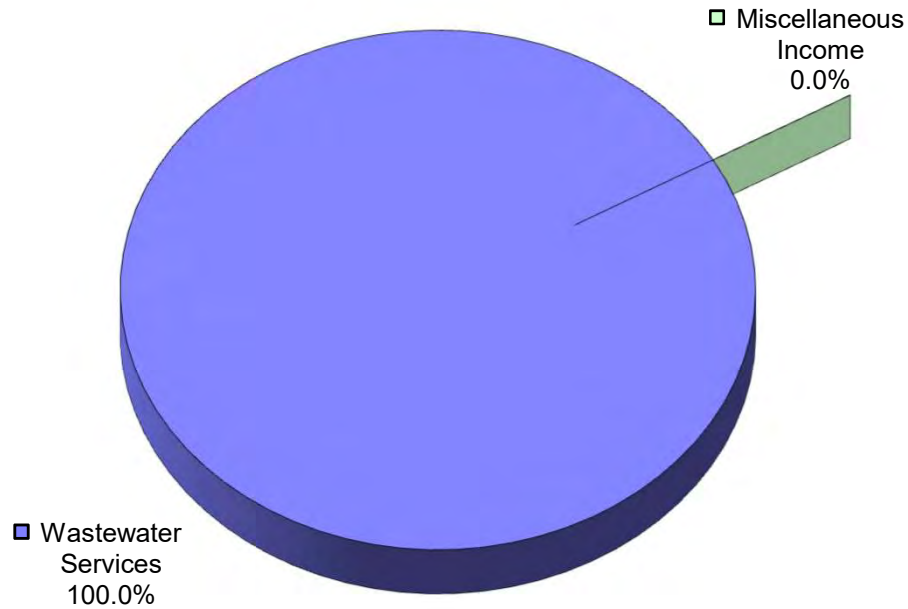
FUND BALANCE

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

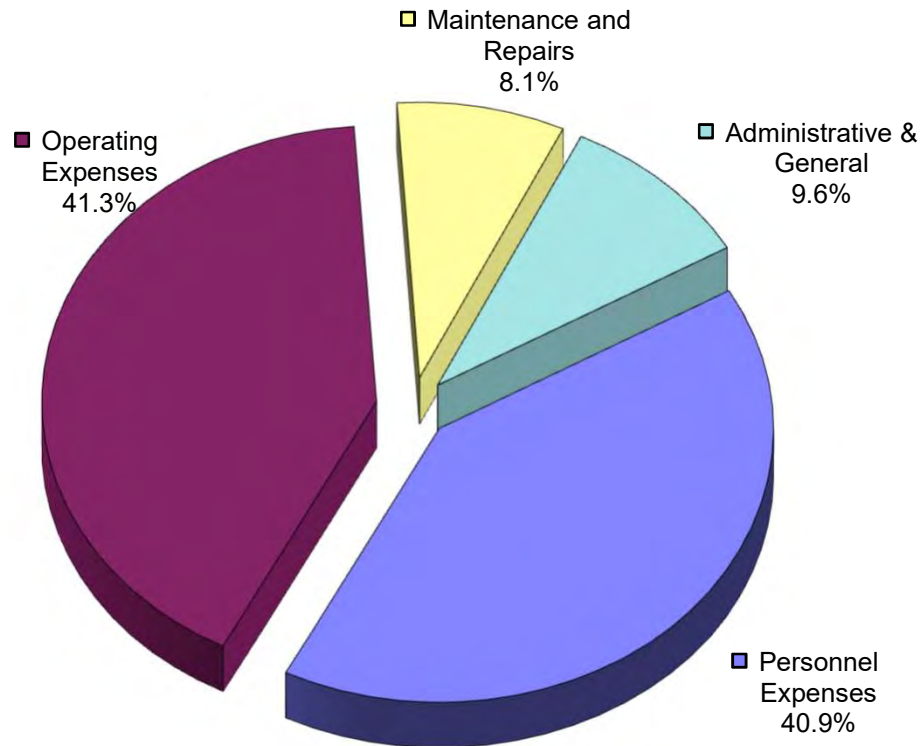


Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services	194,565	304,483	307,405
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	2,900		
Total Operating Revenue	197,465	304,483	307,405
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	197,465	304,483	307,405



Budget Summary

EXPENSES - SINGING HILLS WWTP



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	75,632	104,288	125,769
Operating Expenses	82,490	109,200	127,096
Maintenance and Repairs	21,579	25,000	25,000
Administrative & General	17,764	24,495	29,540
Capital Expense & Outlay		41,500	
Transfers			
Total Operating and M&R Expenses	197,465	304,483	307,405
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	197,465	304,483	307,405

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

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

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wastewater Treatment				
41201	WW-OPR & MAINTENANCE	304,483	307,405	2,922
	Total Wastewater Treatment	304,483	307,405	2,922
	Total Operating Revenue	304,483	307,405	2,922
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	68,039	72,713	4,674
51102	LBR-OVERTIME	6,187	16,802	10,615
	Total Salaries	74,226	89,515	15,289
Benefits				
51298	BEN-BENEFIT ALLOCATION	30,062	36,254	6,192
	Total Benefits	30,062	36,254	6,192
Operating Supplies & Services				
52102	OPR-AUXILIARY POWER EXPENSE	5,000	6,500	1,500
52103	OPR-CHEMICALS	27,000	20,000	(7,000)
52110	OPR-SMALL TOOLS AND SUPPLIES	500	1,700	1,200
52113	OPR-LAB SUPPLIES	6,000	6,000	-
52114	OPR-LABORATORY SERVICES-GBRA	22,000	22,000	-
52118	OPR-DISPOSAL SERVICES	21,500	25,000	3,500
52120	OPR-UNIFORMS	-	1,000	1,000
52121	OPR-SAFETY & EMERGENCY EXPENSE	1,000	1,000	-
52125	OPR-VEHICLE EXPENSE	4,000	4,000	-
52126	OPR-FLEET LEASE EXPENSE	-	1,576	1,576
52133	OPR-SCADA	3,500	3,500	-
	Total Operating Supplies & Services	90,500	92,276	1,776
Professional Services and Fees				
52205	OPR-PROFESSIONAL SERVICES-OTHER	-	3,000	3,000

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
52217 OPR-INSPECTION FEES	-	1,500	1,500
52219 OPR-CUSTOMER BILLING FEES	12,000	19,200	7,200
52222 OPR-MEMBERSHIPS & PUBLICATIONS	500	500	-
52223 OPR-LICENSE & TRAINING	1,000	2,000	1,000
52224 OPR-TRAVEL	300	1,000	700
Total Professional Services and Fees	13,800	27,200	13,400
Office Expenses			
52301 OPR-OFFICE SUPPLIES	800	1,000	200
52302 OPR-COMPUTER & SOFTWARE EXPENSE	100	1,500	1,400
52306 OPR-COMMUNICATIONS	1,000	1,500	500
Total Office Expenses	1,900	4,000	2,100
Other Operating Expenses			
52420 OPR-INSURANCE EXPENSE	1,500	2,120	620
52430 OPR-MISC EXPENSE	1,500	1,500	-
Total Other Operating Expenses	3,000	3,620	620
SUBTOTAL OF OPERATIONAL EXPENSES	213,488	252,865	39,377
Structures			
53205 M&R-PUMPS AND MOTORS	10,000	10,000	-
Total Structures	10,000	10,000	-
Other Maintenance & Repairs			
53325 M&R-GENERAL MAINTENANCE	15,000	15,000	-
Total Other Maintenance & Repairs	15,000	15,000	-
SUBTOTAL OF M&R EXPENSES	25,000	25,000	-
Administrative & General			
54100 ADMINISTRATIVE & GENERAL	24,495	29,540	5,045
Total Administrative & General	24,495	29,540	5,045
Capital Outlay			
13219 MISCELLANEOUS EQUIPMENT	41,500	-	(41,500)
Total Capital Outlay	41,500	-	(41,500)
TOTAL OPERATING AND M&R EXPENSES	304,483	307,405	2,922
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: \$275,733 |

Western Canyon Division

Park Village Wastewater Reclamation System

Operating Plan for Fiscal Year Ending 8/31/21

BACKGROUND

The following Work Plan and Budget is based on retail wastewater collection and a wastewater treatment plant that came online in spring 2020. Previously, wastewater was trucked to a regional wastewater plant for treatment while the plant was under construction.

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 \$275,733 during FY 2021 which is \$29,725 or 12.1% more than the FY 2020 budget due primarily to growth in the number of connections.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Six 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 provides 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.

The budgeted FY 2021 service revenue for the Park Village Wastewater System is \$275,733.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The combined capital additions and operating expenditure budget for FY 2021 amounts to \$275,733.

Significant operating and maintenance expenses for FY 2021 include \$10,000 for power to operate the wastewater plant, \$13,250 for chemicals, laboratory supplies and services in the amount of \$22,500 and biosolids disposal costs of \$15,400. There are not capital additions.

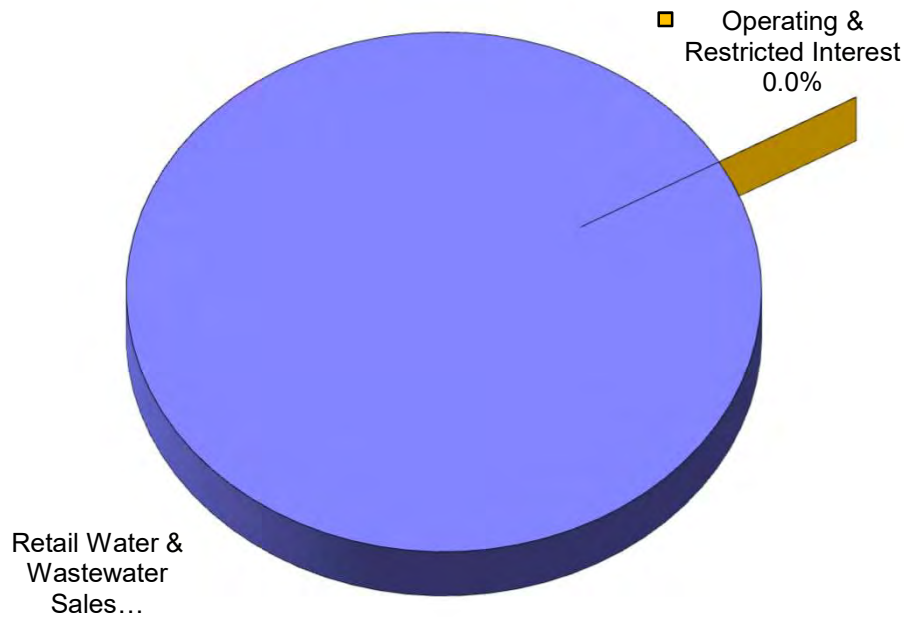
FUND BALANCE

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 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	527,386	246,008	275,733
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	527,386	246,008	275,733
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	527,386	246,008	275,733

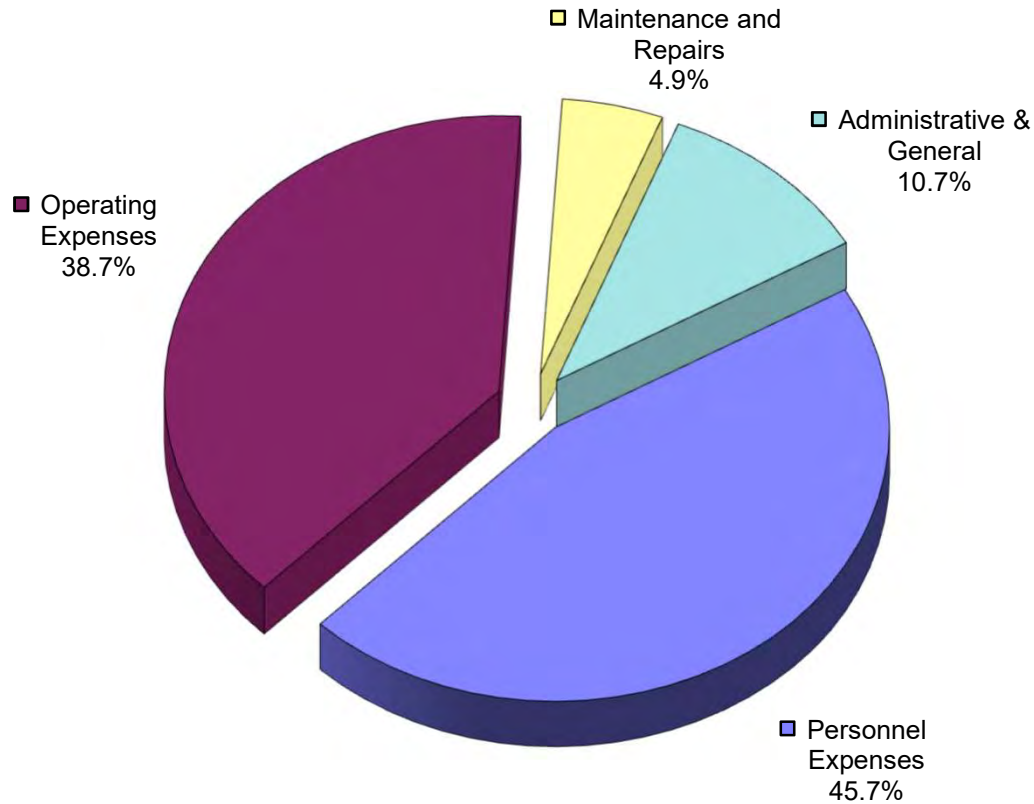


Fiscal Year 2021 Budget

flowing solutions

Budget Summary

EXPENSES - PARK VILLAGE WWRS



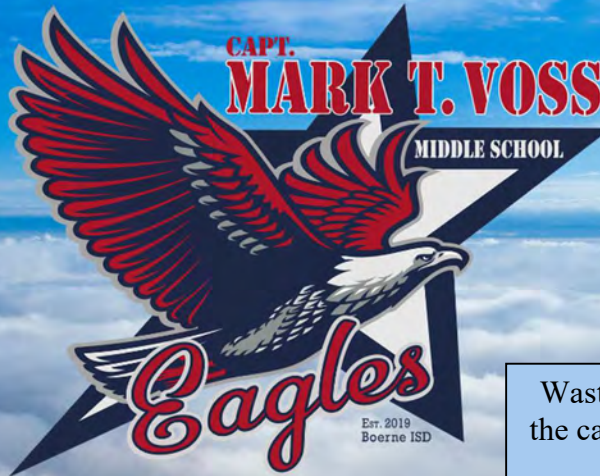
Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	62,704	100,745	126,037
Operating Expenses	448,139	110,401	106,593
Maintenance and Repairs	1,815	11,200	13,500
Administrative & General	14,728	23,662	29,603
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	527,386	246,008	275,733
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	527,386	246,008	275,733

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**058 - Park Village WWRS
Department ***

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Wastewater				
42401	WASTEWATER SERVICES	88,700	104,400	15,700
42402	SEWER CONNECTION/INSP FEES	-	27,500	27,500
42450	CHARGES TO DEVELOPERS	157,308	143,833	(13,475)
	Total Retail Wastewater	246,008	275,733	29,725
	Total Operating Revenue	246,008	275,733	29,725
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	64,751	74,597	9,846
51102	LBR-OVERTIME	6,954	15,109	8,155
	Total Salaries	71,705	89,706	18,001
Benefits				
51298	BEN-BENEFIT ALLOCATION	29,040	36,331	7,291
	Total Benefits	29,040	36,331	7,291
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	10,000	10,000	-
52102	OPR-AUXILIARY POWER EXPENSE	2,000	800	(1,200)
52103	OPR-CHEMICALS	12,000	13,250	1,250
52110	OPR-SMALL TOOLS AND SUPPLIES	1,000	1,500	500
52113	OPR-LAB SUPPLIES	5,000	5,000	-
52114	OPR-LABORATORY SERVICES-GBRA	19,000	17,500	(1,500)
52118	OPR-DISPOSAL SERVICES	15,000	15,400	400
52120	OPR-UNIFORMS	-	1,000	1,000
52121	OPR-SAFETY & EMERGENCY EXPENSE	1,000	1,000	-
52123	OPR-EQUIPMENT RENTAL	9,701	6,654	(3,047)
52125	OPR-VEHICLE EXPENSE	4,000	4,000	-
52126	OPR-FLEET LEASE EXPENSE	-	1,670	1,670
52133	OPR-SCADA	2,800	4,300	1,500

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
Total Operating Supplies & Services	81,501	82,074	573
Professional Services and Fees			
52205 OPR-PROFESSIONAL SERVICES-OTHER	-	1,000	1,000
52219 OPR-CUSTOMER BILLING FEES	20,000	15,000	(5,000)
52222 OPR-MEMBERSHIPS & PUBLICATIONS	500	500	-
52223 OPR-LICENSE & TRAINING	1,000	1,200	200
52224 OPR-TRAVEL	500	1,000	500
Total Professional Services and Fees	22,000	18,700	(3,300)
Office Expenses			
52301 OPR-OFFICE SUPPLIES	800	800	-
52302 OPR-COMPUTER & SOFTWARE EXPENSE	1,100	100	(1,000)
52306 OPR-COMMUNICATIONS	1,500	1,500	-
Total Office Expenses	3,400	2,400	(1,000)
Other Operating Expenses			
52420 OPR-INSURANCE EXPENSE	2,500	2,419	(81)
52430 OPR-MISC EXPENSE	1,000	1,000	-
Total Other Operating Expenses	3,500	3,419	(81)
SUBTOTAL OF OPERATIONAL EXPENSES	211,146	232,630	21,484
Structures			
53205 M&R-PUMPS AND MOTORS	1,200	1,500	300
Total Structures	1,200	1,500	300
Other Maintenance & Repairs			
53325 M&R-GENERAL MAINTENANCE	10,000	12,000	2,000
Total Other Maintenance & Repairs	10,000	12,000	2,000
SUBTOTAL OF M&R EXPENSES	11,200	13,500	2,300
Administrative & General			
54100 ADMINISTRATIVE & GENERAL	23,662	29,603	5,941
Total Administrative & General	23,662	29,603	5,941
TOTAL OPERATING AND M&R EXPENSES	246,008	275,733	29,725
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: \$92,597

Western Canyon Division

Boerne ISD Voss Middle School Wastewater Treatment Facility

Operating Plan for Fiscal Year Ending 8/31/21

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 will assume operation of the Boerne ISD Voss Middle School Wastewater Treatment Facility upon completion of construction and plant start-up 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

An operating agreement was signed with Boerne ISD in April 2019, which 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 2021 budget year. Estimated annual cost of operations is \$92,597.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The total operating expenditure budget for FY 2021 amounts to \$92,597.

In addition to personnel costs, other significant operating and maintenance expenses are chemicals at \$7,900, laboratory services and expenses at \$9,750 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.

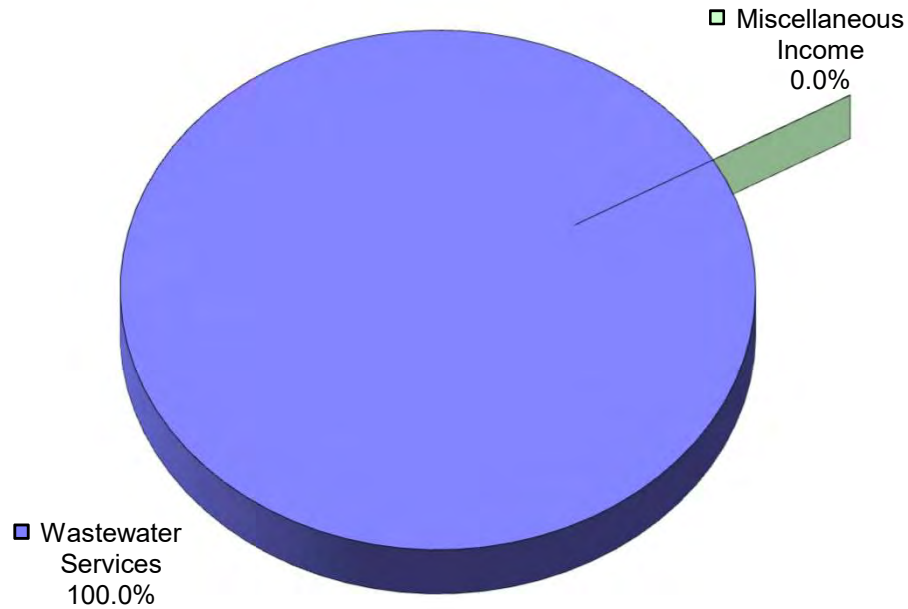
FUND BALANCE

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 2021 is \$0.



Budget Summary

REVENUES -BOERNE ISD WWTP

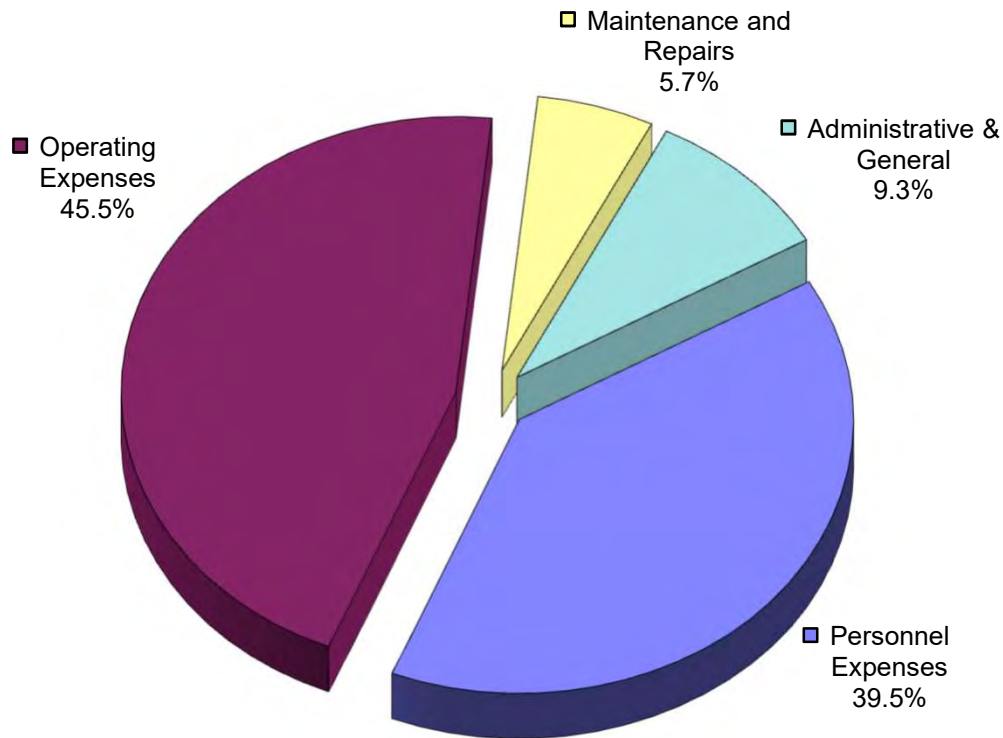


Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services	4,853	87,942	92,597
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating & Restricted Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income			
Total Operating Revenue	4,853	87,942	92,597
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	4,853	87,942	92,597



Budget Summary

EXPENSES - BOERNE ISD WWTP



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses		29,054	34,916
Operating Expenses	4,853	37,264	40,180
Maintenance and Repairs			5,000
Administrative & General		6,824	8,201
Capital Expense & Outlay		14,800	4,300
Transfers			
Total Operating and M&R Expenses	4,853	87,942	92,597
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	4,853	87,942	92,597

Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021

059 - Boerne ISD Voss Middle School WWTP
Department *

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Wastewater Treatment				
41201	WW-OPR & MAINTENANCE	87,942	92,597	4,655
	Total Wastewater Treatment	87,942	92,597	4,655
	Total Operating Revenue	87,942	92,597	4,655
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	19,556	17,786	(1,770)
51102	LBR-OVERTIME	1,123	7,065	5,942
	Total Salaries	20,679	24,851	4,172
Benefits				
51298	BEN-BENEFIT ALLOCATION	8,375	10,065	1,690
	Total Benefits	8,375	10,065	1,690
Operating Supplies & Services				
52103	OPR-CHEMICALS	8,964	7,900	(1,064)
52110	OPR-SMALL TOOLS AND SUPPLIES	500	1,000	500
52113	OPR-LAB SUPPLIES	500	1,500	1,000
52114	OPR-LABORATORY SERVICES-GBRA	6,000	8,250	2,250
52118	OPR-DISPOSAL SERVICES	10,000	10,000	-
52120	OPR-UNIFORMS	250	1,000	750
52125	OPR-VEHICLE EXPENSE	4,000	4,000	-
52126	OPR-FLEET LEASE EXPENSE	-	1,514	1,514
52133	OPR-SCADA	1,000	-	(1,000)
	Total Operating Supplies & Services	31,214	35,164	3,950
Professional Services and Fees				
52205	OPR-PROFESSIONAL SERVICES-OTHER	1,500	1,500	-
52222	OPR-MEMBERSHIPS & PUBLICATIONS	50	-	(50)
52223	OPR-LICENSE & TRAINING	200	500	300

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
	Total Professional Services and Fees	1,750	2,000	250
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	1,000	1,000	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,500	-	(1,500)
52306	OPR-COMMUNICATIONS	800	800	-
	Total Office Expenses	3,300	1,800	(1,500)
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	1,000	1,216	216
	Total Other Operating Expenses	1,000	1,216	216
	SUBTOTAL OF OPERATIONAL EXPENSES	66,318	75,096	8,778
	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	6,824	8,201	1,377
	Total Administrative & General	6,824	8,201	1,377
	Capital Expenses			
55001	CUSTOMER-OWNED CAPITAL EXPENSE	4,300	4,300	-
	Total Capital Expenses	4,300	4,300	-
	Capital Outlay			
13219	MISCELLANEOUS EQUIPMENT	10,500	-	(10,500)
	Total Capital Outlay	10,500	-	(10,500)
	TOTAL OPERATING AND M&R EXPENSES	87,942	92,597	4,655
	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: \$1,740,339 |
| • Principal Customer: City of Port Lavaca | • Expanded: 1993 |

Port Lavaca Water Treatment Plant Division

Operating Plan for Fiscal Year Ending 8/31/21

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 2021 revenue is budgeted at \$1,740,339 which is a \$78,029 or 4.7% increase over the previous year.

Total treated water purchased by the City of Port Lavaca is forecast at 510 million gallons per year. The Port O'Connor ID will purchase an estimated 93.05 million gallons of treated water. The Calhoun County Rural Water Supply System will purchase an estimated 89.24 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 692.29 million gallons or an average of 1.897 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 21.5¢ 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. Filter media will be replaced in three of the five filters, repairs to the settling basin rake and the chemical equipment on the chloramine system are also budgeted. The total operating expenditure budget for FY 2021 amounts to \$1,740,339.

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 2021 is \$0.



Staffing Summary

Port Lavaca WTP	# of Authorized Positions (FTE)		
	2019	2020	2021
Chief Operator	1	1	1
Electrical/Instrumentation Technician	1	---	---
Secretary	1	1	1
Maintenance Chief	1	1	1
Operator	4	4	4
Total	8	7	7

Changes from FY 2019 to FY 2020

1-Moved Electrical/Instrumentation Technician to the 041-Water Sales System.

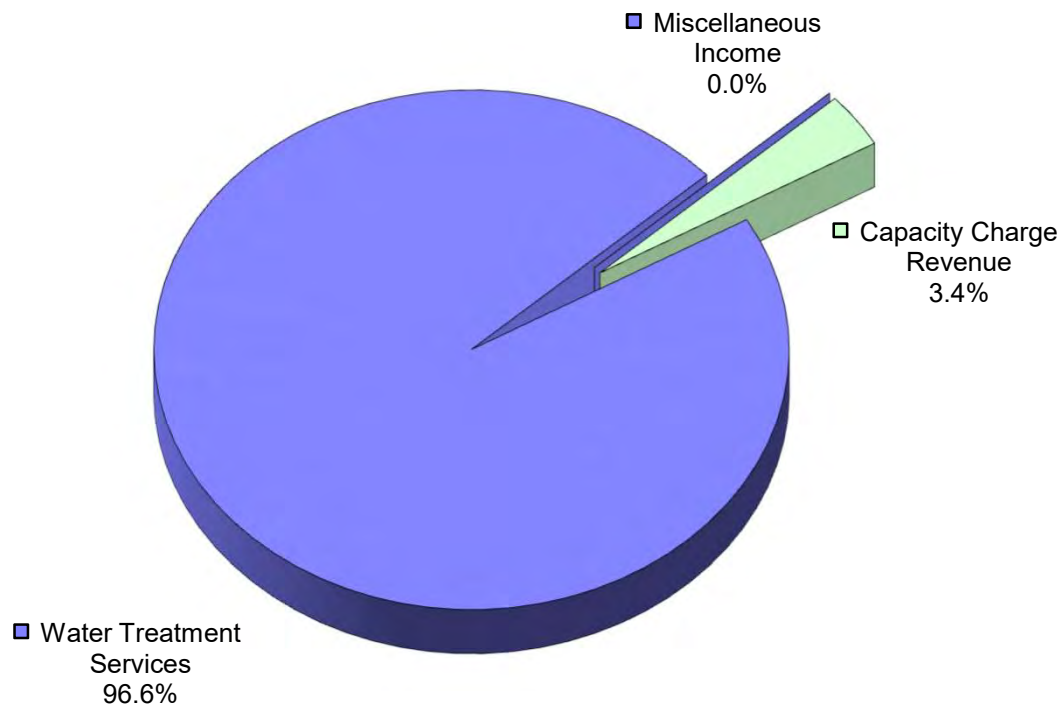
Changes from FY 2020 to FY 2021

No staffing changes for this division.



Budget Summary

REVENUES - PORT LAVACA WTP



Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services	1,454,947	1,662,310	1,740,339
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	4,307		
Total Operating Revenue	1,459,254	1,662,310	1,740,339
Capacity Charge Revenue	61,284	61,288	61,288
I/F Loan Repayments from Operations			
Grand Total Revenues	1,520,538	1,723,598	1,801,627

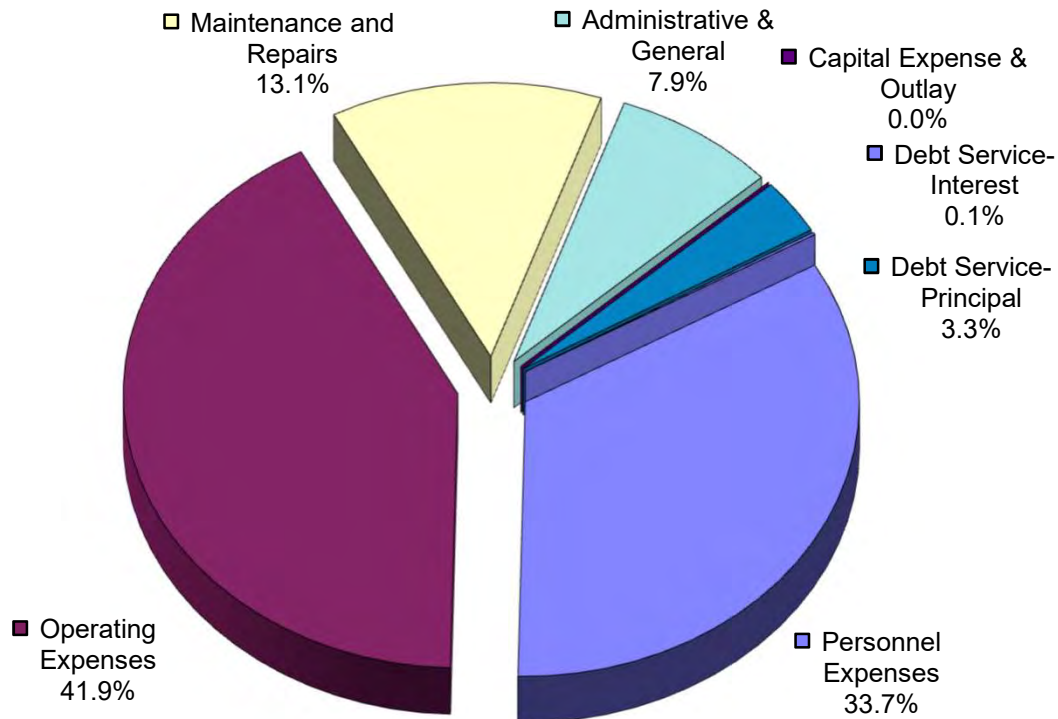


Fiscal Year 2021 Budget

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Budget Summary

EXPENSES - PORT LAVACA WTP



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel			
Personnel Expenses	579,834	625,725	606,837
Operating Expenses	635,182	730,998	754,531
Maintenance and Repairs	109,225	158,620	236,440
Administrative & General	135,009	146,967	142,531
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	1,459,250	1,662,310	1,740,339
Debt Service-Principal	54,190	54,190	58,760
Debt Service-Interest	7,098	7,098	2,528
Grand Total Expenses	1,520,538	1,723,598	1,801,627

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**060 - Port Lavaca WTP
Department ***

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Water Treatment			
41110 PL-RAW WATER DELIVERY	107,300	118,306	11,006
41111 PL-PLANT O&M INCOME	913,282	989,555	76,273
41112 PL-PLANT A&G INCOME	99,025	98,826	(199)
41115 POC-RAW WATER PURCHASES	18,390	21,607	3,217
41116 POC-PLANT O&M INCOME	258,803	257,192	(1,611)
41117 POC-PLANT A&G INCOME	29,970	24,870	(5,100)
41125 RW-RAW WATER PURCHASE	19,598	20,277	679
41126 RW-WATER TREATMENT	197,970	190,871	(7,099)
41127 RW-PLANT A&G INCOME	17,972	18,835	863
Total Water Treatment	1,662,310	1,740,339	78,029
Total Operating Revenue	1,662,310	1,740,339	78,029
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	408,359	400,022	(8,337)
51102 LBR-OVERTIME	36,997	31,890	(5,107)
Total Salaries	445,356	431,912	(13,444)
Benefits			
51298 BEN-BENEFIT ALLOCATION	180,369	174,925	(5,444)
Total Benefits	180,369	174,925	(5,444)
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	112,080	112,080	-
52103 OPR-CHEMICALS	239,300	239,300	-
52110 OPR-SMALL TOOLS AND SUPPLIES	960	960	-
52113 OPR-LAB SUPPLIES	25,000	25,000	-
52114 OPR-LABORATORY SERVICES-GBRA	1,200	2,400	1,200
52115 OPR-LABORATORY SERVICES-OUTSOURCED	3,500	3,500	-
52120 OPR-UNIFORMS	4,300	4,300	-

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
52121 OPR-SAFETY & EMERGENCY EXPENSE	4,000	4,000	-
52122 OPR-SECURITY EXPENSE	2,760	2,760	-
52124 OPR-EQUIPMENT EXPENSE	5,764	5,764	-
52125 OPR-VEHICLE EXPENSE	5,340	5,340	-
52126 OPR-FLEET LEASE EXPENSE	9,600	9,600	-
52133 OPR-SCADA	1,550	1,550	-
52135 OPR-PROCESS/SPECIAL OPERATING	1,440	1,440	-
52145 OPR-CONTRACT LABOR	27,500	40,000	12,500
52150 OPR-WATER PURCHASES/DELIVERY	145,288	160,190	14,902
Total Operating Supplies & Services	589,582	618,184	28,602
Professional Services and Fees			
52205 OPR-PROFESSIONAL SERVICES-OTHER	6,000	6,000	-
52217 OPR-INSPECTION FEES	360	360	-
52222 OPR-MEMBERSHIPS & PUBLICATIONS	1,080	1,200	120
52223 OPR-LICENSE & TRAINING	4,496	4,495	(1)
52224 OPR-TRAVEL	4,000	4,000	-
Total Professional Services and Fees	15,936	16,055	119
Office Expenses			
52301 OPR-OFFICE SUPPLIES	4,600	4,600	-
52302 OPR-COMPUTER & SOFTWARE EXPENSE	6,150	2,650	(3,500)
52306 OPR-COMMUNICATIONS	6,000	7,600	1,600
52322 OPR-MEDIA EXPENSE	1,068	1,068	-
Total Office Expenses	17,818	15,918	(1,900)
Other Operating Expenses			
52403 OPR-OFFICE/BUILDING RENTAL	2,112	2,112	-
52420 OPR-INSURANCE EXPENSE	96,000	92,712	(3,288)
52430 OPR-MISC EXPENSE	9,550	9,550	-
Total Other Operating Expenses	107,662	104,374	(3,288)
SUBTOTAL OF OPERATIONAL EXPENSES	1,356,723	1,361,368	4,645
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	45,236	87,236	42,000
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	59,876	101,876	42,000
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 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
53210	M&R-GATES AND VALVES	2,820	5,640	2,820
53238	M&R-FILTERS	55,964	85,964	30,000
	Total Structures	88,964	121,784	32,820
	Other Maintenance & Repairs			
53301	M&R-ROADS	100	100	-
53310	M&R-GROUNDS/ROW	1,200	1,200	-
53320	M&R-PONDS AND LAGOONS	5,000	8,000	3,000
53399	M&R-MISC EXPENSE	3,480	3,480	-
	Total Other Maintenance & Repairs	9,780	12,780	3,000
	SUBTOTAL OF M&R EXPENSES	158,620	236,440	77,820
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	146,967	142,531	(4,436)
	Total Administrative & General	146,967	142,531	(4,436)
	TOTAL OPERATING AND M&R EXPENSES	1,662,310	1,740,339	78,029
	Net Operating Income	-	-	-

DEBT SERVICE BUDGET

	Capacity Charge Revenue			
41119	POC-DEBT SERVICE	35,081	35,081	-
41129	RW-DEBT SERVICE	26,207	26,207	-
	Total Capacity Charge Revenue	61,288	61,288	-
	Total Debt Revenue	61,288	61,288	-
	Principal Payments Expense			
21105	LOAN-2008 CLEARWELL, Frost	54,190	58,760	4,570
	Total Principal Payments Expense	54,190	58,760	4,570
	Interest Expense			
57102	INT-CLEARWELL, Frost	7,098	2,528	(4,570)
	Total Interest Expense	7,098	2,528	(4,570)
	Total Debt Expense	61,288	61,288	-
	Net Change in Debt Service Budget	-	-	-
	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: 89,240,000• # of Current Employees: 5• Budgeted Revenue: \$1,793,825
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Calhoun County Rural Water Supply Division

Operating Plan for Fiscal Year Ending 8/31/21

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 2021. 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 is operated and maintained by a Chief Operator, three Maintenance Operators, and an Assistant Secretary.

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 2021 water sales revenue budget is estimated at \$1,659,800 based on the 1,524 customers receiving a total retail volume of treated water at their meters of 89.240 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 \$63.00 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 2021 are as follows:

Monthly Minimum	\$63.00 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 2021. The addition of 24 new connections is estimated during the fiscal year, totaling fee revenue of \$52,000.

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 2021 based on a monthly rate of \$75/connection. A pre-owned package plant to replace the existing treatment facility is being installed and tested. It is expected to be operational prior to the start of FY 21.

CAPITAL ADDITIONS AND OPERATING EXPEDITURES

In addition to personnel related costs, other significant operating expenses for the upcoming Fiscal Year include \$15,560 for power & utilities, \$16,000 for disposal services, \$35,750 for office expenses, and \$35,000 for engineering and other professional services.

The maintenance and repair portion of the budget totals \$93,560 and includes funds for water lines, meters, meter boxes, pumps and motors. Capital expenditures include \$110,000 for a Vacuum Excavator and a Service Truck.

Interdivision water purchases for FY 2021 are budgeted at \$349,624. This amount is a sum of the charges for raw water paid to the GBRA Water Resources Division as well as Rural Water's share of the Port Lavaca Water Treatment Plant's total cost of operation.

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 2021.

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 2021 will be \$297,835.



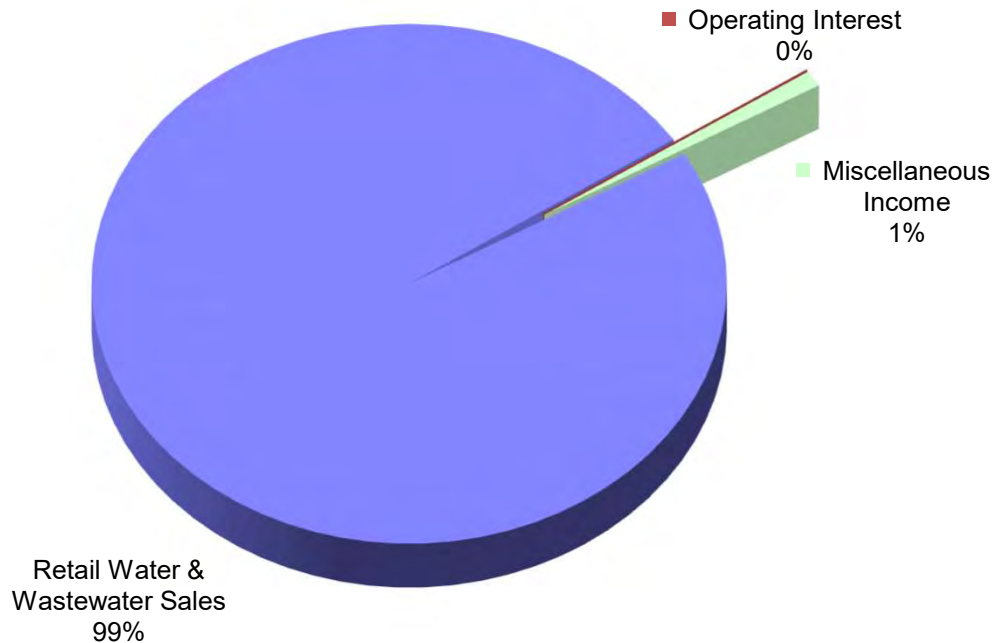
Rural Water Distribution	# of Authorized Positions (FTE)		
	2019	2020	2021
Chief Operator	1	1	1
Maintenance Operator	3	3	3
Customer Service Assistant	1	1	1
Total	5	5	5

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



Budget Summary

REVENUES - RURAL WATER



Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales	1,311,080	1,626,826	1,775,300
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest	7,644	7,000	525
Grant & Interlocal Agreement Income			
Miscellaneous Income	16,592	18,000	18,000
Total Operating Revenue	1,335,316	1,651,826	1,793,825
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	1,335,316	1,651,826	1,793,825

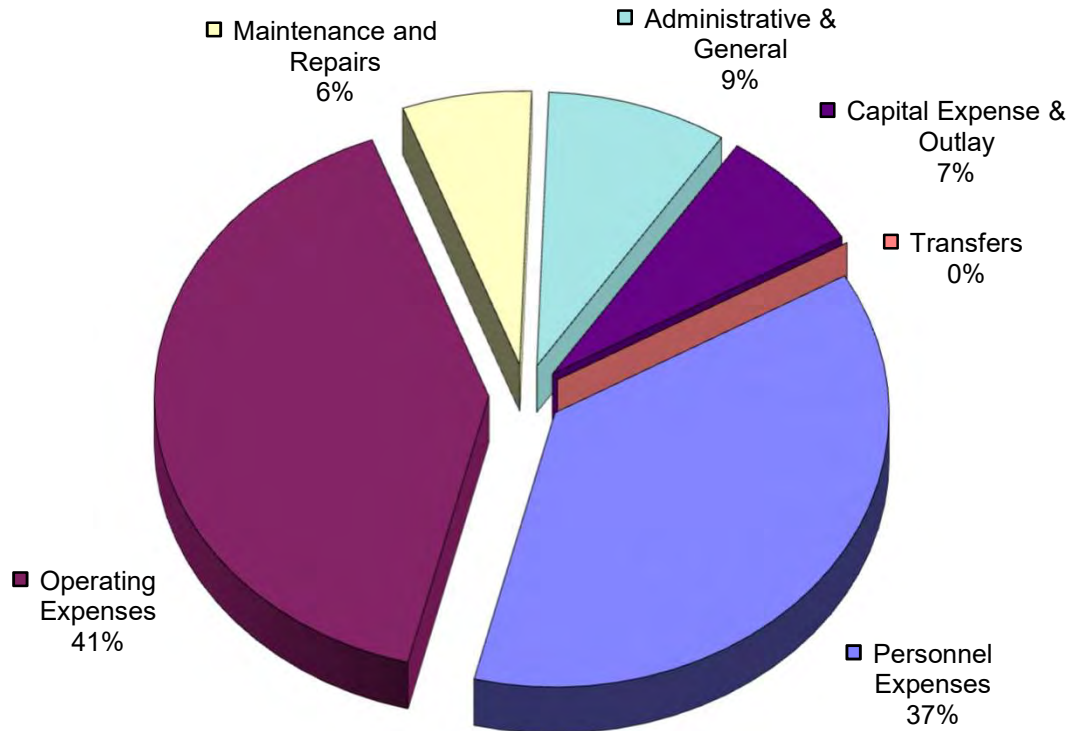


Fiscal Year 2021 Budget

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Budget Summary

EXPENSES - RURAL WATER



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	481,640	544,832	556,834
Operating Expenses	472,489	519,189	604,809
Maintenance and Repairs	140,762	86,760	93,560
Administrative & General	112,297	127,968	130,787
Capital Expense & Outlay		10,000	110,000
Transfers		265,000	
Total Operating and M&R Expenses	1,207,188	1,553,749	1,495,990
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	1,207,188	1,553,749	1,495,990

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**070 - Rural Water
Department ***

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Retail Water Sales				
42301	WATER SALES	1,515,026	1,659,800	144,774
42310	WATER CONNECTION FEES	24,000	24,000	-
42320	WATER MEMBERSHIP FEES	28,800	28,000	(800)
	Total Retail Water Sales	1,567,826	1,711,800	143,974
Retail Wastewater				
42401	WASTEWATER SERVICES	54,000	58,500	4,500
42402	SEWER CONNECTION/INSP FEES	5,000	5,000	-
	Total Retail Wastewater	59,000	63,500	4,500
Operating Interest				
44110	INT-OPR INVESTMENT FUNDS	7,000	525	(6,475)
	Total Operating Interest	7,000	525	(6,475)
Misc Income				
45195	MISCELLANEOUS REVENUES	18,000	18,000	-
	Total Misc Income	18,000	18,000	-
	Total Operating Revenue	1,651,826	1,793,825	141,999
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	368,291	376,061	7,770
51102	LBR-OVERTIME	19,490	20,262	772
	Total Salaries	387,781	396,323	8,542
Benefits				
51298	BEN-BENEFIT ALLOCATION	157,051	160,511	3,460
	Total Benefits	157,051	160,511	3,460
Operating Supplies & Services				

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
52101	OPR-POWER & UTILITIES	15,660	15,560	(100)
52103	OPR-CHEMICALS	2,800	2,000	(800)
52110	OPR-SMALL TOOLS AND SUPPLIES	3,200	3,200	-
52113	OPR-LAB SUPPLIES	4,200	4,200	-
52114	OPR-LABORATORY SERVICES-GBRA	1,200	1,200	-
52115	OPR-LABORATORY SERVICES-OUTSOURCED	7,000	7,000	-
52118	OPR-DISPOSAL SERVICES	9,750	16,000	6,250
52120	OPR-UNIFORMS	3,600	3,600	-
52121	OPR-SAFTY & EMERGENCY EXPENSE	2,400	2,400	-
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	9,600
52133	OPR-SCADA	1,550	1,550	-
52135	OPR-PROCESS/SPECIAL OPERATING	1,000	1,000	-
52145	OPR-CONTRACT LABOR	1,200	1,200	-
52150	OPR-WATER PURCHASES/DELIVERY	288,597	349,624	61,027
52155	OPR-TRANSMISSION CHARGES	45,000	45,000	-
	Total Operating Supplies & Services	403,817	479,794	75,977
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	1,600	3,220	1,620
52217	OPR-INSPECTION FEES	-	3,000	3,000
52218	OPR-ACCREDITATION FEES	3,800	4,000	200
52220	OPR-BANK FEES	1,200	-	(1,200)
52222	OPR-MEMBERSHIPS & PUBLICATIONS	1,200	1,200	-
52223	OPR-LICENSE & TRAINING	4,800	4,800	-
52224	OPR-TRAVEL	2,400	2,400	-
	Total Professional Services and Fees	50,000	53,620	3,620
Office Expenses				
52301	OPR-OFFICE SUPPLIES	12,000	10,000	(2,000)
52302	OPR-COMPUTER & SOFTWARE EXPENSE	8,150	10,550	2,400
52305	OPR-POSTAGE AND FREIGHT EXPENSE	3,500	7,000	3,500
52306	OPR-COMMUNICATIONS	4,000	4,600	600
52322	OPR-MEDIA EXPENSE	3,600	3,600	-
	Total Office Expenses	31,250	35,750	4,500
Other Operating Expenses				
52403	OPR-OFFICE/BUILDING RENTAL	4,272	4,272	-
52404	OPR-RIGHT OF WAY	9,550	9,840	290
52420	OPR-INSURANCE EXPENSE	17,500	18,733	1,233
52430	OPR-MISC EXPENSE	2,800	2,800	-

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
Total Other Operating Expenses	34,122	35,645	1,523
SUBTOTAL OF OPERATIONAL EXPENSES	1,064,021	1,161,643	97,622
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	7,200	7,200	-
53115 M&R-METERS	21,800	30,000	8,200
Total Maintenance and Repair Equipment	29,000	37,200	8,200
Structures			
53201 M&R-BUILDING	4,400	4,400	-
53205 M&R-PUMPS AND MOTORS	3,000	4,000	1,000
53216 M&R-PUMPSTATIONS	13,600	13,600	-
53235 M&R-TRANSMISSION LINES	24,000	24,000	-
Total Structures	45,000	46,000	1,000
Other Maintenance & Repairs			
53301 M&R-ROADS	100	100	-
53310 M&R-GROUNDS/ROW	260	260	-
53399 M&R-MISC EXPENSE	12,400	10,000	(2,400)
Total Other Maintenance & Repairs	12,760	10,360	(2,400)
SUBTOTAL OF M&R EXPENSES	86,760	93,560	6,800
Administrative & General			
54100 ADMINISTRATIVE & GENERAL	127,968	130,787	2,819
Total Administrative & General	127,968	130,787	2,819
Capital Outlay			
13217 AUTO & HEAVY EQUIPMENT	10,000	110,000	100,000
Total Capital Outlay	10,000	110,000	100,000
Transfers			
61505 TRANSFERS-DESIGNATED PROJECT FUND	265,000	-	(265,000)
Total Transfers	265,000	-	(265,000)
TOTAL OPERATING AND M&R EXPENSES	1,553,749	1,495,990	(57,759)
Net Operating Income	98,077	297,835	199,758
Net Change in Fund Balance	98,077	297,835	199,758

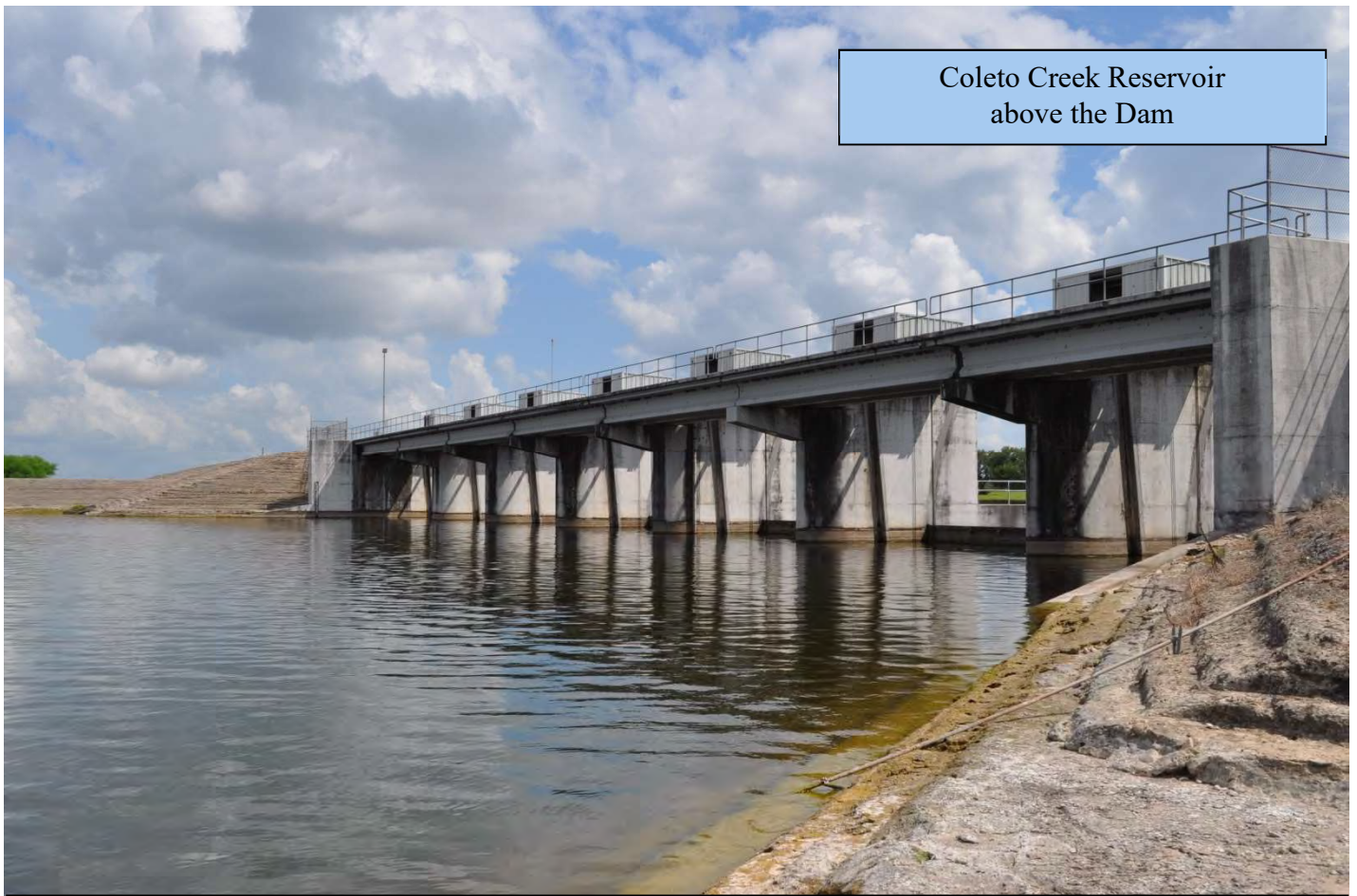
Rural Water - Capital Outlay Expense

Description	FY 2021
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Capital Outlay Funded From Current Revenues

Vacuum Excavator	\$	60,000
Medium Duty Service Truck	\$	50,000
<hr/>		
Total Rural Water Capital Outlay Expense	\$	110,000

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: \$918,716 |
| • Customer: Vistra Energy | |

Coletto Creek Division

Coletto Creek Reservoir System

Operating Plan for Fiscal Year Ending 8/31/21

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 2021. 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 an Electrician, and three full-time Maintenance Crewmen. In addition, Rangers assigned to the Recreation System will assist with regular reservoir operations. Clerical duties will be performed by an Office Manager 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 \$918,716 compared to budgeted revenue of \$959,705 for FY2020.

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 \$23,000 is budgeted under professional fees including \$15,000 for the biennial Walkover Inspection and \$6,000 to update the EAP parcel data.

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 \$918,716.

FUND BALANCE

Funds for the above listed capital additions and operating expenditures as well as all of the other operating expenditures that are summarized in the following pages will be provided from revenues from the Coletto Creek Power Station. Since this division represents a contract operation in which GBRA does not over-recover nor under-recover its costs, the net change in fund balance for FY 2021 amounts to \$0.



Staffing Summary

Coletto Creek Reservoir	# of Authorized Positions (FTE)		
	2019	2020	2021
Reservoir Manager	1	1	1
Electrical/Instrumentation Technician	1	1	1
Office Manager	1	1	1
Maintenance Crew	3	3	3
Total	6	6	6

Changes from FY 2019 to FY 2020

No staffing changes for this division.

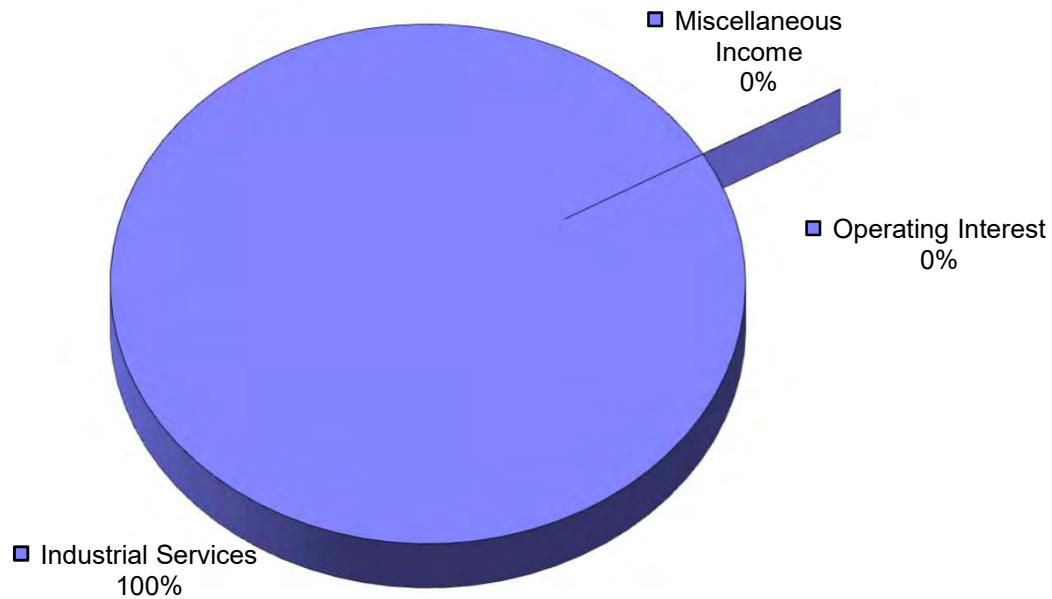
Changes from FY 2020 to FY 2021

No staffing changes for this division.



Budget Summary

REVENUES - COLETO RESERVOIR

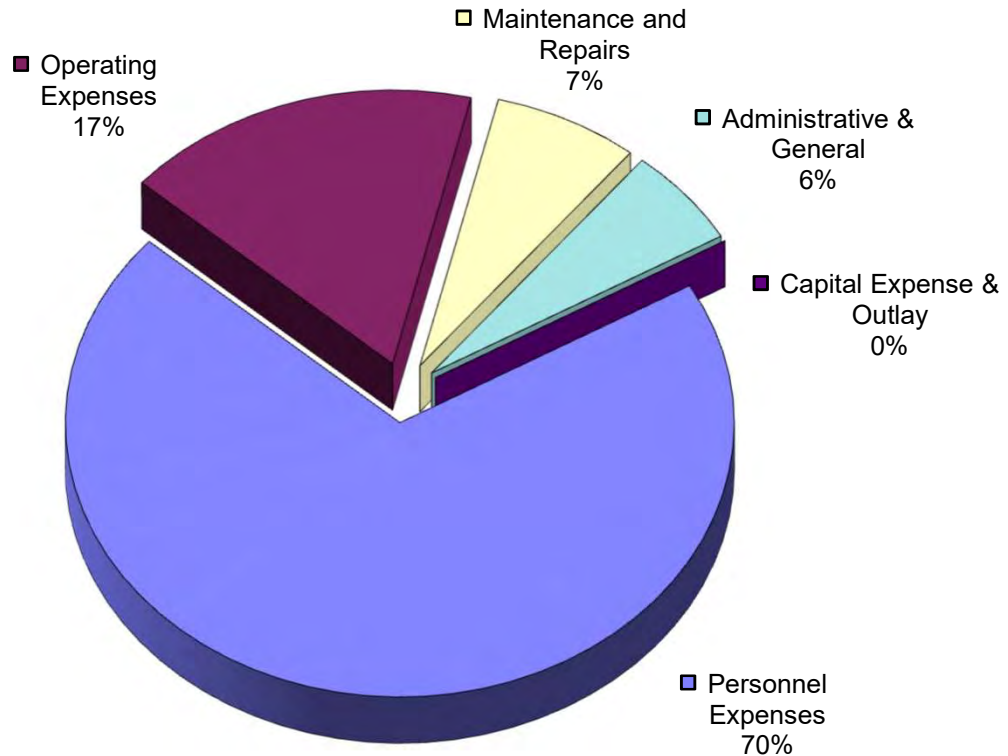


Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services	894,128	959,705	918,716
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest	559		
Grant & Interlocal Agreement Income			
Miscellaneous Income	1,567		
Total Operating Revenue	896,254	959,705	918,716
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	896,254	959,705	918,716



Budget Summary

EXPENSES - COLETO RESERVOIR



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	632,063	692,433	641,603
Operating Expenses	126,767	157,844	158,676
Maintenance and Repairs	39,558	67,432	64,850
Administrative & General	32,730	41,996	53,587
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	831,118	959,705	918,716
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	831,118	959,705	918,716

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**091 - Coleta Creek Reservoir
Department ***

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Industrial			
41401 COLETO CREEK POWER-O&M EXP	917,709	865,129	(52,580)
41402 COLETO CREEK POWER-A&G EXP	41,996	53,587	11,591
Total Industrial	959,705	918,716	(40,989)
Total Operating Revenue	959,705	918,716	(40,989)
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	478,848	443,257	(35,591)
51102 LBR-OVERTIME	13,987	13,400	(587)
Total Salaries	492,835	456,657	(36,178)
Benefits			
51298 BEN-BENEFIT ALLOCATION	199,598	184,946	(14,652)
Total Benefits	199,598	184,946	(14,652)
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	7,116	7,000	(116)
52102 OPR-AUXILIARY POWER EXPENSE	12,000	12,000	-
52110 OPR-SMALL TOOLS AND SUPPLIES	3,876	3,800	(76)
52114 OPR-LABORATORY SERVICES-GBRA	480	250	(230)
52115 OPR-LABORATORY SERVICES-OUTSOURCED	240	250	10
52118 OPR-DISPOSAL SERVICES	2,400	2,400	-
52120 OPR-UNIFORMS	4,656	4,600	(56)
52121 OPR-SAFTY & EMERGENCY EXPENSE	13,548	13,500	(48)
52122 OPR-SECURITY EXPENSE	2,400	2,400	-
52124 OPR-EQUIPMENT EXPENSE	5,064	5,000	(64)
52125 OPR-VEHICLE EXPENSE	19,880	20,000	120
Total Operating Supplies & Services	71,660	71,200	(460)
Professional Services and Fees			
52201 OPR-PROFESSIONAL SERVICES-ENGINEERING	22,500	23,000	500

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
52211	OPR-USGS MONITORING	19,620	20,209	589
52222	OPR-MEMBERSHIPS & PUBLICATIONS	1,668	1,600	(68)
52223	OPR-LICENSE & TRAINING	3,048	3,000	(48)
52224	OPR-TRAVEL	3,624	3,500	(124)
	Total Professional Services and Fees	50,460	51,309	849
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	4,896	4,800	(96)
52302	OPR-COMPUTER & SOFTWARE EXPENSE	9,000	8,000	(1,000)
52306	OPR-COMMUNICATIONS	3,996	4,000	4
	Total Office Expenses	17,892	16,800	(1,092)
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	13,500	15,367	1,867
52430	OPR-MISC EXPENSE	4,332	4,000	(332)
	Total Other Operating Expenses	17,832	19,367	1,535
	SUBTOTAL OF OPERATIONAL EXPENSES	850,277	800,279	(49,998)
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	10,056	10,000	(56)
53105	M&R-GENERATORS	2,796	2,500	(296)
53110	M&R-CONTROL SYSTEMS	10,956	6,000	(4,956)
53115	M&R-METERS	2,400	2,400	-
53120	M&R-BOATS	600	600	-
	Total Maintenance and Repair Equipment	26,808	21,500	(5,308)
	Structures			
53201	M&R-BUILDING	1,800	1,800	-
53205	M&R-PUMPS AND MOTORS	984	1,000	16
53230	M&R-PIPELINES	480	500	20
53240	M&R-SPILLGATES	13,740	17,000	3,260
	Total Structures	17,004	20,300	3,296
	Other Maintenance & Repairs			
53301	M&R-ROADS	9,300	9,000	(300)
53310	M&R-GROUNDS/ROW	14,080	13,800	(280)
53399	M&R-MISC EXPENSE	240	250	10
	Total Other Maintenance & Repairs	23,620	23,050	(570)
	SUBTOTAL OF M&R EXPENSES	67,432	64,850	(2,582)
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	41,996	53,587	11,591
	Total Administrative & General	41,996	53,587	11,591

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
TOTAL OPERATING AND M&R EXPENSES	<u>959,705</u>	<u>918,716</u>	<u>(40,989)</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: \$994,765

Coletto Creek Division

Coletto Creek Recreation System

Operating Plan for Fiscal Year Ending 8/31/21

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 2021 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 at \$865,965, \$24,050, \$92,000, \$8,250, and \$4,500 respectively. The proposed fee schedule for FY 2021 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 \$39,000 for Power and Utilities, \$11,500 for Vehicle Expense, \$18,000 for Bank Fees due to park patrons using credit and debit cards, \$5,880 for Office Supplies, \$8,000 for Computer Supplies \$4,800 for Communications, \$4,000 for Media Expense and \$12,733 for Insurance Expense.

Significant maintenance and repair expenses for the ensuing fiscal year includes \$20,000 for campground road maintenance, \$15,000 for campsite pad maintenance, and \$20,000 for new picnic table slabs.

Capital expenses budgeted for FY 2021 include a replacement mower at \$12,000, sewer system installation for Camping Loop 3 at \$40,000, the purchase of a utility vehicle at 12,000, and the replacement of existing playground equipment in the campground at a cost of \$80,000.

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)		
	2019	2020	2021
Chief Ranger	1	1	1
Reservoir Ranger	5	5	5
Administrative Assistant	1	1	1
Total	7	7	7

Changes from FY 2019 to FY 2020

No staffing changes for this division.

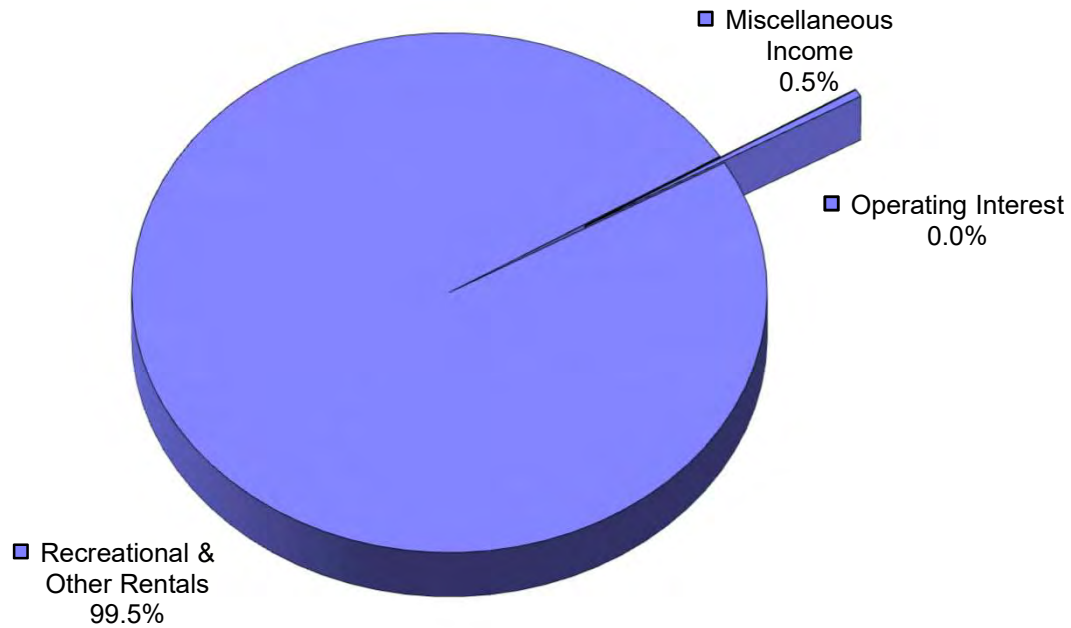
Changes from FY 2020 to FY 2021

No staffing changes for this division.



Budget Summary

REVENUES - COLETO RECREATION



Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals	798,069	830,565	990,265
Administrative & General			
Operating Interest	204		
Grant & Interlocal Agreement Income			
Miscellaneous Income	4,575	4,500	4,500
Total Operating Revenue	802,848	835,065	994,765
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	802,848	835,065	994,765

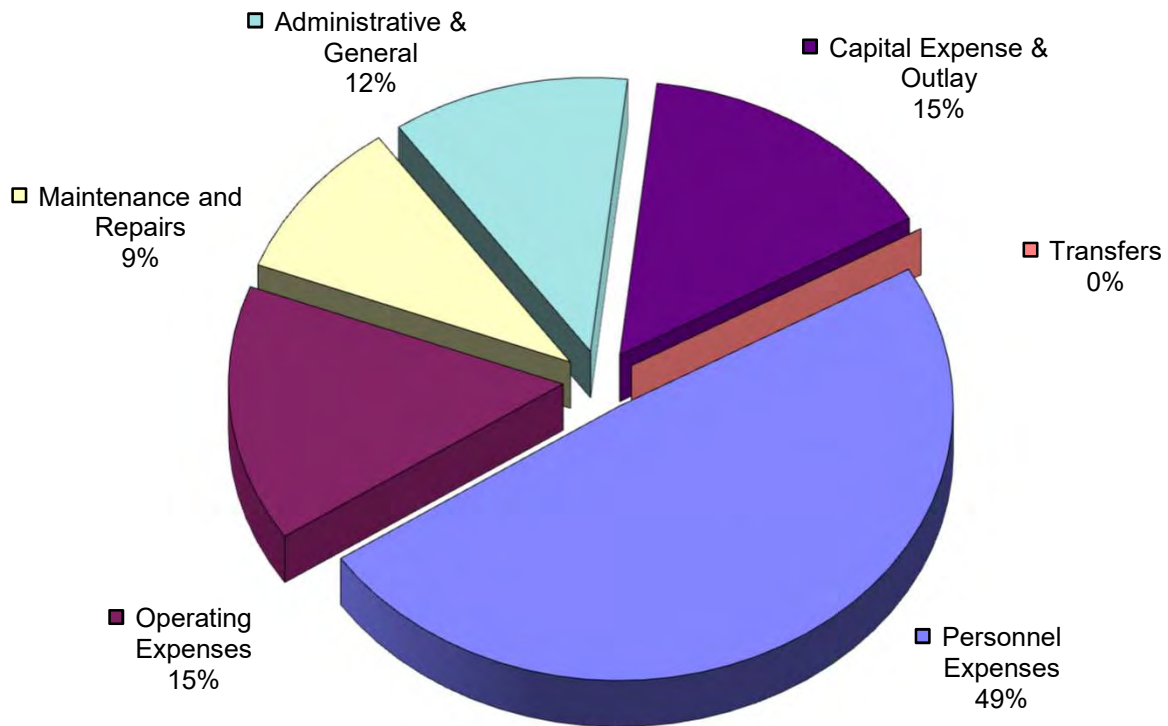


Fiscal Year 2021 Budget

flowing solutions

Budget Summary

EXPENSES - COLETO RECREATION



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	412,574	485,011	473,492
Operating Expenses	120,062	137,360	146,593
Maintenance and Repairs	41,133	69,160	91,800
Administrative & General	96,938	113,917	111,211
Capital Expense & Outlay			144,000
Transfers			
Total Operating and M&R Expenses	670,707	805,448	967,096
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	670,707	805,448	967,096

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**092 - Coleta Creek Recreation
Department ***

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Recreation & Other Rentals			
42902 REV-PARK ENTRY FEES	698,865	865,965	167,100
42915 REV-SPONSORSHIPS	8,250	8,250	-
42920 REV-HUNTING REVENUE	31,450	24,050	(7,400)
42922 REV-AG & LAND USE	92,000	92,000	-
Total Recreation & Other Rentals	830,565	990,265	159,700
Misc Income			
45195 MISCELLANEOUS REVENUES	4,500	4,500	-
Total Misc Income	4,500	4,500	-
Total Operating Revenue	835,065	994,765	159,700
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	320,436	316,056	(4,380)
51102 LBR-OVERTIME	24,768	20,949	(3,819)
Total Salaries	345,204	337,005	(8,199)
Benefits			
51298 BEN-BENEFIT ALLOCATION	139,807	136,487	(3,320)
Total Benefits	139,807	136,487	(3,320)
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	39,000	39,000	-
52102 OPR-AUXILIARY POWER EXPENSE	4,176	7,000	2,824
52114 OPR-LABORATORY SERVICES-GBRA	480	480	-
52118 OPR-DISPOSAL SERVICES	5,964	8,200	2,236
52120 OPR-UNIFORMS	1,200	1,200	-
52121 OPR-SAFETY & EMERGENCY EXPENSE	3,300	3,300	-
52124 OPR-EQUIPMENT EXPENSE	5,100	5,100	-
52125 OPR-VEHICLE EXPENSE	6,500	11,500	5,000

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
Total Operating Supplies & Services	65,720	75,780	10,060
Professional Services and Fees			
52220 OPR-BANK FEES	9,600	18,000	8,400
52222 OPR-MEMBERSHIPS & PUBLICATIONS	1,920	2,000	80
52223 OPR-LICENSE & TRAINING	3,240	2,500	(740)
52224 OPR-TRAVEL	2,500	2,500	-
Total Professional Services and Fees	17,260	25,000	7,740
Office Expenses			
52301 OPR-OFFICE SUPPLIES	5,880	5,880	-
52302 OPR-COMPUTER & SOFTWARE EXPENSE	9,000	8,000	(1,000)
52306 OPR-COMMUNICATIONS	4,800	4,800	-
52322 OPR-MEDIA EXPENSE	4,000	4,000	-
52331 OPR-JANITORIAL SUPPLIES AND SERVICE	6,300	5,000	(1,300)
Total Office Expenses	29,980	27,680	(2,300)
Other Operating Expenses			
52420 OPR-INSURANCE EXPENSE	19,000	12,733	(6,267)
52430 OPR-MISC EXPENSE	5,400	5,400	-
Total Other Operating Expenses	24,400	18,133	(6,267)
SUBTOTAL OF OPERATIONAL EXPENSES	622,371	620,085	(2,286)
Structures			
53201 M&R-BUILDING	4,560	4,000	(560)
53250 M&R-LAKE STRUCTURES	3,000	3,000	-
53251 M&R-PARK STRUCTURES	6,000	8,700	2,700
Total Structures	13,560	15,700	2,140
Other Maintenance & Repairs			
53301 M&R-ROADS	13,600	23,600	10,000
53310 M&R-GROUNDS/ROW	4,000	4,000	-
53315 M&R-CAMP AND PICNIC SITES	38,000	48,500	10,500
Total Other Maintenance & Repairs	55,600	76,100	20,500
SUBTOTAL OF M&R EXPENSES	69,160	91,800	22,640
Administrative & General			
54100 ADMINISTRATIVE & GENERAL	113,917	111,211	(2,706)
Total Administrative & General	113,917	111,211	(2,706)
Capital Outlay			
13201 STRUCTURES & IMPROVEMENTS	-	40,000	40,000
13217 AUTO & HEAVY EQUIPMENT	-	12,000	12,000

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
13219 MISCELLANEOUS EQUIPMENT	-	92,000	92,000
Total Capital Outlay	-	144,000	144,000
TOTAL OPERATING AND M&R EXPENSES	805,448	967,096	161,648
Net Operating Income	29,617	27,669	(1,948)
Net Change in Fund Balance	29,617	27,669	(1,948)

Coleto Creek Recreation - Capital Outlay Expense

Description	FY 2021
-------------	---------

Capital Outlay Funded From Current Revenues

Replacement Mower	\$	12,000
Utility Vehicle	\$	12,000
Replacement of Playground Equipment	\$	80,000
Septic System Installation-Camping Loop 3	\$	40,000
<hr/> Total Coleto Creek Recreation Capital Outlay Expense		<hr/> \$ 144,000



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".

-
- | | |
|---|--|
| <ul style="list-style-type: none">• Service Provided: Water treatment• Location: Luling, TX• Startup Operation Date: 1978• Customer: Cities of Luling & Lockhart | <ul style="list-style-type: none">• Service Population: 16,695• Capacity: 2.5 MGD• # of Current Employees: 5• Budgeted Revenue: \$1,487,169 |
|---|--|

Luling Water Treatment Plant Division Operating Plan for Fiscal Year ending 8/31/21

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.

A Chief Operator and four operators, working as a team will continue to staff the plant, while one contract laborer will be utilized during the peak maintenance season. 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 2021 Fiscal Year based on an estimated treated water delivery of 249.115 MG to the City of Luling and a treated water delivery of 405.232 MG to the City of Lockhart for a total delivery of 654.347 MG.

The total operating revenue budgeted to be received during FY 2021 is \$1,487,169 compared to budgeted revenue of \$1,396,810 for FY 2020. This 6.5% increase in revenue reflects a corresponding increase in total operating expenditures as explained below.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Significant operating expenses for the ensuing fiscal year include \$79,464 for power and utilities at the Water Treatment Plant, \$38,481 for power and utilities at the Luling High Service Pump Station, \$64,116 for power costs to operate the treated water line to Lockhart, \$23,131 for chlorine used in the disinfection process, and \$80,504 for ferric chloride used in the coagulation process. Another significant operating expenditure is the \$16,360 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).

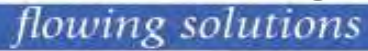
The Fiscal Year 2021 Work Plan and Budget includes \$215,306 which represents the current year cost for the purchase and installation of an emergency generator allocated over a three-year period. The total operating expenditure budget, exclusive of debt service payments, for FY 2021 amounts to \$1,486,569.

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 \$600 and a debt coverage factor of \$39,896 from the bonds used to finance the Luling-to-Lockhart pipeline. As a result, the total fund balance for FY 2021 is \$40,496.



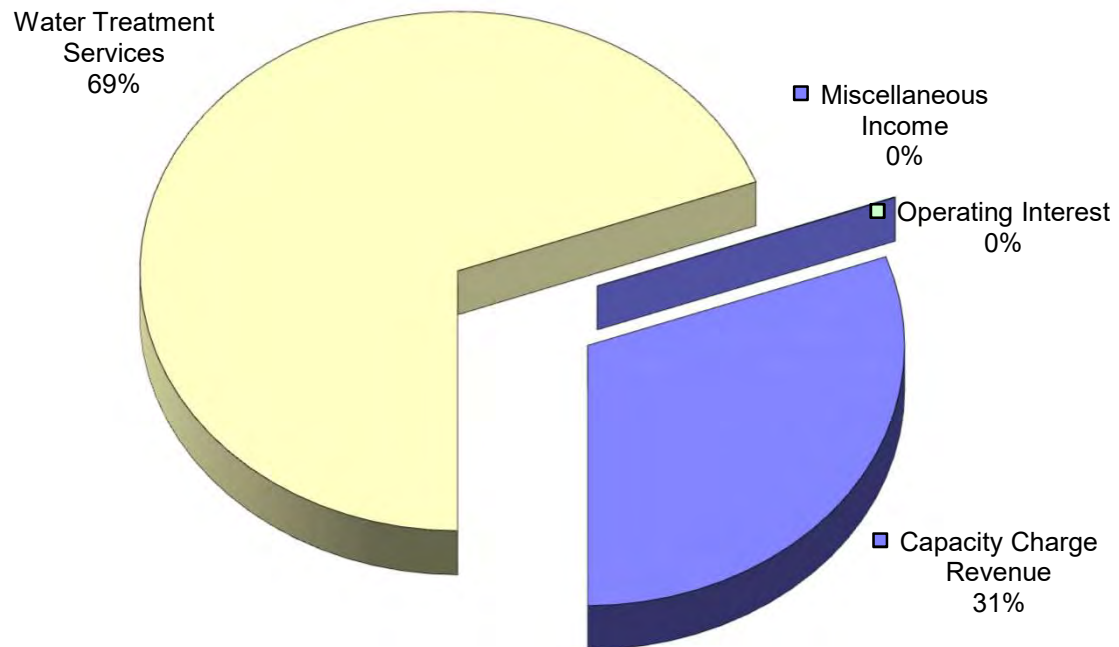
Luling WTP	# of Authorized Positions (FTE)		
	2019	2020	2021
Chief Operator	1	1	1
Operators	4	4	4
Total	5	5	5

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



Budget Summary

REVENUES - LULING WTP

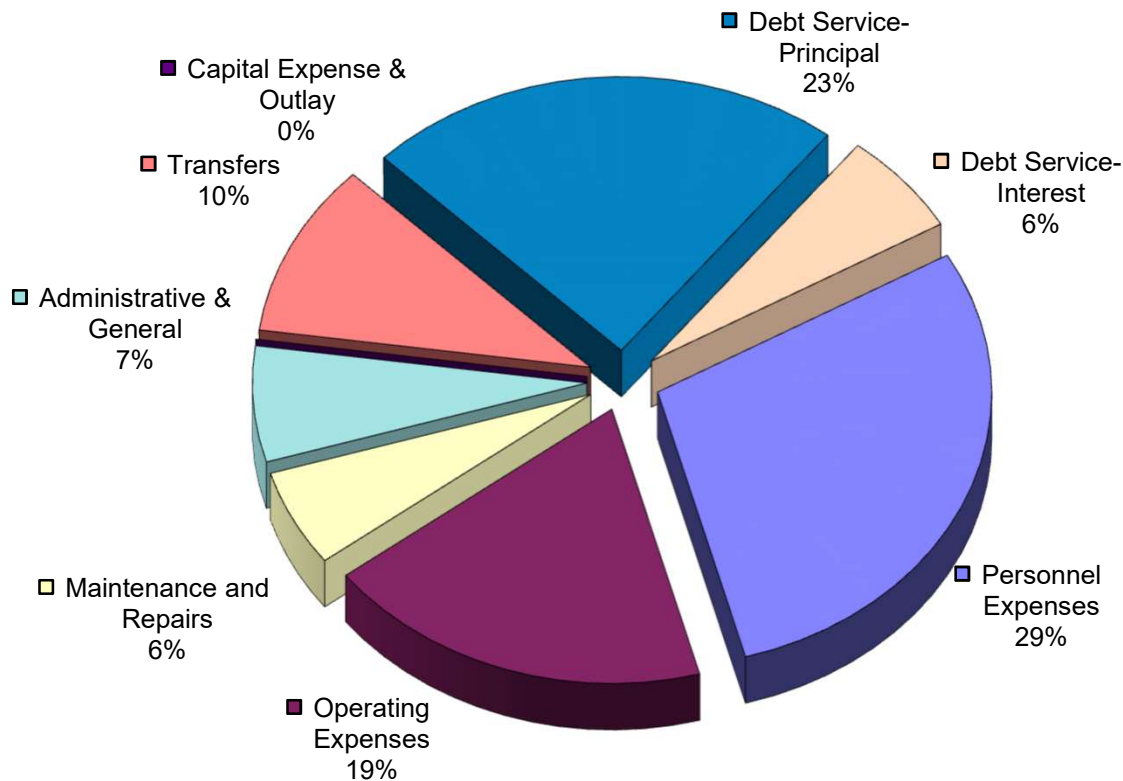


Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services	963,743	1,389,810	1,486,569
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest	10,551	7,000	600
Grant & Interlocal Agreement Income			
Miscellaneous Income	3,464		
Total Operating Revenue	977,758	1,396,810	1,487,169
Capacity Charge Revenue	449,708	663,180	654,166
I/F Loan Repayments from Operations			
Grand Total Revenues	1,427,466	2,059,990	2,141,335



Budget Summary

EXPENSES - LULING WTP



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel			
Personnel Expenses	452,777	564,495	611,395
Operating Expenses	332,197	382,553	396,184
Maintenance and Repairs	58,118	94,870	120,082
Administrative & General	103,880	132,586	143,602
Capital Expense & Outlay			
Transfers		215,306	215,306
Total Operating and M&R Expenses	946,972	1,389,810	1,486,569
Debt Service-Principal	275,000	484,890	486,557
Debt Service-Interest	131,812	137,573	127,713
Grand Total Expenses	1,353,784	2,012,273	2,100,839

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**100 - Luling WTP
Department ***

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Water Treatment			
41101 PLANT O&M	415,895	463,876	47,981
41102 PLANT A&G	43,860	49,602	5,742
41135 LULING WTP-CITY OF LOCKHART CHARGE	720,492	772,671	52,179
41137 W/S-LU/LO DELIVERY SYSTEM	209,563	200,420	(9,143)
Total Water Treatment	1,389,810	1,486,569	96,759
Operating Interest			
44110 INT-OPR INVESTMENT FUNDS	7,000	600	(6,400)
Total Operating Interest	7,000	600	(6,400)
Total Operating Revenue	1,396,810	1,487,169	90,359
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	351,660	384,547	32,887
51102 LBR-OVERTIME	50,116	50,610	494
Total Salaries	401,776	435,157	33,381
Benefits			
51298 BEN-BENEFIT ALLOCATION	162,719	176,238	13,519
Total Benefits	162,719	176,238	13,519
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	173,141	182,061	8,920
52102 OPR-AUXILIARY POWER EXPENSE	1,500	3,200	1,700
52103 OPR-CHEMICALS	132,945	127,355	(5,590)
52113 OPR-LAB SUPPLIES	13,160	13,160	-
52114 OPR-LABORATORY SERVICES-GBRA	460	3,200	2,740
52115 OPR-LABORATORY SERVICES-OUTSOURCED	600	-	(600)
52120 OPR-UNIFORMS	5,200	5,980	780
52121 OPR-SAFETY & EMERGENCY EXPENSE	5,500	8,000	2,500

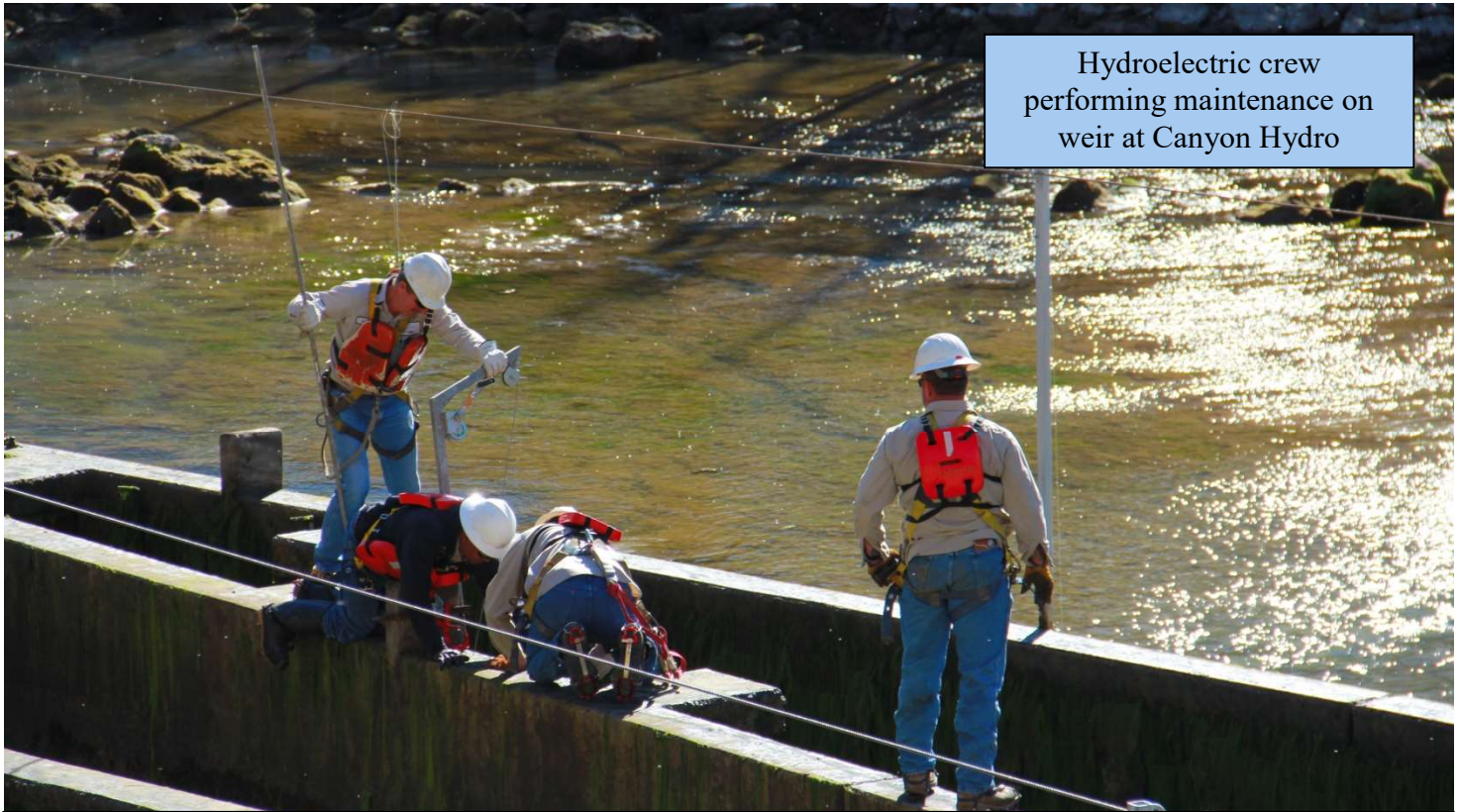
		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
52123	OPR-EQUIPMENT RENTAL	2,123	-	(2,123)
52125	OPR-VEHICLE EXPENSE	5,504	5,504	-
52126	OPR-FLEET LEASE EXPENSE	1,200	1,200	-
52133	OPR-SCADA	2,800	4,300	1,500
	Total Operating Supplies & Services	344,133	353,960	9,827
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	2,000	2,000	-
52216	OPR-REGULATORY FEES	1,500	1,600	100
52217	OPR-INSPECTION FEES	600	600	-
52220	OPR-BANK FEES	1,000	1,000	-
52222	OPR-MEMBERSHIPS & PUBLICATIONS	300	360	60
52223	OPR-LICENSE & TRAINING	2,650	2,650	-
52224	OPR-TRAVEL	1,000	1,000	-
	Total Professional Services and Fees	9,050	9,210	160
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	2,400	2,400	-
52302	OPR-COMPUTER & SOFTWARE EXPENSE	1,900	1,900	-
52304	OPR-COPY SUPPLIES AND SERVICES	1,900	1,900	-
52305	OPR-POSTAGE AND FREIGHT EXPENSE	180	180	-
52306	OPR-COMMUNICATIONS	3,750	3,750	-
	Total Office Expenses	10,130	10,130	-
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	19,000	22,644	3,644
52430	OPR-MISC EXPENSE	240	240	-
	Total Other Operating Expenses	19,240	22,884	3,644
	SUBTOTAL OF OPERATIONAL EXPENSES	947,048	1,007,579	60,531
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	21,600	18,600	(3,000)
53110	M&R-CONTROL SYSTEMS	7,000	13,380	6,380
53115	M&R-METERS	2,600	2,600	-
	Total Maintenance and Repair Equipment	31,200	34,580	3,380
	Structures			
53201	M&R-BUILDING	860	860	-
53202	M&R-CLEARWELLS	1,880	600	(1,280)
53205	M&R-PUMPS AND MOTORS	18,500	25,082	6,582
53210	M&R-GATES AND VALVES	6,000	19,900	13,900
53216	M&R-PUMPSTATIONS	9,000	-	(9,000)
53238	M&R-FILTERS	2,600	22,600	20,000
	Total Structures	38,840	69,042	30,202

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
	Other Maintenance & Repairs			
53301	M&R-ROADS	2,000	6,000	4,000
53310	M&R-GROUNDS/ROW	7,200	7,200	-
53325	M&R-GENERAL MAINTENANCE	15,630	3,260	(12,370)
	Total Other Maintenance & Repairs	24,830	16,460	(8,370)
	SUBTOTAL OF M&R EXPENSES	94,870	120,082	25,212
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	132,586	143,602	11,016
	Total Administrative & General	132,586	143,602	11,016
	Transfers			
61505	TRANSFERS-DESIGNATED PROJECT FUND	215,306	215,306	-
	Total Transfers	215,306	215,306	-
	TOTAL OPERATING AND M&R EXPENSES	1,389,810	1,486,569	96,759
	Net Operating Income	7,000	600	(6,400)

DEBT SERVICE BUDGET

	Capacity Charge Revenue			
41131	DEBT SERVICE-LU/LO PROJECT	407,158	398,964	(8,194)
41133	DEBT COVER-LU/LO PROJECT	40,716	39,896	(820)
41138	PLANT DEBT SERVICE	215,306	215,306	-
	Total Capacity Charge Revenue	663,180	654,166	(9,014)
	Total Debt Revenue	663,180	654,166	(9,014)
	Principal Payments Expense			
21150	LOAN-BUDGET PRINCIPAL	199,057	199,057	-
21207	BOND-2014 LULO PIPELINE	285,833	287,500	1,667
	Total Principal Payments Expense	484,890	486,557	1,667
	Interest Expense			
57103	INT-LULO BONDS	121,325	111,464	(9,861)
57250	INT-BUDGET LOAN EXPENSE	16,248	16,249	1
	Total Interest Expense	137,573	127,713	(9,860)

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
Total Debt Expense	<u>622,463</u>	<u>614,270</u>	<u>(8,193)</u>
Net Change in Debt Service Budget	<u>40,717</u>	<u>39,896</u>	<u>(821)</u>
Net Change in Fund Balance	<u>47,717</u>	<u>40,496</u>	<u>(7,221)</u>



Hydroelectric crew
performing maintenance on
weir at Canyon Hydro

Canyon Hydroelectric

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

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

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

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

-
- | | |
|---|--|
| <ul style="list-style-type: none">• Service Provided: Hydroelectric generation• Location: Sattler, TX• Startup Operation Date: 1989• Customer: NBU | <ul style="list-style-type: none">• Capacity: 6 MW• Average Kwh Produced: 8,608,140• # of Current Employees: 1• Budgeted Revenue: \$466,657 |
|---|--|

Canyon Hydroelectric Division

Operating Plan for Fiscal Year Ending 8/31/21

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 90 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 2021 is \$466,657 which is \$48,514 less than budgeted revenue for FY 2020. 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

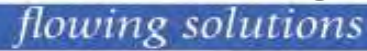
An important component of the Division's operating expenditures is the labor costs associated with operating and maintaining the hydroelectric plant. A substantial share of the labor cost is associated with the hydro plant attendant who visits the plant two to three times each week. Some of the attendant's 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 2021, 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 2021 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)		
	2019	2020	2021
Electrical/Instrumentation Technician	1	---	---
Maintenance Crew	1	1	1
Total	2	1	1

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1-Moved Electrical/Instrumentation Technician to the 041-Water Sales System.

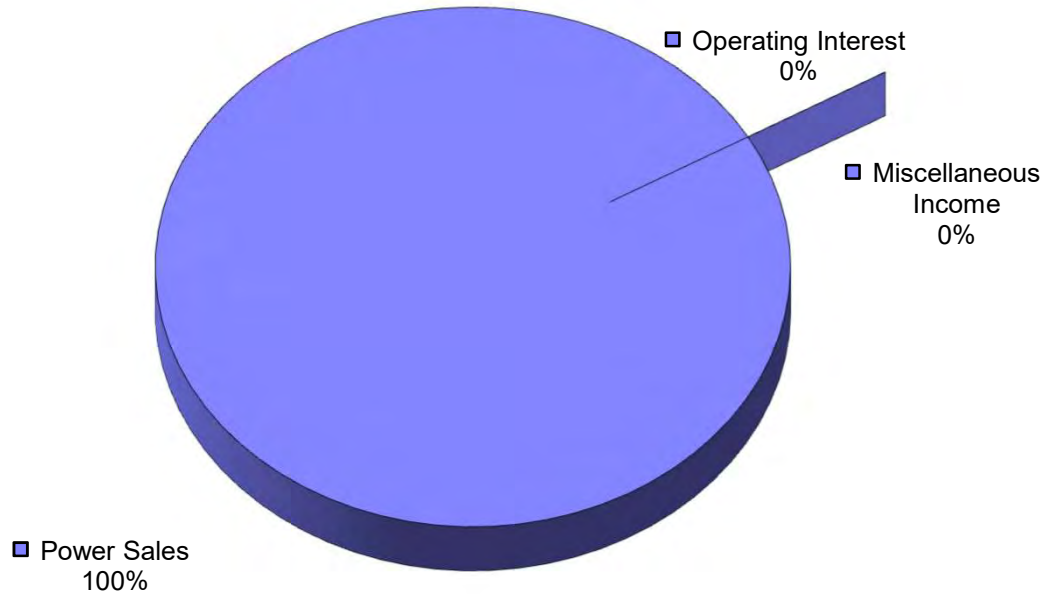
Changes from FY 2020 to 2021

No staffing changes for this division.



Budget Summary

REVENUES - CANYON HYDROELECTRIC

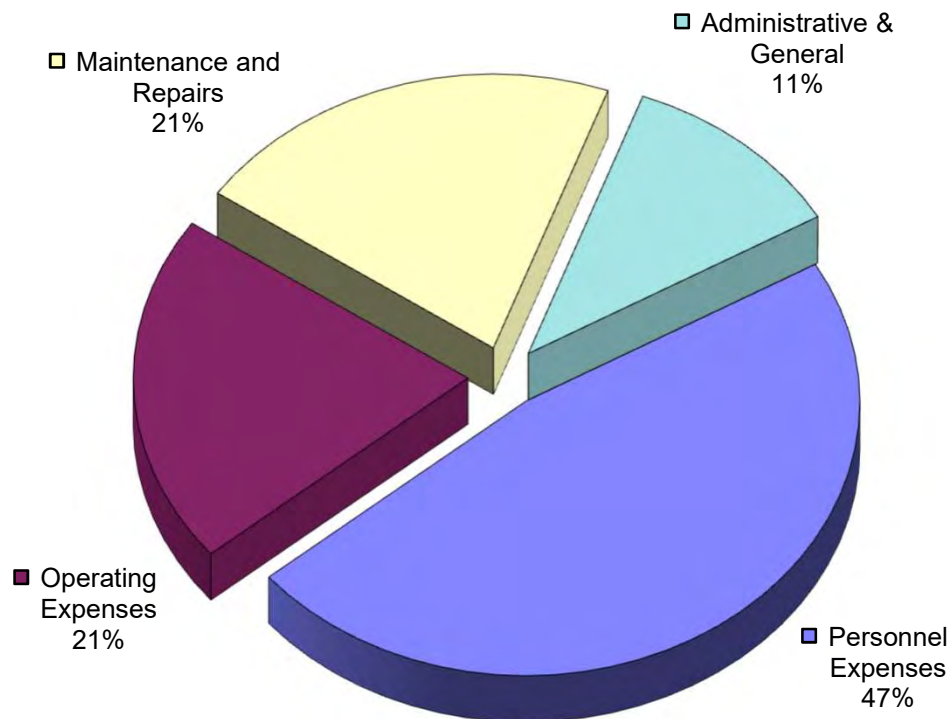


Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales	437,750	513,171	466,657
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest		2,000	
Grant & Interlocal Agreement Income			
Miscellaneous Income	325		
Total Operating Revenue	438,075	515,171	466,657
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	438,075	515,171	466,657



Budget Summary

EXPENSES - CANYON HYDROELECTRIC



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel			
Personnel Expenses	199,881	240,888	220,540
Operating Expenses	71,234	91,804	96,318
Maintenance and Repairs	117,397	125,900	98,000
Administrative & General	49,563	56,579	51,799
Capital Expense & Outlay			
Transfers			
Total Operating and M&R Expenses	438,075	515,171	466,657
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	438,075	515,171	466,657

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**120 - Canyon Hydroelectric
Department ***

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Hydroelectric			
41301 POWER SALES	513,171	466,657	(46,514)
Total Hydroelectric	513,171	466,657	(46,514)
Operating Interest			
44110 INT-OPR INVESTMENT FUNDS	2,000	-	(2,000)
Total Operating Interest	2,000	-	(2,000)
Total Operating Revenue	515,171	466,657	(48,514)
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	158,613	145,256	(13,357)
51102 LBR-OVERTIME	12,838	11,712	(1,126)
Total Salaries	171,451	156,968	(14,483)
Benefits			
51298 BEN-BENEFIT ALLOCATION	69,437	63,572	(5,865)
Total Benefits	69,437	63,572	(5,865)
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	1,000	2,000	1,000
52120 OPR-UNIFORMS	2,000	1,100	(900)
52121 OPR-SAFETY & EMERGENCY EXPENSE	3,000	2,000	(1,000)
52125 OPR-VEHICLE EXPENSE	7,500	7,500	-
52133 OPR-SCADA	120	4,300	4,180
Total Operating Supplies & Services	16,620	21,900	5,280
Professional Services and Fees			
52205 OPR-PROFESSIONAL SERVICES-OTHER	5,000	5,000	-
52216 OPR-REGULATORY FEES	46,000	46,000	-

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
52223	OPR-LICENSE & TRAINING	700	500	(200)
52224	OPR-TRAVEL	300	500	200
	Total Professional Services and Fees	52,000	52,000	-
	Office Expenses			
52306	OPR-COMMUNICATIONS	2,000	1,000	(1,000)
	Total Office Expenses	2,000	1,000	(1,000)
	Other Operating Expenses			
52403	OPR-OFFICE/BUILDING RENTAL	2,184	2,184	-
52420	OPR-INSURANCE EXPENSE	17,000	17,234	234
52430	OPR-MISC EXPENSE	2,000	2,000	-
	Total Other Operating Expenses	21,184	21,418	234
	SUBTOTAL OF OPERATIONAL EXPENSES	332,692	316,858	(15,834)
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	20,000	38,000	18,000
53105	M&R-GENERATORS	10,000	-	(10,000)
53110	M&R-CONTROL SYSTEMS	30,000	10,000	(20,000)
53130	M&R-HYDROELECTRIC	10,000	-	(10,000)
	Total Maintenance and Repair Equipment	70,000	48,000	(22,000)
	Structures			
53201	M&R-BUILDING	900	1,000	100
53235	M&R-TRANSMISSION LINES	5,000	-	(5,000)
53245	M&R-POWERHOUSE	41,000	40,000	(1,000)
	Total Structures	46,900	41,000	(5,900)
	Other Maintenance & Repairs			
53399	M&R-MISC EXPENSE	9,000	9,000	-
	Total Other Maintenance & Repairs	9,000	9,000	-
	SUBTOTAL OF M&R EXPENSES	125,900	98,000	(27,900)
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	56,579	51,799	(4,780)
	Total Administrative & General	56,579	51,799	(4,780)
	TOTAL OPERATING AND M&R EXPENSES	515,171	466,657	(48,514)
	Net Operating Income	-	-	-
	Net Change in Fund Balance	-	-	-



Larremore Plant
Clarifier Spray Bar
Used to reduce foam & debris

Lockhart WWT

This division was established on October 1, 1994 to operate and manage the existing 1.1 mgd Larremore Street Wastewater Treatment Plant and a new 1.5 mgd F.M. 20 Plant, completed in February 1999, under contract with the City of Lockhart. The two plants provide an environmentally-responsible wastewater treatment service for the city limits and have capacity to meet future growth needs.

The F.M. 20 Plant is an approved site for acceptance and treatment of septic tank waste. It utilizes an activated sludge process to treat wastewater ultraviolet (UV) light for disinfection in place of chlorine.

Daily sample testing is completed in an on-site laboratory to ensure effluent meets all state and federal guidelines. Furthermore, biomonitoring tests are performed to ensure that aquatic life and the environment will not be harmed by treated wastewater effluent returned to the surface waters of the Guadalupe River Basin.

-
- | | |
|--|-------------------------------------|
| • Service Provided: Wastewater Treatment | • Capacity: 2.6 MGD |
| • Location: Lockhart, TX | • # of gallons treated: 433,140,000 |
| • Startup Operation Date: 1994 | • # of Current Employees: 4 |
| • Customer: City of Lockhart | • Budgeted Revenue: \$1,289,600 |

Lockhart Division

Lockhart Wastewater Reclamation System

Operating Plan for Fiscal Year Ending 8/31/21

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 433.14 million gallons annually or 1.19 million gallons per day (MGD). For Fiscal Year 2021, the flow will be split with approximately 0.428 MGD treated by the Larremore Plant and 0.757 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 2021 total revenue for the Lockhart Wastewater System is \$1,289,600 which is \$51,184 or 4.1% more than last year's budget.

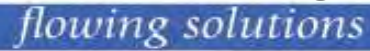
CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The combined capital additions and operating expenditure budget for FY 2021 amounts to \$1,289,600. Significant operating expenses budgeted for Fiscal Year 2021 include biosolids disposal in the amount of \$208,656, power and utilities of \$225,004, laboratory testing and expenses of \$57,335, and \$35,000 for the replacement of a truck with a utility bed.

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 2021 is \$0.



Staffing Summary

Lockhart WWTP	# of Authorized Positions (FTE)		
	2019	2020	2021
Chief Operator	1	1	1
Operators	3	3	3
Total	4	4	4

Changes from FY 2019 to FY 2020

No staffing changes for this division.

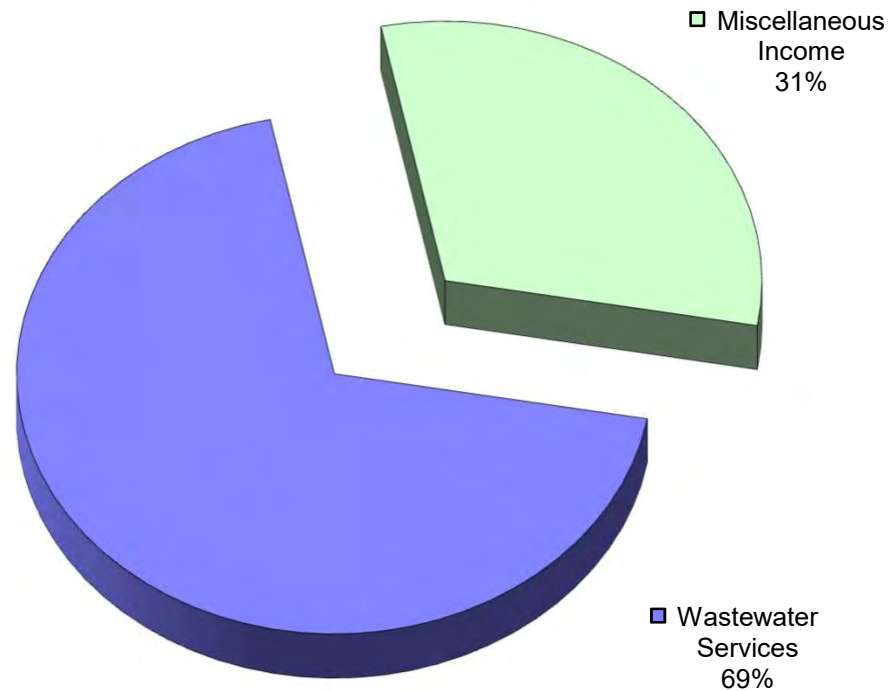
Changes from FY 2020 to FY 2021

No staffing changes for this division.



Budget Summary

REVENUES - LOCKHART WWTP



Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services			
Wastewater Services	827,909	863,416	889,600
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	300,000	375,000	400,000
Total Operating Revenue	1,127,909	1,238,416	1,289,600
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	1,127,909	1,238,416	1,289,600

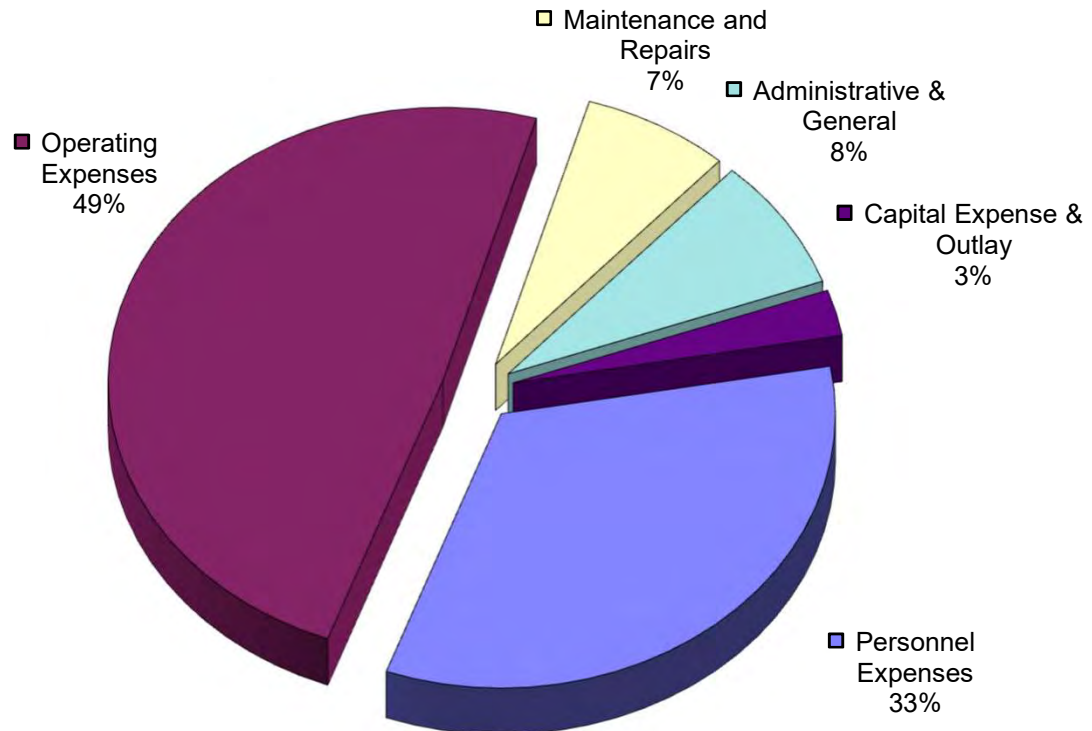


Fiscal Year 2021 Budget

flowing solutions

Budget Summary

EXPENSES - LOCKHART WWTP



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel			
Personnel Expenses	356,611	417,759	430,165
Operating Expenses	558,490	580,372	631,300
Maintenance and Repairs	129,902	142,164	92,100
Administrative & General	82,906	98,121	101,035
Capital Expense & Outlay			35,000
Transfers			
Total Operating and M&R Expenses	1,127,909	1,238,416	1,289,600
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	1,127,909	1,238,416	1,289,600

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**130 - Lockhart WWTP
Department ***

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET			
OPERATING REVENUES			
Wastewater Treatment			
41201 WW-OPR & MAINTENANCE	1,140,295	1,188,565	48,270
41202 WW-ADMINISTRATIVE & GENERAL	98,121	101,035	2,914
41207 WW-CREDIT TO CUSTOMER	(375,000)	(400,000)	(25,000)
Total Wastewater Treatment	863,416	889,600	26,184
Misc Income			
45195 MISCELLANEOUS REVENUES	375,000	400,000	25,000
Total Misc Income	375,000	400,000	25,000
Total Operating Revenue	<u>1,238,416</u>	<u>1,289,600</u>	<u>51,184</u>
OPERATING EXPENSES			
Salaries			
51101 LBR-REGULAR WAGES	281,932	290,071	8,139
51102 LBR-OVERTIME	15,405	16,096	691
Total Salaries	297,337	306,167	8,830
Benefits			
51298 BEN-BENEFIT ALLOCATION	120,422	123,998	3,576
Total Benefits	120,422	123,998	3,576
Operating Supplies & Services			
52101 OPR-POWER & UTILITIES	225,004	225,004	-
52102 OPR-AUXILIARY POWER EXPENSE	6,825	4,915	(1,910)
52103 OPR-CHEMICALS	28,354	27,796	(558)
52110 OPR-SMALL TOOLS AND SUPPLIES	1,250	1,300	50
52113 OPR-LAB SUPPLIES	16,937	17,632	695
52114 OPR-LABORATORY SERVICES-GBRA	26,354	29,840	3,486
52115 OPR-LABORATORY SERVICES-OUTSOURCED	9,301	9,863	562
52118 OPR-DISPOSAL SERVICES	150,660	208,656	57,996
52120 OPR-UNIFORMS	4,440	4,440	-

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
52121	OPR-SAFETY & EMERGENCY EXPENSE	5,000	3,360	(1,640)
52122	OPR-SECURITY EXPENSE	4,000	4,000	-
52124	OPR-EQUIPMENT EXPENSE	3,780	3,500	(280)
52125	OPR-VEHICLE EXPENSE	7,180	7,210	30
52126	OPR-FLEET LEASE EXPENSE	10,800	1,200	(9,600)
52133	OPR-SCADA	2,800	4,300	1,500
	Total Operating Supplies & Services	502,685	553,016	50,331
	Professional Services and Fees			
52205	OPR-PROFESSIONAL SERVICES-OTHER	13,880	12,280	(1,600)
52217	OPR-INSPECTION FEES	23,520	23,520	-
52222	OPR-MEMBERSHIPS & PUBLICATIONS	720	720	-
52223	OPR-LICENSE & TRAINING	2,192	2,072	(120)
	Total Professional Services and Fees	40,312	38,592	(1,720)
	Office Expenses			
52301	OPR-OFFICE SUPPLIES	5,060	4,920	(140)
52302	OPR-COMPUTER & SOFTWARE EXPENSE	4,475	3,650	(825)
52306	OPR-COMMUNICATIONS	6,600	6,600	-
	Total Office Expenses	16,135	15,170	(965)
	Other Operating Expenses			
52420	OPR-INSURANCE EXPENSE	21,000	24,322	3,322
52430	OPR-MISC EXPENSE	240	200	(40)
	Total Other Operating Expenses	21,240	24,522	3,282
	SUBTOTAL OF OPERATIONAL EXPENSES	998,131	1,061,465	63,334
	Maintenance and Repair Equipment			
53101	M&R-EQUIPMENT	18,800	19,900	1,100
53110	M&R-CONTROL SYSTEMS	7,500	2,500	(5,000)
53115	M&R-METERS	12,364	5,800	(6,564)
	Total Maintenance and Repair Equipment	38,664	28,200	(10,464)
	Structures			
53201	M&R-BUILDING	31,000	3,500	(27,500)
53205	M&R-PUMPS AND MOTORS	10,550	19,700	9,150
53210	M&R-GATES AND VALVES	10,000	2,000	(8,000)
53220	M&R-CLARIFIERS	13,500	7,700	(5,800)
53237	M&R UV SYSTEM	10,000	10,000	-
	Total Structures	75,050	42,900	(32,150)
	Other Maintenance & Repairs			
53310	M&R-GROUNDS/ROW	20,500	13,000	(7,500)
53325	M&R-GENERAL MAINTENANCE	7,950	8,000	50

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
	Total Other Maintenance & Repairs	28,450	21,000	(7,450)
	SUBTOTAL OF M&R EXPENSES	142,164	92,100	(50,064)
	Administrative & General			
54100	ADMINISTRATIVE & GENERAL	98,121	101,035	2,914
	Total Administrative & General	98,121	101,035	2,914
	Capital Outlay			
13217	AUTO & HEAVY EQUIPMENT	-	35,000	35,000
	Total Capital Outlay	-	35,000	35,000
	TOTAL OPERATING AND M&R EXPENSES	1,238,416	1,289,600	51,184
	Net Operating Income	-	-	-
	Net Change in Fund Balance	-	-	-

Lockhart WWTP - Capital Outlay Expense

Description	FY 2021
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Capital Outlay Funded From Current Revenues

3/4 Ton Truck with Utility Bed	\$	35,000
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Total Lockhart WWTP Capital Outlay Expense	\$	35,000
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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: 157,203,000• # of Current Employees: 3• Budgeted Revenue: \$923,075 |
|--|---|

Lockhart Division

Lockhart Water Treatment Plant System

Operating Plan for Fiscal Year ending 8/31/21

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 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 2021 is 157.203 MG or 0.431 MGD. However, the total water needs for the City from all sources is estimated to be approximately 546.567 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 2021 operating revenue for the Lockhart Water Treatment Plant System is \$923,075 which is \$115,427 or 14.3% more than last year's budget and is based on a total estimated annual water treatment of 157,203,000 gallons or 157.203 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 2021 replicates the revenue budget and therefore also amounts to \$923,075. 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 2021 is \$38,430. Power will also be a major expense for the upcoming year amounting to \$54,360. The maintenance expenses include the replacement of a transfer pump in the amount of \$45,000. Also included in the budget is the replacement of an operator truck with lift gate at an estimate of \$35,000.

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 2021 is \$0.



Staffing Summary

Lockhart WTP	# of Authorized Positions (FTE)		
	2019	2020	2021
Operators	3	3	3
Total	3	3	3

Changes from FY 2019 to FY 2020

No staffing changes for this division.

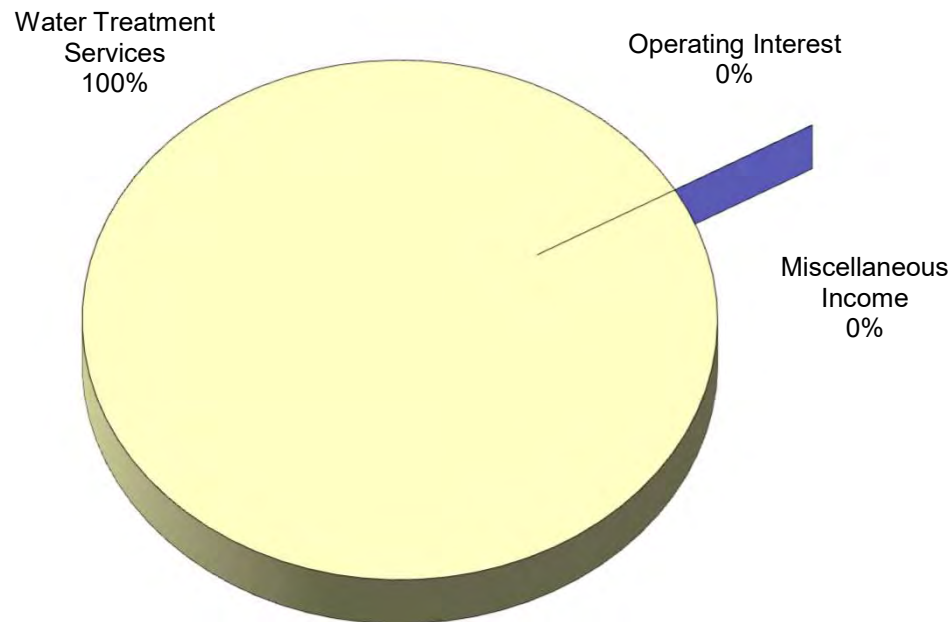
Changes from FY 2020 to FY 2021

No staffing changes for this division.



Budget Summary

REVENUES - LOCKHART WTP

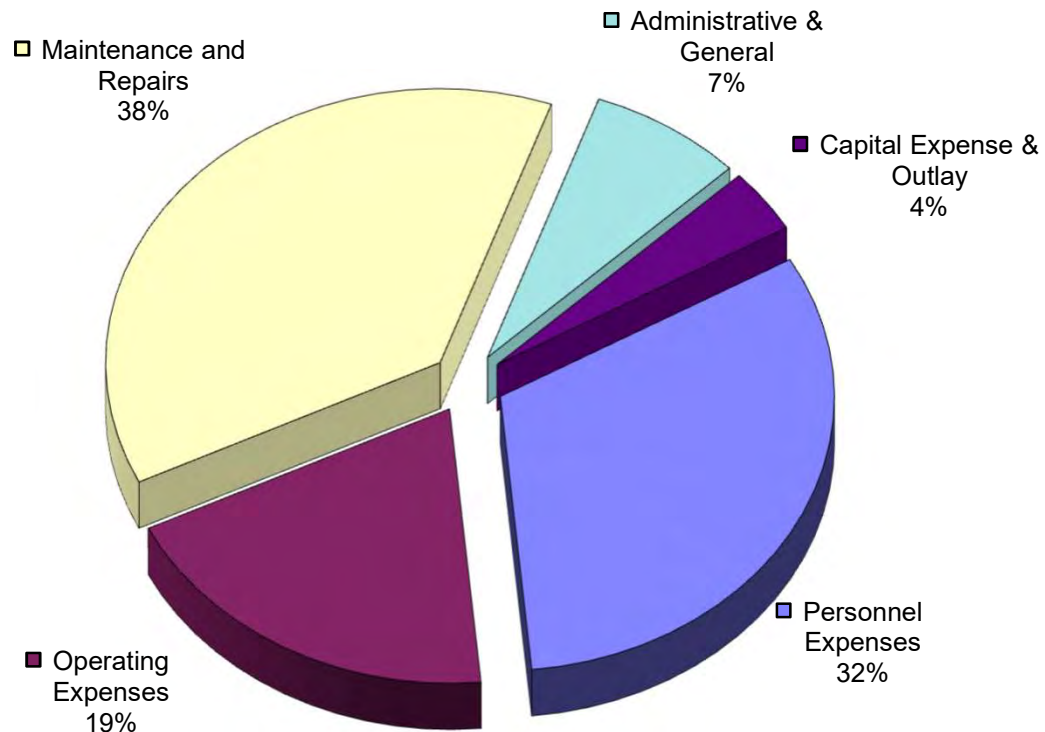


Revenues	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Power Sales			
Wholesale Water Sales			
Water Treatment Services	591,558	807,648	923,075
Wastewater Services			
Retail Water & Wastewater Sales			
Pipeline Revenue			
Industrial Services			
Laboratory Services			
Recreational & Other Rentals			
Administrative & General			
Operating Interest			
Grant & Interlocal Agreement Income			
Miscellaneous Income	683		
Total Operating Revenue	592,241	807,648	923,075
Capacity Charge Revenue			
I/F Loan Repayments from Operations			
Grand Total Revenues	592,241	807,648	923,075



Budget Summary

EXPENSES - LOCKHART WTP



Expenses	FY 2019 Actual	FY 2020 Budget	FY 2021 Budget
Personnel Expenses	216,152	259,332	293,851
Operating Expenses	150,817	179,375	178,356
Maintenance and Repairs	174,985	308,030	346,850
Administrative & General	50,287	60,911	69,018
Capital Expense & Outlay			35,000
Transfers			
Total Operating and M&R Expenses	592,241	807,648	923,075
Debt Service-Principal			
Debt Service-Interest			
Grand Total Expenses	592,241	807,648	923,075

**Guadalupe-Blanco River Authority
Work Plan & Budget
Fiscal Year Ending August 31, 2021**

**131 - Lockhart WTP
Department ***

		FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
OPERATING BUDGET				
OPERATING REVENUES				
Water Treatment				
41101	PLANT O&M	746,737	854,057	107,320
41102	PLANT A&G	60,911	69,018	8,107
	Total Water Treatment	807,648	923,075	115,427
	Total Operating Revenue	807,648	923,075	115,427
OPERATING EXPENSES				
Salaries				
51101	LBR-REGULAR WAGES	175,293	197,432	22,139
51102	LBR-OVERTIME	9,285	11,715	2,430
	Total Salaries	184,578	209,147	24,569
Benefits				
51298	BEN-BENEFIT ALLOCATION	74,754	84,704	9,950
	Total Benefits	74,754	84,704	9,950
Operating Supplies & Services				
52101	OPR-POWER & UTILITIES	54,360	54,360	-
52103	OPR-CHEMICALS	37,742	38,430	688
52110	OPR-SMALL TOOLS AND SUPPLIES	1,000	1,000	-
52113	OPR-LAB SUPPLIES	12,400	10,908	(1,492)
52114	OPR-LABORATORY SERVICES-GBRA	4,700	4,700	-
52115	OPR-LABORATORY SERVICES-OUTSOURCED	5,740	6,040	300
52120	OPR-UNIFORMS	3,502	3,502	-
52121	OPR-SAFETY & EMERGENCY EXPENSE	1,300	1,435	135
52122	OPR-SECURITY EXPENSE	4,000	1,750	(2,250)
52123	OPR-EQUIPMENT RENTAL	1,650	1,500	(150)
52124	OPR-EQUIPMENT EXPENSE	120	150	30
52125	OPR-VEHICLE EXPENSE	4,640	4,130	(510)
52126	OPR-FLEET LEASE EXPENSE	1,200	1,200	-
52133	OPR-SCADA	2,800	4,300	1,500

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
Total Operating Supplies & Services	135,154	133,405	(1,749)
Professional Services and Fees			
52205 OPR-PROFESSIONAL SERVICES-OTHER	4,320	5,080	760
52217 OPR-INSPECTION FEES	11,616	11,640	24
52222 OPR-MEMBERSHIPS & PUBLICATIONS	424	424	-
52223 OPR-LICENSE & TRAINING	2,700	2,672	(28)
Total Professional Services and Fees	19,060	19,816	756
Office Expenses			
52301 OPR-OFFICE SUPPLIES	2,100	2,000	(100)
52302 OPR-COMPUTER & SOFTWARE EXPENSE	2,825	2,000	(825)
52306 OPR-COMMUNICATIONS	3,996	3,996	-
Total Office Expenses	8,921	7,996	(925)
Other Operating Expenses			
52420 OPR-INSURANCE EXPENSE	16,000	16,889	889
52430 OPR-MISC EXPENSE	240	250	10
Total Other Operating Expenses	16,240	17,139	899
SUBTOTAL OF OPERATIONAL EXPENSES	438,707	472,207	33,500
Maintenance and Repair Equipment			
53101 M&R-EQUIPMENT	3,900	4,750	850
53110 M&R-CONTROL SYSTEMS	13,900	6,000	(7,900)
53115 M&R-METERS	7,280	7,900	620
Total Maintenance and Repair Equipment	25,080	18,650	(6,430)
Structures			
53201 M&R-BUILDING	2,400	2,400	-
53205 M&R-PUMPS AND MOTORS	26,100	55,750	29,650
53210 M&R-GATES AND VALVES	4,000	4,000	-
53235 M&R-TRANSMISSION LINES	16,000	10,000	(6,000)
Total Structures	48,500	72,150	23,650
Other Maintenance & Repairs			
53302 M&R-WELLS	209,750	209,750	-
53310 M&R-GROUNDS/ROW	16,500	15,000	(1,500)
53325 M&R-GENERAL MAINTENANCE	8,200	31,300	23,100
Total Other Maintenance & Repairs	234,450	256,050	21,600
SUBTOTAL OF M&R EXPENSES	308,030	346,850	38,820
Administrative & General			
54100 ADMINISTRATIVE & GENERAL	60,911	69,018	8,107

	FY 2020 BUDGET	FY 2021 BUDGET	FY 2021-2020 DIFFERENCE
Total Administrative & General	60,911	69,018	8,107
Capital Outlay			
13217 AUTO & HEAVY EQUIPMENT	-	35,000	35,000
Total Capital Outlay	-	35,000	35,000
TOTAL OPERATING AND M&R EXPENSES	807,648	923,075	115,427
Net Operating Income	-	-	-
Net Change in Fund Balance	-	-	-

Lockhart WTP - Capital Outlay Expense

Description	FY 2021
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Capital Outlay Funded From Current Revenues

3/4 Ton Truck with Utility Bed	\$	35,000
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<u>Total Lockhart WTP Capital Outlay Expense</u>	<u>\$</u>	<u>35,000</u>
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Glossary

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

Glossary

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

Glossary

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

Glossary

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

Glossary

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

Glossary

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

Glossary

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

Glossary

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

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