GUADALUPE-BLANCO RIVER AUTHORITY

WORK PLAN AND BUDGET

Fiscal Year Ending August 31, 2018

Seguin, Texas

Guadalupe-Blanco River Authority

Organized to Protect, Conserve, Reclaim and Steward…

Our Vision

The Guadalupe-Blanco River Authority is a widely recognized leader in managing water resources that benefit both people and the environment.

Our Values

- *GBRA shall respect its co-workers, customers and the natural resources it manages.*
- *GBRA shall demonstrate in its conduct trustworthiness, honesty and the highest integrity.*
- *GBRA shall exhibit dedication, conviction and courage in following its mission and values.*
- *GBRA employees shall exhibit loyalty to each other, our organization and constituents.*
- *Teamwork, teamwork, teamwork!*



The Government Finance Officers Association of the United States and Canada (GFOA) presented a Distinguished Budget Presentation Award to the Guadalupe-Blanco River Authority, Texas for its annual budget for the fiscal year beginning September 1, 2016. In order to receive this award, a governmental unit must publish a budget document that meets program criteria as a policy document, as an operations guide, as a financial plan and as a communications device.

The award is valid for a period of one year only. We believe our current budget continues to conform to program requirements, and we are submitting it to GFOA to determine its eligibility for another award.

GUADALUPE-BLANCO RIVER AUTHORITY

WORK PLANS AND BUDGETS

Fiscal Year Ending August 31, 2018

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Dennis L. Patillo
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Executive Manager of Resource Policy and Stewardship
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FY 2018 WORK PLAN AND BUDGET
PROGRAM NARRATIVE

The mission of the Guadalupe-Blanco River Authority is to "protect, conserve, reclaim, and steward the resources of the district and provide leadership in regional cooperation 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. With new executive leadership joining GBRA in 2016 and the continued growth in the entire basin, a comprehensive update of GBRA's Strategic Plan is currently in development and a draft outline is presented in this document. In developing the FY 2018 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 2018 financial highlights and following the highlights are elements of the FY 2018 Work Plan and Budget organized around the strategic priorities proposed in the draft Strategic Plan.

FY 2018 Financial Highlights:

- The consolidated FY 2018 budgeted operating expenditures total $49.9 million, representing a 2.8% decrease compared to the FY 2017 Budget adjusted for bond financed capital items. The overall decrease represents reduction in non-recurring expenses associated with projects and grants as well as the sale of the Springs Hill Wastewater Treatment Plant to the City of Seguin.
- The consolidated FY 2018 budgeted revenues total $57.1 million, representing a decrease of 3.4% decrease compared to the FY 2017 Budget. The overall decrease is due to reduction in grant funds budgeted. After payment of all debt including principal, the net change in fund balance is estimated to be $563,000. This increase is primarily associated with additional retail customers in the growing Western Canyon division.
- The FY 2018 Budget assumes a recommended firm committed Canyon water rate of $145 per acre-foot, an increase of 2% from the current year rate of $142 per acre-foot. The increase is needed primarily for infrastructure improvements including the Canyon Lake facility which is operated by the U.S Army Corps of Engineers.
- The Budget includes three new positions, an engineer, construction inspector and water plant operator. The engineer will assist with the GBRA's asset investment and infrastructure management. The construction inspector and water plant operator positions are critical for growing operations, particularly in the western canyon area and IH-35 corridor. However with the full business reorganization complete in FY 2017, the net number of new positions is 1.5 full-time equivalents.
- The FY 2018 Budget addresses the significant need to continue to invest in new programs and rehabilitate existing infrastructure. Capital projects for FY 2018 total $49.5 million and include the bond financed purchase of the Gonzales Groundwater Project and the hydro dam rehabilitation programs.
- The FY 2018 Budget sustains the existing Board policy of working capital reserve of 5 months of budgeted revenue.

Strategic Priority: **Operational Excellence**
Outcomes: **Safe, Reliable, Sustainable Water Supply**
Clean, Protective, Innovative Wastewater Treatment
Water Resource Protection

- GBRA is actively involved in the activities and policy development processes of the Edwards Aquifer Authority (EAA). An integral part of EAA's policy development is the Recovery Implementation Plan (RIP). The RIP's basic goal is to insure the viability of endangered species that live in and around Comal and San Marcos Springs. An important component of the RIP has been the preparation of a Habitat Conservation Plan (Plan) which was approved by the U.S. Fish and Wildlife Service in FY 2013. The Plan includes initiatives to better assure the continuation of spring flow even during times of severe drought. GBRA will continue to work with all Edwards Aquifer stakeholders to better assure that the Plan's provisions and goals are met. In 2018, $400,000 is budgeted for GBRA's portion of the Plan implementation.

- GBRA has been very involved in the discussion and development of the State of Texas water planning process known as Senate Bill One (SB1). The SB1 work has resulted in the Texas State Water Plan and periodic updates to the Plan. During FY 2018, GBRA will continue work related to the SB1 process as well as other State related regulatory studies including In-Stream Flow and Environmental Flow Requirements.

- Working in conjunction with several other agencies, GBRA has been deeply involved in water quality studies and related issues, including continued participation in the Clean Rivers Program and watershed protection programs for Plum and Geronimo Creeks. Grant funding is included in the FY 2018 budget.

- GBRA has an ongoing public communication and outreach program related to water conservation, water supply, wastewater treatment, and legislative affairs. This expanded communication program has included water education programs at the elementary and middle school levels as well as interactive kiosks at several public buildings throughout the watershed and even beyond. In addition, funding for economic development activities with communities in the basin is included in the FY 2018 Budget.

- The continued water quality and ecological health of the Guadalupe River, the delta and San Antonio Bay is the foundation for GBRA's mission. Funding for the San Antonio Bay Foundation and the Guadalupe-Blanco River Trust continues in FY 2018. These two entities assist with the habitat preservation of the Bay area as well as managing conservation easements in the basin. In addition, GBRA will continue to partner with outside interested parties to ensure the endangered whooping crane habitat is maintained and expanded for the growing flock of cranes in the San Antonio Bay area.

Strategic Priority: **Asset Investment**
Outcomes: **Organizational Enhancements**
Employee Relations
Infrastructure Management

- With the new executive leadership joining the organization in 2016, a comprehensive review of GBRA's strategic initiatives and organizational structure was conducted. This resulted in an update to the strategic plan that is currently in draft form as well as a reorganization to better position GBRA's ability to understand and meet the needs of a growing customer base in central and south Texas. This budget reflects the impact of the reorganization that resulted in a net 1.5 FTE decrease in the number of FY 2017 positions budgeted. In FY 2018, 3 new positions are included netting an overall 1.5 FTE increase over FY 2017.

- The Budget includes a budgeted 3% increase of salaries for employee performance recognition as well as funding for on-going employee training and education. Investment in employees and viable succession planning continue to be priorities to ensure GBRA delivers quality services.

- Staff has initiated a significant effort to establish a GBRA asset management program to address the long-term viability of all assets under GBRA management whether owned by GBRA or its customers. Funding for an asset management software program as well as a new engineer position to assist with the program is included in the FY 2018 Budget.

Strategic Priority: **Project Management**
Outcomes: **Water Supply**
Wastewater Services
Flood Management
Hydro Lakes

- The staff has implemented water, wastewater and electric rate increases when appropriate to fund new and existing operations and to better assure operational and financial stability. GBRA's contract rate for firm, committed water is projected to increase to $145.00 per acre-foot during FY 2018, which is a 2.1% increase from last year. The increase is needed primarily for infrastructure improvements including the Canyon Lake facility which is operated by the U.S Army Corps of Engineers.

- Another of the principal rates charged by GBRA relates to the Guadalupe Valley Hydroelectric Division. This division has had challenges in that electric generation and

revenues are closely impacted by the weather and the market for electricity. All electricity produced by the Division is delivered to the Guadalupe Valley Electric Cooperative (GVEC). The rate will continue as is during FY 2018. In the summer of 2017, GBRA and GVEC initiated a pilot project that entails having GBRA's GV hydroelectric generation assist with GVEC's peaking management during times of high demand on the overall Texas power grid. The pilot maximizes operations of the GV hydroelectric plants during those key days in the year resulting in lowering GVEC's demand on the power grid. Initial results of the pilot program have been successful and it is expected that the pilot program will evolve to full implementation resulting in cost savings for GVEC.

- The $3,768,000 budgeted in FY 2017 for the spill gate rehabilitation program was funded in FY 2017 and is included in the GV Hydro Project Fund. This program will address immediate concerns for all six hydro dams in the system and ongoing studies for replacement of Lake Wood gates and one year of debt service.

- With the continued growth in central and south Texas, GBRA recognizes the need to develop and deliver water supply to meet the long-term needs of communities and entities in the basin. During FY 2018, GBRA will purchase groundwater rights for 15,000 acre-feet of groundwater leases located in Gonzales County. The purchase will be bond financed and long-term purchase and delivery contracts are in development with customers. Study of additional water supply options for the mid-basin will continue. Additionally, with renewed interest for development along the Texas Gulf coast, GBRA will continue to study options, including reservoir development, to firm up existing run-of-the river rights in the lower basin.

- Addressing the current needs of existing customers, GBRA is adding positions to continue to serve customers in the fast growing Western Canyon area and IH 35 corridor. A plant operator is included for the Western Canyon Water Plant Division. A new construction inspector position will support customers in the growing areas under construction. To offset the costs associated with inspections, a new construction inspection fee has been established.

- The Coleto Creek Recreation Division manages the popular Coleto Creek Park. With needs to improve the aging infrastructure this budget proposes fee increases to continue to recover costs associated with operation and maintenance of the park.

- GBRA has established a continuing, cooperative agreement with the National Weather Service and a related basin-wide communication network to monitor rainfall and stream flow has been constructed to increase the availability of public information particularly during extreme weather events. Funding for this critical program is included in the FY 2018 budget.

The accompanying Work Plan and Budget was developed to continue the activities listed above as well as to fulfill GBRA's broader mission. GBRA began the planning process by developing a list of projects that advance or implement the strategic goals and priorities within the mission. During the months that followed, staff focused on refining and prioritizing the Work Plan and Budget to ensure that it is efficient, economically feasible, and to the extent possible, limiting the need to increase

customer fees. Finally in preparing this budget document, additional emphasis was placed on ensuring that the Work Plan was written in such a way that it could be effectively communicated to all of GBRA's employees, customers and constituents.

Successful implementation of the Plan throughout the fiscal year will be a responsibility shared by every GBRA employee. The purpose of the remaining portions of this narrative is to communicate the areas of emphasis within the Work Plan by:

I. Historical Review
II. Draft Strategic Plan
III. Financial Policies
IV. Financial Goals
V. Organization and Staff
VI. Major elements of the Work Plan and Budget
VII. Operating Budget Formats
VIII. Statistical and Financial Data
IX. Rates

I. HISTORICAL REVIEW

The Texas Legislature created the Guadalupe-Blanco River Authority in 1935 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" 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 Coleto 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 Dunlap WWTP System as a result of on-going home construction in the White Wing and Legend Pond subdivisions as well as from new developments in the Canyon Park WWTP service area. Additionally during FY 2018, GBRA continues to monitor the construction followed by operation of new wastewater treatment plants in the Park Village and Four 2 Ranch Developments in Comal County. These new plants are located in a rapid growth area that is just north of San Antonio near the Hwy 46 and 281 interchange. The financial impact of the all of these operations is depicted on page 49.

II. MISSION, GOALS AND OBJECTIVES

In the summer of 2016, the GBRA Board of Directors and Management Team began the process to comprehensively update GBRA's strategic plan. Staff workshops were held throughout the fall of 2016 and a draft plan was developed during the first half of 2017. Adoption by the Board of Directors is scheduled for summer 2017 with implementation reflected in the FY 2018 budget. The plan is in draft form and is presented below.

Vision – Culture/Structure/Direction

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

Mission – Purpose/Outcomes

- 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 – Internal Accountability/Expectations

- 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/Strategic Issues and Priorities

Operational Excellence
Asset Investment
Project Management

Operational Excellence:

- Safe, Reliable, Sustainable Water Supply
- Clean, Protective, Innovative Wastewater Treatment
- Water Resource Protection

Asset Investment:

- Organizational Enhancements
- Employee Relations
- Infrastructure Management

Project Management:

- Water Supply
  - Treatment
  - Transmission
  - Development
    - Surface
    - Groundwater
    - Conjunctive
    - Desalination

- Wastewater
  - Treatment
  - Discharge/Watershed Protection
  - Re-Use

- Flood
  - Mapping
  - Planning
  - Grants

- Hydro Lakes
  - Infrastructure
  - Electricity generation
  - Flood Flows
  - Recreation

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 directives 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 FY 2018 Work Plan and Budget includes $633,800 for the purchase of such insurance coverage.

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. Total interest earnings on investments for FY 2018 are budgeted to be $231,846.

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 $2,000 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 anyway 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 financial reserve balance that approximates 42% of gross revenue, which equates to five months of operations. GBRA has continued to meet this goal during the current year with available financial reserves as of June 30, 2017 of $31.1 million.

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 33.35, 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 budgeted and non-budget purchases based on pre-approved spending levels. These spending levels are shown later in the Staffing Summary section on pages 38-39.

A net increase of one and a half positions is included in the Work Plan for FY 2018 from the previous year's Work Plan. The position changes include an engineer, construction inspector and water plant operator.

VI. MAJOR ELEMENTS

Described below are some of the major elements in the GBRA Work Plan and Budget for FY 2018 as well as some of the key components in our efforts to implement and advance the broader GBRA Goals and Objectives.

General Division

A. Within GBRA's General and Water Resource Divisions, most of the administrative, engineering, public communication, governance, human resources, 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. Funds are also included 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. This budget establishes funding for important upgrades to GBRA's financial and human resource management software. Continued funding is also included for ongoing security enhancements to minimize exposure to unsolicited system intrusions, strengthening of GBRA's database and SCADA capabilities, and improving systems to enhance 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, 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 as FY 2017 at 33% of labor.

F. Funding is included to upgrade the West River Annex Board Meeting room audio/visual capabilities.

G. Included in the General Project Fund for FY 2018 is a Vacuum Truck purchase for use by the Rural Utilities Division. The operating divisions utilizing the asset will reimburse the General Division through a vehicle use charge included in those operating division's budgets. The intent is to expand and utilize this concept to establish a GBRA vehicle program that serves all divisions through a consistent vehicle use charge. Through this process GBRA can better manage all vehicle assets based on lifetime costs and pass this benefit to all customers. The detail of this fund is included at the end of this section.

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). Several years ago, GBRA and GVEC agreed to a rate of 5.55¢ per kilowatt-hour assuming average annual generation. Even at this rate, which generally exceeds average market electricity pricing, the hydroelectric division cannot always generate enough revenue to fund operations as well as a multi-million dollar repair and replacement program needed for its aging infrastructure. Recognizing this significant issue for long-term sustainability of the division, GBRA has begun initiatives to enhance existing revenue streams as well as develop other funding sources for the GV hydroelectric system.

B. Included in the proposed FY 2018 budget is a loan payment (principal and interest) in an amount equal to one year of debt service on an anticipated $4 million dollar loan for the first phase of the spill gate replacement program (H-5 gate replacement). To offset this outlay, included in Miscellaneous Revenues is an amount equal to the projected loan payment. This is presented as a projection subject to securing a funding source for the loan and the repayment of the loan. GBRA looks forward to working with GVEC and other partners in developing the long-term funding sources for this initial outlay as well as the entire spill gate replacement program throughout the GV Hydro System.

C. The $3,768,000 budgeted in FY 2017 for the spill gate rehabilitation program was funded in FY 2017 and is included in the GV Hydro Project Fund.

D. 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.

E. Employees of the Hydroelectric Division are also responsible for the operation and maintenance of the Regional and Guadalupe Power Partners raw water pump stations and pipelines that began operations during FY 2001.

F. In addition to the major spill gate repair projects described above, several other significant projects are scheduled during FY 2018 within the Hydroelectric Division. These include turbine inspections at each of the dams, spill gate inspections, electrical transmission line repairs and maintenance, pole replacements, structural and erosion repairs on dams and levees, suspension bridges upgrades, SCADA upgrades, "fender board" replacements, and power house painting.

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 problems continue to be addressed to reduce potential sources of pollution and to minimize the detrimental impact on plant hydraulic capacities. Another area of emphasis within the Rural Utilities Division will be the expenditures relating to engineering work to initiate the plans and specifications for the plant expansion at the Canyon Park WWTP which is anticipated to occur in the next few years and the building of a shop/office/lab at the Dunlap WWTP.

B. GBRA initiated an expansion of the Dunlap Wastewater Treatment Plant starting in September 2006 and a collection system expansion in FY 2013. Together, the enlarged system will provide wastewater service for approximately 2,500 new homes in this area of Guadalupe County.

C. Monthly sewer rates are scheduled to increase by 4% to $52 for the Canyon Park and Dunlap facilities. These increases are required to continue to cover costs of the operations as well as capital investments for these systems.

D. Cordillera Wastewater monthly rates are scheduled to increase by 4.48% to continue to cover cost of operations. In addition, service call and grinder pump replacement fees will be implemented in FY 2018.

E. GBRA now operates and maintains thirteen wastewater treatment plants. The latest additions include the Singing Hills Wastewater Plant and the Johnson Ranch Wastewater Plant, located in Comal County and the Sunfield Municipal Utility District Plant in northern Hays County. The Sunfield plant serves the high growth area east of the City of Buda while the Singing Hills and Johnson Ranch plants serve new residential and commercial developments near the City

of Bulverde. Also included in the FY 2018 Work Plan and Budget is the early development work and associated costs related to wastewater plants for the Park Village and 4S Ranch developments in Comal County.

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 now 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 MUD.

B. Since 2006, GBRA also has owned and operated 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. A significant project is budgeted to occur in the Western Canyon Water Treatment Plant Division during 2017-2018 related to mitigating disinfection by-products that occasionally occur in the treatment of surface water. The $3,500,000 project will mitigate the potential development of these by-products by providing aeration of the treated water before it is piped to the customers of 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 staff 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 $145 per acre-foot per year. The program costs within GBRA's Water Resource operations have trended up with time resulting in a rate increase for FY 2018. Programs that will be an emphasis in the FY 2018 Water Resource work plan include the various programs related to flows from the Edwards Aquifer, the continued development of the Mid-Basin Surface Water Project and the Lower Basin Water Supply Project firming up run-of-river water rights near the mouth of the river.

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 2018 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 also funding for installation of a new streamflow gage in the river basin as well as 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 the Texas State 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, the Clean Rivers Program, operational studies of Canyon Reservoir releases, water supply issues in Kendall, Comal, Calhoun and Hays Counties, watershed protection studies, permitting costs of new surface water supplies, and the Edwards Aquifer issue.

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. GBRA currently operates five surface water treatment plants including the Port Lavaca, Lockhart, San Marcos, Luling, and Western Canyon Plants. 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.

K. The Port Lavaca Treatment Plant is unique in that GBRA owns the facility. The plant has reached its useful life and needs significant rehabilitation. In FY 2017 GBRA hired a consultant to assess the asset and make recommendations for its replacement. $5,200,000 has been budgeted in the Port Lavaca Project Fund for FY 2018. This full project is expected to be funded through a future revenue bond issuance.

L. 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.

M. 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 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 2018 is $1,208,084.

N. 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 total revenue budget for this pipeline for the 2018 fiscal year is $541,548.

O. In the Calhoun County Rural Water Supply Division, projects to improve system efficiency will continue. GBRA staff will utilize touch-read or radio-control transmitting meters for all new meter installations and upgrade the Six Mile Station, Bay Meadows and Ocean Drive portion of the system.

P. 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. The staff will also be working with county officials and local developers in Comal County to assist in the construction of wastewater treatment plants to serve the rapidly growing area surrounding the City of Bulverde.

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. Several of these projects will require some GBRA water supply pipelines to be relocated.

Recreation and Tourism Development

A. GBRA operates three park facilities, including the Coleto 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 this river basin.

B. The Guadalupe Recreation System and the Guadalupe Valley Hydroelectric Division hosts the Texas Electric Lineman Rodeo in July. The rodeo 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 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 tourism development that translates into economic growth and development within the river basin. Staff members are specifically involved in tourism-related activities in Luling, Gonzales, Victoria, Boerne, and Goliad as well as the area near Canyon Reservoir and on the San Marcos River where "tubing" is a popular past time. 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 sufficient time at training programs and conferences.

B. GBRA will also continue to emphasize its safety, health and wellness programs.

C. The contribution to the GBRA Employees Retirement Plan is budgeted to remain relatively stable at approximately 12% of total payroll during the coming year. GBRA did alter its retirement benefit to all employees hired after January 1, 2011 from a Defined Benefit Pension Plan to a Defined Contribution Plan. The contribution to the GBRA Health Insurance Plan is expected to moderately increase due to a continuing inflation trend within the health care industry. The overall employee benefit operating costs are expected to increase from $4,418,730 in FY 2017 to $4,770,966 in FY 2018.

VII. BUDGET FORMATS

GBRA is comprised of ten separate operating divisions and 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 31-32 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 Northcliffe Wastewater Treatment Plant (City of Schertz), 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, Coleto Creek Reservoir, Luling Water Treatment Plant, Canyon Hydroelectric (New Braunfels Utilities), Lockhart Wastewater Reclamation System, and Lockhart Water Treatment Plant Divisions. In each case, GBRA prepares an annual budget that is approved by the customer. During the course of the fiscal year, monthly billings are sent to the customer based on that budget. At the end of each fiscal year, the amount of monthly billings is adjusted to the total actual cost of service.

B. The remaining GBRA divisions and systems sell "units of service" to a customer or customers. In each case, the customer(s) pays for the service based upon some unit 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 "not so positive".

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 in FY 2018.

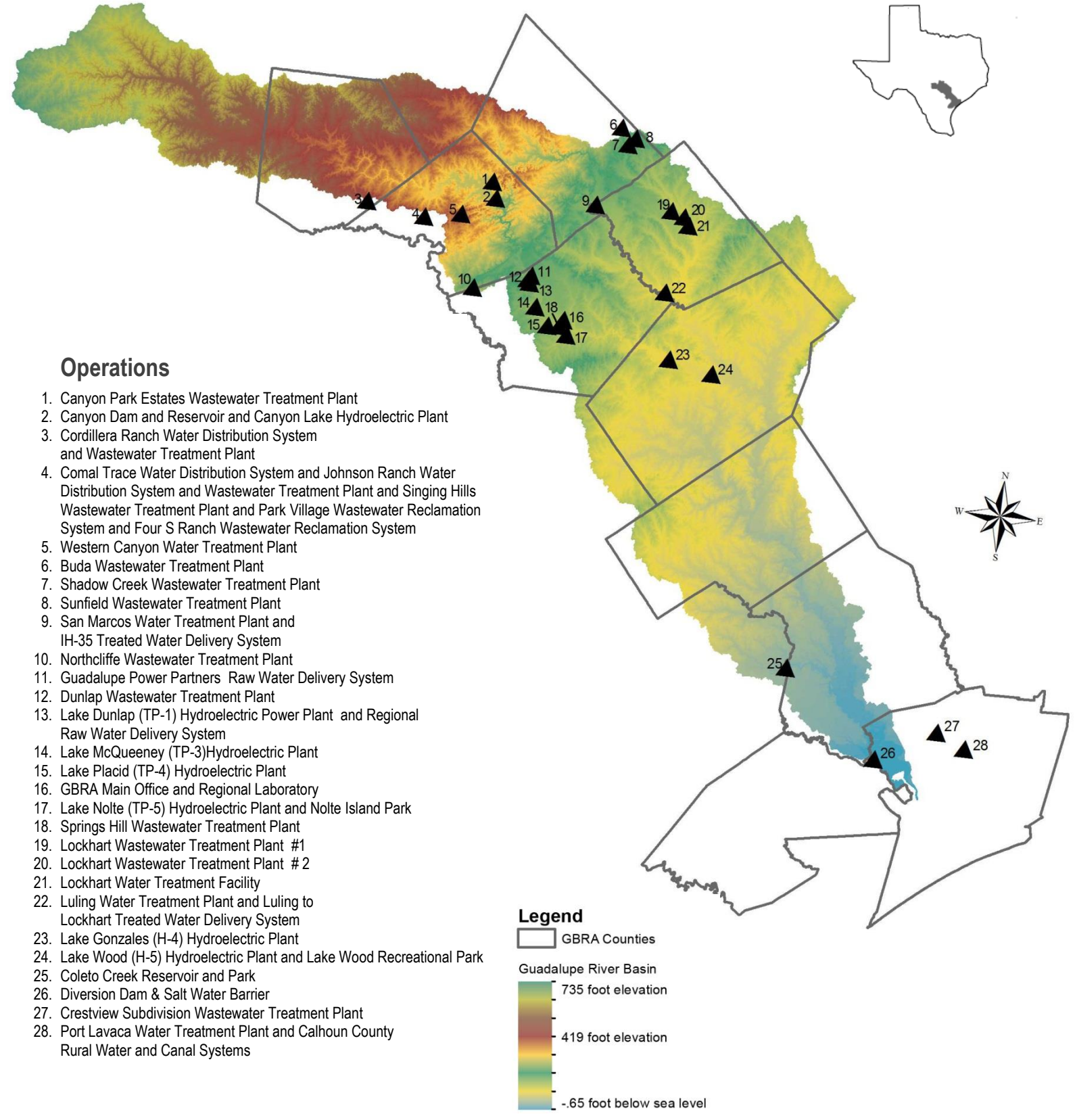
VIII. STATISTICAL & FINANCIAL DATA

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 56-63 in the Financial Summary section summarizes GBRA's existing and proposed rates. The rates listed for FY 2018 are being recommended to the GBRA Board of Directors for approval along with their approval of the larger budget. The rates that are recommended to be changed from FY 2017 to FY 2018 are lightly 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.

Map of River Basin



Operations

1. Canyon Park Estates Wastewater Treatment Plant
2. Canyon Dam and Reservoir and Canyon Lake Hydroelectric Plant
3. Cordillera Ranch Water Distribution System and Wastewater Treatment Plant
4. Comal Trace Water Distribution System and Johnson Ranch Water Distribution System and Wastewater Treatment Plant and Singing Hills Wastewater Treatment Plant and Park Village Wastewater Reclamation System and Four S Ranch Wastewater Reclamation System
5. Western Canyon Water Treatment Plant
6. Buda Wastewater Treatment Plant
7. Shadow Creek Wastewater Treatment Plant
8. Sunfield Wastewater Treatment Plant
9. San Marcos Water Treatment Plant and IH-35 Treated Water Delivery System
10. Northcliffe Wastewater Treatment Plant
11. Guadalupe Power Partners Raw Water Delivery System
12. Dunlap Wastewater Treatment Plant
13. Lake Dunlap (TP-1) Hydroelectric Power Plant and Regional Raw Water Delivery System
14. Lake McQueeney (TP-3)Hydroelectric Plant
15. Lake Placid (TP-4) Hydroelectric Plant
16. GBRA Main Office and Regional Laboratory
17. Lake Nolte (TP-5) Hydroelectric Plant and Nolte Island Park
18. Springs Hill Wastewater Treatment Plant
19. Lockhart Wastewater Treatment Plant #1
20. Lockhart Wastewater Treatment Plant # 2
21. Lockhart Water Treatment Facility
22. Luling Water Treatment Plant and Luling to Lockhart Treated Water Delivery System
23. Lake Gonzales (H-4) Hydroelectric Plant
24. Lake Wood (H-5) Hydroelectric Plant and Lake Wood Recreational Park
25. Coleto Creek Reservoir and Park
26. Diversion Dam & Salt Water Barrier
27. Crestview Subdivision Wastewater Treatment Plant
28. Port Lavaca Water Treatment Plant and Calhoun County Rural Water and Canal Systems

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)
- Coleto Creek
  - Capacity ..... 35,084 acre-feet
  - Surface Area ..... 3,100 acres
  - Elevation ..... 98.0 ft. (MSL)
- Dunlap
  - 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

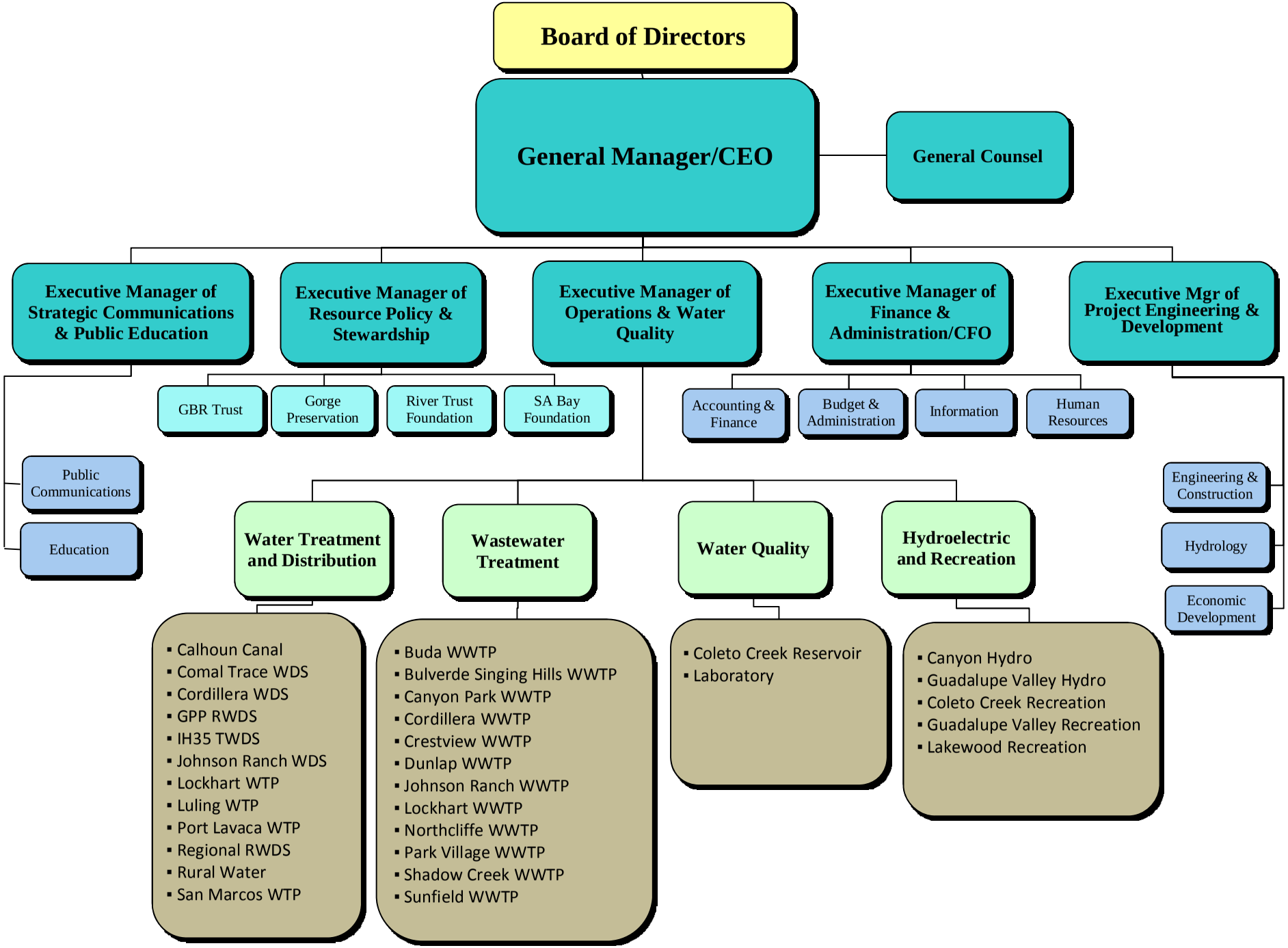
Guadalupe-Blanco River Authority

Created under ..... Vernon's Civil Statutes, Article 8280-106
Year Created 1935
Domicile ..... New Braunfels, Texas
Last Revision of Enabling Act 1975
Last Revision of Bylaws 2012
Population of District 624,049
Area of District ..... 7,300 square miles
Average Annual Rainfall of District ..... 33.02 In.
Web-site ..... www.gbra.org

Offices

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

GBRA Operational Chart



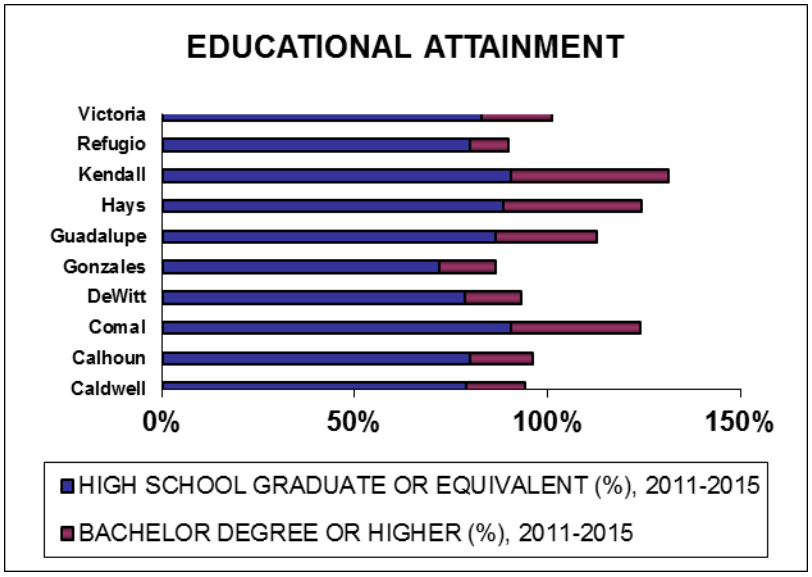
GBRA District Demographics

GBRA provides a variety of services to rural water corporations, electric cooperatives, industries and individuals within this ten-county district. GBRA's operations serve both retail and wholesale customers in an array of services including water sales and distribution, water treatment, wastewater treatment, hydroelectric generation, laboratory analysis and recreation opportunities.

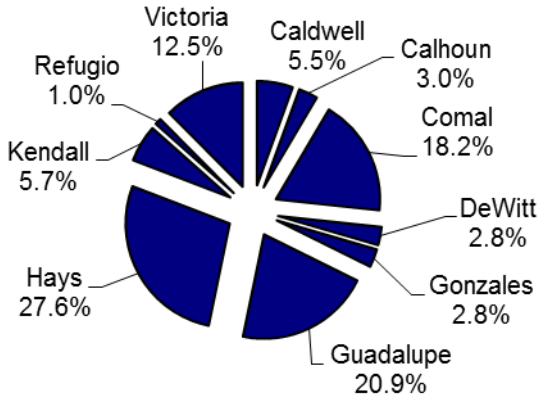
GBRA's service area is geographically part of south central Texas. It stretches from the Hill Country through the I-35 Corridor and on to the Gulf Coast. GBRA's service area includes ten-counties and more than seventy cities and communities. This geographic diversity in turn provides economic diversity with a unique combination of agriculture, oil and gas, defense, high tech and heavy industry.

This diversity allows the local economy to be among the State's growth leaders and outpace the national economy as well as weather the effects of any global economic problems better than other areas may. The local economy is also being spurred by tremendous population growth along the I-35 Corridor and for a period of time, the Eagle Ford Shale oil boom. Indicative of the population boom is the fact that the cities of Austin and San Antonio are both listed in the top ten of cities which have grown the most during the last ten years. The graphs below and on the following page portray the population and economic base within GBRA's ten-county district.

COUNTY	HIGH SCHOOL GRADUATE OR EQUIV.	BACHELOR DEGREE OR HIGHER
Caldwell	79%	15%
Calhoun	80%	16%
Comal	91%	33%
DeWitt	79%	15%
Gonzales	72%	14%
Guadalupe	87%	26%
Hays	89%	36%
Kendall	90%	41%
Refugio	80%	10%
Victoria	83%	18%



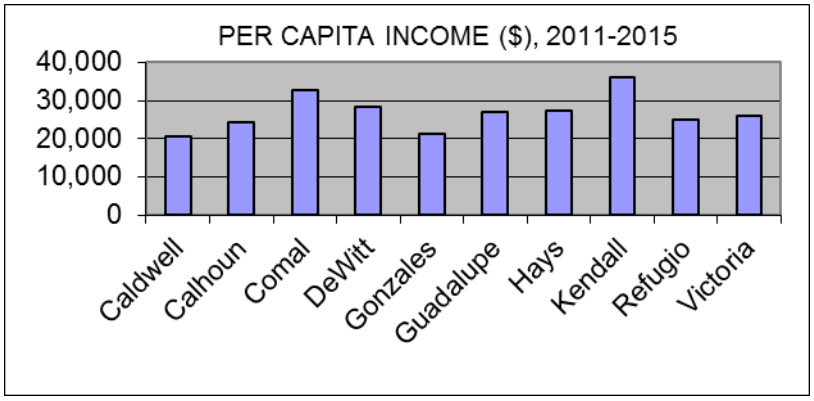
SOURCE: U.S. Census Bureau, 5yr Estimate



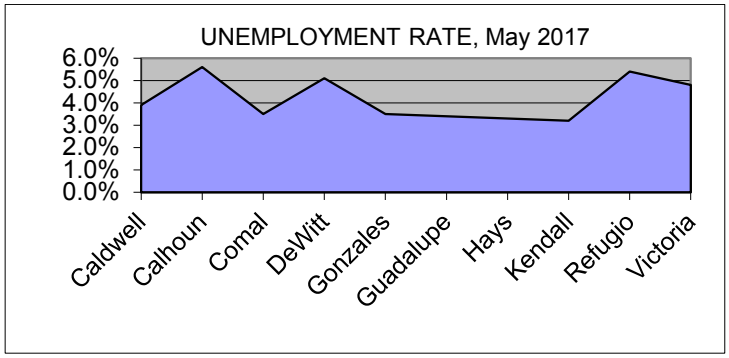
COUNTY	POPULATION
Hays	204,470
Guadalupe	155,265
Comal	134,788
Victoria	92,467
Kendall	42,540
Caldwell	41,161
Calhoun	21,965
Gonzales	20,876
DeWitt	20,865
Refugio	7,321

SOURCE: U.S. Census Bureau, July 2016

COUNTY	PER CAPITA INCOME
Kendall	36,126
Comal	32,838
DeWitt	28,418
Hays	27,398
Guadalupe	26,928
Victoria	25,987
Refugio	24,902
Calhoun	24,372
Gonzales	21,185
Caldwell	20,667



SOURCE: U.S. Census Bureau, 5-yr Estimate



SOURCE: US Dept. of Labor, Bureau of Labor Statistics

COUNTY	UNEMPLOYMENT RATE
Comal	3.5%
Caldwell	3.9%
Guadalupe	3.4%
Calhoun	5.6%
Victoria	4.8%
Hays	3.3%
Kendall	3.2%
Gonzales	3.5%
DeWitt	5.1%
Refugio	5.4%
Texas	4.4%
U.S.	4.4%

GBRA Community Involvement

The GBRA Volunteer Program was founded in September 2000 to help improve the quality of life in the communities we serve. In 2017 a new volunteer program was introduced:

The GBRA Better Basin Project

Employees spent the workday on either April 27 or April 28 outside serving the community with one of the following five projects designed to improve the quality of the watershed:

- North Side Park native vegetation planting in Luling with City Hall staff
- Comal River riparian planting with City of New Braunfels
- Dry Comal Creek cleanup City of New Braunfels
- Cuero City Park cleanup and milkweed planting with 4th grade students and Keep Cuero Beautiful

The following pictures are few pictures taken at the 2017 projects:













Another significant event that GBRA volunteers participate in is the Annual Relay for Life event benefiting the American Cancer Society. GBRA volunteers, the "River Wranglers", come together to form a team in Guadalupe County. This year's event was met with unpleasant conditions, but there were several die-hards that weathered the cold. In addition to these events, volunteers also participated in activities such as Toys for Tots, Blue Santa, Coats for Kids, food drives, serving meals in the community, school supplies for needy children, working at community functions, youth and church activities and many others.

Employees take great pride in giving back to their community. Each year employees seek new avenues to improve the quality of life for people throughout the GBRA district. Since the inception of the program in 2000, employees have contributed over 30,000 hours to the communities within GBRA's service area. The GBRA Scholarship program has also been formed through the volunteer program. Each spring GBRA receives applications from potential recipients. In 2017, the program awarded $6,000 in scholarships to three graduating seniors in our service area. Additionally, $3,000 in scholarships were awarded to the seniors of GBRA employees pursuing their education.

The following pictures are a few of the 2017 GBRA Scholarship recipients:



GBRA also makes an economic impact within its ten-county district by its employment base and by supporting local businesses. This table identifies the amount of money that GBRA has put back into the economy of the communities within the GBRA service area during the last year:

County	*Amount*	*County*	*Amount*
Caldwell	$1,201,248	**Guadalupe**	$8,460,707
Calhoun	1,368,764	**Hays**	1,717,102
Comal	1,169,547	**Kendall**	48,818
DeWitt	10,516	**Refugio**	205
Gonzales	181,881	**Victoria**	1,148,198
Total			$15,306,986

Dedication to Customers

GBRA's ability to meet the social and economic demands of customers and constituents throughout GBRA's ten-county service area and the surrounding communities wouldn't be possible without the dedication and talent of its employees. GBRA employees perform a multitude of tasks as part of their daily routine. In an effort to accomplish these tasks, employees receive continual training throughout the year. Training varies throughout the organization and includes seminars, certifications, technical, computer, supervisory, personal development, safety, cross training, succession planning and other educational opportunities. Employees in the operating plants are either certified water or wastewater operators and in fact, several employees hold dual licenses. This dual certification allows flexibility and reliable coverage among operating systems. Employees hold many other certifications in systems throughout the organization. In addition to external training and certifications, employees receive valuable on-the-job training. GBRA actively participates in safety and preventative maintenance programs to ensure the health of the employees and their surrounding work environments. The level of experience and commitment of employees provides high-quality services for our customers.

Employee training, tenure, and dedication contribute to GBRA's ability to meet and exceed permit requirements from regulatory agencies. GBRA and its employees strive to provide superior quality water and wastewater to provide top-notch service to our customers. An example of this service was recognized in Calhoun County as GBRA's Port Lavaca Water Treatment Plant was awarded the Port Lavaca Chamber of Commerce and Agriculture 2016 Small Business Level 1 of the Year in recognition of outstanding and invaluable service to the community.



Pictured above are GBRA employees Anna Daniels, Ronnie Parencia, Stephanie Shelly, Billy Penney, Curtis Gosnell, Sheryll Kisiah, and Linda McPherson.

Picture to the right is water being treated at the Port Lavaca Water Treatment Plant.



List of Principal Customers

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

City of Buda
City of Bulverde
City of Lockhart
City of Schertz
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

WASTEWATER TREATMENT CUSTOMERS

WATER SALES CUSTOMERS

WATER TREATMENT 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
Guadalupe Power Partners
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

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 2013	FY 2014	FY 2015	FY 2017	FY 2018
Water Treatment Customers:					
Total Retail Water Distributed (Gal.)					
Calhoun County Rural Water Division	81,818,000	75,749,000	72,753,000	60,848,000	77,639,000
Cordillera WDS	87,083,400	94,756,000	94,204,000	119,905,000	119,905,000
Total Water Treated (Gal.)					
Lockhart Water Treatment Plant	548,963,000	537,896,000	522,285,000	579,822,000	579,822,000
Luling Water Treatment Plant	684,728,000	630,906,000	638,074,000	673,113,000	678,250,000
Port Lavaca Water Treatment Plant	666,194,000	617,275,000	715,451,000	692,290,000	692,290,000
San Marcos Water Treatment Plant	3,449,001,000	3,643,600,000	3,619,286,000	3,676,760,000	3,676,760,000
Western Canyon Water Treatment Plant	3,663,286,000	3,587,600,000	3,302,315,000	3,650,000,000	3,650,000,000
Wastewater Treatment Customers:					
Total Wastewater Treated (Gal.)					
Buda Wastewater Treatment Plant	363,970,000	479,600,000	426,560,000	474,500,000	509,000,000
Crestview Subdivision WWTP	2,085,000	1,719,866	3,306,682	2,204,000	2,204,000
Lockhart Wastewater Reclamation System	395,550,000	413,360,000	483,600,000	474,570,000	444,160,000
Rural Utilities Division	186,300,000	199,500,000	239,900,000	230,000,000	230,000,000
Shadow Creek WWTP	46,700,000	54,790,000	56,050,000	70,080,000	76,200,000
Sunfield Wastewater Treatment Plant	23,210,000	43,610,000	41,670,000	54,020,000	63,880,000
Water Sales Customers:					
Rice Irrigation First Crop (Acres)					
Calhoun Canal System	2,306	1,532	--	1,000	0
Water Delivered (Gal.)					
Guadalupe Power Partners RWDS	680,145,000	816,222,100	1,224,248,900	1,276,500,000	1,124,510,000
IH 35 TWDS	1,238,920,000	1,374,663,000	1,352,933,000	1,377,260,000	1,402,924,000
Regional RWDS	4,281,180,000	4,295,695,000	4,525,209,000	4,475,880,000	4,211,811,000
Lu-Lo TWDS				673,113,000	675,925,000
Power Sales:					
Total Generation (kWh)					
Guadalupe Valley Hydroelectric Division	23,444,900	18,469,500	37,271,300	62,225,000	62,225,000
Canyon Hydroelectric Division	--	1,599	4,256,771	25,210,000	25,210,000

Operating Statistics

Operating Statistics (cont.)	Actual			Budget	
	FY 2012	FY 2013	FY 2014	FY 2017	FY 2018
Other Services:					
Annual Permits					
Coleto Creek Regional Park	309	320	273	350	350
Lake Wood Recreational Park	27	30	10	20	0
Camping Permits					
Coleto Creek Regional Park	14,368	14,983	13,136	18,000	18,500
Lake Wood Recreational Park	4,914	5,403	4,031	4,500	4,500
Cabin Permits					
Coleto Creek Regional Park	985	1,072	923	1,200	1,200
Day Use Permits					
Coleto Creek Regional Park	17,503	18,377	17,455	20,500	21,000
Lake Wood Recreational Park	2,851	3,080	3,746	2,500	2,500
Source: GBRA Comprehensive Annual Financial Report					

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 accounting 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 in July with a draft budget for review. 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 approval. Following actual Board approval, the information is transferred to the Finance and Administration department for input to the budget document. The change will be subsequently reflected in the budget to actual comparison reports that are printed 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).

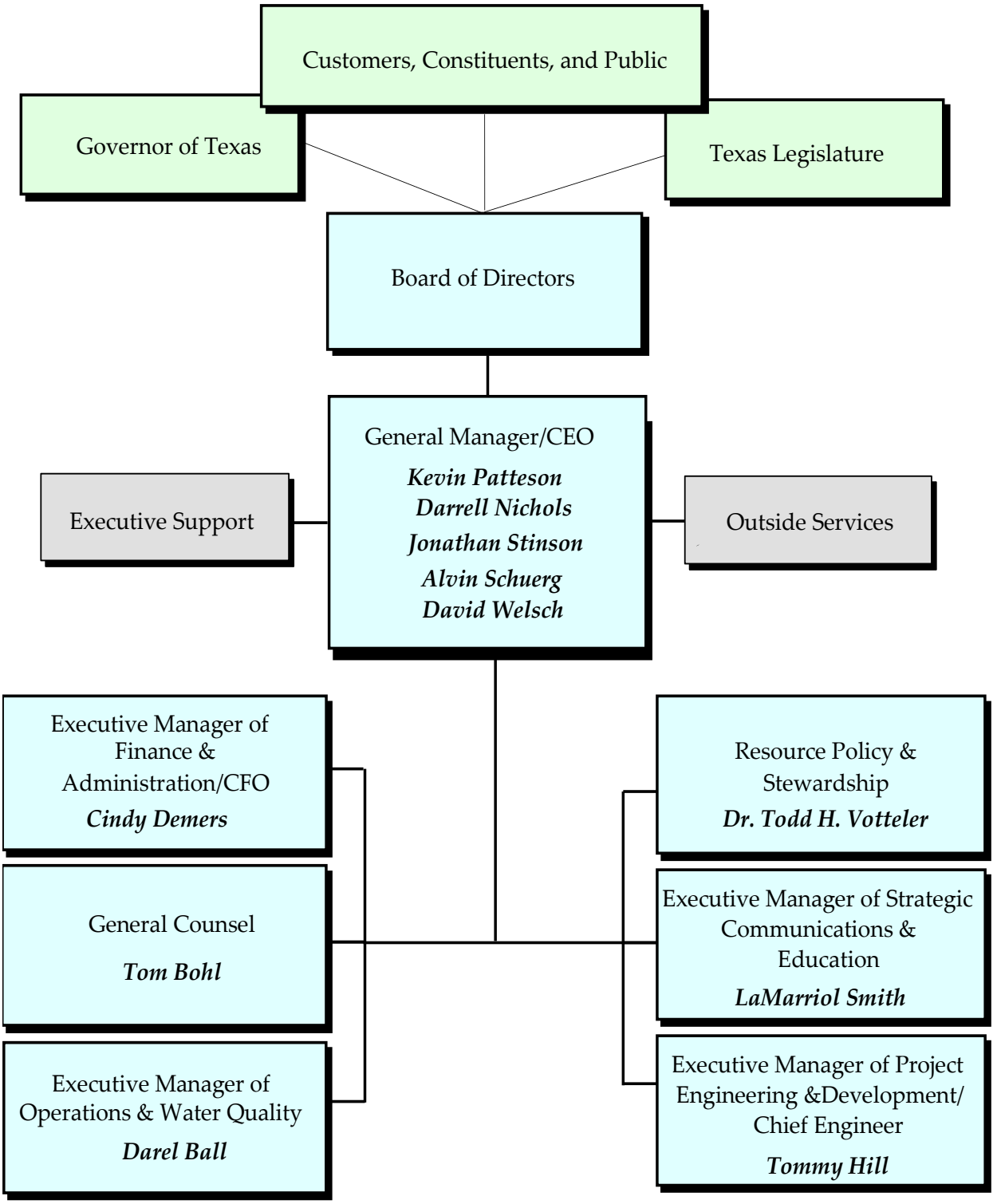
Budget Basis

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

Date	*Task*
March 11	Meeting to review General and Water Supply projects and other major work
March 11	Update budget forms will be available on computer network
April 1	Memos due for all divisions requesting tech. assist./inter-divisional transfers
April 1	Staffing and wage classifications due (without wages) for all departments and divisions
April 8	Breakdown of hours due for all departments and divisions
April 8	Schedule of Special Accounts due for General and Water Supply
April 15	Schedules, narratives, objectives, rates & 5 Year Capital Improvement Plan due for the following systems: General, Sunfield WWTP, Water Supply, Regional Lab, Buda WWTP, Coleto Creek Reservoir, Canyon Hydroelectric, Luling WTP, Lockhart WTP Lockhart WWTP
May 6	Schedules, narratives, objectives, rates & 5 Year Capital Improvement Plan due for the following systems: Shadow Creek WWTP, Northcliffe WWTP, San Marcos WTP, Port Lavaca WTP, Rural Water Distribution System
May 20	Schedules, narratives, objectives, rates & 5 Year Capital Improvement Plan due for the following systems: G.V. Hydroelectric, remaining Rural Utilities systems, Calhoun Canal, Western Canyon Retail, Cordillera WDS, Cordillera WWTP, Comal Trace WDS, Johnson Ranch WDS, Johnson Ranch WWTP, Coleto Creek Recreation
Early June	Meet with Executive Committee to discuss wages
Early June	Meet with Dow Chemical/Union Carbide to discuss pump station
Mid June	Meet with customers to discuss contractual budgets (including GVEC)
NLT June 15	Mail *Sunfield WWTP* budget to Sunfield MUD
NLT June 15	Mail *Port Lavaca* budget to the City of Port Lavaca
NLT June 15	Mail *Coleto Creek Reservoir* budget to Coleto Power Group, LP
NLT July 1	Mail *Shadow Creek WWTP* budget to North Hays County MUD
NLT July 1	Mail *Buda WWTP* budget to City of Buda
NLT July 1	Mail *Canyon Hydro* budget to New Braunfels Utilities
NLT July 1	Mail *Lockhart WWTP & WTP* budgets to the City of Lockhart
Early July	Technical committee meets to discuss Coleto Creek Reservoir budget
Mid July	Meet with NBU to discuss budget
Mid July	Meet with City Staffs of Luling, Lockhart, Port Lavaca, Schertz, and Buda
NLT July 15	Mail proposed budgets to GBRA Board members
July 15	Schedule of proposed salary increases due
NLT July 15	Mail *G.V. Hydroelectric* budget to GVEC (not a contract requirement)
NLT July 15	Mail *Northcliffe WWTP* budget to City of Schertz
NLT July 15	Mail *Springs Hill WWTP* budget to City of Seguin
NLT July 15	Mail *Singing Hills WWTP* budget to City of Bulverde
NLT July 15	Mail *Calhoun County RW* budget to Rural Water Board
NLT July 15	Mail *Luling WTP* budget to the City of Luling
July 19	Review proposed budgets with GBRA Board
Late July	Meet with City of Port Lavaca to discuss budget
Late July	Meet with Pt. O'Connor MUD Board to discuss budget
Late July	Meet with Rural Water Board to discuss budget
Late July	Meet with Luling City Council
Late July	Meet with Lockhart City Council
August 1	Mail *Cordillera* budgets to Cordillera Ranch, LTD
August 1	Mail *Johnson Ranch* budgets to DH Investment
August 1	Mail *Park Village WWTP and 4S Ranch WWTP* to Comal County WCID #6
August 16	Board scheduled to approve 2018 budgets

GBRA Organizational Chart



GBRA Board of Directors



Rusty Brockman, Chair
Comal County
Appointed 2011, Gov. Rick Perry



Dennis L. Patillo, Vice-Chair
Victoria County
Reappointed: 2016, Gov. Greg Abbott



Don B. Meador, Secretary/Treasurer
Hays County
Appointed: 2013, Gov. Rick Perry



Ronald J. Hermes, Director
Guadalupe County
Appointed: 2016, Gov. Greg Abbott

Vacant
Gov. Greg Abbott to appoint



Oscar H. Fogle, Director
Caldwell County
Reappointed 2011, Gov. Rick Perry



Kenneth Motl, Director
Calhoun County
Appointed: 2013, Gov. Rick Perry



William R. Carbonara, Director
DeWitt County
Appointed: 2013, Gov. Rick Perry



Tommy Mathews, 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

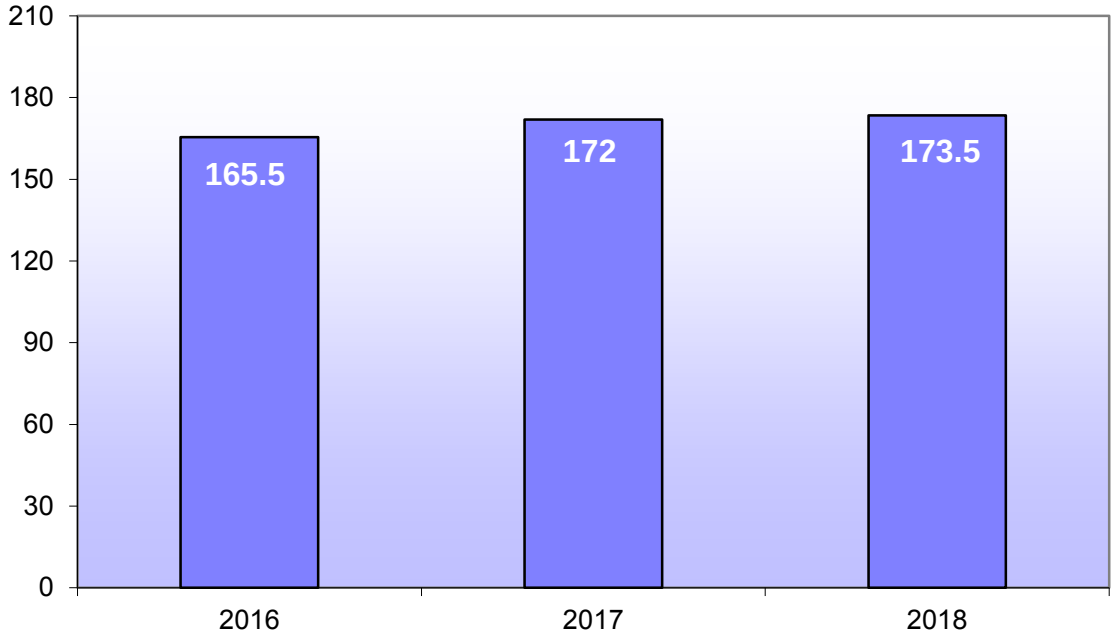
NAME	POSITION	TERM EXPIRES	COUNTY REPRESENTING
Rusty Brockman	Chair	2/1/17	Comal
Dennis L. Patillo	Vice-Chair	2/1/21	Victoria
Don B. Meador	Sec/Treas	2/1/19	Hays
Oscar H. Fogle	Director	2/1/17	Caldwell
Kenneth A. Motl	Director	2/1/17	Calhoun
William R. Carbonara	Director	2/1/19	Dewitt
Ronald J. "Ron" Hermes	Director	2/1/21	Guadalupe
Tommy Mathews	Director	2/1/21	Kendall
Vacant	Director	2/1/19	

Executive Team

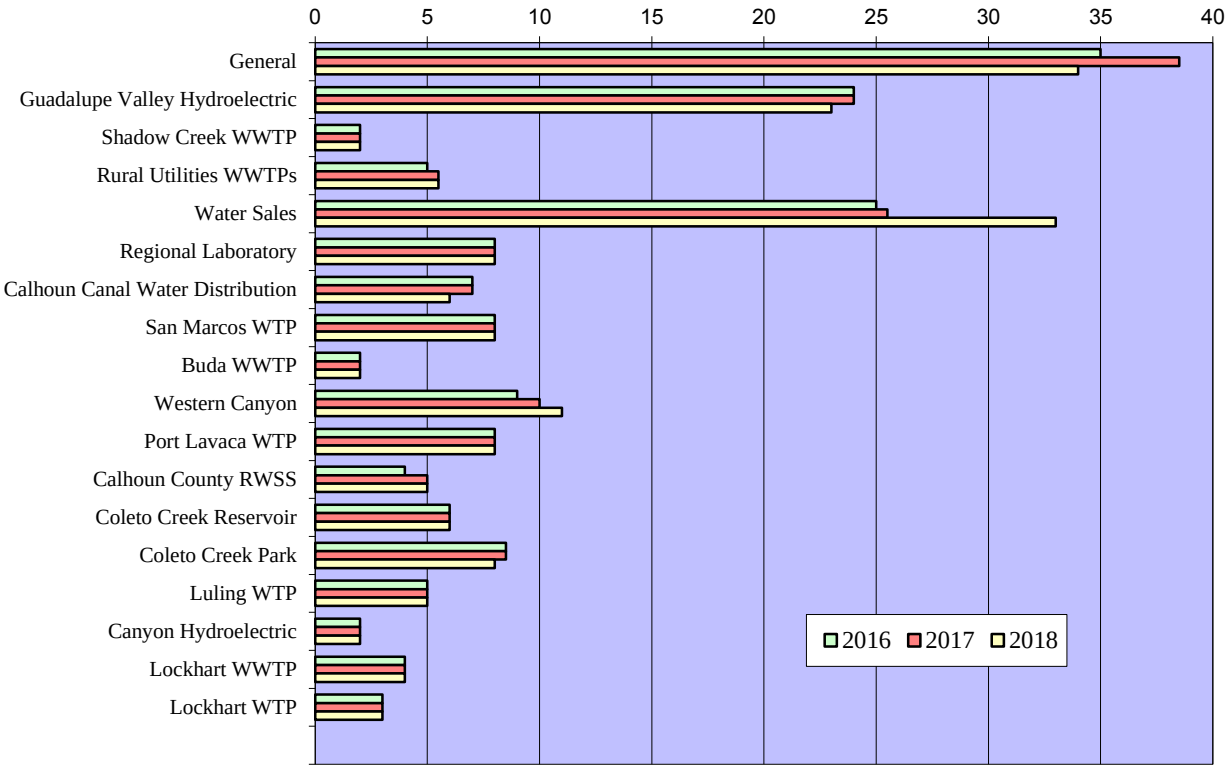
NAME	POSITION
Kevin Patteson	General Manager/CEO
Darrell Nichols	Senior Deputy General Manager
Jonathan Stinson	Deputy General Manager
Alvin Schuerg	Senior Advisor to the General Manager
David M. Welsch	Advisor to the General Manager
Tom Bohl	General Counsel
Cindy Demers	Executive Manager of Finance & Administration/CFO
Darel Ball	Executive Manager of Operations & Water Quality
Thomas Hill	Executive Manager of Project Engineering & Development/Chief Engineer
Dr. Todd H. Votteler	Executive Manager of Resource Policy & Stewardship
LaMarriol Smith	Executive Manager of Strategic Communications & Education

Staffing Summary

Total Authorized Positions by Year



Authorized Positions by Division



Staffing Summary

Division	# of Authorized Positions (FTE)			Increase/ (Decrease)
	2016	2017	2018	
General	35	38.5	34	-4.5
Guadalupe Valley Hydroelectric	24	24	23	-1
Shadow Creek WWTP	2	2	2	0
Rural Utilities WWTPs	5	5.5	5.5	0
Water Sales	25	25.5	33	7.5
Regional Laboratory	8	8	8	0
Calhoun Canal Water Distribution	7	7	6	-1
San Marcos WTP	8	8	8	0
Buda WWTP	2	2	2	0
Western Canyon	9	10	11	1
Port Lavaca WTP	8	8	8	0
Calhoun County RWSS	4	5	5	0
Coleto Creek Reservoir	6	6	6	0
Coleto Creek Park	8.5	8.5	8	-0.5
Luling WTP	5	5	5	0
Canyon Hydroelectric	2	2	2	0
Lockhart WWTP	4	4	4	0
Lockhart WTP	3	3	3	0
Total	**165.5**	**172**	**173.5**	**1.5**

Changes from FY 2016 to FY 2017

1-Senior Deputy General Manager position was added to General Division.
1-Deputy General Manager position was added to General Division.
1-Internal Audit Manager position was added to General Division.
½-Accounting Clerk changed from P/T to F/T for the General Division.
½-Biosolids Operator position was added to the Rural Utilities Division.
1-Risk Management Officer position was added to Water Sales.
1-Conservation Director position was added to Water Sales.
½-P/T Water Quality Specialist was removed from Water Sales.
1-Chief Operator position was added in Western Canyon.
1-Operator position was added in Western Canyon.
1-Distribution/Plant Operator was removed from Western Canyon.
1-Maintenance Operator position was added to Rural Water.

Changes from FY 2017 to FY 2018

1-Senior Advisor to the General Manager was added in General.
1-Assistant General Counsel was added in General.
½-Administrative Technical Specialst changed from P/T to F/T in General.
1-Engineer position was added in Water Sales.
2-Removed Upper and Lower Basin Operation Managers in Water Sales.
½-Seasonal Ranger was removed in Water Sales.
1-Maintenance Technician position was added for the Western Canyon WTP.
½-Seasonal Ranger was removed in Coleto Creek Recreation.
The remaining differences are moving positions between systems.

Authorized Spending Levels

Budgeted Purchases

Over $25,000	
General Manager/CEO	Executive Manager of Finance & Administration/CFO
Senior Deputy General Manager	Executive Manager of Operations & Water Quality
Deputy General Manager	Executive Manager of Project Engineering & Development/Chief Engineer
Senior Advisor to the General Manager	Executive Manager of Resource Policy & Stewardship
Advisor to the General Manager	Executive Manager of Strategic Communications & Education
General Counsel	

Up to $25,000	
Assistant General Counsel	Deputy Executive Manager of Operations & Water Quality
Deputy CFO-Accounting & Purchasing	Human Resources Director
Deputy CFO-Finance & Administration	Manager of Project Engineering

Up to $10,000	
Accounting Manager	Exec. Director of Guadalupe-Blanco River Trust
Division Manager – Calhoun/Refugio Operations	Exec. Director of SA Bay Foundation
Division Manager – Hays/Caldwell Operations	Human Resources Manager
Division Manager – Hydroelectric/Rural Utilities	Plant Managers
Division Manager – Western Canyon Operations	Regional Laboratory Director
Deputy Division Manager – Hydroelectric & Rural Utilities	Technical Consultant II
Engineer II	

Up to $5,000	
Chief Operators	Maintenance Supervisor II
Chief Ranger	Project & Community Representative
Chief Water Tender	Regional Representative
Engineer I	SCADA Administrator
Executive Assistant to the General Counsel	Technical Consultant I
Executive Assistant to the General Manager	Water Quality Project Manager
Grant Writer/Administrator	Web/Application Developer
IT Manager	

(*) = 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 a memo and provided to Accounting.

Authorized Spending Levels

Budgeted Purchases

Over $25,000	
General Manager/CEO	Executive Manager of Finance & Administration/CFO
Senior Deputy General Manager	Executive Manager of Operations & Water Quality
Deputy General Manager	Executive Manager of Project Engineering & Development/Chief Engineer
Senior Advisor to the General Manager	Executive Manager of Resource Policy & Stewardship
Advisor to the General Manager	Executive Manager of Strategic Communications & Education
General Counsel	

Up to $25,000	
Assistant General Counsel	Deputy Executive Manager of Operations & Water Quality
Deputy CFO-Accounting & Purchasing	Human Resources Director
Deputy CFO-Finance & Administration	Manager of Project Engineering

Up to $10,000	
Accounting Manager	Exec. Director of Guadalupe-Blanco River Trust
Division Manager – Calhoun/Refugio Operations	Exec. Director of SA Bay Foundation
Division Manager – Hays/Caldwell Operations	Human Resources Manager
Division Manager – Hydroelectric/Rural Utilities	Plant Managers
Division Manager – Western Canyon Operations	Regional Laboratory Director
Deputy Division Manager – Hydroelectric & Rural Utilities	Technical Consultant II
Engineer II	

Up to $5,000	
Chief Operators	Maintenance Supervisor II
Chief Ranger	Project & Community Representative
Chief Water Tender	Regional Representative
Engineer I	SCADA Administrator
Executive Assistant to the General Counsel	Technical Consultant I
Executive Assistant to the General Manager	Water Quality Project Manager
Grant Writer/Administrator	Web/Application Developer
IT Manager	

(*) = 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 a memo and provided to Accounting.

Authorized Spending Levels

Non-Budgeted Purchases

Over $5,000	
General Manager/CEO	Executive Manager of Finance & Administration/CFO
Senior Deputy General Manager	Executive Manager of Operations & Water Quality
Deputy General Manager	Executive Manager of Project Engineering & Development/Chief Engineer
Senior Advisor to the General Manager	Executive Manager of Resource Policy & Stewardship
Advisor to the General Manager	Executive Manager of Strategic Communications & Education

Up to $5,000	
Assistant General Counsel	Deputy Executive Manager of Operations & Water Quality
Deputy CFO-Accounting & Purchasing	Human Resources Director
Deputy CFO-Finance & Administration	Manager of Project Engineering

Up to $1,000	
Accounting Manager	Exec. Director of Guadalupe-Blanco River Trust
Division Manager – Calhoun/Refugio Operations	Exec. Director of SA Bay Foundation
Division Manager – Hays/Caldwell Operations	Human Resources Manager
Division Manager – Hydroelectric/Rural Utilities	Plant Managers
Division Manager – Western Canyon Operations	Regional Laboratory Director
Deputy Division Manager – Hydroelectric & Rural Utilities	Technical Consultant II
Engineer II	

Up to $500	
Chief Operators	Maintenance Supervisor II
Chief Ranger	Project & Community Representative
Chief Water Tender	Regional Representative
Engineer I	SCADA Administrator
Executive Assistant to the General Counsel	Technical Consultant I
Executive Assistant to the General Manager	Water Quality Project Manager
Grant Writer/Administrator	Web/Application Developer
IT Manager	

(*) = 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 a memo and provided to Accounting.

Staffing and Compensation Tables

POSITION	PAY GRADE
EXECUTIVE AND ADMINISTRATIVE STAFF	
General Manager/CEO	Executive
Senior Deputy General Manager	Executive
Deputy General Manager	Executive
Senior Advisor to the General Manager	Executive
Advisor to the General Manager	Executive
General Counsel	Executive
Executive Manager of Finance & Administration/CFO	Executive
Executive Manager of Strategic Communications & Education	Executive
Assistant General Counsel	14
Deputy CFO-Accounting & Purchasing	13
Deputy CFO-Finance & Administration	13
Human Resources Director	13
Accounting Manager	10
Human Resources Manager	10
Executive Assistant to the General Counsel	8
Executive Assistant to the General Manager	8
Grant Writer/Administrator	8
IT Manager	8
SCADA Administrator	8
Web/Application Developer	8
Environmental Education Administrator	7
Projects & Publications Specialist II	7
Accounting Assistant III	6
Projects & Publications Specialist I	6
Social Media/Community Relations Specialist	6
Accounting Assistant II	5
Records Manager	5
Accounting Assistant I	4
Accounting Clerk	4
Communications/Education Assistant	4
Customer Service Assistant II	4
Customer Service Assistant I	3
Admin Technical Specialist	3
Records Clerk	3

POSITION	PAY GRADE
PROJECT ENGINEERING & DEVELOPMENT	
Executive Manager of Project Engineering & Development/Chief Engineer	Executive
Manager of Project Engineering	13
Technical Consultant II	11
Engineer II	10
Engineer I	9
Project & Community Representative	9
Regional Representative	8
Hydrologist/Technician (P/T)	7
Project Coordinator	7
Operations Assistant	6
Construction Inspector	5
RESOURCE POLICY & STEWARDSHIP	
Executive Manager of Resource Policy & Stewardship	Executive
Executive Director of Guadalupe-Blanco River Trust	11
Executive Director of SA Bay Foundation	11
Natural Resource Specialist	5
Office Assistant (P/T)	1
OPERATIONS & WATER QUALITY	
Executive Manager of Operations & Water Quality	Executive
Deputy Executive Manager of Operations & Water Quality	13
Division Manager – Calhoun/Refugio Operations	11
Division Manager – Hays/Caldwell Operations	11
Division Manager – Hydroelectric & Rural Utilities	11
Division Manager – Western Canyon Operations	11
Deputy Division Manager – Hydroelectric & Rural Utilities	10
Plant Manager	10
Regional Laboratory Director	10
Chief Ranger	9
Chief Operator	8
Chief Water Tender	8
Maintenance Supervisor II	8
Technical Consultant I	8
Water Quality Project Manager	8
Assistant Chief Ranger	7
Electrical/Instrumentation Technician	7
Purchasing & Inventory Coordinator	7

POSITION	PAY GRADE
OPERATIONS & WATER QUALITY (Continued)	
Quality Assurance Officer I	7
Water Quality & Permit Project Coordinator	7
Customer Project Manager	6
Facilities Technician	6
Maintenance Technician	6
Office Manager	6
Operations Assistant	6
Secretary	6
Control Room Operator	5
Distribution/Plant Operator IV	5
Heavy Equipment Operator	5
Laboratory Technician III	5
Operator IV	5
Customer Service Assistant II	4
Laboratory Technician II	4
Maintenance Chief	4
Maintenance Crew II	4
Maintenance Technician	4
Operator III	4
Plant Attendant	4
Reservoir Ranger I	4
Utility Accounts Assistant	4
Water Quality Technician I	4
Water Tender	4
Administrative Assistant	3
Distribution/Plant Operator II	3
Maintenance Crew	3
Maintenance Operator II	3
Operator II	3
Park Ranger	3
Reservoir Ranger II	3
Sample Custodian/Lab Tech I	3
Maintenance Operator I	2
Operator I	2
Biosolids Operator (P/T)	1

* - New or revised position: job description is being reviewed for determination of appropriate pay grade.

Wage Compensation Structure

Pay Grade	Minimum Hourly/Annual	Maximum Hourly/Annual
1	$13.98	$22.37
2	$15.24	$24.39
3	$16.62	$26.59
4	$18.11	$28.98
5	$19.74	$31.57
6	$21.52	$34.44
7	$23.46	$37.54
8	$53,175	$85,079
9	$57,962	$92,736
10	$63,177	$101,085
11	$68,863	$110,179
12	$75,749	$121,199
13	$83,325	$133,318
14	$91,658	$146,651
15	$100,823	$161,315
Executive	Set by Board or General Manager	



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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 1935 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 eleven enterprise funds (the General Division and ten operating divisions). Enterprise funds are used to account for operations that are financed and operated in a manner similar to a private business. Since GBRA's operations are managed to be self-supporting through customer charges, the utilization of enterprise funds is appropriate. This type of fund also provides information related to revenues earned, costs incurred, and services provided, all of which form the basis for customer rates and fees. Also included within the enterprise funds for each of GBRA's operating divisions is an Administrative and General (A&G) charge. This A&G represents the recognition and recovery of administrative costs incurred by the General Division on behalf of GBRA's operating divisions. All of these enterprise funds are described in more detail in the following sections of this consolidated Work Plan and Budget.

Revenue Summary

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 2018.

Financial Summary

Division	Guadalupe-Blanco River Authority (in thousands)				
			Funds		Change in
	Revenue	Expenses	Sources	Uses	Fund Balance
General	3,690,378	3,500,709	150,000	275,564	64,105
G. V. Hydro	3,885,835	3,702,081	0	183,754	0
RUD-Shadow Creek	558,132	499,678	0	0	58,454
RUD-Canyon Pk	389,168	358,075	0	7,797	23,296
RUD-Dunlap	1,251,700	962,914	0	272,081	16,705
RUD-Northcliffe	326,098	326,098	0	0	0
RUD-Sunfield	407,112	407,112	0	0	0
RUD	2,932,210	2,553,877	0	279,878	98,455
WR-Water Sales	25,864,441	19,864,566	0	5,988,821	11,054
WR-Lab	1,273,968	1,273,968	0	0	0
WR-Canal	1,337,255	1,295,264	0	0	41,991
WR-San Marcos	2,057,900	2,130,830	87,533	0	14,603
WR-Buda	707,643	707,643	0	0	0
Water Resources	31,241,207	25,272,271	87,533	5,988,821	67,648
WC-WTP	4,238,120	4,005,153	0	104,556	128,411
WC-Cordillera WTP	805,579	678,258	0	0	127,321
WC-Cordillera WWTP	356,795	351,430	0	0	5,365
WC-Comal Trace	272,664	250,047	0	0	22,617
WC-Johnson Ranch W	384,932	384,932	0	0	0
WC-Johnson Ranch WW	293,844	293,844	0	0	0
WC-Singing Hills WW	182,476	182,476	0	0	0
WC-Park Village WW	52,000	181,457	129,457	0	0
WC-4S Ranch WW	0	139,971	139,971	0	0
Western Canyon	6,586,410	6,467,568	269,428	104,556	283,714
Port Lavaca	1,732,500	1,680,460	0	52,040	0
Rural Water	1,472,092	1,483,232	11,800	0	660
CC-Reservoir	950,916	950,916	0	0	0
CC-Recreation	867,266	866,869	0	0	397
Coleto Creek	1,818,182	1,817,785	0	0	397
Luling	1,542,502	1,225,698	0	268,750	48,054
Canyon Hydro	518,675	518,675	0	0	0
Lockhart-WWTP	999,541	999,541	0	0	0
Lockhart-WTP	669,149	669,149	0	0	0
Lockhart	1,668,690	1,668,690	0	0	0
	57,088,681	49,891,046	518,761	7,153,363	563,033

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

Capital Improvement Program

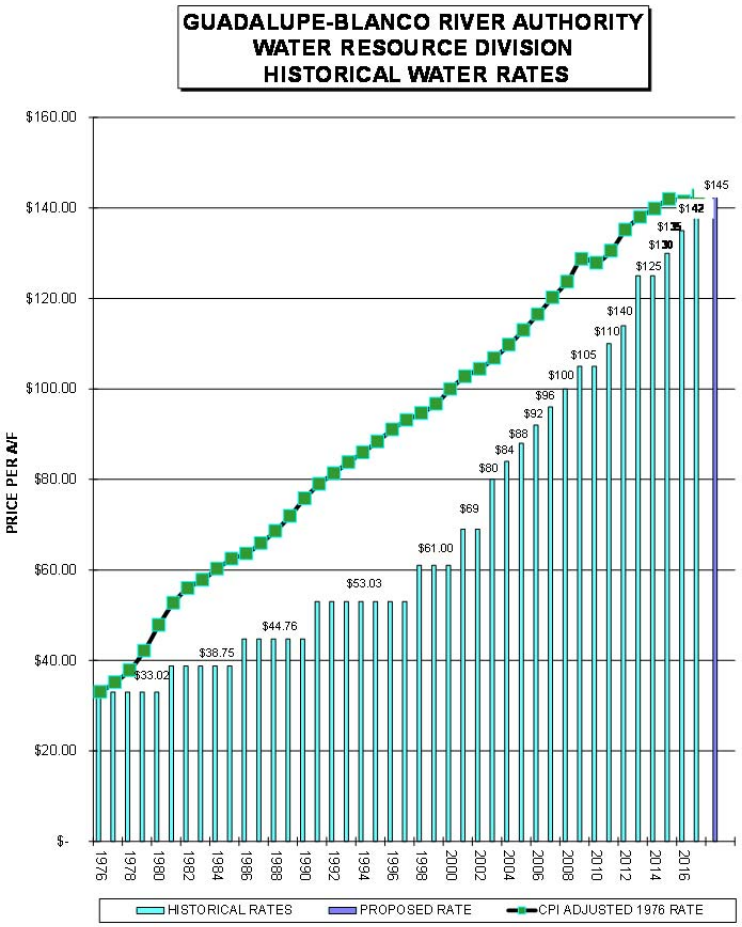
Funding Source	Project Description	Previous Expenditures	FY 2018	FY 2019	FY 2020	FY 2021 and beyond	Total
GV Hydro Division							
FY 2017	Dam Gate Rehabilitation	$ 400,000	$ 1,000,000	$ 2,368,000	$ -	$ -	$ 3,768,000
TBD	Dam Gate Replacement Program				1,000,000	79,000,000	80,000,000
Total GV Hydro Division		400,000	1,000,000	2,368,000	1,000,000	79,000,000	83,768,000
Water Sales Division							
FY 2018	Lower Basin Storage Project		452,500				452,500
FY 2018	FM 110 Relocation-South		7,000				7,000
FY 2018	FM 110 Relocation-North		8,000				8,000
FY 2018	Siphon/Radial Gate Improvements		350,000				350,000
Bond Issue(s)	Gonzales Groundwater Project		30,000,000	130,000,000			160,000,000
Total Water Sales Division		-	30,817,500	130,000,000	-	-	160,817,500
Rural Utilities Division							
Existing Sources	Canyon Park Plant Expansion		301,000	1,300,000			1,601,000
Total Rural Utilities Division		-	301,000	1,300,000	-	-	1,601,000
Western Canyon Water Plant							
Existing Sources	Filter Module Replacement Program	747,000	360,000				1,107,000
Existing Sources	SH 46 Pipeline Relocation - Engineering		305,000				305,000
Bond Issue	Disinfection Byproducts Removal (TTHM) Phase I		3,500,000				3,500,000
Bond Issue	Disinfection Byproducts Removal (TTHM) Phase II		8,000,000				8,000,000
Total Wester Canyon Water Plant		747,000	12,165,000	-	-	-	12,912,000
Port Lavaca Water Plant							
Bond Issue	Port Lavaca Water Plant Improvements		5,200,000				
Total Port Lavaca Water Plant		$ -	$ 5,200,000	$ -	$ -	$ -	$ -
Grand Total - All Divisions		$ 1,147,000	$ 49,483,500	$133,668,000	$ 1,000,000	$79,000,000	$ 259,098,500

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. In March 2003, GBRA received the final authorization from the State of Texas to increase the firm yield of Canyon Reservoir 50,000 A/F to 90,000 A/F. The present level of commitments from the reservoir approximates 90,000 acre-feet per year and as such, the yield of the reservoir is fully committed.

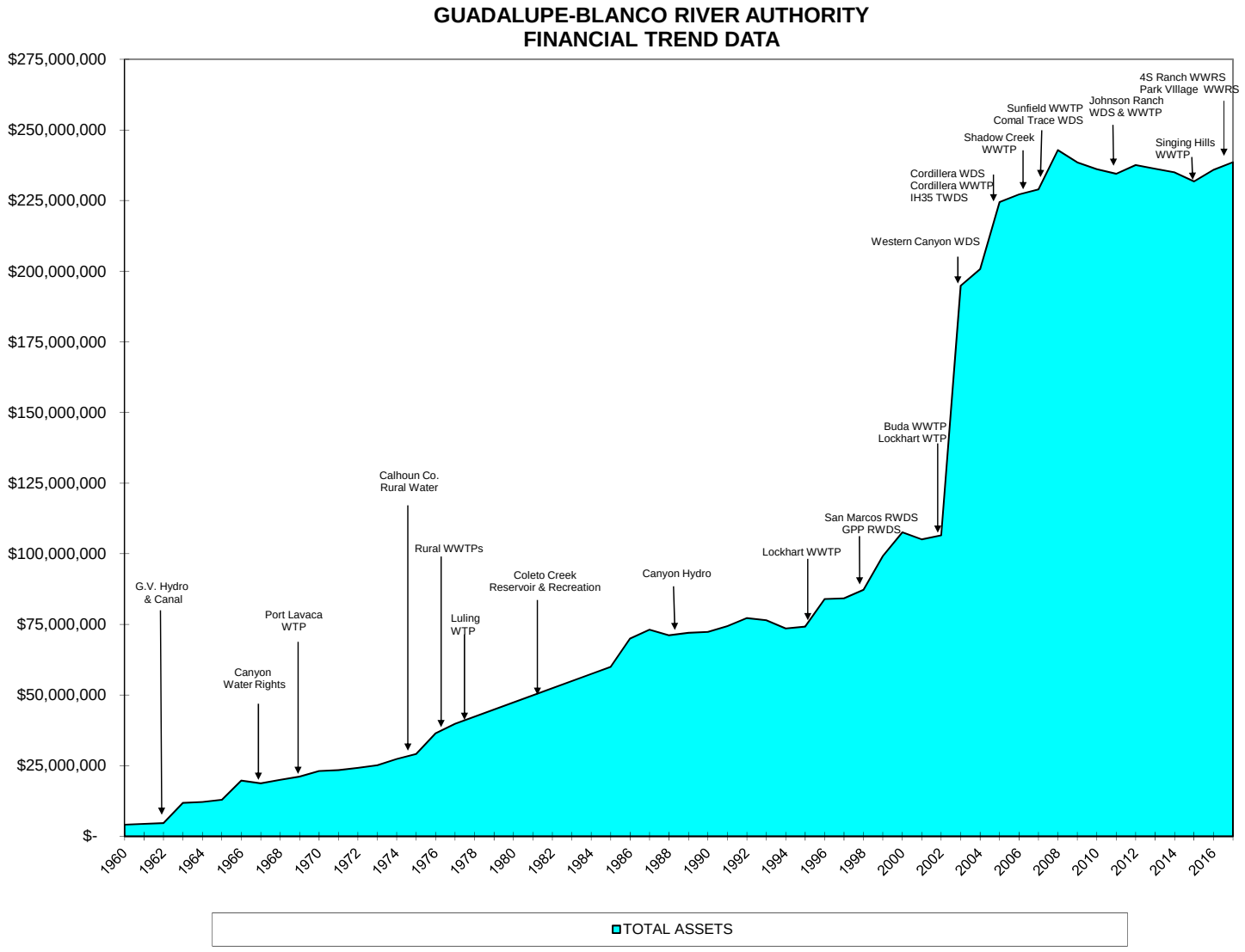
GBRA operations and water supply for the communities in the basin are generally contingent on the flow of the river and stored water out of the reservoir. The Board of Directors adopts a rate structure for water from reservoir storage annually to provide an equitable charge to all firm water customers. 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. The water supply rate is budgeted to increase by $3.00 or 2% to $145 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 operations being added are the 4S Ranch WWRS and the Park Village WWRS. The 2018 budget includes costs associated with the development of new wastewater operations in Comal County to serve Park Village and 4S Ranch; however, these operations are not expected to begin operation until late 2017 or early 2018.

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



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 2018 Budget sustains the Board's working capital reserve policy. A comprehensive review and update of the policy will be completed in FY 2018.

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 table below distinguishes the systems according to the type of operations in which they operate:

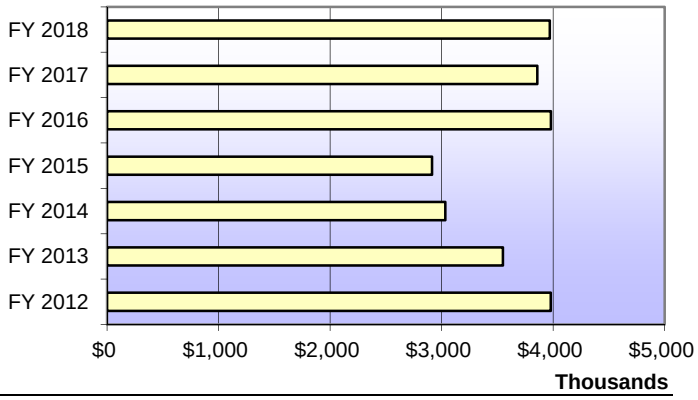
Budget-to-Actual Operations:	Principal Customers	County
Northcliffe Wastewater Treatment Plant	City of Schertz	Guadalupe
Sunfield Wastewater Treatment Plant	Sunfield MUD #4	Hays
4S Ranch Wastewater Treatment Plant	Comal County WCID #6	Comal
Park Village Wastewater Treatment Plant	Comal County WCID #6	Comal
Singing Hills Wastewater Treatment Plant	City of Bulverde	Comal
Buda Wastewater Treatment Plant	City of Buda	Hays
Port Lavaca Water Treatment Plant	City of Port Lavaca	Calhoun
Coleto Creek Reservoir	Coleto Creek Power, LP	Victoria/Goliad
Luling Water Treatment Plant	Cities of Luling & Lockhart	Caldwell
Canyon Hydroelectric Plant	New Braunfels Utilities	Comal
Lockhart Wastewater Reclamation System	City of Lockhart	Caldwell
Lockhart Water Treatment Plant	City of Lockhart	Caldwell

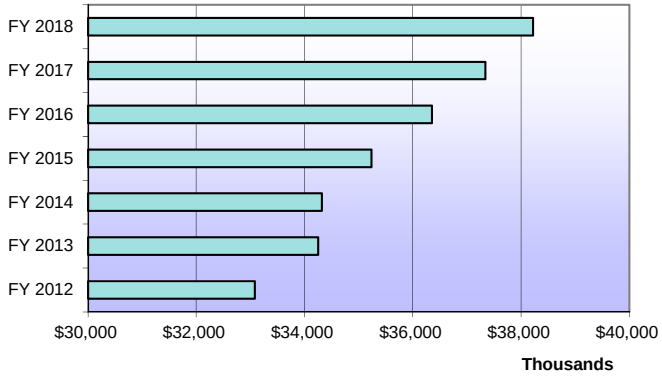
Unit of Service Operations:	Principal Customers	County
General Division	GBRA Systems	Guadalupe
Guadalupe Valley Hydroelectric Division	Guadalupe Valley Electric Coop.	Guadalupe/Gonzales
Shadow Creek Wastewater Treatment Plant	Residential Customers	Hays
Canyon Park Wastewater Reclamation System	Residential Customers	Comal
Dunlap Wastewater Reclamation System	Residential Customers	Guadalupe
Water Sales System	Communities, industries, farmers	Entire River Basin
Regional 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
Western Canyon Division	Boerne, Bulverde, Fair Oaks, Cordillera	Comal/Kendall
Cordillera Water Treatment Plant	Residential and Commercial Customers	Kendall
Cordillera Wastewater Treatment Plant	Residential and Commercial Customers	Kendall
Comal Trace Water Distribution System	Residential Customers	Comal
Johnson Ranch Water Distribution System	Residential Customers, Public School	Comal
Johnson Ranch Wastewater Treatment Plant	Residential Customers, Public School	Comal
Calhoun County Rural Water System	Residential and Commercial Customers	Calhoun
Coleto Creek Recreation	Recreational Customers	Victoria/Goliad

Historical Operating Revenues

Power Sales

A portion of Power Sales revenue is contingent on river flows. These revenues have remained relatively stable despite some drought years due to a facility charge in G.V. Hydroelectric Division of $125K/month and certain contractual provisions within the Canyon Hydroelectric Division. The decrease in FY 2014 is due to the final debt service payment for the Series 2002 bonds in the Canyon Hydroelectric System on June 1, 2014.



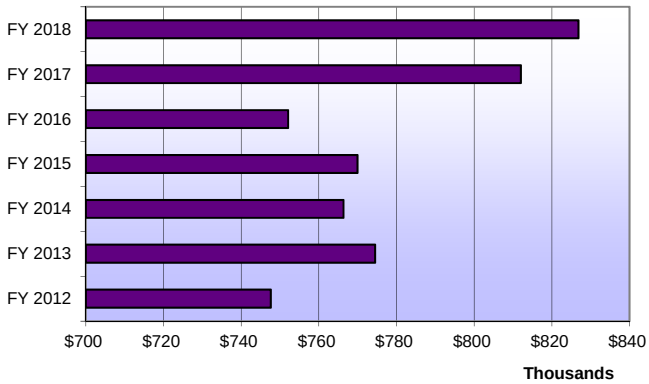


Water Sales and Lake Operations

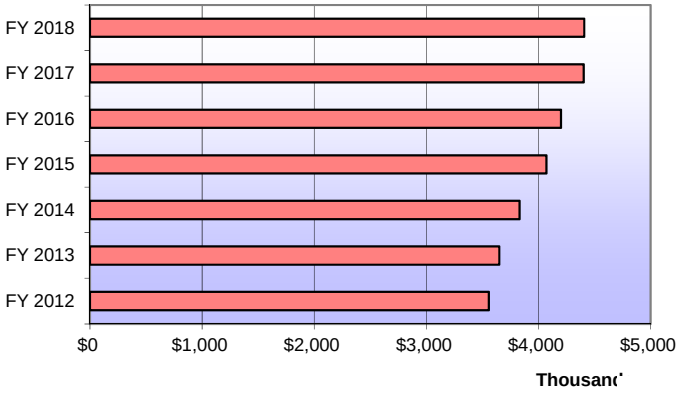
Water Sales and Lake Operations revenues are derived from the sale of raw and treated water to customers throughout the river basin. These have generally increased over the years due to the demand for more water; the initiation of water projects such as the Western Canyon, Luling-to-Lockhart, IH35 projects, and the associated project debt service; and rate increases of approximately 3-5% annually.

Recreation and Land Use

Coleto Creek Park, Lakewood Recreational Area and Nolte Island Park provide park facilities and water recreation for customers. Park permits issued are anticipated to increase from approximately 47,070 permits in 2017 to an anticipated 48,050 permits in 2018.



Historical Operating Revenues

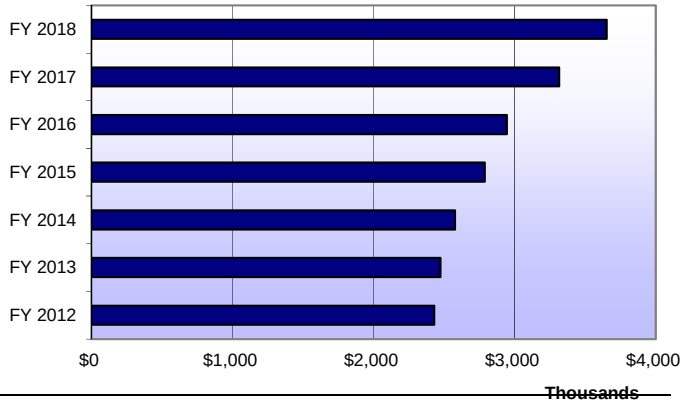


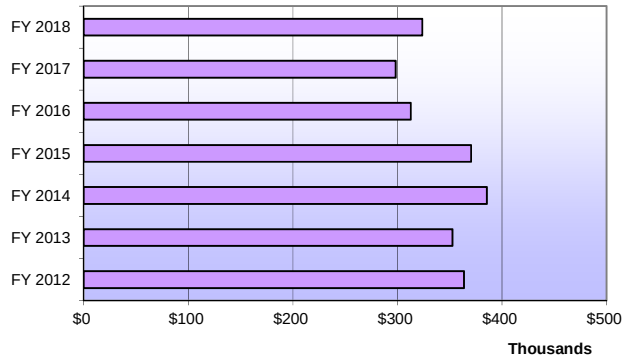
Wastewater Services

The treatment of wastewater has steadily increased over with build-out of existing service areas and the addition of new connections. Wastewater treatment has increased from 1,141,463/M gal. in 2012 to a projected 1,325,444/M gal. in 2018.

Laboratory Services

Laboratory revenue is derived from sampling, testing, and analyzing water and wastewater from a diverse group of customers. New technology and equipment allow GBRA to provide additional tests for lab customers.



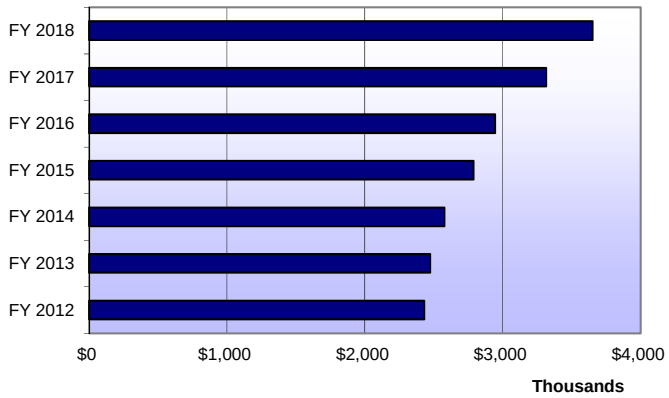


Rentals

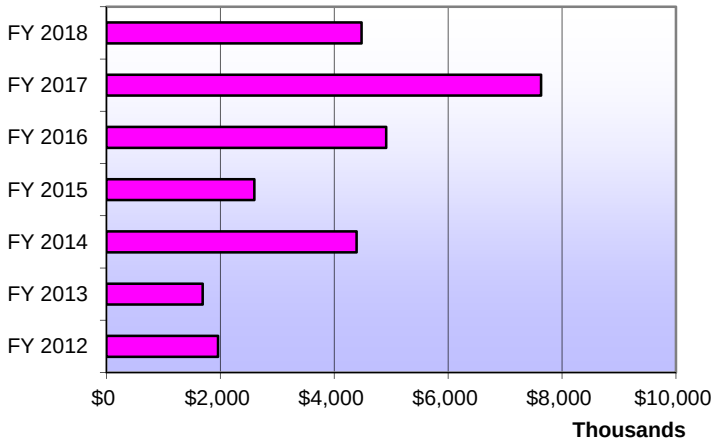
Income from the rental of building facilities and leasing of land increased in FY 2014 primarily due to the roof replacement on the Coleto Creek headquarter building. The Coleto Creek Power Company reimbursed GBRA for these costs and such reimbursement is shown as rental income.

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 2018.



Historical Operating Revenues



Miscellaneous Income

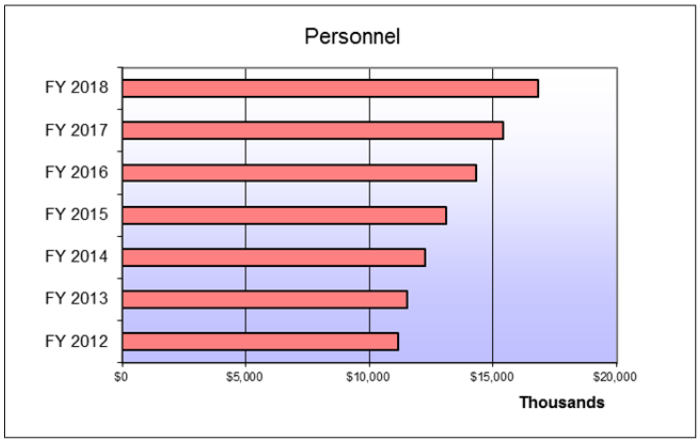
Miscellaneous income includes a variety of revenue sources including the sale of GBRA assets, renewable energy credits, payments from developers, and grant and insurance reimbursements from periodic repair of flood damages. The peak in FY 2014 is due to the Dunlap WWTP System receiving $2M from a Letter of Credit payoff pursuant to the terms of a developer agreement.

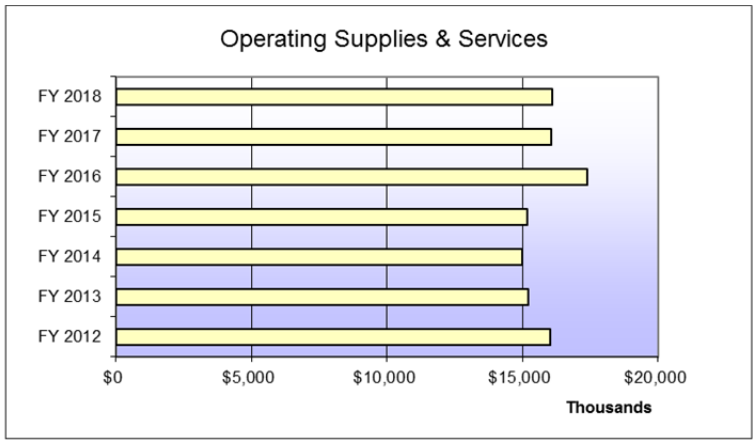
Operating Revenue Trend

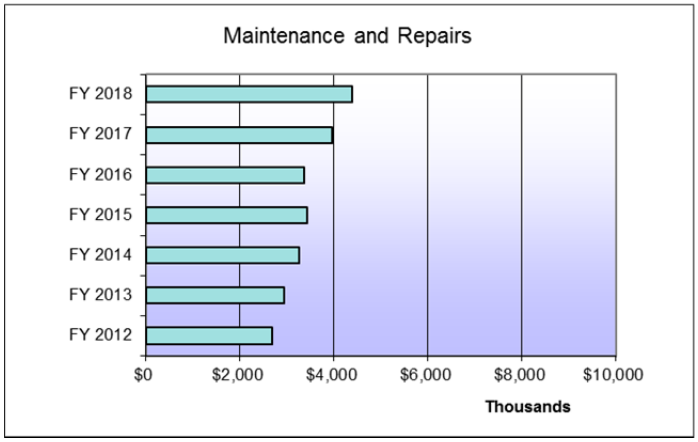
The following table identifies the revenue trends over the last seven years for all of GBRA's operations:

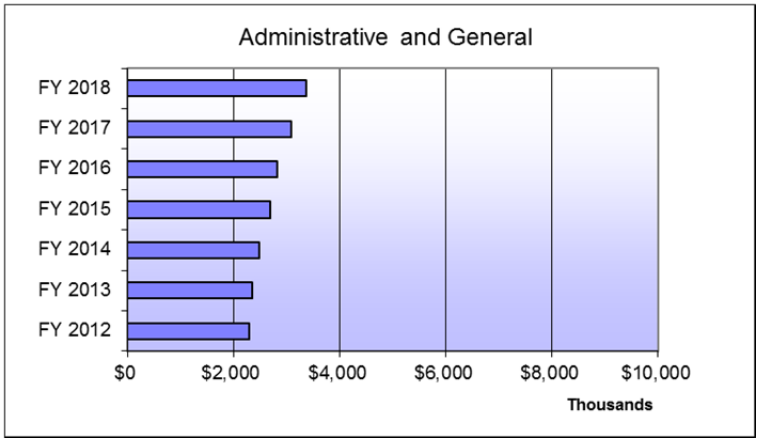
Revenues	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Actual	FY 2016 Actual	FY 2016 Budget	FY 2018 Budget
Power Sales	3,979,015	3,548,940	3,032,418	2,914,459	3,980,283	3,858,128	3,969,940
Water Sales & Lake Operations	33,081,820	34,252,743	34,316,750	35,235,778	36,351,389	37,339,353	38,218,680
Recreation & Land Use	747,666	774,504	766,399	769,951	752,099	812,000	826,840
Wastewater Services	3,556,848	3,649,643	3,830,672	4,070,855	4,201,089	4,404,562	4,408,460
Laboratory Services	823,466	800,922	842,643	914,476	965,329	930,000	975,000
Rentals	363,753	352,642	385,494	370,317	312,628	298,280	323,814
Administrative & General	2,431,049	2,473,872	2,577,174	2,788,639	2,943,855	3,314,943	3,653,322
Miscellaneous Income	1,961,375	1,691,432	4,391,862	2,598,724	4,912,866	7,631,014	4,480,779
Total	**46,944,992**	**47,544,698**	**50,143,412**	**49,663,199**	**54,419,538**	**58,588,280**	**56,856,835**

Historical Operating Expenses









Operating Expense Trend

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

Expenses	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Actual	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	11,165,078	11,506,268	12,246,705	13,119,588	14,303,090	15,390,333	16,818,003
Operating Supplies & Services	16,018,077	15,198,495	14,976,608	15,180,858	17,380,139	16,062,620	16,111,167
Maintenance and Repairs	2,693,772	2,945,875	3,264,615	3,436,488	3,364,768	3,955,731	4,386,719
Administrative and General	2,286,729	2,342,669	2,481,528	2,683,607	2,831,297	3,086,458	3,377,187
Total	**32,163,656**	**31,993,307**	**32,969,456**	**34,420,541**	**37,879,294**	**38,495,142**	**40,693,076**

Rates and Rate Structures

COMMON RATES:	2016 Actual	2017 Actual	2018 Budget	Unit of Measure	% Change	Effective Date
Transfer Fee	$40.00	$40.00	$40.00	transfer	-	Sep 01
ACH Fee: individual bank draft at customers request	$25.00	$25.00	$25.00	occurrence	-	Sep 01
NSF Fee	$25.00	$25.00	$25.00	occurrence	-	Sep 01
Late Charge Penalty	5%	5%	5%	mthly 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	N/A	N/A	$90.00	hour	NEW	Sep 01
GENERAL DIVISION	**2016 Actual**	**2017 Actual**	**2018 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 DIVISON	**2016 Actual**	**2017 Actual**	**2018 Budget**	**Unit of Measure**	**% Change**	**Effective Date**
Energy Charge	$0.0314	$0.0314	$0.0314	kWh	-	Sep 01
Facility Charge	$125,000	$125,000	$125,000	month	-	Sep 01
Subordination Rate	$5.00	$5.00	$5.00	AFY	-	Sep 01
Hydro Modification Permit Fee	$300.00	$300.00	$600.00	permit	100%	Sep 01
RURAL UTILITIES DIVISION	**2016 Actual**	**2017 Actual**	**2018 Budget**	**Unit of Measure**	**% Change**	**Effective Date**
Reconnect Fee	$500.00	$500.00	$500.00	connection	-	Sep 01
Trucked Wastewater	$60.00	$60.00	$60.00	1,000 gal	-	Sep 01
Shadow Creek WWTP:						
Monthly Sewer Rate	$36.00	$36.00	$36.00	LUE	-	Oct 01
Canyon Park WWRS:						
1. Connection Fee	$5,000.00	$5,000.00	$5,000.00	connection	-	Oct 01
2. Monthly Sewer Rate:						
Condos, Houses & Laguna Park Units	$48.00	$50.00	$52.00	LUE	4%	Oct 01
3. Monthly Sewer Rate: Car Wash	$96.00	$100.00	$104.00	LUE	4%	Oct 01
Dunlap WWRS:						
1. Connection Fee: Legends Pond, Long Creek (The Bandit), NBISD, River Bend, Southbank	$2,577	$2,577	$2,577	connection	-	Oct 01
Connection Fee: White Wing line/area	$5,477	$5,477	$5,477	connection	-	Oct 01
Connection Fee: White Wing line/area (duplex)	N/A	$3,000	$3,000	connection	-	Oct 01
Connection Fee: New customers conn. via Legends Lift Static	$5,977	$5,977	$5,977	connection	-	Oct 01
Connection Fee: Oasis line/area	$6,377	$6,377	$6,377	connection	-	Oct 01
Connection Fee: Midtex line/area	$8,577	$8,577	$8,577	connection	-	Oct 01
Connection Fee: Zipp Road Utilities (per contract until 8/31/21)	N/A	$3,000	$3,000	connection	-	Oct 01
2. Inspection Fee	$50.00	$50.00	$50.00	connection	-	Oct 01
3. Monthly Sewer Fee: Retail	$50.00	$50.00	$52.00	LUE	4%	Oct 01
4. Monthly Sewer Fee: Wholesale (per contract until 8/31/21)	N/A	$48.00	$48.00	LUE	-	Oct 01

Note: Rate changes for new budget year are highlighted; % change is from 2017 actual to 2018 budget year.

Rates and Rate Structures

WATER RESOURCES DIVISION	2016 Actual	2017 Actual	2018 Budget	Unit of Measure	% Change	Effective Date
Raw Water:						
Firm Water	$135.00	$142.00	$145.00	AFY	2%	Oct 01
Recreation Rate	$26.61	$26.61	$26.61	AFY	-	Oct 01
Out-of-District Charge x Consumer Price Index Change	$35.64	$35.67	$36.21	AFY	2%	Oct 01
Regional RWDS:						
O&M Rate	$0.213	$0.286	$0.286	1,000 gal	-	Oct 01
Capacity Rate	$0.201	$0.201	$0.190	1,000 gal	-5%	Oct 01
Guadalupe Power Partners RWDS:						
O&M Rate	$0.454	$0.488	$0.482	1,000 gal	-1%	Oct 01
IH 35 Project:						
WTP O&M Rate	$0.48	$0.48	$0.500	1,000 gal	4%	Oct 01
TWDS O&M Rate	$0.307	$0.291	$0.297	1,000 gal	2%	Oct 01
Capacity Rate	$0.306	$0.306	$0.306	1,000 gal	-	Oct 01
Nolte Island Park:						
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
Meadow Lake Leases:						
Site #1 - Homeowner's Assoc. Lot	$150.00	$150.00	$150.00	site	-	Sep 01
Site #2-13	$1,200.00	$1,200.00	$1,200.00	site	-	Sep 01
Regional Laboratory:						
Administrative Fee	$1.00	$1.00	$1.00	per report	-	Sep 01
Data Transfer Fee	$26.00	$26.00	$26.00	per transfer	-	Sep 01
Alkalinity-Total	$26.00	$26.00	$26.00	test	-	Sep 01
Alkalinity-Carbonate	$16.00	$16.00	$16.00	test	-	Sep 01
Alkalinity-Bicarbonate	$16.00	$16.00	$16.00	test	-	Sep 01
Alkalinity-Phenolthaelein	$15.00	$15.00	$15.00	test	-	Sep 01
Chlorophyll a/Pheophytin	$60.00	$62.00	$62.00	test	-	Sep 01
Conductivity	$14.00	$15.00	$15.00	test	-	Sep 01
Demands-BOD (5 day)	$35.00	$35.00	$35.00	test	-	Sep 01
Demands-BOD (filtered)	$36.00	$37.00	$37.00	test	-	Sep 01
Demands-CBOD (5 day)	$37.00	$39.00	$39.00	test	-	Sep 01
Demands-COD	$38.00	$39.00	$39.00	test	-	Sep 01
Demands-DO (electrode)	$12.00	$12.00	$12.00	test	-	Sep 01
Ion Chromatography-Chloride	$24.00	$25.00	$25.00	test	-	Sep 01
Ion Chromatography-Chlorite	$37.00	$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	$30.00	$30.00	test	-	Sep 01
Ion Chromatography-Sulfate	$24.00	$25.00	$25.00	test	-	Sep 01
Micro-E coli (18 hr. Colilert)	$30.00	$31.00	$31.00	test	-	Sep 01

Note: Rate changes for new budget year are highlighted; % change is from 2017 actual to 2018 budget year.

Rates and Rate Structures

WATER RESOURCES DIVISION (cont.)	2016 Actual	2017 Actual	2018 Budget	Unit of Measure	% Change	Effective Date
Micro-E coli-EPA	$120.00	$120.00	$120.00	test	-	Sep 01
Micro-Fecal Coliform/E.coli	$30.00	$32.00	$32.00	test	-	Sep 01
Micro-Fecal Coliform for sludges	$55.00	$55.00	$55.00	test	-	Sep 01
Micro-Fecal Coliform Geomean	$85.00	$87.00	$87.00	test	-	Sep 01
Micro-Heterotrophic Plate Counts	$40.00	$40.00	$40.00	test	-	Sep 01
Micro-Total Coliform	$25.00	$25.00	$25.00	test	-	Sep 01
Nutrients-Ammonia Nitrogen-Distilled	$33.00	$34.00	$34.00	test	-	Sep 01
Nutrients-Ammonia Nitrogen-Non-distilled	$29.00	$30.00	$30.00	test	-	Sep 01
Nutrients-Total Kjeldahl Nitrogen-TKN	$50.00	$52.00	$52.00	test	-	Sep 01
Nutrients-Total Phosphorus	$34.00	$35.00	$35.00	test	-	Sep 01
Oil and Grease	$64.00	$64.00	$64.00	test	-	Sep 01
pH	$14.00	$14.00	$14.00	test	-	Sep 01
Solids Analysis-TSS	$25.00	$25.00	$25.00	test	-	Sep 01
Solids Analysis-VSS	$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
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	$31.00	$31.00	test	-	Sep 01
Total Organic Carbon (TOC)	$45.00	$45.00	$45.00	test	-	Sep 01
Total Organic Carbon-Dissolved	$46.00	$46.00	$46.00	test	-	Sep 01
Total Residual Chlorine	$15.00	$15.00	$15.00	test	-	Sep 01
Turbidity	$19.00	$21.00	$21.00	test	-	Sep 01

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

Lake Wood Recreation Area:

Annual Permit	$150.00	$150.00	$150.00	permit	-	Sep 01
Replacement Annual Permit	$5.00	$5.00	$5.00	permit	-	Sep 01
Boat Dock Leases	$60.00	$60.00	$60.00	month	-	Sep 01
Day Use: Vehicle Entrance Fee	$8.00	$8.00	$8.00	vehicle	-	Sep 01
Day Use: Individual Entrance Fee	$2.00	$2.00	$2.00	person	-	Sep 01
Overnight Camping Fees:						
Tent Camper	$23.00	$23.00	$23.00	night	-	Sep 01
RV/Trailer (30 amp) – Daily	$28.00	$28.00	$28.00	night	-	Sep 01
RV/Trailer (30 amp) - Weekly (Apr 1-Sep 30)	$154.00	$154.00	$154.00	week	-	Sep 01
RV/Trailer (30 amp) - Weekly (Oct 1-Mar 31)	$133.00	$133.00	$133.00	week	-	Sep 01
RV/Trailer (30 amp) - Mthly (Apr 1-Sep 30)	$510.00	$510.00	$510.00	month	-	Sep 01
RV/Trailer (30 amp) - Mthly (Oct 1-Mar 31)	$420.00	$420.00	$420.00	month	-	Sep 01
RV/Trailer (50 amp) – Daily	$32.00	$32.00	$32.00	night	-	Sep 01
RV/Trailer (50 amp) – Weekly	$175.00	$175.00	$175.00	week	-	Sep 01
RV/Trailer (50 amp) – Monthly	$630.00	$630.00	$630.00	month	-	Sep 01
Senior Citizen Camping (Oct 1-Mar 31)	$27.00	$27.00	$27.00	night	-	Sep 01
Second Vehicle	$10.00	$10.00	$10.00	vehicle	-	Sep 01

Note: Rate changes for new budget year are highlighted; % change is from 2017 actual to 2018 budget year.

Rates and Rate Structures

WATER RESOURCES DIVISION (cont.)	2016 Actual	2017 Actual	2018 Budget	Unit of Measure	% Change	Effective Date
Calhoun Canal System:						
Irrigation Rates						
Rice – 1st Crop	$130.00	$130.00	$130.00	acre	-	Oct 01
Rice – 2nd Crop	$50.00	$50.00	$50.00	acre	-	Oct 01
Row Crop	$45.00	$45.00	$45.00	acre	-	Oct 01
Pasture	$45.00	$45.00	$45.00	acre	-	Oct 01
Crawfish Pond	$90.00	$90.00	$90.00	acre	-	Oct 01
Waterfowl Field	$60.00	$60.00	$60.00	acre	-	Oct 01
Catfish Farm	$116.00	$116.00	$116.00	acre	-	Oct 01
Seadrift Coke LP	$0.205	$0.205	$0.215	1,000 gal.	5%	Oct 01
Ineos Nitriles	$0.200	$0.200	$0.210	1,000 gal.	5%	Oct 01
Other M&I Customers	$0.165	$0.165	$0.175	1,000 gal.	6%	Oct 01
Other Ponds & rigs (base rate+usage)	$495.00	$495.00	$495.00	base rate	-	Oct 01
	$0.165	$0.165	$0.175	1,000 gal.	6%	Oct 01
Initial fill: crawfish, waterfowl & catfish water	$0.165	$0.165	$0.175	1,000 gal.	6%	Oct 01
Sprinkler Irrigation	$45.00	$45.00	$45.00	acre	-	Oct 01

WESTERN CANYON DIVISION	2016 Actual	2017 Actual	2018 Budget	Unit of Measure	% Change	Effective Date
Western Canyon WTP & TWDS:						
O&M Rate	$1.040	$1.074	$1.074	1,000 gal.	-	Oct 01
Capacity Rate-WTP	$475.03	$475.03	$475.03	AFY	-	Oct 01
Capacity Rate-TTHM (estimate, rate will be based on bond issue)			$27.22	AFY	NEW	
Wholesale (Raw+Capacity+WTP O&M-does not include capacity charge for TTHM project)	$2.90	$2.97	$2.97	1,000 gal.	-	Oct 01
Water Distribution Systems – Common Rates:						
Reconnection Fee: Water	$100.00	$100.00	$100.00	connection	-	Sep 01
Customer Service Inspection Fee	$75.00	$75.00	$75.00	inspection	-	Sep 01
Comal Trace WDS, Cordillera Ranch WDS & Johnson Ranch WDS:						
1. 5/8" Residential 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	N/A	$2,000.00	$2,000.00	connection	-	Sep 01
Water – Base Rate: up to 2,000 gal	$44.00	$44.00	$44.00	month	-	Oct 01
Water – Block Rate: 2,001-10,000 gal (base rate+usage)	$3.60	$3.60	$3.60	1,000 gal.	-	Oct 01
Water – Block Rate: 10,001-25,000 gal (base rate+usage)	$4.60	$4.60	$4.60	1,000 gal.	-	Oct 01
Water – Block Rate: 25,001-50,000 gal (base rate+usage)	$5.60	$5.60	$5.60	1,000 gal.	-	Oct 01
Water – Block Rate: 50,001-75,000 gal (base rate+usage)	$6.60	$6.60	$6.60	1,000 gal.	-	Oct 01
Water – Block Rate: 75,001-100,000 gal (base rate+usage)	$8.60	$8.60	$8.60	1,000 gal.	-	Oct 01
Water – Block Rate: over 100,000 gal (base rate+usage)	$12.00	$12.00	$12.00	1,000 gal.	-	Oct 01

Note: Rate changes for new budget year are highlighted; % change is from 2017 actual to 2018 budget year.

Rates and Rate Structures

WESTERN CANYON DIVISION (cont.)	2016 Actual	2017 Actual	2018 Budget	Unit of Measure	% Change	Effective Date
Comal Trace WDS, Cordillera Ranch WDS & Johnson Ranch WDS (cont.):						
2. 1" Commercial Meter:						
Water – Connection Fees: Cordillera	$1,730.00	$1,730.00	$1,730.00	connection	-	Sep 01
Water – Base Rate: up to 4,000 gal	$104.00	$104.00	$104.00	month	-	Oct 01
Water – Block Rate: 4,001-25,000 gal (base rate+usage)	$3.60	$3.60	$3.60	1,000 gal.	-	Oct 01
Water – Block Rate: 25,001-75,000 gal (base rate+usage)	$5.50	$5.50	$5.50	1,000 gal.	-	Oct 01
Water – Block Rate: over 75,000 gal (base rate+usage)	$10.50	$10.50	$10.50	1,000 gal.	-	Oct 01
3. 1.5" Commercial Meter:						
Water – Connection Fees: Cordillera	$1,850.00	$1,850.00	$1,850.00	connection	-	Sep 01
Water – Base Rate: up to 8,000 gal	$204.00	$204.00	$204.00	month	-	Oct 01
Water – Block Rate: 8,001-50,000 gal (base rate+usage)	$3.60	$3.60	$3.60	1,000 gal.	-	Oct 01
Water – Block Rate: 50,001-100,000 gal (base rate+usage)	$5.50	$5.50	$5.50	1,000 gal.	-	Oct 01
Water – Block Rate: over 100,000 gal (base rate+usage)	$10.50	$10.50	$10.50	1,000 gal.	-	Oct 01
4. 2" Commercial Meter:						
Water – Connection Fees: Cordillera	$2,560.00	$2,560.00	$2,560.00	connection	-	Sep 01
Water – Base Rate: up to 16,000 gal	$304.00	$304.00	$304.00	month	-	Oct 01
Water – Block Rate: 16,001-75,000 gal (base rate+usage)	$3.60	$3.60	$3.60	1,000 gal.	-	Oct 01
Water – Block Rate: 75,001-125,000 gal (base rate+usage)	$5.50	$5.50	$5.50	1,000 gal.	-	Oct 01
Water – Block Rate over 125,000 gal. (base rate+usage)	$10.50	$10.50	$10.50	1,000 gal.	-	Oct 01
5. 3" Commercial Meter:						
Water – Connection Fees: Cordillera	$2,860.00	$2,860.00	$2,860.00	connection	-	Sep 01
Water – Base Rate: up to 32,000 gal	$524.00	$524.00	$524.00	month	-	Oct 01
Water – Block Rate: 32,001-100,000 gal (base rate+usage)	$3.60	$3.60	$3.60	1,000 gal.	-	Oct 01
Water – Block Rate: 100,001-150,000 gal (base rate+usage)	$5.50	$5.50	$5.50	1,000 gal.	-	Oct 01
Water – Block Rate over 150,000 gal. (base rate+usage)	$10.50	$10.50	$10.50	1,000 gal.	-	Oct 01
6. Wholesale:						
Water – Wholesale Usage (Capacity & WTP O&M)	$2.50	$2.50	$2.50	1,000 gal.	-	Oct 01
Wastewater Treatment Plant - Common Rates:						
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
Cordillera WWTP:						
Wastewater – Connection & Inspection Fees	$1,550.00	$1,550.00	$1,550.00	connection	-	Sep 01
+ Grinder Pump	pump @ cost	pump @ cost	pump @ cost			
Service call (up to 3 hours)	N/A	N/A	$150.00	minimum	NEW	Sep 01
over minimum	N/A	N/A	$50.00	per hour	NEW	Sep 01
Pump Replacement	N/A	N/A	$350.00	occurrence	NEW	Sep 01
Wastewater – Developer Reimbursement Fee	N/A	$2,000.00	$2,000.00	connection	-	Sep 01
Wastewater – Monthly Fees	$64.00	$67.00	$70.00	LUE	4.48%	Oct 01
4S Ranch WWTP, Johnson Ranch WWTP, Park Village WWRS:						
Wastewater – Connection Fees	$550.00	$550.00	$550.00	connection	-	Oct 01
Wastewater – Monthly Fees	$45.00	$45.00	$45.00	LUE	-	Oct 01

Note: Rate changes for new budget year are highlighted; % change is from 2017 actual to 2018 budget year.

Rates and Rate Structures

CALHOUN COUNTY RWS DIVISION	2016 Actual	2017 Actual	2018 Budget	Unit of Measure	% Change	Effective Date
Reconnect Fee/Trip Charge	$70.00	$70.00	$70.00	connection	-	Sep 01
Call Out Trip Charge	$250.00	$250.00	$250.00	occurrence	-	Sep 01
Rural Water Distribution System:						
1. 5/8" Meter:						
Connection Fees-New Connection, plus membership fee	$1,000.00	$1,000.00	$1,000.00	connection	-	Oct 01
Connection Fees-Existing Connection, plus membership fee	$355.00	$355.00	$355.00	connection	-	Oct 01
Membership Fees	$1,200.00	$1,200.00	$1,200.00	connection	-	Oct 01
Water - Base Rate: up to 2,000 gal	$40.00	$40.00	$43.00	month	8%	Oct 01
Water - Block Rate: 2,001-5,000 gal (base rate+usage)	$6.05	$6.05	$6.05	1,000 gal.	-	Oct 01
Water - Block Rate: 5,001-10,000 gal (base rate+usage)	N/A	$7.05	$7.05	1,000 gal.	-	Oct 01
Water - Block Rate: 10,001-25,000 gal (base rate+usage)	N/A	$10.05	$10.05	1,000 gal.	-	Oct 01
Water - Block Rate: over 25,000 gal (base rate+usage)	N/A	$12.05	$12.05	1,000 gal.	-	Oct 01
Dry Tap Rate	$39.00	$39.00	$42.00	month	8%	Oct 01
2. ¾" Meter:						
Connection Fees-New Connection, plus membership fee	$1,000.00	$1,000.00	$1,000.00	connection	-	Oct 01
Connection Fees-Existing Connection, plus membership fee	$385.00	$385.00	$385.00	connection	-	Oct 01
Membership Fees	$2,300.00	$2,300.00	$2,300.00	connection	-	Oct 01
Water - Base Rate: up to 3,000 gal	$60.00	$60.00	$65.00	month	8%	Oct 01
Water - Block Rate: 3,001-5,000 gal (base rate+usage)	$6.05	$6.05	$6.05	1,000 gal.	-	Oct 01
Water - Block Rate: 5,001-10,000 gal (base rate+usage)	N/A	$7.05	$7.05	1,000 gal.	-	Oct 01
Water - Block Rate: 10,001-25,000 gal (base rate+usage)	N/A	$10.05	$10.05	1,000 gal.	-	Oct 01
Water - Block Rate: over 25,000 gal (base rate+usage)	N/A	$12.05	$12.05	1,000 gal.	-	Oct 01
Dry Tap Rate	$59.00	$59.00	$64.00	month	8%	Oct 01
3. 1" Meter:						
Connection Fees-New Connection, plus membership fee	$1,300.00	$1,300.00	$1,300.00	connection	-	Oct 01
Connection Fees-Existing Connection, plus membership fee	$450.00	$450.00	$465.00	connection	3%	Oct 01
Membership Fees	$3,100.00	$3,100.00	$3,100.00	connection	-	Oct 01
Water - Base Rate: up to 4,000 gal	$80.00	$80.00	$86.00	month	8%	Oct 01
Water - Block Rate: 4,001-25,000 gal (base rate+usage)	$6.05	$6.05	$6.05	1,000 gal.	-	Oct 01
Water - Block Rate: 25,001-75,000 gal (base rate+usage)	N/A	$7.05	$7.05	1,000 gal.	-	Oct 01
Water - Block Rate: over 75,000 gal (base rate+usage)	N/A	$10.05	$10.05	1,000 gal.	-	Oct 01
Dry Tap Rate	$79.00	$79.00	$85.00	month	8%	Oct 01
4. 1- ½" Meter:						
Connection Fees-New Connection, plus membership fee	$1,900.00	$1,900.00	$1,900.00	connection	-	Oct 01
Membership Fees	$6,900.00	$6,900.00	$6,900.00	connection	-	Oct 01
Water - Base Rate: up to 8,000 gal	$160.00	$160.00	$173.00	month	8%	Oct 01
Water - Block Rate: 8,001-50,000 gal (base rate+usage)	$6.05	$6.05	$6.05	1,000 gal.	-	Oct 01
Water - Block Rate: 50,001-100,000 gal (base rate+usage)	N/A	$7.05	$7.05	1,000 gal.	-	Oct 01
Water - Block Rate: over 100,000 gal (base rate+usage)	N/A	$10.05	$10.05	1,000 gal.	-	Oct 01
Dry Tap Rate	$159.00	$159.00	$172.00	month	8%	Oct 01

Note: Rate changes for new budget year are highlighted; % change is from 2017 actual to 2018 budget year.

Rates and Rate Structures

CALHOUN COUNTY RWS DIVISION (cont.)	2016 Actual	2017 Actual	2018 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	-	Oct 01
Membership Fees	$15,500.00	$15,500.00	$15,500.00	connection	-	Oct 01
Base Rate up to 16,000 gal.	$320.00	$320.00	$346.00	month	8%	Oct 01
Water - Block Rate: 16,001-75,000 gal (base rate+usage)	$6.05	$6.05	$6.05	1,000 gal.	-	Oct 01
Water - Block Rate: 75,001-125,000 gal (base rate+usage)	N/A	$7.05	$7.05	1,000 gal.	-	Oct 01
Water - Block Rate: over 125,000 gal (base rate+usage)	N/A	$10.05	$10.05	1,000 gal.	-	Oct 01
Dry Tap Rate	$319.00	$319.00	$345.00	month	8%	Oct 01
Crestview Subdivision:						
Residential: Monthly Sewer Fees	$70.00	$75.00	$75.00	month	-	Oct 01
Residential: New Connection	@ cost	@ cost	@ cost			Oct 01
Residential: Reactivate Connection	$210.00	$225.00	$225.00	connection	-	Oct 01
Multi-family/2 Units: Monthly Sewer Fees	$105.00	$112.50	$112.50	month	-	Oct 01
Multi-family/2 Units: New Connection	@ cost	@ cost	@ cost			Oct 01
Multi-family/2 Units: Reactivate Connection	$315.00	$337.50	$337.50	connection	-	Oct 01

COLETO CREEK RECREATION SYSTEM	2016 Actual	2017 Actual	2018 Budget	Unit of Measure	% Change	Effective Date
Day Use Entrance Permit	$9.00	$9.00	$9.00	4 people	-	Sep 01
Day Use Holiday Entrance Permit (Easter, Memorial Day, July 4th, Labor Day)	$10.00	$10.00	$10.00	4 people	-	Sep 01
Individual Passes	$2.00	$2.00	$2.00	day	-	Sep 01
Annual Permit	$155.00	$160.00	$165.00	permit	3%	Sep 01
Replacement Annual Permit	$5.00	$5.00	$5.00	permit	-	Sep 01
Camping Fee	$32.00	$32.00	$35.00	night	9%	Sep 01
Camping Fee Premium Sites	$37.00	$37.00	$40.00	night	8%	Sep 01
Overflow Camping	$25.00	$26.00	$28.00	night	8%	Sep 01
Camping Extra Vehicle Charge	$10.00	$11.00	$11.00	night	-	Sep 01
Camping Fee (Weekly: 10/1-3/31)	$175.00	$175.00	$182.00	7 nights	4%	Sep 01
Camping Fee (Monthly: 10/1-3/31)	$435.00	$435.00	$450.00	30 nights	3%	Sep 01
Senior Citizens Camping (10/1-3/31)	$25.00	$26.00	$30.00	night	15%	Sep 01
Primitive Camping	$25.00	$26.00	$28.00	night	8%	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	$10.00	$10.00	$20.00	pump out	100%	Sep 01
Holidays: Easter, Memorial Day, July 4th, Labor Day	$10.00	$10.00	$10.00	additional chg/night	-	Sep 01
Cabin Rental (Small Units)	$67.00	$68.00	$70.00	night	3%	Sep 01
Cabin Rental (Large Units)	$87.00	$88.00	$90.00	night	2%	Sep 01
Cabin Rental (Trailer Units)	$105.00	$106.00	$110.00	night	4%	Sep 01
Holidays: Easter, Memorial Day, July 4th, Labor Day	$10.00	$10.00	$10.00	additional chg/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
Holidays: Easter, Memorial Day, July 4th, Labor Day	$10.00	$10.00	$10.00	additional chg/night	-	Sep 01

Note: Rate changes for new budget year are highlighted; % change is from 2017 actual to 2018 budget year.

Rates and Rate Structures

COLETO CREEK RECREATION SYSTEM (cont)	2016 Actual	2017 Actual	2018 Budget	Unit of Measure	% Change	Effective Date
Boat/Trailer Storage	$45.00	$45.00	$45.00	30 days	-	Sep 01
Type I Lease (Minimum Annual Fee)	$290.00	$290.00	$290.00	year	-	Sep 01
Type II Lease (Minimum Annual Fee)	$0.50	$0.50	$0.50	linear foot	-	Sep 01
Lease Modification Permit	$75.00	$75.00	$75.00	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	$11.00	$11.00	$11.00	acre	-	Sep 01
Bowhunting Fee (weekend)	$150.00	$160.00	$165.00	hunter	3%	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	2016 Actual	2017 Actual	2018 Budget	Unit of Measure	% Change	Effective Date
Water Treatment Plant Charge	$1.23	$1.207	$1.334	1,000 gal.	10%	Sep 01
Treated Water Delivery System O&M Charge	$0.347	$0.377	$0.346	1,000 gal.	-8.3%	Sep 01

CANYON HYDROELECTRIC DIVISION	2016 Actual	2017 Actual	2018 Budget	Unit of Measure	% Change	Effective Date
Energy Charge	$0.0133	$0.0133	$0.0133	kWh	-	Sep 01

LOCKHART DIVISION	2016 Actual	2017 Actual	2018 Budget	Unit of Measure	% Change	Effective Date
Septic Tank Waste	$67.00	$67.00	$67.00	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 2017 actual to 2018 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 *Specialized Public Finance* __General Counsel __Paying Agent/Registrar __Bond Printer __POS/OS Printer	__Underwriter Counsel __Rating Agency *Moody's and S&P* __Bond Insurer	__Bond Counsel *McCall, Parkhurst & Horton* __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, 2018 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 8/31/2016	Retired During FY 2017	Outstanding 8/31/2017	Retired During FY 2018	Outstanding 8/31/2018
OBLIGATIONS PAYABLE DIRECTLY BY GBRA									
RURAL UTILITIES DIVISION									
Regions Bank Loan, Dunlap Collection System	03/15/2012	2032	3.3%	2,600,000	2,310,000	105,000	2,205,000	105,000	2,100,000
Regions Bank Loan, Emergency Generator-032	08/29/2014	2019	3.12%	33,000	20,398	6,586	13,812	6,797	7,015
Regions Bank Loan, Emergency Generator-033	08/29/2014	2019	3.12%	37,000	22,871	7,384	15,487	7,621	7,866
Regions Bank Loan, Emergency Generator-035	08/29/2014	2019	3.12%	70,000	43,270	43,270	--	--	--
Wells Fargo Bank Loan, Generator-033	12/01/2016	2026	3.45%	97,050	--	5,482	91,568	8,463	83,105
Wells Fargo Bank Loan, Truck-041	12/01/2016	2026	3.45%	33,725	--	1,905	31,820	2,941	28,879
Wells Fargo Bank Loan, Belt Press-041	12/01/2016	2026	3.45%	374,225	--	21,142	353,083	32,637	320,446
WATER RESOURCE DIVISION									
U.S. Government Loan	01/01/1977	2026	2.5%	8,979,862	2,703,428	241,305	2,462,123	247,337	2,214,786
Luling Foundation Loan, Water Right Purchase	09/26/2006	2031	4.50%	584,706	411,320	19,790	391,530	20,681	370,849
Ussery Loan, Water Right Purchase	09/26/2006	2031	4.50%	343,496	241,642	11,626	230,016	12,149	217,867
General Improvement & Refunding Rev Bonds, 20	03/01/2011	2030	3.0-4.375%	10,745,000	7,885,000	505,000	7,380,000	520,000	6,860,000
General Improvement Rev Bonds, 2012 (Mid-Basin	04/05/2012	2031	0.14-1.86%	4,400,000	3,505,000	220,000	3,285,000	220,000	3,065,000
General Improvement Rev Bonds, 2015 (SWIRF)	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				$30,298,064	19,142,929	$1,188,490	$18,459,439	$1,183,626	$17,275,813
OBLIGATIONS PAYABLE PURSUANT TO CONTRACTS									
WATER RESOURCE DIVISION									
Western Canyon Regional Water Supply Project Revenue Bonds									
2013A	07/10/2013	2033	1.0-5.0%	55,265,000	49,065,000	1,995,000	47,070,000	2,030,000	45,040,000
Western Canyon Regional Water Supply Project Revenue Bonds									
2013B	07/10/2013	2033	.909-4.633%	6,830,000	6,000,000	265,000	5,735,000	270,000	5,465,000
IH 35 Project Combined Revenue Bonds									
2013	04/17/2013	2037	2.0-5%	19,470,000	17,320,000	565,000	16,755,000	585,000	16,170,000
RRWDS Combined Revenue Bonds									
2007A	09/15/2007	2039	5.0%	9,180,000	8,050,000	195,000	7,855,000	205,000	7,650,000
RRWDS Combined Revenue Bonds, Taxable									
2007B	09/15/2007	2039	7.1%	5,775,000	5,245,000	100,000	5,145,000	105,000	5,040,000
Regional Raw Wtr Delivery System Bonds, San Marcos									
2010	08/01/2010	2024	2.0-3.25%	6,895,000	4,285,000	470,000	3,815,000	490,000	3,325,000
San Marcos Water Treatment Plant Revenue Bonds									
2016	11/22/2016	2036	2.0-5%	4,850,000	--	--	4,850,000	90,000	4,760,000
PORT LAVACA WATER TREATMENT PLANT DIVISION									
Frost National Bank Loan	03/04/2008	2022	4.0%	400,000	301,662	49,975	251,687	52,040	199,647
LULING WATER TREATMENT PLANT DIVISION									
Treated Water Delivery System Contract Revenue Refunding Bonds									
2014	02/26/2014	2030	3.45%	4,950,000	4,470,000	255,000	4,215,000	260,000	3,955,000
LOCKHART WASTEWATER RECLAMATION DIVISION									
Contract Revenue Bonds									
2010	08/01/2010	2017	1.5%-2.5%	4,025,000	640,000	640,000	--	--	--
Total Contract Revenue Bonds				$117,640,000	$95,376,662	$4,534,975	$95,691,687	$4,087,040	$91,604,647
Total Revenue Bonds and Long-Term Loans Payable					**$114,519,591**		**$114,151,126**		**$108,880,460**

Debt Obligations – Amortization Schedules

DUNLAP WASTEWATER TREATMENT PLANT AMORTIZATION SCHEDULE FOR REGIONS BANK

YR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2018	$105,000	$71,893	$176,893
2019	110,000	68,303	178,303
2020	115,000	64,546	179,546
2021	115,000	60,704	175,704
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
	$2,205,000	$641,696	$2,846,696

REGIONS BANK, RURAL UTILITIES DIVISION LOAN EMERGENCY GENERATORS

YR END AUG 31	CANYON PARK WWTP			DUNLAP WWTP		
	PRINCIPAL	INTEREST	TOTAL	PRINCIPAL	INTEREST	TOTAL
2018	$6,797	$339	$7,136	$7,621	$380	$8,001
2019	7,015	121	7,136	7,866	136	8,002
	$13,812	$ 460	$14,272	$15,487	$ 516	$16,003

Debt Obligations – Amortization Schedules

WELLS FARGO BANK LOAN
GENERATOR, BELT PRESS, TRUCK

YR END AUG 31	DUNLAP WWTP-GENERATOR			WATER SALES-BELT PRESS			WATER SALES-TRUCK		
	PRINC	INT	TOTAL	PRINC	INT	TOTAL	PRINC	INT	TOTAL
2018	$8,463	$3,026	$11,489	$2,941	$1,051	$3,992	$32,637	$11,668	$44,306
2019	8,760	2,729	11,489	3,042	950	3,992	33,780	10,525	44,305
2020	9,067	2,422	11,489	3,151	842	3,992	34,963	9,341	44,304
2021	9,384	2,105	11,489	3,261	731	3,992	36,187	8,115	44,302
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	3,800	27	3,827	1,320	10	1,330	14,663	106	14,769
	$91,566	$15,662	$107,228	$31,815	$5,441	$37,258	$353,087	$60,393	$413,481

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

YR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2018	$247,337	$61,553	$308,890
2019	253,521	55,369	308,890
2020	259,859	49,031	308,890
2021	266,355	42,535	308,890
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
	$2,462,123	$317,886	$2,780,010

Debt Obligations – Amortization Schedules

WATER RIGHT PURCHASE AMORTIZATION SCHEDULE

YREND AUG 31	LULING FOUNDATION PRINCIPAL	LULING FOUNDATION INTEREST	LULING FOUNDATION TOTAL	ABNER USSERY PRINCIPAL	ABNER USSERY INTEREST	ABNER USSERY TOTAL	TOTAL REQ'S
2018	$20,681	$17,619	$38,300	$12,149	$10,351	$22,500	$60,800
2019	21,612	16,688	38,300	12,696	9,804	22,500	60,800
2020	22,584	15,716	38,300	13,267	9,233	22,500	60,800
2021	23,600	14,700	38,300	13,864	8,636	22,500	60,800
2022	24,662	13,638	38,300	14,488	8,012	22,500	60,800
2023	25,772	12,528	38,300	15,140	7,360	22,500	60,800
2024	26,932	11,368	38,300	15,822	6,678	22,500	60,800
2025	28,144	10,156	38,300	16,534	5,966	22,500	60,800
2026	29,410	8,890	38,300	17,278	5,222	22,500	60,800
2027	30,734	7,566	38,300	18,055	4,445	22,500	60,800
2028	32,117	6,183	38,300	18,867	3,633	22,500	60,800
2029	33,562	4,738	38,300	19,717	2,783	22,500	60,800
2030	35,072	3,228	38,300	20,604	1,896	22,500	60,800
2031	36,653	1,647	38,300	21,534	966	22,500	60,800
	$391,535	$144,665	$536,200	$230,015	$84,985	$315,000	$851,200

GENERAL IMPROVEMENT & REFUNDING REVENUE BONDS, SERIES 2011

YR END AUG 31	WATER RIGHT CONTRACT BUYOUT PRINCIPAL	WATER RIGHT CONTRACT BUYOUT INTEREST	WATER RIGHT CONTRACT BUYOUT TOTAL	REFUNDING OFFICE EXPANSION PRINCIPAL	REFUNDING OFFICE EXPANSION INTEREST	REFUNDING OFFICE EXPANSION TOTAL	TOTAL REQ's
2018	$320,000	$203,462.50	$523,463	$200,000	$100,043.76	$300,044	$823,507
2019	330,000	190,662.50	520,663	215,000	92,043.76	307,044	827,707
2020	345,000	177,462.50	522,463	220,000	83,443.76	303,444	825,907
2021	360,000	163,662.50	523,663	230,000	74,643.76	304,644	828,307
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
	$4,895,000	$1,486,706	$6,381,709	$2,485,000	$594,488	$3,079,489	$9,461,198

Debt Obligations – Amortization Schedules

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

YR END AUG 31	PRINCIPAL	INTEREST	TOTAL REQ's
2018	$220,000	$37,603	$257,603
2019	225,000	37,295	262,295
2020	225,000	36,620	261,620
2021	225,000	35,472	260,472
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
	$3,285,000	$359,185	$3,644,185

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

YREND AUG 31	SERIES 2013A BONDS PRINCIPAL	SERIES 2013A BONDS INTEREST	2013A TOTAL	TAXABLE SERIES 2013B BONDS PRINCIPAL	TAXABLE SERIES 2013B BONDS INTEREST	2013B TOTAL	TOTAL REQUIREMENTS
2018	$2,030,000	$2,296,900	$4,326,900	$270,000	$238,494	$508,494	$4,835,394
2019	2,115,000	2,215,700	4,330,700	275,000	233,340	508,340	4,839,040
2020	2,200,000	2,131,100	4,331,100	285,000	224,301	509,301	4,840,401
2021	2,305,000	2,021,100	4,326,100	295,000	214,933	509,933	4,836,033
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
	$47,070,000	$22,183,150	$69,253,150	$5,735,000	$2,397,259	$8,132,259	$77,385,409

Debt Obligations – Amortization Schedules

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

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2018	$585,000	$613,531	$1,198,531
2019	600,000	601,831	1,201,831
2020	625,000	571,833	1,196,833
2021	640,000	557,769	1,197,769
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
	$16,755,000	$7,202,801	$23,957,801

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

	TAXABLE SERIES 2007B BONDS			SERIES 2017 BONDS			
YREND AUG 31	PRINCIPAL	INTEREST	2007B TOTAL	PRINCIPAL	INTEREST	2017 TOTAL	TOTAL REQ's
2018	$105,000	$364,105	$469,105	$290,000	$214,966	$504,966	$974,071
2019	110,000	356,682	466,682	245,000	256,531	501,531	968,213
2020	120,000	348,904	468,904	250,000	251,631	501,631	970,535
2021	130,000	340,421	470,421	260,000	244,131	504,131	974,552
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
	$5,145,000	$5,154,737	$10,304,737	$7,745,000	$3,339,962	$11,078,962	$21,383,699

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
2019	$490,000	$108,756	$598,756
2020	500,000	94,518	594,518
2021	520,000	79,218	599,218
2022	540,000	63,318	603,318
2023	565,000	46,743	611,743
2024	585,000	29,128	614,128
2025	615,000	9,994	624,994
	$3,815,000	$431,675	$4,246,675

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

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

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2018	$90,000	$174,681	$264,681
2019	95,000	172,881	267,881
2020	95,000	170,981	265,981
2021	100,000	169,081	269,081
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
	$4,850,000	$2,537,659	$7,387,659

PORT LAVACA WTP CLEARWELL
FROST NATIONAL BANK

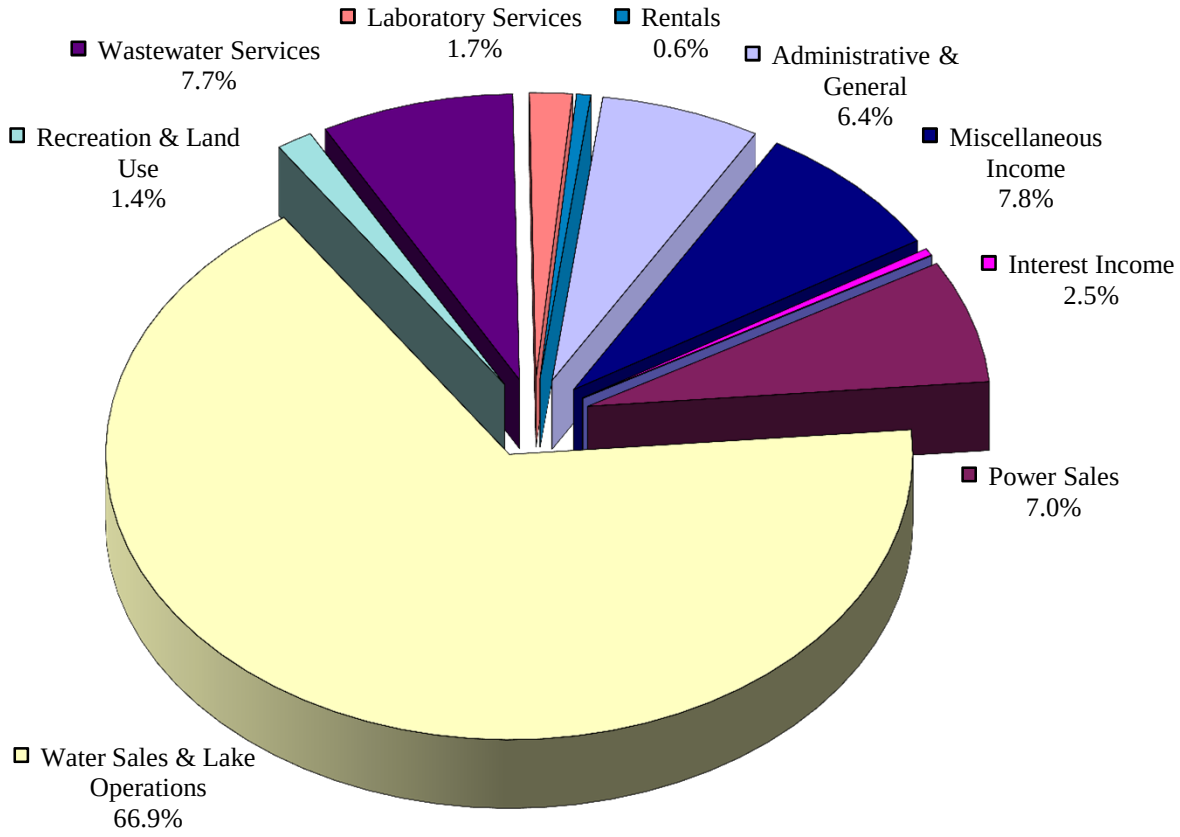
YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2018	$52,040	$9,248	$61,288
2019	54,190	7,098	61,288
2020	56,416	4,872	61,288
2021	58,760	2,528	61,288
2022	30,281	360	30,641
	$251,687	$24,106	$275,793

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

YR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2018	$260,000	$140,933	$400,933
2019	275,000	131,704	406,704
2020	280,000	122,130	402,130
2021	290,000	112,298	402,298
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
	$4,215,000	$1,014,387	$5,229,387

Budget Summary

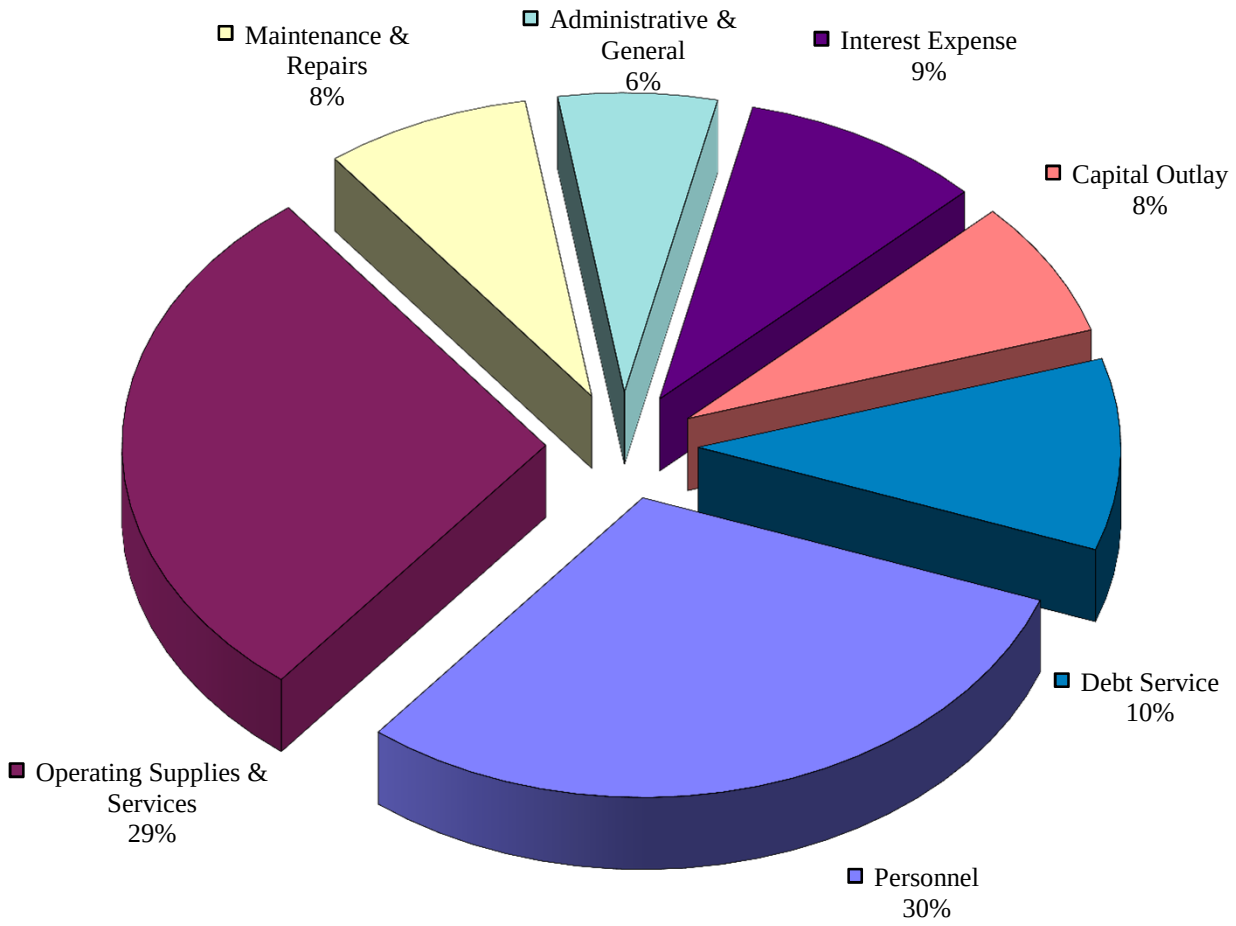
REVENUES



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales	3,980,283	3,858,128	3,969,940
Water Sales & Lake Operations	36,351,389	37,339,353	38,218,680
Recreation & Land Use	752,099	812,000	826,840
Wastewater Services	4,481,510	4,689,649	4,408,460
Laboratory Services	965,329	930,000	975,000
Rentals	312,628	298,280	323,814
Administrative & General	2,943,855	3,314,943	3,653,322
Miscellaneous Income	4,913,006	7,631,014	4,480,779
Total Operating Revenue	**54,700,101**	**58,873,367**	**56,856,835**
Interest Income	365,520	226,792	231,846
Total	**55,065,621**	**59,100,159**	**57,088,681**

Budget Summary

EXPENSES



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	14,381,914	15,496,310	16,818,003
Operating Supplies & Services	17,445,279	16,131,300	16,111,167
Maintenance & Repairs	3,393,746	3,986,031	4,386,719
Administrative & General	2,849,630	3,111,278	3,377,187
Total Operating Expenses	**38,070,568**	**38,724,919**	**40,693,075**
Interest Expense	4,387,176	4,952,491	5,183,598
Capital Outlay	4,382,073	49,340,570	4,115,603
Debt Service	7,287,929	5,407,848	5,767,263
Grand Total Expenses	**54,127,746**	**98,425,829**	**55,759,539**

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	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
POWER SALES:					
120-2412-10000:POWER SALES	1,414,843.21	2,480,583	2,358,368	2,469,940	111,571
021-2412-10100:FACILITY CHARGE	1,500,000.00	1,500,000	1,500,000	1,500,000	
120-2412-10700:CREDIT-OPER. INTEREST EARNINGS	(40.00)	(4)	(240)		240
120-2412-20200:CREDIT INT EARN R&R FUND	(344.15)	(296)			
Total POWER SALES	**2,914,459.06**	**3,980,283**	**3,858,128**	**3,969,940**	**111,811**
WATER SALES & LAKE OPERATIONS:					
131-2413-10100:WATER SALES	4,848,149.09	5,332,008	5,236,360	5,587,670	351,310
131-2413-10200:PLANT O&M EXPENSES	5,511,050.35	5,476,753	5,662,788	5,649,913	(12,875)
131-2413-10300:ADMINISTRATIVE & GENERAL	876,385.91	949,482	979,323	1,063,582	84,259
043-2413-10400:WATER SALES-INEOS NITRILES G.L	152,455.45	193,362	223,582	230,224	6,641
060-2413-10500:R/W-RAW WATER PURCHASE	141,474.06	148,831	156,978	161,254	4,277
060-2413-10600:R/W-WATER TREATMENT	209,255.73	222,073	49,496	50,663	1,167
043-2413-10601:WATER SALES-1ST CROP	1,089.74	139,602	123,500		(123,500)
043-2413-10603:WATER SALES-2ND CROP RICE			10,000		(10,000)
043-2413-10604:WATER SALES-OTHER	887.28	977	18,000	18,000	
043-2413-10605:WATER SALES-SPRINKLER IRRIGAT	8,659.33	4,500	27,000	27,000	
100-2413-10700:CREDIT INTEREST EARNINGS	389,756.86	403,417	427,344	437,330	9,986
060-2413-10800:R/W-PLANT O&M INCOME	3,166.40	3,413	162,061	170,733	8,672
060-2413-10900:R/W-PLANT A&G INCOME	18,678.89	19,461	48,111	49,531	1,419
060-2413-11000:R/W-ADDS. TO PLANT & EQUIP	277,024.12	310,632	339,800	332,574	(7,227)
060-2413-11100:RW-DEBT SERVICE	13,717.20	17,627	42,787	43,795	1,008
043-2413-11200:WATER SALES-CATFISH FARM	52,077.03	49,626	55,933	57,047	1,113
041-2413-11300:W/S UNION CARBIDE	12,958.41	13,458	14,142	14,475	333
043-2413-11400:WATER SALES-EXELON	33,432.50	34,723	36,486	37,346	860
041-2413-11700:W/S STRUCTURAL METALS	90,708.41	94,208	98,992	101,325	2,333
041-2413-11800:W/S NEW BRAUNFELS UTIL.	1,259,550.00	1,308,150	1,374,570	1,406,970	32,400
041-2413-11900:W/S CRYSTAL CLEAR WSC	103,666.71	107,667	113,133	115,800	2,667
041-2413-12000:W/S GOLF CLUB OF SEGUIN	3,239.66	1,115			
041-2413-12100:W/S CANYON REGIONAL W.A.	1,554,896.98	1,608,658	1,680,841	1,700,919	20,078
041-2413-12300:W/S CANYON LAKE W.S.C.	829,166.74	861,167	905,067	926,400	21,333
041-2413-12400:W/S CITY OF SAN MARCOS	1,295,833.41	1,345,833	1,414,167	1,447,500	33,333
041-2413-12600:W/S GUADALUPE POWER,L.P.	864,351.30	889,163	967,290	990,090	22,800
044-2413-12700:W/S CITY OF KYLE	705,322.16	732,537	769,731	787,874	18,143
044-2413-12800:W/S GO FORTH WSC	129,583.41	134,583	141,417	144,750	3,333
044-2413-12900:W/S CITY OF BUDA WTC	319,293.41	331,613	348,451	356,664	8,213
041-2413-13000:W/S CITY OF FAIR OAKS	238,958.38	248,208	261,621	267,788	6,167
041-2413-13100:W/S SAN ANTONIO WTR. SYS.	1,259,154.76	1,287,490	991,084	1,013,341	22,256
041-2413-13200:W/S CITY OF BOERNE	466,420.88	484,476	510,656	522,692	12,037
041-2413-13203:W/S GBRA - COMAL TRACE	10,067.65	12,427	7,071	14,475	7,404
041-2413-13205:W/S SAN JOSE-PARK VILLAGE	41,591.74	43,202	45,536	46,610	1,073
041-2413-13207:W/S JACQUELYN COUSER	12,916.74	13,417	14,142	14,475	333
041-2413-13208:W/S BREMER RANCH, LTD	12,916.74	13,417	14,142	14,475	333

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041-2413-13400:W/S CITY OF BLANCO	77,750.00	80,750	84,850	86,850	2,000
041-2413-13600:W/S FORESIGHT	37,579.21	39,029	41,011	41,978	967
041-2413-13800:W/S CORDILLERA RANCH, LTD.	193,750.00	201,250	212,125	217,125	5,000
041-2413-14000:W/S KENDALL CUC/TAPATIO SPRGS	96,875.00	100,625	106,063	108,563	2,500
041-2413-14200:W/S CITY OF BUDA	217,700.00	226,100	237,580	243,180	5,600
041-2413-14300:W/S D.H.INV-JOHNSON RANCH	116,250.00	120,750	127,275	130,275	3,000
041-2413-14400:W/S GOFORTH SUD	192,085.59	301,922	202,792	324,674	121,883
041-2413-14500:W/S H H RANCH PROPERTIES	32,395.91	33,646	35,354	36,188	833
041-2413-14600:W/S SUNFIELD	350,350.29	261,444	389,179	281,249	(107,929)
041-2413-14601:W/S MONARCH UTILITIES, LP	72,566.71	75,367	79,193	81,060	1,867
041-2413-14800:W/S LERIN DEVELOPMENT CO. INC	96,875.00	100,625	106,063	108,563	2,500
044-2413-16000:SMWTP-MASTER METER CREDIT	(506,852.67)	(586,750)	(561,099)	(590,784)	(29,685)
044-2413-16001:SMWTP CHARGES-KYLE	232,603.86	269,054	278,096	311,796	33,700
044-2413-16002:SMWTP CHARGES-GOFORTH WSC	172,250.56	258,665	194,176	229,692	35,516
044-2413-16003:SMWTP CHARGES-CITY OF BUDA	109,748.52	103,123	102,334	113,808	11,474
044-2413-16004:SMWTP CHARGES-MONARCH WSC	70,231.04	79,746	83,308	91,032	7,724
044-2413-16005:SMWTP CHARGES-SUNFIELD MUD	(7,807.33)	(66,332)			
100-2413-19900:CREDIT-MISC. REVENUE	51,193.93	53,812	112,380	54,918	(57,461)
131-2413-30100:ADDS. TO PLANT AND EQUIP.	557,153.63	534,607	203,810	104,991	(98,819)
100-2413-49900:ADDS TO PLANT & EQUIP-LOCKHAR	89,655.05	25,637			
100-2413-50000:DEBT SERVICE - LU/LO PROJECT	404,711.00	408,572	407,000	408,935	1,935
060-2413-50100:POC-RAW WATER PURCHASES	13,717.20	17,627	16,583	17,588	1,005
060-2413-50200:POC-PLANT O&M INCOME	164,509.46	145,903	148,090	228,439	80,349
060-2413-50300:POC-PLANT A&G INCOME	18,513.43	16,532	17,055	26,289	9,234
060-2413-50400:POC-DEBT SERVICE	65,069.86	37,103	35,079	35,081	2
100-2413-50500:Old-Lu/Lo Debt Coverage Factor	2,249.82	10,254	46,222	34,129	(12,093)
100-2413-50535:DEBT COV. FACTOR-LU/LO PROJECT	40,469.00	40,856	40,704	40,894	190
100-2413-50900:LU/LO TREATMENT PLT CHRGS	408,488.66	401,795	511,645	567,933	56,288
100-2413-51035:W/S-LU/LO DELIVERY SYSTEM	130,097.83	133,501	155,902	143,532	(12,370)
Total WATER SALES & LAKE OPERATIONS	**25,248,037.99**	**26,262,491**	**26,684,366**	**27,281,257**	**596,891**
RECREATION & LAND USE:					
092-2414-10100:RECREATION FEES	611,236.97	666,191	673,000	719,240	46,240
092-2414-10200:HUNTING REVENUES	158,714.15	85,903	139,000	107,600	(31,400)
092-2414-10300:PARK DONATIONS		5			
Total RECREATION & LAND USE	**769,951.12**	**752,099**	**812,000**	**826,840**	**14,840**
WASTEWATER SERVICES:					
130-2415-10100:PLANT O&M EXPENSES	3,496,299.48	3,962,955	4,218,111	4,533,810	315,699
130-2415-10200:ADMINISTRATIVE & GENERAL	152,447.75	150,935	170,391	170,060	(331)
060-2415-10300:POC-PLANT A & G INCOME		1,117			
035-2415-10400:SERVICE FEES-CITY OF SEGUIN	292,721.90	280,420	285,087		(285,087)
130-2415-10700:CREDIT INTEREST EARNINGS	(1,712.69)	(1,884)	(360)	(1,800)	(1,440)
130-2415-19900:CREDIT MISC. REVENUES	(564,859.18)	(590,966)	(300,160)	(300,160)	
130-2415-20000:CREDIT INT ON I & S FUNDS			(450)	(450)	

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130-2415-20100:DEBT SERVICE REQUIREMENTS	637,801.00	650,702	273,330		(273,330)
130-2415-30100:ADDS. TO PLANT AND EQUIP.	58,156.40	28,231	43,700	7,000	(36,700)
Total WASTEWATER SERVICES	**4,070,854.66**	**4,481,510**	**4,689,649**	**4,408,460**	**(281,189)**
LABORATORY SERVICES:					
081-2416-10000:LAB FEES - OPERATING	914,475.52	965,329	930,000	975,000	45,000
Total LABORATORY SERVICES	**914,475.52**	**965,329**	**930,000**	**975,000**	**45,000**
RENTALS:					
043-2417-10000:BUILDING RENTAL	44,532.08	19,701	12,384	12,384	
092-2417-10100:LEASE REVENUES	74,943.75	79,365	80,000	81,000	1,000
092-2417-10200:EQUIP AND BUILDING	18,864.00	11,916	14,080	38,626	24,546
021-2417-10400:RENTALS - AG LEASES	1,513.90	2,014	1,400	1,400	
041-2417-20000:OFFICE EXPAN. BLDG RENTAL	230,463.72	199,632	190,416	190,404	(12)
Total RENTALS	**370,317.45**	**312,628**	**298,280**	**323,814**	**25,534**
ADMIN & GEN INCOME:					
010-2418-10100:A & G - OPERATIONS	2,691,995.63	2,852,247	3,124,101	3,387,369	263,268
010-2418-10300:A & G - PROJECT DEVELOP.	96,643.80	91,609	190,842	265,953	75,111
Total ADMIN & GEN INCOME	**2,788,639.43**	**2,943,855**	**3,314,943**	**3,653,322**	**338,379**
MISCELLANEOUS INCOME:					
044-2440-10000:PASS THROUGH ELEC. COSTS	316,563.68	279,229	379,524	379,524	
044-2440-10001:SM GRNDWTR PASS THRU ELEC CO	93,851.61	122,552	109,186	109,186	
044-2440-10002:PASS THROUGH CHEM COSTS	223,060.63	281,346	307,701	297,734	(9,967)
044-2440-10003:SM GRNDWTR PASS THRU CHEM CO	9,665.31	17,124	15,736	15,736	
044-2440-10004:PASS THROUGH INSURANCE	28,063.23	31,487	41,400	37,100	(4,300)
044-2440-10005:PASS THROUGH L.O.C	8,300.00	9,100	9,332	9,280	(52)
044-2440-10007:PASS THROUGH INSPECTION FEES	47,145.20	61,375	60,000	66,000	6,000
100-2440-10100:SERVICE INCOME-MINI MART	690,169.77	731,478	342,944	359,536	16,592
056-2440-10200:SEWER CONNECT/INSPECT FEE-CO	169,100.00	115,200	193,433	245,525	52,092
051-2440-10400:CAPITAL RECOVERY FEE-BULVERDE		18,389			
053-2440-10500:SERVICE CALL INCOME				26,000	26,000
033-2440-10600:DUNLAP DEVELOPER PAYMENTS	174,000.00			116,000	116,000
059-2440-18000:CHARGES TO DEVELOPERS	(116,599.26)	(170,114)		587,276	587,276
120-2440-19500:RENEWABLE ENERGY CREDIT SALE	5,023.00	16,109	22,000	18,100	(3,900)
092-2440-19600:DONATIONS/SPONSORSHIPS/GRANT			121,000	22,000	(99,000)
060-2440-19643:CAPITAL RECOVRY FEE-CANAL	4,909.00				
060-2440-19670:CAPITAL RECOVRY FEE-RURAL WTR	4,909.00				
021-2440-19700:HYDRO MODIFICATION PERMITS	19,700.00	23,546	21,000	36,000	15,000
092-2440-19800:CONCESSION/EVENTS REVENUE		7,672			
131-2440-19900:MISCELLANEOUS REVENUES	846,180.88	1,763,435	753,904	791,122	37,218
070-2440-30200:CRESTVIEW CONNECTION FEES			5,000	5,000	

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070-2440-30300:WATER CONNECTION FEES	20,190.00	25,485	24,000	24,000	
070-2440-30400:MEMBERSHIP FEES	37,100.00	39,300	28,800	28,800	
Total MISCELLANEOUS INCOME	**2,581,332.05**	**3,372,712**	**2,434,960**	**3,173,919**	**738,959**
INTEREST INCOME:					
131-2420-10000:INT ON OPERATING FUNDS	219,415.37	217,868	161,580	170,500	8,920
131-2420-10001:FAIR VALUE CHG OF INVEST.	(136,284.18)	56,540			
120-2420-10100:INT ON FULLY FUNDED ACCTS	2,156.65	1,572			
120-2420-10101:FAIR VALUE CHG OF INVEST.	(1,635.75)	(1,201)			
021-2420-11000:INT-LK DUNLAP SPECIAL ACCT	3.53	3			
120-2420-15000:INT ON NOW ACCTS	1,488.39	2,438	1,836	1,560	(276)
035-2420-15050:INTEREST ON CITY OF SEGUIN N/R	17,482.65	15,534	14,638		(14,638)
100-2420-20000:INT ON LU/LO OPR FUND	14,888.55	8,700	8,100	7,236	(864)
100-2420-20001:FAIR VALUE CHG OF INVEST.	(8,368.44)	(341)			
130-2420-20100:INT ON I & S FUND	11,289.41	10,955	6,870	9,310	2,440
130-2420-20101:FAIR VALUE CHG OF INVEST.	(4,204.49)	4,452			
041-2420-20500:INT: I&S FUND,OFFICE EXP BOND	110.10	114	120	120	
041-2420-20600:INT: I&S FUND,WCANYON'13 BONDS	467.16	4,648	1,200	1,200	
041-2420-20601:FAIR VALUE CHG OF INVEST.	891.09				
041-2420-20700:INT: I&S FUND,IH35 '13 BONDS	225.77	1,283	720	1,200	480
041-2420-20800:INT: RESERVE FUND,IH35 BONDS	14,302.20	28,426	7,800	15,000	7,200
041-2420-20801:FAIR VALUE CHG OF INVEST.	(12,689.20)	(18,875)			
041-2420-20900:INT:RATE STAB FUND, RRWDS'07	5,078.62	5,355		4,800	4,800
041-2420-20901:FAIR VALUE CHG OF INVEST.	(3,810.01)	(858)			
041-2420-21000:INT: W.CANYON RATE STABILIZ.	12,753.26	22,540	18,000	16,000	(2,000)
041-2420-21001:FAIR VALUE CHG OF INVEST.	(13,456.36)	(1,460)			
041-2420-22000:INT: IH35 RATE STABILIZATION	3,932.67	4,008	1,920	3,195	1,275
041-2420-22001:FAIR VALUE CHG OF INVEST.	(1,018.11)	1,512			
041-2420-25000:INT: MID-BASIN RESERVE (WIF)	1,129.09	2,240	3,960	1,725	(2,235)
041-2420-26000:INT: MID-BASIN I&S	63.56	64	48		(48)
010-2420-35000:INT ON INVEST SAFEKEEPING FUND	16.45	4			
Total INTEREST INCOME	**124,227.98**	**365,520**	**226,792**	**231,846**	**5,054**
GAIN(LOSS) ON SALE OF ASSETS:					
131-2612-00000:GAIN/LOSS ON SALE OF ASSETS	17,391.65	8,594			
Total GAIN(LOSS) ON SALE OF ASSETS	**17,391.65**	**8,594**			
GRANT & OTHER INCOME:					
043-2460-00000:GOVERNMENT GRANTS & STATE FU	672,631.37	1,209,774	708,600	791,383	82,783
041-2460-00002:CLEAN RIVERS PROGRAM FUNDS		155,658	135,378	135,378	
041-2460-00003:ENVIRONMENTAL PROGRAM FUNDS	4,000.00	43,918	387,992	25,200	(362,792)
041-2460-00004:TX DoT PROGRAM FUNDS			1,280,000		(1,280,000)
041-2460-00005:FLOOD DEBRIS/LOG JAM GRANTS			2,209,084	50,000	(2,159,084)
043-2460-20000:CONTRIBUTED BY CUSTOMERS	214,826.00	122,350	475,000		(475,000)

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Total GRANT & OTHER INCOME	**891,457.37**	**1,531,700**	**5,196,054**	**1,001,961**	**(4,194,093)**
CAPITAL CHARGE INCOME:					
050-2480-15401:DEBT SERV REQ-TTHM-BOERNE				26,543	26,543
050-2480-15402:DEBT SERV REQ-TTHM-CLWSC				19,655	19,655
050-2480-15403:DEBT SERV REQ-TTHM-JOHNSON R				8,167	8,167
050-2480-15404:DEBT SERV REQ-TTHM-FAIR OAKS				26,461	26,461
050-2480-15405:DEBT SERV REQ-TTHM-KENDALL W				5,445	5,445
050-2480-15406:DEBT SERV REQ-TTHM-SAWS				197,804	197,804
050-2480-15407:DEBT SERV REQ-TTHM-LERIN HILLS				6,125	6,125
050-2480-15408:DEBT SERV REQ-TTHM-COMAL TRA				2,042	2,042
050-2480-15409:DEBT SERV REQ-TTHM-GBRA CORDI				11,570	11,570
050-2480-15410:DEBT SERV REQ-TTHM-COUSER				544	544
050-2480-15411:DEBT SERV REQ-TTHM-BREMER				544	544
Total CAPITAL CHARGE INCOME				**304,900**	**304,900**
DEBT SERVICE INCOME:					
131-2413-20100:DEBT SERVICE REQUIREMENTS	643,854.00	650,560	649,216	666,043	16,827
060-2413-20101:PL-DEBT SERVICE	217,861.94	56,376			
060-2413-20200:PL-PT. LAVACA RESERVE FD	161,616.60	161,617	161,617	161,617	
060-2413-20400:R/W-DEBT SERVICE	197,950.48	175,140	147,020	147,020	
060-2413-20500:PL-WATER SALES-INT ON LOANS	357,819.96	357,820	357,820	357,820	
060-2413-20600:PL-13% DEBT SERV.LOAN PYMT	110,106.60	110,107	110,107	110,107	
060-2413-20700:PL-CREDIT-INT EARN.I&S FD	109,003.01	180,429	180,556	180,556	
041-2413-20800:DEBT SERV REQ-RRWDS-SUNFIELD	253,137.81	181,813	181,812	181,812	
041-2413-20900:DEBT SERV REQ-RRWDS-MONARCH	37,019.52	37,020	37,020	37,020	
041-2413-21202:DEBT SER REQ-IH35 TWDS-KYLE	542,774.28	542,774	542,775	542,775	
041-2413-21204:DEBT SER REQ-IH35 TWDS-BUDA	167,523.00	167,523	167,523	167,523	
041-2413-21205:DEBT SER REQ-IH35 TWDS-GOFORT	166,535.59	274,990	274,738	274,738	
041-2413-21206:DEBT SER REQ-IH35 TWDS-SUNFLD	385,174.39	276,720	276,747	276,971	224
041-2413-21207:DEBT SER REQ-IH35 TWDS-MONARC	55,841.04	55,841	55,841	55,841	
041-2413-22101:DEBT SERREQ-SMWTP 2016-BUDA				37,048	37,048
041-2413-22102:DEBT SERREQ-SMWTP 2016-KYLE				120,035	120,035
041-2413-22103:DEBT SERREQ-SMWTP 2016-GOFOR				60,758	60,758
041-2413-22104:DEBT SERREQ-SMWTP 2016-SUNFIE				61,252	61,252
041-2413-22105:DEBT SERREQ-SMWTP 2016-MONAR				12,349	12,349
041-2413-30201:DEBT SERV REQ-WC-CANYON LK W	342,971.76	342,972	342,972	342,972	
041-2413-30400:DEBT SERV REQ-W.CANY.DH INVES	85,505.40	92,481	142,509	142,509	
041-2413-30500:DEBT SERV REQ-W.C.-FAIR OAKS R	447,478.32	447,478	461,729	461,729	
041-2413-30600:DEBT SERV REQ-W.C.-KENDAL/TAPA	95,006.04	95,006	95,006	95,006	
041-2413-30700:DEBT SERV REQ-W.CANYON-S.A.W.	3,516,457.71	3,518,010	3,451,568	3,451,568	
041-2413-30901:DEBT SERV REQ-W.CANYON-LERIN	106,881.72	106,882	106,882	106,882	
041-2413-31200:DEBT SERV REQ-GBRA COMAL TR	39,991.68	44,570	35,627	35,627	
041-2413-31500:DEBT SERV REQ-W.C.-GBRA CORD	168,859.03	204,912	201,888	201,888	
041-2413-31600:DEBT SERV REQ-W.C.-J COUSER	9,500.64	9,501	9,501	9,501	

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041-2413-31700:DEBT SERV REQ-W.C.-BREMER RNC	9,500.64	9,501	9,501	9,501	
041-2413-31800:DEBT SERV REQ-WC: BOERNE			463,154	463,154	
Total DEBT SERVICE INCOME	**8,228,371.16**	**8,100,039**	**8,463,126**	**8,771,620**	**308,494**
O&M PIPELINE INCOME:					
041-2413-18000:O&M RRWDS PIPELINE TRANSM.	875,090.87	989,699	1,280,090	1,208,084	(72,006)
041-2413-18100:O&M GPP PIPELINE TRANSM.	555,836.25	595,892	531,009	541,548	10,539
041-2413-18201:O&M IH35 P/L TRNSM-KYLE	132,303.24	168,270	160,946	173,865	12,919
041-2413-18202:O&M IH35 P/L TRNSM-GOFORTH	93,790.10	120,829	112,377	128,083	15,706
041-2413-18203:O&M-IH35 TWDS-BUDA	62,492.86	64,150	59,225	63,461	4,236
041-2413-18205:O&M IH35 P/L TRNSM-MONARCH	39,855.24	50,018	48,214	50,762	2,548
Total O&M PIPELINE INCOME	**1,759,368.56**	**1,988,859**	**2,191,861**	**2,165,803**	**(26,058)**
TOTAL OPERATING REVENUES	**50,678,884.00**	**55,065,621**	**59,100,159**	**57,088,681**	**(2,011,478)**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	1,089,677.75	1,430,940	2,024,404	2,009,031	(15,373)
SUPERVISION	2,604,569.18	2,671,884	2,446,579	2,941,420	494,841
OPERATING LABOR	4,333,376.05	4,611,849	6,415,561	6,926,670	511,109
MAINTENANCE LABOR	1,526,761.44	1,497,906	23,665		(23,665)
Total SALARIES & WAGES	**9,554,384.42**	**10,212,579**	**10,910,208**	**11,877,121**	**966,913**
DIRECTOR'S FEES & EXPENSES:					
010-2512-10001:DIRECTORS' FEES	21,150.00	18,150	27,000	20,000	(7,000)
010-2512-10002:DIRECTORS' EXPENSES	33,693.57	24,974	25,500	30,000	4,500
010-2512-10005:DIRECTORS' ADM. EXPS.	10,671.30	4,341	18,000	15,000	(3,000)
Total DIRECTOR'S FEES & EXPENSES	**65,514.87**	**47,465**	**70,500**	**65,000**	**(5,500)**
EMPLOYEE EXPENSES & BENEFITS:					
131-2512-20000:EMPLOYEES' TRAVEL	104,170.43	122,850	127,913	132,916	5,003
041-2512-20001:TRAVEL-LEGIS.ADVOCACY	355.54	361			
041-2512-20002:TRAVEL - WATER QUALITY	2,193.91	1,580			
041-2512-20003:TRAVEL EXP - NWRA	29,247.53	27,212	15,000	17,500	2,500
041-2512-20004:TRAVEL EXP - TWCA	22,155.62	26,511	19,000	17,500	(1,500)
042-2512-20005:TRAVEL-SAMPLE PICKUP	1,041.77	721	3,000	2,000	(1,000)
131-2512-30000:EMPLOYEE BENEFITS	3,406,039.24	3,990,100	4,418,730	4,770,966	352,236

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Total EMPLOYEE EXPENSES & BENEFITS	**3,565,204.04**	**4,169,335**	**4,583,643**	**4,940,882**	**357,239**
OPERATING SUPPLIES & SERVICES:					
131-2513-10000:TRUCK OPERATING EXPENSES	217,466.24	189,587	266,352	262,574	(3,778)
092-2513-10002:AUTO OPERATING EXPENSES	21,260.42	15,911			
120-2513-12001:BUILDING RENTAL	255,711.72	231,996	225,716	295,589	69,873
131-2513-12002:EQUIPMENT RENTAL	7,100.01	11,066	17,954	6,774	(11,180)
070-2513-12003:RIGHT-OF-WAY RENTALS	10,292.74	10,538	10,800	11,400	600
041-2513-12004:OFFICE RENTAL & EXPENSES	24,540.06	22,440	8,500	8,500	
041-2513-14000:SAN ANTONIO BAY FOUNDATION EX	22,144.42	23,916	25,000	25,000	
041-2513-14100:GUADALUPE RIVER FOUNDATION EX	3,295.00	379	3,000	3,000	
041-2513-14200:GORGE PRESERVATION SOCIETY			16,500	25,000	8,500
041-2513-15000:ECONOMIC DEVELOPMENT	62,296.97	67,302	75,000	85,000	10,000
041-2513-15100:GBR TRUST EXPENSE	44,445.01	58,831	40,000	40,000	
092-2513-16000:PUBLIC INFORMATION	22,430.14	21,871	28,378	27,530	(848)
010-2513-16007:LEGISLATIVE ADVOCACY	5,000.00	2,500	2,500		(2,500)
041-2513-16008:GOVERNMENT RELATIONS			5,000	5,000	
041-2513-16012:CHAMBER OF COMMERCE	25,061.91	25,888	35,000	25,000	(10,000)
041-2513-16013:PC-MEDIA EXPENSES	3,314.59	5,112	8,000	8,000	
041-2513-16014:PC-ED/CONSV PROJ.MATERIAL	19,482.07	34,778	35,000	40,000	5,000
041-2513-16016:PC-COMMUNITY REL/SPONSORS	18,587.95	16,400	15,000	15,000	
041-2513-16018:PC-SPECIAL PROJECTS	25,121.52	28,890	32,000	60,000	28,000
010-2513-16020:PC-ANNUAL FINANCIAL REPORT	21,785.27	16,573	20,000	20,000	
041-2513-16021:PC-RIVER RUN MAGAZINE	17,708.84	11,252	15,000	20,000	5,000
041-2513-16024:PC-PECAN FEST	10,238.90	8,720	8,500	8,000	(500)
010-2513-16025:PC-PROMOTIONAL MATERIAL	4,358.34	4,727	7,500	10,000	2,500
010-2513-16026:PC-GBRA HISTORY PROJECT		166			
131-2513-17000:DUES AND MEMBERSHIPS	46,229.32	41,976	41,710	40,470	(1,240)
021-2513-17001:DUES-LEGISLATIVE ADVOCACY	850.00		3,000	5,000	2,000
131-2513-18000:PUBLICATIONS AND BOOKS	18,779.29	15,586	16,610	9,890	(6,720)
131-2513-19000:SMALL TOOLS EXPENSE	41,415.69	43,662	29,290	28,740	(550)
131-2513-20000:TRACTORS AND EQUIPMENT	26,013.53	16,568	42,064	52,820	10,756
091-2513-20100:BOAT OPERATING			324	924	600
010-2513-20200:EMPLOYEE RELATIONS	38,874.69	52,085	20,000	20,000	
010-2513-20300:EMP VOLUNTEER PROGRAM	24,959.55	22,254	20,000	35,000	15,000
055-2513-20400:WATER METERS	38,249.60	41,271			
010-2513-20500:OUTREACH PROGRAM	154.65				
131-2513-21000:UNIFORMS AND LAUNDRY	62,187.69	68,914	66,746	69,454	2,708
131-2513-22000:PROCESS/SPECIAL OPERATING	181,006.86	161,846	499,880	892,840	392,960
070-2513-22001:TRANSMISSION CHARGES	43,310.00	46,255	56,160	50,000	(6,160)
131-2513-22002:BIOSOLIDS DISPOSAL COSTS	464,354.24	999,132	558,000	603,092	45,092
042-2513-22003:OUTSOURCED LAB ANALYSES	47,965.19	68,477	30,000	90,000	60,000
131-2513-23000:BAD DEBT EXPENSE	2,898.46	3,967	5,800	2,700	(3,100)
100-2513-24000:GAUGING/MONITORING	201,427.12	184,163	236,648	250,544	13,896
130-2513-25000:PRETREATMENT EXPENSES	38.90				
131-2513-27000:TRAINING EXPENSES	59,611.92	73,663	126,436	132,672	6,236

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042-2513-27001:LAB EMPLOYEE RETENTION EXPENS		400	1,000		(1,000)
131-2513-29000:SAFETY & EMERG. EXPENSES	80,549.76	86,002	80,010	91,680	11,670
120-2513-29100:SAFETY BOOTS & GLASSES	2,418.04	2,470	1,500	1,000	(500)
131-2513-29200:SECURITY EXPENSE	13,642.80	28,388	32,872	49,238	16,366
131-2513-30000:POWER AND UTILITIES	1,639,997.38	1,592,171	1,858,164	1,767,134	(91,030)
091-2513-30001:PUMP STATION POWER/UTILIT	139,574.65	54,818	44,000	44,292	292
092-2513-30002:PARK POWER AND UTILITIES	43,254.20	34,038	45,000	39,000	(6,000)
041-2513-30003:POWER/UTIL-RRWDS PIPELINE	595,241.85	704,443	705,000	700,000	(5,000)
041-2513-30004:POWER/UTIL-GPP PIPELINE	123,371.08	133,215	158,000	160,000	2,000
041-2513-30005:POWER/UTIL-IH35 PIPELINE	204,316.09	189,743	220,000	237,000	17,000
050-2513-30006:POWER & UTILITIES-RAW WATER	762,027.69	704,021	800,000	675,000	(125,000)
050-2513-30007:POWER & UTILITIES-AMMAN RD	162,719.79	165,415	160,000	200,000	40,000
050-2513-30008:POWER & UTILITIES-FM3351	8,757.98	10,236	10,000	10,000	
100-2513-30020:POWER/UTIL-LULING HIGH SERVICE	32,732.88	36,975	40,064	32,209	(7,855)
100-2513-30035:POWER/UTIL-LU/LO PROJECT	65,803.86	64,733	75,086	69,848	(5,238)
130-2513-30100:AUXILLARY POWER EXPENSE	16,873.99	13,696	31,988	47,961	15,973
092-2513-30200:HDQTRS POWER & UTILITIES	7,453.12	6,669	7,600	7,200	(400)
092-2513-30300:GROUP SHELTER POWER&UTIL	1,069.29	1,002	900	900	
092-2513-30400:SHOP/WELL PUMP UTILITIES	595.40	639	640	640	
044-2513-30500:SM GROUNDWATER POWER/UTILITI	91,899.41	126,569	109,186	109,186	
070-2513-40000:OPERATING CHEMICALS	41,412.00	46,205	29,500	37,800	8,300
131-2513-40100:CHLORINE	108,354.46	117,564	149,213	148,412	(801)
044-2513-40101:CHLORINE SM GROUNDWATER	9,544.75	17,468	15,736	15,736	
130-2513-40200:ACTIVATED CARBON			2,400	2,400	
130-2513-40300:LIME			120	120	
130-2513-40400:SULFUR DIOXIDE	2,076.54	3,470	3,624	3,480	(144)
131-2513-40600:FLOURIDE		14,539	924	12,075	11,151
044-2513-40601:FLOURIDE SM GROUNDWATER	424.42				
060-2513-40700:POTASSIUM PERMANGANATE	4,695.85		2,400	2,400	
131-2513-40800:AMMONIA	32,890.05	30,192	39,344	41,216	1,872
100-2513-40900:ALUM/FERRIC	767,310.41	836,013	755,875	775,351	19,476
131-2513-40902:POLYMER	42,679.18	32,271	59,017	44,756	(14,261)
050-2513-41000:SODIUM BISULFATE	19,999.23	26,123	22,000	26,000	4,000
100-2513-41100:FLUOSILICIC ACID	12,180.09	12,131		8,040	8,040
044-2513-41200:FERROUS CHLORIDE			1,200		(1,200)
046-2513-41300:SODIUM CHLORITE			67,159	67,159	
050-2513-41400:SODIUM HYDROXIDE	4,417.78	18,090	20,000	15,000	(5,000)
131-2513-41700:ORTHOPHOSPHATE	26,499.00	30,036	33,000	33,000	
131-2513-41800:CAUSTIC	13,260.46	8,611			
050-2513-41900:SODIUM HYPOCHLORITE	28,922.41	63,476	30,000	35,000	5,000
131-2513-50000:LAB SUPPLIES & EXPENSES	376,164.65	422,936	419,052	422,248	3,196
042-2513-50100:WATER CONDITIONING	7,261.25	5,064	6,800		(6,800)
042-2513-50200:FREIGHT EXPENSES	9,973.18	9,535	12,000	7,500	(4,500)
042-2513-50300:APPARATUS EXPENSES	5,671.74	3,740	5,000		(5,000)
042-2513-50400:CHEMICAL EXPENSES	115,270.34	113,949	130,000	140,000	10,000
042-2513-50401:GAS CYLINDERS EXPENSES	5,996.57	4,477	4,000	5,000	1,000
042-2513-50402:PT EXPENSES	3,687.60	4,700	5,500	4,000	(1,500)

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042-2513-50500:HAZ. WASTE DISPOSAL EXPENSES	5,897.39	4,394	7,000	9,000	2,000
050-2513-50600:C.I.P. DISPOSAL EXPENSES	2,887.65	404,329	105,000	250,000	145,000
042-2513-51000:NELAP - ACCREDIATION FEES	2,285.00	2,285	3,000	3,000	
042-2513-51001:NELAP - PROFESSIONAL SERVICES	3,500.00		5,000	2,500	(2,500)
131-2513-60000:PROFESSIONAL FEES	1,138,307.13	1,327,468	945,875	1,482,075	536,200
041-2513-60001:PROF FEES-LEGIS. ADVOC.	257,436.17	259,195	109,000	144,250	35,250
041-2513-60003:PROF FEES-PUBLIC COMMUNICATIO	114,999.96	115,000			
041-2513-60004:PROF FEES-EAA HABITAT CONSERV			400,000	400,000	
041-2513-60005:PROF FEES-TWDB FLOOD MATCHIN				50,000	50,000
120-2513-61000:CONTRACT LABOR	57,466.04	52,503	54,020	54,800	780
041-2513-62000:RRWDS PIPELINE EXP	50,487.82	28,294	51,435	53,900	2,465
041-2513-62300:MOBILE PRESS EXP			2,400	2,400	
041-2513-62400:IH35 PIPELINE EXP	13,974.38	19,791	25,800	25,800	
041-2513-62500:GPP PIPELINE EXP	4,045.50	3,972	19,350	20,300	950
100-2513-62535:OPER EXP-LU/LO PROJECT	1,650.00	4,060	2,250	2,250	
041-2513-63000:GV RECREATION EXP	10,498.76	10,859	12,500	15,500	3,000
041-2513-63500:LAKEWOOD RECREATION EXP	47,002.06	38,519	54,052	64,989	10,937
070-2513-64000:CRESTVIEW EXPENSES	23,697.38	24,452	32,400	33,600	1,200
052-2513-64050:CORDILLERA PLANT EXPENSES	520.21	748	1,000		(1,000)
041-2513-64100:KENDALL CO. ALERT EXP	117.07	324			
041-2513-64200:KERR CO. ALERT SYS. EXP	130.72				
131-2513-65000:INSPECTION/TESTING FEES	121,463.64	124,559	147,614	159,284	11,670
131-2513-66000:SB. 818 ASSESSMENT-TCEQ	35,365.00	35,365	50,200	26,240	(23,960)
120-2513-67000:ERCOT EXPENSES		1,200			
120-2513-68000:WATERMASTER PAYMENT	153,604.33	160,017	156,947	188,720	31,773
120-2513-69000:FALLING WATER CHARGES	11,894.11	32,011	27,000	27,000	
131-2513-70000:COMMUNICATIONS	115,693.43	134,424	120,904	136,392	15,488
131-2513-80000:OFFICE SUPPLIES & EXPENSES	109,809.58	123,921	117,185	109,984	(7,201)
131-2513-80200:COMPUTER SUPPLIES & SERVICE	151,149.06	194,610	245,829	246,345	516
010-2513-80300:KITCHEN & JANITORIAL SERVICES	9,308.06	12,758	26,500	20,000	(6,500)
120-2513-80400:KITCHEN & JANITOR SUPPLY	6,253.87	7,167	1,530	1,000	(530)
021-2513-80401:WAREHOUSE & JANITOR SERV	3,900.00	3,900	4,000	4,000	
010-2513-80500:POSTAL EXPENSES	9,539.64	7,588	10,000	10,000	
041-2513-80600:REPRODUCTION/DUPLICATING	37,971.97	33,437	43,500	45,500	2,000
010-2513-80700:OFFICE DECOR	4,146.28	2,083			
010-2513-80800:RECORDS MANAGEMENT	13,666.45	7,519	17,200	17,200	
010-2513-80900:GRAPHICS SUPPLIES	6,245.90	7,548	6,000	6,000	
021-2513-81000:SOFTWARE EXPENSES	21,467.69	25,305			
042-2513-81200:COMPUTER-LIMS EXPENSE	335.35	11,975	10,000	20,000	10,000
131-2513-81500:BANK SERVICE FEES	40,021.02	47,199	55,250	47,700	(7,550)
044-2513-81501:SM LETTER OF CREDIT	8,300.00	9,100	9,332	9,280	(52)
092-2513-82000:CONCESSIONS & SPECIAL EVENT	11,320.02	16,856	16,640	28,120	11,480
059-2513-82100:ADMIN FEES-Canyon Lake WSC		3,799	2,000	8,000	6,000
131-2513-90000:INSURANCE EXPENSE	565,497.42	597,510	660,700	633,800	(26,900)
092-2513-95000:CASH OVER/SHORT	(126.60)	(117)			
131-2513-99900:MISCELLANEOUS EXPENSES	72,057.51	263,587	102,492	113,467	10,975

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Total OPERATING SUPPLIES & SERVICES	**11,014,747.01**	**12,584,408**	**12,509,147**	**13,846,890**	**1,337,743**
MAINTENANCE & REPAIR					
MATERIAL:					
131-2520-20001:M&R/MAT- GROUNDSKEEPING	69,374.13	48,497	41,708	52,608	10,900
131-2520-20002:M&R/MAT- GEN. OFFICE BLDG	22,778.93	24,922	20,084	22,300	2,216
131-2520-20003:M&R/MAT- STORAGE TANKS	85,603.28	58,339	94,148	74,488	(19,660)
131-2520-20004:M&R/MAT- CHEM FEED EQUIP	19,779.69	43,355	59,800	69,120	9,320
130-2520-20005:M&R/MAT- INSTRUMENTATION	55,910.04	67,318	58,110	59,016	906
131-2520-20006:M&R/MAT- MOTORS	13,196.97	23,285	55,764	59,224	3,460
131-2520-20007:M&R/MAT- CLARIFIERS	30,734.40	20,512	67,866	137,766	69,900
131-2520-20008:M&R/MAT- CHLORINATION	10,860.51	11,471	27,848	21,813	(6,035)
131-2520-20009:M&R/MAT- TOOLS & EQUIP.	60,751.41	43,858	54,796	64,358	9,562
131-2520-20010:M&R/MAT- METERS	71,858.38	98,188	119,797	116,244	(3,553)
131-2520-20011:M&R/MAT- GATES & VALVES	19,918.44	14,165	58,016	61,800	3,784
131-2520-20012:M&R/MAT- TRUCKS	30,522.68	49,956	35,764	35,220	(544)
130-2520-20013:M&R/MAT- NON/POTABLE WS	20,114.60	52,404	64,504	79,756	15,252
131-2520-20014:M&R/MAT- PUMPS	68,483.38	41,940	51,204	60,404	9,200
131-2520-20015:M&R/MAT- PROCESS UNIT CLEANIN	3,445.22	11,143	17,380	19,900	2,520
130-2520-20016:M&R/MAT- MOTORS	10,294.01	3,523	20,942	18,052	(2,890)
131-2520-20017:M&R/MAT- ROADS	7,017.95	26,734	21,450	13,786	(7,664)
131-2520-20018:M&R/MAT- SAFETY WORK	15,024.58	11,290	10,400	7,800	(2,600)
131-2520-20019:M&R/MAT- NON-POT WTR SYS.	5,814.34	8,750	6,952	5,460	(1,492)
131-2520-20020:M&R/MAT- POTABLE WTR SYS.	17,738.45	4,467	10,260	13,670	3,410
131-2520-20021:M&R/MAT- RADIO EQUIP.	9,051.76	6,606	9,100	8,600	(500)
131-2520-20022:M&R/MAT- STRUCTURE MAINT.	7,611.83	11,779	19,376	17,056	(2,320)
130-2520-20023:M&R/MAT- U.V.DISINFECTION	70,802.61	64,544	80,226	82,236	2,010
131-2520-20024:M&R/MAT- ELECTRICAL	31,563.03	11,748	130,768	179,460	48,692
131-2520-20025:M&R/MAT- AERATION	28,003.85	34,104	57,612	74,548	16,936
131-2520-20026:M&R/MAT- WELLS	60,145.63	70,645	45,804	46,204	400
131-2520-20027:M&R/MAT- WATER LINE	28,886.36	14,618	14,064	13,574	(490)
131-2520-20028:M&R/MAT- INSTRUMENTATION	2,343.11	1,177	2,040	2,400	360
092-2520-20029:M&R/MAT- CAMPING CABINS	1,930.35	4,020	3,540	3,840	300
130-2520-20030:M&R/MAT- GEN. OFFICE BLDG	1,431.77	839	2,570	2,090	(480)
120-2520-20031:M&R/MAT- MOW PROPERTIES	16.86	645	1,000		(1,000)
120-2520-20032:M&R/MAT- POISON PROPERTIE	2,373.45	1,397	120		(120)
120-2520-20033:M&R/MAT- ROADS & BRIDGES	2,575.55	7,771	480	480	
120-2520-20034:M&R/MAT- FENCES	3,344.30	4,194	1,620	3,680	2,060
120-2520-20035:M&R/MAT- CLEAN PROPERTIES	1,003.44	334	2,640	3,040	400
092-2520-20036:M&R/MAT- FISHERY & WILDLIFE	1,896.25	914	1,560	2,100	540
092-2520-20037:M&R/MAT- UNIT 96		134	240		(240)
120-2520-20040:M&R/MAT- PENSTK CONDUIT I	1,340.16	31,750	2,000	23,800	21,800
120-2520-20041:M&R/MAT- TURBINE INSPECTI	7,129.29	3,787	2,340	840	(1,500)
130-2520-20042:M&R/MAT- GENERATOR	5,271.88	6,029	7,408	3,200	(4,208)
120-2520-20043:M&R/MAT- TURBINE/GOVERNOR	28,597.02	38,476	25,500	28,600	3,100

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120-2520-20044:M&R/MAT- DISSOLVED OXYGEN	821.97	1,278	700	700	
120-2520-20045:M&R/MAT- SWITCHGEAR	16,249.65		13,000	13,200	200
120-2520-20046:M&R/MAT- WEIR		445	200	200	
050-2520-20047:M&R/MAT- MEMBRANE SYSTEM	26,362.32	20,604	55,000	50,000	(5,000)
050-2520-20048:M&R/MAT- FLOC	1,445.96	1,536	1,500	1,500	
043-2520-20049:M&R/MAT- UNIT 49	1,546.95	113			
043-2520-20050:M&R/MAT- UNIT 50		101			
120-2520-20051:M&R/MAT- CONTROL SYSTEM	11,853.87	19,175	17,200	17,200	
120-2520-20052:M&R/MAT- COMMUNICATION SY	133.15	1,760			
043-2520-20053:M&R/MAT- UNIT 53	85.10	260	100		(100)
043-2520-20054:M&R/MAT- UNIT 54		246			
130-2520-20055:M&R/MAT- SAFETY WORK	1,251.30	182	3,000	4,080	1,080
043-2520-20056:M&R/MAT- CASE BACKHOE	1,065.34	1,323			
043-2520-20057:M&R/MAT- ALL TERRAIN VHCL	989.39	72			
120-2520-20060:M&R/MAT- SUBSTATIONS	4,862.43	1,901	25,600	25,200	(400)
120-2520-20061:M&R/MAT- TRANS. LINES	4,490.48	531	2,000	5,000	3,000
043-2520-20062:M&R/MAT- WYLIE TRACTR SPRA	2.96				
043-2520-20063:M&R/MAT- BIG TRACTOR	2,710.58	193			
043-2520-20064:M&R/MAT- SHREDDERS	905.02	188			
050-2520-20069:M&R/MAT- R.W. PUMP STATION	10,551.52	5,137	12,000	12,000	
021-2520-20070:M&R/MAT- SMALL EQUIPMENT	3,588.50	4,013	2,000	5,000	3,000
021-2520-20071:M&R/MAT- TRACTORS	2,753.89	181	200	2,000	1,800
021-2520-20072:M&R/MAT- HEAVY EQUIPMENT	1,522.29	1,453	5,000	5,000	
021-2520-20073:M&R/MAT- LIGHT TRUCKS	1,667.13	1,069	1,000	2,000	1,000
021-2520-20074:M&R/MAT- LARGE TRUCKS	3,508.02	1,289	500	1,000	500
021-2520-20075:M&R/MAT- TRAILERS	450.69	318	1,000	1,000	
055-2520-20076:M&R/MAT- WATER SYSTEM	20,731.20	21,191	25,000	25,000	
055-2520-20077:M&R/MAT- WATER WELL	1,385.23	46	800	1,000	200
050-2520-20079:M&R/MAT- T.W. PUMP STATION	6,919.98	1,641	8,000	6,000	(2,000)
043-2520-20081:M&R/MAT- WEST CANAL	19.84	4			
120-2520-20085:M&R/MAT- STRUCTURAL	80.97				
043-2520-20086:M&R/MAT- E. MAIN CANAL		2,887			
050-2520-20088:M&R/MAT- R.W. TRANS. LINE			2,000	2,000	
050-2520-20089:M&R/MAT- T.W. TRANS. LINE	1,104.94	5,020	6,000	6,000	
021-2520-20090:M&R/MAT- RADIO EQUIPMENT	927.80				
053-2520-20092:M&R/MAT- SEWER PUMP	121,878.24	105,950	30,000	51,375	21,375
059-2520-20093:M&R/MAT- SEWER LINE	5,758.76	924	4,000	5,500	1,500
055-2520-20094:M&R/MAT- DISTRIBUTION SYSTEM	15,591.55	8,337	19,000	12,000	(7,000)
059-2520-20095:M&R/MAT- MAINT EXPENSES	13,570.14	22,590	12,500	60,000	47,500
131-2520-20099:M&R/MAT- OTHER	286.62	2,846	6,570	6,140	(430)
Total MATERIAL	**1,221,613.67**	**1,214,432**	**1,560,671**	**1,808,628**	**247,957**
SERVICES:					
131-2520-30001:M&R/SER- GROUNDSKEEPING	208,313.48	260,954	190,568	219,184	28,616
131-2520-30002:M&R/SER- GEN. OFFICE BLDG	351,861.36	290,973	62,720	66,400	3,680
131-2520-30003:M&R/SER- STORAGE TANKS	38,703.77	18,961	44,454	50,804	6,350

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131-2520-30004:M&R/SER- CHEM FEED EQUIP	5,926.02	45,104	66,489	67,589	1,100
130-2520-30005:M&R/SER- INSTRUMENTATION	79,501.47	184,604	273,039	195,774	(77,265)
131-2520-30006:M&R/SER- MOTORS	15,967.92	24,080	34,588	43,948	9,360
131-2520-30007:M&R/SER- CLARIFIERS	26,183.80	32,354	98,340	50,820	(47,520)
131-2520-30008:M&R/SER- CHLORINATION	42,684.79	17,982	23,414	48,894	25,480
131-2520-30009:M&R/SER- TOOLS & EQUIP.	33,564.62	63,291	73,790	90,000	16,210
131-2520-30010:M&R/SER- METERS	53,561.35	155,843	269,792	183,264	(86,528)
131-2520-30011:M&R/SER- GATES & VALVES	37,768.83	30,102	119,456	179,456	60,000
131-2520-30012:M&R/SER- TRUCKS	47,632.95	70,439	106,386	93,596	(12,790)
130-2520-30013:M&R/SER- NON/POTABLE WS	50,299.74	99,000	143,642	155,730	12,088
131-2520-30014:M&R/SER- PUMPS	78,232.13	78,896	75,136	79,196	4,060
131-2520-30015:M&R/SER- PROCESS UNIT CLEANIN	15,319.99	3,484	16,510	9,520	(6,990)
130-2520-30016:M&R/SER- MOTORS	35,007.21	10,837	24,642	163,072	138,430
131-2520-30017:M&R/SER- ROADS	36,687.91	67,384	65,320	56,320	(9,000)
131-2520-30018:M&R/SER- SAFETY WORK	25,082.04	24,915	11,658	5,058	(6,600)
131-2520-30019:M&R/SER- NON-POT. WTR SYS	4,785.53	34,782	2,860	2,260	(600)
131-2520-30020:M&R/SER- POTABLE WTR SYS.	34,402.12	7,350	12,780	29,940	17,160
131-2520-30021:M&R/SER- RADIO EQUIP.	10,938.28	6,648	13,060	14,000	940
131-2520-30022:M&R/SER- STRUCTURE MAINT.	11,283.07	19,236	27,024	23,680	(3,344)
130-2520-30023:M&R/SER- U.V.DISINFECTION	41,159.11	80,909	63,172	62,972	(200)
131-2520-30024:M&R/SER- ELECTRICAL	60,175.92	25,656	44,856	41,116	(3,740)
131-2520-30025:M&R/SER- AERATION	49,102.07	65,868	43,354	61,450	18,096
131-2520-30026:M&R/SER- WELLS	99,893.92	76,828	62,690	64,600	1,910
131-2520-30027:M&R/SER- WATER LINE	11,758.46	14,108	10,034	12,398	2,364
131-2520-30028:M&R/SER- INSTRUMENTATION	3,209.32	1,405	1,800	1,800	
092-2520-30029:M&R/SER- CAMPING CABINS	1,004.60	472	2,280	1,800	(480)
131-2520-30030:M&R/SER- GEN. OFFICE BLDG	41,954.63	45,118	39,886	43,600	3,714
120-2520-30031:M&R/SER- MOW PROPERTIES	66,650.78	76,947	60,000	65,000	5,000
120-2520-30032:M&R/SER- POISON PROPERTIE	105.00	2,510			
120-2520-30033:M&R/SER- ROADS & BRIDGES	1,324.18	1,743	1,500	1,500	
120-2520-30034:M&R/SER- FENCES	753.50	562		1,500	1,500
120-2520-30035:M&R/SER- CLEAN PROPERTIES	10,900.88	19,705	9,590	12,590	3,000
092-2520-30037:M&R/SER- UNIT 96			360		(360)
120-2520-30040:M&R/SER- PENSTK CONDUIT I	6,728.66	1,677	5,500	3,000	(2,500)
120-2520-30041:M&R/SER- TURBINE INSPECTI	3,224.62	4,245	5,020	3,240	(1,780)
130-2520-30042:M&R/SER- GENERATOR	11,444.83	18,436	17,100	6,000	(11,100)
120-2520-30043:M&R/SER- TURBINE/GOVERNOR	5,009.80	13,815	7,000	6,000	(1,000)
120-2520-30044:M&R/SER- DISSOLVED OXYGEN	1,409.59	1,139	13,000	13,000	
120-2520-30045:M&R/SER- SWITCHGEAR	1,750.00	8,539	11,000	11,000	
120-2520-30046:M&R/SER- WEIR		3,300			
050-2520-30047:M&R/SER- MEMBRANE SYSTEM	25,023.95	34,224	15,000	20,000	5,000
050-2520-30048:M&R/SER- FLOC			500	500	
043-2520-30049:M&R/SER- UNIT 49	1,642.02	1,931			
043-2520-30050:M&R/SER- UNIT 50		2,512			
120-2520-30051:M&R/SER- CONTROL SYSTEM	4,179.62	7,837	34,800	40,800	6,000
120-2520-30052:M&R/SER- COMMUNICATION SY	925.40	1,991			
043-2520-30053:M&R/SER- UNIT 53	1,105.11	686			

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130-2520-30055:M&R/SER- SAFETY WORK		7	2,160	4,560	2,400
043-2520-30056:M&R/SER- CASE BACKHOE		1,283			
043-2520-30057:M&R/SER- ALL TERRAIN VHCL	396.64				
120-2520-30060:M&R/SER- SUBSTATIONS	20,227.31	3,625	40,000	38,000	(2,000)
120-2520-30061:M&R/SER- TRANS. LINES	14,199.52	11,500	35,000	40,000	5,000
043-2520-30062:M&R/SER- WYLIE TRACTR SPRA			2,000		(2,000)
043-2520-30063:M&R/SER- BIG TRACTOR		600			
050-2520-30069:M&R/SER- R.W. PUMP STATION	17,485.56	4,232	40,000	40,000	
021-2520-30070:M&R/SER- SMALL EQUIPMENT	6,063.74	8,385	7,000	7,000	
021-2520-30071:M&R/SER- TRACTORS	991.16	1,779	400	3,000	2,600
021-2520-30072:M&R/SER- HEAVY EQUIPMENT	1,046.10	783	4,000	3,000	(1,000)
021-2520-30073:M&R/SER- LIGHT TRUCKS	12,394.59	13,362	10,000	10,000	
021-2520-30074:M&R/SER- LARGE TRUCKS	14,202.08	8,535	5,000	5,000	
021-2520-30075:M&R/SER- TRAILERS	116.25	574	1,000	2,000	1,000
055-2520-30076:M&R/SER- WATER SYSTEM	3,130.00	2,635	4,000	4,000	
055-2520-30077:M&R/SER- WATER WELL	405.75	2,292	5,000	5,000	
050-2520-30079:M&R/SER- T.W. PUMP STATION	18,579.28	2,870	5,000	5,000	
120-2520-30085:M&R/SER- STRUCTURAL		14,931			
050-2520-30088:M&R/SER- R.W. TRANS LINE		3,905	5,500	5,500	
050-2520-30089:M&R/SER- T.W. TRANS LINE		2,279	4,000	4,000	
021-2520-30090:M&R/SER- RADIO EQUIPMENT	4,590.60	3,539			
056-2520-30091:M&R/SER- SEWER TANK PUMPING	384,210.24		1,000	1,000	
053-2520-30092:M&R/SER- SEWER PUMP	4,445.11		8,000	10,000	2,000
059-2520-30093:M&R/SER- SEWER LINE		961	3,500	5,500	2,000
055-2520-30094:M&R/SER- DISTRIBUTION SYSTEM		3,278	5,000	45,000	40,000
059-2520-30095:M&R/SER- MAINT EXPENSES	3,602.01	4,907	13,000	15,000	2,000
131-2520-30099:M&R/SER- OTHER	14,643.99	23,674	20,690	23,160	2,470
Total SERVICES	**2,214,874.28**	**2,179,314**	**2,425,360**	**2,578,091**	**152,731**
CREDITS:					
130-2522-10000:EQUIPMENT USE CREDITS	(108,507.73)	(106,288)	(48,000)	(48,000)	
Total CREDITS	**(108,507.73)**	**(106,288)**	**(48,000)**	**(48,000)**	
ADMINISTRATIVE & GENERAL:					
131-2525-00000:A & G EXPENSES	2,683,606.82	2,849,630	3,111,278	3,377,187	265,909
Total ADMINISTRATIVE & GENERAL	**2,683,606.82**	**2,849,630**	**3,111,278**	**3,377,187**	**265,909**
WATER PURCHASES/DELIVERY:					
070-2526-00000:INTERDIVISION WATER PURCH	1,179,348.27	1,233,714	1,182,480	1,332,853	150,373
055-2526-10000:INTERDIV WATER PURCH-RAW	50,667.40	61,359	58,552	92,650	34,098

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Total WATER PURCHASES/DELIVERY	**1,230,015.67**	**1,295,072**	**1,241,032**	**1,425,503**	**184,471**
INTEREST EXPENSE:					
130-2540-00000:INT ON REVENUE BONDS	118,189.40	94,235	74,249	57,430	(16,819)
131-2540-10000:INT ON LONG TERM LOAN	101,952.19	81,957	232,560	72,613	(159,947)
041-2540-15100:INT: 2011 REFUNDING BONDS	347,456.28	333,356	317,397	301,773	(15,624)
050-2540-15400:INT: TTHM				172,626	172,626
060-2540-16000:INT ON CLEARWELL LOAN	13,660.62	13,111	11,520	9,248	(2,272)
041-2540-18000:INT: 2016 SM REFUNDING				174,530	174,530
120-2540-20000:INT ON DISCOUNT AMORT.	144,168.76	135,269	126,069	115,494	(10,575)
041-2540-20020:INT: 2007 RRWDS BONDS	800,004.09	785,031	767,712	750,612	(17,100)
081-2540-30000:INT ON EXP-SSB (FLOOD LOAN)	32,030.87	30,736	29,388	27,970	(1,418)
041-2540-40200:INT: 2006 OFFICE EXPAN LOANS	8,081.33	1,482			
041-2540-44000:INT: 2012 MID-BASIN BONDS	37,598.31	37,603	37,608	37,577	(31)
041-2540-45000:INT: 2013 WCANYON BONDS	2,699,962.29	2,632,300	2,560,169	2,499,413	(60,756)
041-2540-45200:INT: 2013 IH35 BONDS	652,556.28	641,656	626,483	612,557	(13,926)
041-2540-45500:INT: BOND DISCOUNT AMORT	14,328.12	14,328			
041-2540-45501:INT: BOND PREMIUM AMORT	(582,907.20)	(571,626)			
100-2540-50000:INT EXP - LU/LO PROJECT	166,045.66	157,737	149,081	336,012	186,931
041-2540-50300:INT: PRESS/TRUCK-WFARGO			20,256	15,744	(4,512)
Total INTEREST EXPENSE	**4,553,127.00**	**4,387,176**	**4,952,491**	**5,183,598**	**231,107**
PURCHASES OF FIXED ASSETS					
LAND & LAND RIGHTS					
WATER RIGHTS			29,229,000	301,000	(28,928,000)
STRUCTURES & IMPROVEMENTS	312,900.00	67,805	30,000	594,700	564,700
SPECIALIZED OPER. EQUIPMENT	5,205.99	70,054	44,900	12,000	(32,900)
OFFICE BUILDINGS		14,268			
COMMUNICATION EQUIPMENT					
SHOPS & STOREROOMS					
AUTO & HEAVY EQUIPMENT	173,464.48	249,350	492,500	367,000	(125,500)
OFFICE FURN & EQUIPMENT	26,184.05	26,672	80,500	542,000	461,500
MISCELLANEOUS EQUIPMENT	694,525.89	512,631	789,514	125,100	(664,414)
Total PURCHASES OF FIXED ASSETS	**1,212,280.41**	**940,780**	**30,666,414**	**1,941,800**	**(28,724,614)**
PROJECT DEVELOPMENT	**344,790.27**	**2,205,227**	**6,310,609**	**1,665,407**	**(4,645,202)**
PROJECT RECLASS TO OPR EXPENSES	**2,979,088.24**	**3,624,622**	**2,358,621**		**(2,358,621)**
WIP-OPERATING	**(122,158.98)**	**1,125,884**	**8,797,547**	**508,396**	**(8,289,151)**
WIP-CONSTRUCTION			**3,566,000**		**(3,566,000)**

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WIP-OTHER CONSTRUCTION		2,713			
TRANFSER TO WATER PROJECT FUND				**817,500**	**817,500**
TOTAL OPERATING EXPENSES	**40,408,579.99**	**46,732,348**	**93,015,522**	**49,988,003**	**(43,027,519)**
NET OPERATING INCOME	**10,270,304.01**	**8,333,273**	**(33,915,362)**	**7,100,678**	**41,016,040**
BOND PROCEEDS:					
130-1211-00001:REVENUE BONDS-RECEIVABLE			3,304,910		(3,304,910)
041-1211-05101:BOND PREMIUM AMORT-WEST CAN	(486,293.16)	(475,447)			
041-1211-05301:BOND PREMIUM AMORT-SMarcos'07	(5,346.24)	(5,235)			
041-1211-05401:BOND PREMIUM AMORT-2011 BOND	(10,314.48)	(10,314)			
041-1211-05501:BOND PREMIUM AMORT-2013 IH 35	(19,413.48)	(19,089)			
100-1211-50001:BONDS REC			28,000,000		(28,000,000)
Total BOND PROCEEDS	**(521,367.36)**	**(510,086)**	**31,304,910**		**(31,304,910)**
BANK LOANS RECEIVED:					
041-1212-20101:LOAN REC: WATER RIGHTS, USSERY	(10,646.47)	(11,126)			
041-1212-20201:LOAN REC: WTR RIGHT, LULING FN	(18,122.66)	(18,938)			
120-1212-30001:BANK LOAN RECEIVABLE			3,566,000		(3,566,000)
042-1212-40001:LOAN RECEIVABLE			333,000		(333,000)
120-1212-50001:LOAN RECEIVABLE			175,000		(175,000)
Total BANK LOANS RECEIVED	**(28,769.13)**	**(30,064)**	**4,074,000**		**(4,074,000)**
INTERFUND LOANS RECEIVED:					
131-1213-00001:GENERAL LOANS RECEIVED	1,167,650.00	183,700	4,222,000	269,428	(3,952,572)
130-1213-10001:L/P- CONST. LOAN REC.	68,000.00	216,500			
Total INTERFUND LOANS RECEIVED	**1,235,650.00**	**400,200**	**4,222,000**	**269,428**	**(3,952,572)**
INTERFUND LOANS REPAID:					
010-1153-02102:HYDRO GEN LOANS REPAID		500,000			
010-1153-03002:RUD LOANS REPAID		(21,667)		150,000	150,000
010-1153-03602:WIMBERLEY WWTP LOANS REPAID		(48,333)			
010-1153-04302:CANAL LOANS REPAID		55,000			
010-1153-06002:PT. LAVACA LOANS REPAID	68,000.00	216,500			
010-1153-07002:RURAL WATER LOANS REPAID	27,000.00				
092-1153-09202:GENERAL LOANS PAID	23,000.00	23,500			
010-1153-10002:LULING LOANS REPAID	25,200.00				
010-1153-12002:CANYON HYDRO LOANS REPAID	151,000.00				

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Total INTERFUND LOANS REPAID	**294,200.00**	**725,000**		**150,000**	**150,000**
USE OF RESERVE FUNDS:					
130-1131-00001:SOURCE-CHANGE IN RESTR. FUNDS			5,494,362	99,333	(5,395,029)
Total USE OF RESERVE FUNDS			**5,494,362**	**99,333**	**(5,395,029)**
TOTAL NON-REVENUE FUNDS RECEIVED	**979,713.51**	**585,050**	**45,095,272**	**518,761**	**(44,576,511)**
DEBT SERVICE PAYMENTS:					
131-1213-00002:GENERAL LOANS PAID	455,877.15	963,919	507,973	401,460	(106,513)
130-1213-10002:L/P- CONST. LOAN PAID	74,976.82	223,652	7,380	7,621	241
041-1211-12002:BONDS PAID-2007 RRWDS	260,000.00	275,000	299,996	315,000	15,004
041-1211-14002:BONDS PAID-2010 RRWDS	445,000.00	460,000	469,992	490,000	20,008
041-1211-15102:BONDS PAID-2011 OFFICE REFUND	470,000.00	490,000	506,246	522,083	15,837
041-1211-15202:BONDS PAID-2013 IH 35 REFUND	545,000.00	560,000	566,663	585,000	18,337
041-1211-15302:BONDS PAID-2013 WCANYON REFUN	2,115,000.00	2,180,000	2,276,666	2,337,500	60,834
050-1211-15402:BONDS PAID-TTHM				104,556	104,556
060-1212-16002:BANK LOAN PAID-CLEARWELL	235,339.38	249,533	270,177	272,457	2,279
041-1211-18002:BONDS PAID- 2016 SMWTP REFUND				90,417	90,417
081-1213-20002:L/P- OPER. LOANS PAID	890,000.00	920,000			
041-1212-20102:LOAN PAID: WTR RIGHTS, USSERY			11,626	12,149	523
041-1212-20202:LOAN PAID: WTR RIGHT, LULING			19,790	20,681	891
060-1213-30002:GENERAL DEBT SER LOANS PA	179,421.96	126,577	51,756	6,797	(44,959)
041-1213-40002:GEN LOAN MADE-OFFICE CONST	275,000.00	810,748	118,968	105,000	(13,968)
120-1212-50002:LOAN PAID	235,000.00	245,000	257,919	452,504	194,585
041-1212-50302:LOAN PAID: PRESS/TRUCK, WFargo			42,696	44,038	1,342
Total DEBT SERVICE PAYMENTS	**6,180,615.31**	**7,504,429**	**5,407,848**	**5,767,263**	**359,414**
INTERFUND LOANS MADE:					
010-1153-02101:HYDRO GEN LOANS MADE	613,850.00	31,500	4,210,000		(4,210,000)
010-1153-03001:RUD LOANS MADE	190,000.00	(62,500)			
010-1153-03301:CONSTRUCTION LOANS MADE		(90,000)			
010-1153-04301:CANAL LOANS MADE	178,600.00	61,200			
010-1153-05801:PARK VILLAGE LOANS MADE				129,457	129,457
010-1153-05901:FOUR S RANCH LOANS MADE				139,971	139,971
010-1153-06001:PT. LAVACA LOANS MADE	68,000.00	216,500			
010-1153-07001:RURAL WATER LOANS MADE	27,000.00				
010-1153-09201:COLETO CRK REC LOANS MADE	23,000.00	23,500	12,000		(12,000)
010-1153-10001:LULING LOANS MADE	25,200.00				
010-1153-12001:CANYON HYDRO LOANS MADE	110,000.00				

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Total INTERFUND LOANS MADE	**1,235,650.00**	**180,200**	**4,222,000**	**269,428**	**(3,952,572)**
RESERVE FUND REPAYMENTS:					
100-1131-00002:USE-CHANGE IN RESTR.FUNDS			1,080,651	1,019,715	(60,936)
Total RESERVE FUND REPAYMENTS			**1,080,651**	**1,019,715**	**(60,936)**
TOTAL NON-OPERATING FUNDS APPLIED	**7,416,265.31**	**7,684,629**	**10,710,499**	**7,056,406**	**(3,654,094)**
NET CHANGE IN FUND BALANCE	**3,833,752.21**	**1,233,693**	**469,410**	**563,033**	**93,623**

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PROJECT DEVELOPMENT					
042-1187-00105:CRP-PROJ ADMIN-TRAVEL	14.04				
042-1187-00198:CRP-PROJ ADMIN-W.O.	(14.04)				
041-1187-01101:ENVIRONMENTAL LCUB-STAFF	10,082.00	4,487	21,740		(21,740)
041-1187-01104:ENVIRONMENTAL LCUB-BENEFI	4,553.46	1,989	9,306		(9,306)
041-1187-01105:ENVIRONMENTAL LCUB-TRAVEL	956.25	268	1,000		(1,000)
041-1187-01108:ENVIRONMENTAL LCUB-A&G	3,710.23	1,621	7,583		(7,583)
041-1187-01111:ENVIRONMENTAL LCUB-NON GE	1,161.11	424	1,238		(1,238)
041-1187-01113:ENVIRONMENTAL LCUB-PRO FE	4,951.86	9,600	12,500		(12,500)
041-1187-01130:ENVIRONMENTAL LCUB-SERVIC	411.00				
041-1187-01180:ENVIRONMENTAL LCUB-MAT'L	1,384.56	1,227			
041-1187-01198:ENVIRONMENTAL LCUB-W/O	(27,935.57)	(21,607)			
041-1187-01199:ENVIRONMENTAL LCUB-OTHER	725.10	1,991			
Total			**53,368**		**(53,368)**
041-1187-01201:319 RIVER NETWORK-STAFF			577		(577)
041-1187-01204:319 RIVER NETWORK-BENEFITS			234		(234)
041-1187-01208:319 RIVER NETWORK-A&G			190		(190)
Total			**1,001**		**(1,001)**
041-1187-01902:SB3- ENVIRONMNTL FLOWS-ENG	8,210.22	10,985	10,000		(10,000)
041-1187-01905:SB3- ENVIRONMNTL FLOWS-TRAVEL	15.48	15			
041-1187-01998:SB3- ENVIRONMNTL FLOWS-W/O	(9,105.70)	(11,000)			
041-1187-01999:SB3- ENVIRONMNTL FLOWS-OTHER	880.00				
Total			**10,000**		**(10,000)**
041-1187-02002:SB2 IN-STREAM FLOW-ENG	5,933.39		40,000	40,000	
041-1187-02004:SB2 IN-STREAM FLOW-BENEFITS	723.47	1,174	1,202		(1,202)
041-1187-02005:SB2 IN-STREAM FLOW-TRAVEL	557.22	456			
041-1187-02008:SB2 IN-STREAM FLOW-A&G	589.49	957	979		(979)
041-1187-02011:SB2 IN-STREAM FLOW-NON-GENERA	1,786.33	2,899	2,967		(2,967)
041-1187-02098:SB2 IN-STREAM FLOW-WRITEOFF	(22,024.61)	(5,485)			
041-1187-02099:SB2 IN-STREAM FLOW-OTHER	12,434.71				

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Total			**45,148**	**40,000**	**(5,148)**
041-1187-02101:LOWER BASIN LITIGATION-STAFF	86.66		13,173		(13,173)
041-1187-02102:LOWER BASIN LITIGATION-ENG		1,574			
041-1187-02103:LOWER BASIN LITIGATION-LEGA	219,588.47				
041-1187-02104:LOWER BASIN LITIGATION-BENEFI	35.10		5,335		(5,335)
041-1187-02105:LOWER BASIN LITIGATION-TRAVEL	27.60				
041-1187-02108:LOWER BASIN LITIGATION-A&G	28.60		4,347		(4,347)
041-1187-02198:LOWER BASIN LITIGATION-W/O	(220,901.43)	(1,574)			
041-1187-02199:LOWER BASIN LITIGATION-OTHER	1,135.00				
Total			**22,855**		**(22,855)**
041-1187-02505:LOWER BASIN HERITAGE-TRAVEL	174.24	16			
041-1187-02530:LOWER BASIN HERITAGE-SERVICE	64,963.15	(2,213)			
041-1187-02598:LOWER BASIN HERITAGE-W/O	(65,137.39)	2,198			
041-1187-02601:PC WATERSHED COORDINATOR-ST	8.21				
041-1187-02602:PC WATERSHED COORDINATOR-EN			85,300		(85,300)
041-1187-02604:PC WATERSHED COORDINATOR-BE	2,713.13	1,638	1,923		(1,923)
041-1187-02605:PC WATERSHED COORDINATE-TRA	5,189.17	4,819	15,000		(15,000)
041-1187-02608:PC WATERSHED COORDINATOR-A&	2,210.70	1,335	1,567		(1,567)
041-1187-02611:PC WATERSHED COORDINAT-NON G	6,690.89	4,044	4,747		(4,747)
041-1187-02613:PC W.SHED COORDINATOR-PROF S	76,210.20	78,660			
041-1187-02698:PC WATERSHED COORDINATOR-W/	(105,026.87)	(98,709)			
041-1187-02699:PC WATERSHED COORDINATOR-OT	12,004.57	8,214	16,747	181,629	164,882
Total			**125,283**	**181,629**	**56,346**
041-1187-02702:PC GC ISOTOPE STUDY-ENG	14,066.67		54,000		(54,000)
041-1187-02704:PC GC ISOTOPE STUDY-BENEFITS	1,061.73	2,026	1,923		(1,923)
041-1187-02705:PC GC ISOTOPE STUDY-TRAVEL	200.11	259			
041-1187-02708:PC GC ISOTOPE STUDY-A&G	865.11	1,651	1,567		(1,567)
041-1187-02711:PC GC ISOTOPE STUDY-NON GEN	2,621.55	5,003	4,747		(4,747)
041-1187-02798:PC GC ISOTOPE STUDY-W/O	(18,846.25)	(88,347)			
041-1187-02799:PC GC ISOTOPE STUDY-OTHER	31.08	79,407		2,000	2,000

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Total			**62,236**	**2,000**	**(60,236)**
041-1187-03101:REAL HOG FARM PROJ-STAFF	16.42				
041-1187-03104:REAL HOG FARM PROJ-BENEFITS	998.30	10			
041-1187-03105:REAL HOG FARM PROJ-TRAVEL	369.36				
041-1187-03108:REAL HOG FARM PROJ-A&G	813.42	8			
041-1187-03111:REAL HOG FARM PROJ-NON GEN EM	2,448.45	26			
041-1187-03198:REAL HOG FARM PROJ-WRITEOFF	(4,829.70)	(44)			
041-1187-03199:REAL HOG FARM PROJ-OTHER	183.75				
041-1187-03501:OUTDOOR LEARNING CNTR-STAFF	7,327.55	11,406	3,616		(3,616)
041-1187-03504:OUTDOOR LEARNING CNTR-BENEFI	4,348.66	9,917	1,465		(1,465)
041-1187-03505:OUTDOOR LEARNING CNTR-TRAVEL	922.85	169			
041-1187-03508:OUTDOOR LEARNING CNTR-A&G	3,543.37	8,081	1,193		(1,193)
041-1187-03511:OUTDOOR LEARNING CNTR-NON-GE	3,409.93	13,081			
041-1187-03598:OUTDOOR LEARNING CENTER-W/O	(32,899.67)	(82,371)			
041-1187-03599:OUTDOOR LEARNING CENTER-OTH	13,347.31	39,717		42,000	42,000
Total			**6,274**	**42,000**	**35,726**
041-1187-03601:NB DRY COMAL WPP-STAFF		88			
041-1187-03604:NB DRY COMAL WPP-BENEFITS		2,069			
041-1187-03605:NB DRY COMAL WPP-TRAVEL		54			
041-1187-03608:NB DRY COMAL WPP-A&G		1,686			
041-1187-03611:NB DRY COMAL WPP-NON GENERAL		5,021			
041-1187-03698:NB DRY COMAL WPP-W/O		(8,918)			
041-1187-04101:CRP PROJECT ADMIN-STAFF	2,805.34	893			
041-1187-04104:CRP PROJECT ADMIN-BENEFITS	5,092.87	1,151	120		(120)
041-1187-04105:CRP PROJECT ADMIN-TRAVEL	162.04	335			
041-1187-04108:CRP PROJECT ADMIN-A&G	4,149.74	938	98		(98)
041-1187-04111:CRP PROJECT ADMIN-NON GEN EMP	9,769.61	1,948	297		(297)
041-1187-04198:CRP PROJECT ADMIN-W/O	(22,171.50)	(5,393)			
041-1187-04199:CRP PROJECT ADMIN-OTHER	191.90	129			
Total			**515**		**(515)**
041-1187-04201:CRP QUALITY ASSURANCE-STAFF	220.74		1,456		(1,456)
041-1187-04204:CRP QUALITY ASSURANCE-BENEFIT	1,529.56	1,824	5,463		(5,463)

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041-1187-04205:CRP QUALITY ASSURANCE-TRAVEL	189.18				
041-1187-04208:CRP QUALITY ASSURANCE-A&G	1,246.31	1,486	4,451		(4,451)
041-1187-04211:CRP QUALITY ASSURANCE-NON GE	3,555.94	4,504	12,033		(12,033)
041-1187-04298:CRP QUALITY ASSURANCE-W/O	(6,741.73)	(7,815)			
Total			**23,403**		**(23,403)**
041-1187-04301:CRP MONITORING-STAFF	192.15				
041-1187-04302:CRP MONITORING-ENG	13,944.12	11,033			
041-1187-04304:CRP MONITORING-BENEFITS	8,242.56	6,939	10,375		(10,375)
041-1187-04305:CRP MONITORING-TRAVEL	2,730.15	3,227	2,500		(2,500)
041-1187-04308:CRP MONITORING-A&G	6,716.16	5,654	8,454		(8,454)
041-1187-04311:CRP MONITORING-NON GEN EMPL	20,159.84	17,133	25,617		(25,617)
041-1187-04398:CRP MONITORING-W/O	(141,274.54)	(158,178)			
041-1187-04399:CRP MONITORING-OTHER	89,289.56	114,192	93,913	135,378	41,465
Total			**140,859**	**135,378**	**(5,481)**
041-1187-04404:CRP INFO CLEARINGHOUSE-BENEFI	758.28	685	60		(60)
041-1187-04408:CRP INFO CLEARINGHOUSE-A&G	617.87	558	49		(49)
041-1187-04411:CRP INFO CLEARINGHOUSE-NON GE	1,872.30	1,690	148		(148)
041-1187-04498:CRP INFO CLEARINGHOUSE-W/O	(6,331.25)	(3,533)			
041-1187-04499:CRP INFO CLEARINGHOUSE-OTHER	3,082.80	600			
Total			**257**		**(257)**
041-1187-04504:CRP ISSUES & CAUSES-BENEFITS	790.76	319	120		(120)
041-1187-04508:CRP ISSUES & CAUSES-A&G	644.32	260	98		(98)
041-1187-04511:CRP ISSUES & CAUSES-NON GEN E	1,952.49	788	297		(297)
041-1187-04598:CRP ISSUES & CAUSES-W/O	(3,387.57)	(1,368)			
Total			**515**		**(515)**
041-1187-04601:CRP PUBLIC PARTICIPATION-STAFF		439	6,363		(6,363)
041-1187-04604:CRP PUBLIC PARTICIPATION-BENEF	234.61	493	2,677		(2,677)
041-1187-04608:CRP PUBLIC PARTICIPATION-A&G	191.16	402	2,181		(2,181)
041-1187-04611:CRP PUBLIC PARTICIPATION-NON G	579.26	779	247		(247)
041-1187-04698:CRP PUBLIC PARTICIPATION-W/O	(1,005.03)	(3,708)			
041-1187-04699:CRP PUBLIC PARTICIPATION-OTHER		1,595			

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Total			**11,469**		**(11,469)**
041-1187-04704:CRP-LIMS-BENEFITS			2,831		(2,831)
041-1187-04708:CRP-LIMS-A&G			2,307		(2,307)
041-1187-04711:CRP-LIMS-NON-GENERAL EMPLOYE			6,991		(6,991)
Total			**12,129**		**(12,129)**
041-1187-10901:MID BASIN WATER RIGHTS-STAFF	2,556.47	498			
041-1187-10903:MID BASIN WATER RIGHTS-LEGAL	1,743.24	1,380,526			
041-1187-10904:MID BASIN WATER RIGHTS-BENEFIT	1,035.37	202			
041-1187-10905:MID BASIN WATER RIGHTS-TRAVEL		6			
041-1187-10908:MID BASIN WATER RIGHTS-A&G	843.63	164			
041-1187-10913:MID BASIN WATER RIGHTS-PRO FEE	5,358.42	151,815			
041-1187-10998:MID BASIN WATER RIGHTS-W/O	(11,537.13)	(10,511)			
Total		**1,522,701**			
041-1187-20502:TCOON WTR QUAL STATION-ENG	40,979.50	20,610		66,000	66,000
041-1187-20598:TCOON WTR QUAL STATION-W/O	(40,979.50)	(20,610)			
Total				**66,000**	**66,000**
041-1187-20901:BULVERDE AREA WW-STAFF	22,224.84	18,401			
041-1187-20904:BULVERDE AREA WW-BENEFITS	9,530.57	7,485			
041-1187-20905:BULVERDE AREA WW-TRAVEL	1,816.42	2,114			
041-1187-20908:BULVERDE AREA WW-A&G	7,765.68	6,099			
041-1187-20911:BULVERDE AREA WW-NON GEN EM	1,307.46	81			
041-1187-20930:BULVERDE AREA WW-SERVICE	3,821.60	7,169			
041-1187-20980:BULVERDE AREA WW-MAT'L	2,397.72				
041-1187-20998:BULVERDE AREA WW-W/O	(48,888.32)	(41,391)			
041-1187-20999:BULVERDE AREA WW- OTHER	24.03	41			
041-1187-21101:U/S SWB GUAD RIVER STUDY-STAFF		662			
041-1187-21104:U/S SWB GUAD RIVER STUDY-BENE	191.30	268			
041-1187-21108:U/S SWB GUAD RIVER STUDY-A&G	155.87	218			
041-1187-21111:U/S SWB GUAD RIVER STUDY-NON-	472.34				
041-1187-21198:U/S SWB GUAD RIVER STUDY-W/O	(819.51)	(2,342)			
041-1187-21199:U/S SWB GUAD RIVER STUDY-OTHE		1,193			

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041-1187-21201:FLOOD MGMT MODEL-STAFF		1,133			
041-1187-21202:FLOOD MGMT MODEL-ENG	105,759.62	904,352	523,300	458,750	(64,550)
041-1187-21204:FLOOD MGMT MODEL-BENEFITS	4,333.56	5,750			
041-1187-21205:FLOOD MGMT MODEL-TRAVEL	7,751.29	2,354			
041-1187-21208:FLOOD MGMT MODEL-A&G	3,531.03	4,685			
041-1187-21211:FLOOD MGMT MODEL-NON GEN EMP	10,700.12	13,064			
041-1187-21298:FLOOD MGMT MODEL-W/O	(133,939.03)	(931,756)			
041-1187-21299:FLOOD MGMT MODEL-OTHER	1,863.41	417			
Total			**523,300**	**458,750**	**(64,550)**
041-1187-21330:LAKE MGMT ENHANCEMENT-SERVIC			10,000		(10,000)
Total			**10,000**		**(10,000)**
041-1187-21604:LB LK MGMT&AQUATIC CNTL-BENEFI			562		(562)
041-1187-21605:LB LK MGMT&AQUATIC CNTL-TRAVE			5,000		(5,000)
041-1187-21608:LB LK MGMT&AQUATIC CNTL-A&G			458		(458)
041-1187-21611:LB LK MGMT&AQUATIC CNTL-NON-G			1,387		(1,387)
041-1187-21680:LB LK MGMT&AQUATIC CNTL-MTL'S			10,000		(10,000)
Total			**17,406**		**(17,406)**
041-1187-21802:GW/SW INTERFACE STUDY-ENG	50,000.00	44,057	40,000		(40,000)
041-1187-21898:GW/SW INTERFACE STUDY-W/O	(50,000.00)	(44,057)			
Total			**40,000**		**(40,000)**
041-1187-22004:LOCKHART DISCHARGE MONT-BENE	1,112.42	1,797			
041-1187-22005:LOCKHART DISCHARGE MONT-TRAV	78.78	18			
041-1187-22008:LOCKHART DISCHARGE MONT-A&G	906.41	1,464			
041-1187-22011:LOCKHART DISCHARGE MONT-NON-	2,746.68	4,436			
041-1187-22098:LOCKHART DISCHARGE MONT-W/O	(4,844.29)	(8,317)			
041-1187-22099:LOCKHART DISCHARGE MONT-OTHE		602			
041-1187-22101:FEMA CTP PROGRAM-STAFF	143.45				
041-1187-22102:FEMA CTP PROGRAM-ENG			120,000		(120,000)
041-1187-22104:FEMA CTP PROGRAM-BENEFITS	831.37	33			

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041-1187-22105:FEMA CTP PROGRAM-TRAVEL	58.85				
041-1187-22108:FEMA CTP PROGRAM-A&G	677.41	27			
041-1187-22111:FEMA CTP PROGRAM-NON GENERA	1,909.31	81			
041-1187-22198:FEMA CTP PROGRAM-W/O	(4,232.15)	(36,302)			
041-1187-22199:FEMA CTP PROGRAM-OTHER	611.76	36,161			
Total			**120,000**		**(120,000)**
041-1187-22201:2015 FLOOD RECOVERY-STAFF	4,786.30	10,170			
041-1187-22204:2015 FLOOD RECOVERY-BENEFITS	5,949.31	7,605			
041-1187-22205:2015 FLOOD RECOVERY-TRAVEL	2.88	159			
041-1187-22208:2015 FLOOD RECOVERY-A&G	4,847.59	6,196			
041-1187-22211:2015 FLOOD RECOVERY-NON GEN	9,903.36	8,607			
041-1187-22298:2015 FLOOD RECOVERY-W/O	(25,751.09)	(35,956)			
041-1187-22299:2015 FLOOD RECOVERY-OTHER	261.65	3,218			
041-1187-22301:NRCS 2015 FLOOD UPPER-STAFF		44			
041-1187-22302:NRCS 2015 FLOOD UPPER-ENG		779			
041-1187-22304:NRCS 2015 FLOOD UPPER-BENEFIT		1,555			
041-1187-22308:NRCS 2015 FLOOD UPPER-A&G		1,267			
041-1187-22311:NRCS 2015 FLOOD UPPER-NON GEN		3,794			
041-1187-22330:NRCS 2015 FLOOD UPPER-SERVICE			1,987,709		(1,987,709)
041-1187-22398:NRCS 2015 FLOOD UPPER-W/O		(7,614)			
041-1187-22399:NRCS 2015 FLOOD UPPER-OTHER		175			
Total			**1,987,709**		**(1,987,709)**
041-1187-22401:NRCS 2015 FLOOD LOWER-STAFF		504			
041-1187-22402:NRCS 2015 FLOOD LOWER-ENG		5,730			
041-1187-22404:NRCS 2015 FLOOD LOWER-BENEFIT		7,146			
041-1187-22405:NRCS 2015 FLOOD LOWER-TRAVEL		547			
041-1187-22408:NRCS 2015 FLOOD LOWER-A&G		5,823			
041-1187-22411:NRCS 2015 FLOOD LOWER-NON GE		17,141			
041-1187-22430:NRCS 2015 FLOOD LOWER-SERVICE			528,250	100,000	(428,250)
041-1187-22498:NRCS 2015 FLOOD LOWER-W/O		(41,743)			
041-1187-22499:NRCS 2015 FLOOD LOWER-OTHER		4,851			
Total			**528,250**	**100,000**	**(428,250)**
041-1187-22630:UTILITY SURVEY,MAPNG,MODELING			5,000		(5,000)

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Total			**5,000**		**(5,000)**
041-1187-22730:FLOW MONITORING			5,000		(5,000)
Total			**5,000**		**(5,000)**
041-1187-22802:HIGH WATER MARK SURVEYS-ENG			5,000		(5,000)
Total			**5,000**		**(5,000)**
041-1187-22930:RAINFALL GAUGE-HAYS CO-SERVIC				74,812	74,812
Total				**74,812**	**74,812**
041-1187-23030:RAINFALL GAUGE-CALDWELL-SERVI				141,376	141,376
Total				**141,376**	**141,376**
042-1187-29901:MISC PROJ DEV-STAFF	524.44				
042-1187-29904:MISC PROJ DEV-BENEFITS	240.20				
042-1187-29908:MISC PROJ DEV-A&G	195.72				
042-1187-29911:MISC PROJ DEV-NON GEN EMPL	68.63				
041-1187-29998:MISC PROJ DEV-W/O	(1,062.99)	(169)			
042-1187-29999:MISC PROJ DEV-OTHER	34.00	169			
041-1187-30702:GUAD/HAYS/CALD WW CCNS-ENG		61,700			
041-1187-30704:GUAD/HAYS/CALD WW CCNS-BENEF			1,877		(1,877)
041-1187-30708:GUAD/HAYS/CALD WW CCNS-A&G			1,530		(1,530)
041-1187-30711:GUAD/HAYS/CALD WW CCNS-NON-G			4,635		(4,635)
041-1187-30798:GUAD/HAYS/CALD WW CCNS-W/O		(61,700)			
Total			**8,042**		**(8,042)**
041-1187-31813:HAZARD MITIGATION-PROF FEES				70,000	70,000

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Total				**70,000**	**70,000**
041-1187-40702:LULING WTR SUPP STUDY-ENG	1,065.08				
Total	**1,065.08**				
041-1187-40901:IWPP DESAL/POWER-STAFF	27,856.30	21,315	58,524		(58,524)
041-1187-40902:IWPP DESAL/POWER-ENG	12,198.93		950,000		(950,000)
041-1187-40903:IWPP DESAL/POWER-LEGAL			25,000		(25,000)
041-1187-40904:IWPP DESAL/POWER-BENEFIT	13,300.09	9,083	29,765		(29,765)
041-1187-40905:IWPP DESAL/POWER-TRAVEL	1,691.79	687	15,000		(15,000)
041-1187-40908:IWPP DESAL/POWER-A&G	10,837.11	7,401	24,253		(24,253)
041-1187-40911:IWPP DESAL/POWER-NON-GEN	4,983.40	1,112	14,970		(14,970)
041-1187-40913:IWPP DESAL/POWER-PRO FEE	684,854.94	578,462	75,000		(75,000)
041-1187-40998:IWPP DESAL/POWER-W/O	(755,969.56)	(619,081)			
041-1187-40999:IWPP DESAL/POWER-OTHER	247.00	1,020	5,000		(5,000)
Total			**1,197,513**		**(1,197,513)**
041-1187-41201:MID-BASIN HDR-STAFF	93.60	492			
041-1187-41202:MID-BASIN HDR-ENG	45,375.40	66,032			
041-1187-41204:MID-BASIN HDR-BENEFIT	37.91	237			
041-1187-41208:MID-BASIN HDR-A&G	30.89	193			
041-1187-41211:MID-BASIN HDR-NON-GEN		93			
Total	**45,537.80**	**67,047**			
041-1187-41304:MID-BASIN GRANT STDY-BENEFITS	4,940.10	11,421	10,913		(10,913)
041-1187-41308:MID-BASIN GRANT STDY-A&G	4,025.25	9,306	8,892		(8,892)
041-1187-41311:MID-BASIN GRANT STDY-NON-GEN	12,197.78	28,201	26,947		(26,947)
041-1187-41398:MID-BASIN GRANT STDY-W/O	(21,163.13)	(48,928)			
Total			**46,752**		**(46,752)**
041-1187-41402:DIVERSION SYS IMPROVEMENTS-EN	25,162.75		50,000		(50,000)
041-1187-41498:DIVERSION SYS IMPROVEMENTS-W/	(25,162.75)				

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Total			**50,000**		**(50,000)**
041-1187-45002:RIVER GAGES-ENG	2,500.00		15,000		(15,000)
041-1187-45004:RIVER GAGES-BENEFITS	251.74				
041-1187-45008:RIVER GAGES-A&G	205.13				
041-1187-45011:RIVER GAGES-NON GEN EM	621.58				
041-1187-45098:RIVER GAGES-W/O	(3,578.45)				
Total			**15,000**		**(15,000)**
041-1187-50502:EAA HABITAT CONSRV PLAN-ENG	228.90				
041-1187-50505:EAA HABITAT CONSRV PLAN-TRAVE		570			
041-1187-50598:EAA HABITAT CONSRV PLAN-W/O	(403,606.18)	(400,656)			
041-1187-50599:EAA HABITAT CONSRV PLAN-OTHER	403,377.28	400,085			
041-1187-60301:LOWER BASIN PERMIT AMEND-STAF			18,408		(18,408)
041-1187-60302:LOWER BASIN PERMIT AMEND-ENG	29,749.05	49,037			
041-1187-60304:LOWER BASIN PERMIT AMEND-BEN			7,455		(7,455)
041-1187-60305:LOWER BASIN PERMIT AMEND-TRAV	335.86				
041-1187-60308:LOWER BASIN PERMIT AMEND-A&G			6,075		(6,075)
041-1187-60398:LOWER BASIN PERMIT AMEND-W/O	(30,104.91)	(49,037)			
041-1187-60399:LOWER BASIN PERMIT AMEND-OTHE	20.00				
Total			**31,938**		**(31,938)**
041-1187-60401:LB STORAGE PROJ ADM-STAFF	157.62	392	5,009		(5,009)
041-1187-60402:LB STORAGE PROJ ADM-ENG	48,739.85	17,292	980,000		(980,000)
041-1187-60403:LB STORAGE PROJ ADM-LEGAL			25,000		(25,000)
041-1187-60404:LB STORAGE PROJ ADM-BENEFITS	5,733.26	4,538	25,357		(25,357)
041-1187-60405:LB STORAGE PROJ ADM-TRAVEL		376	15,000		(15,000)
041-1187-60408:LB STORAGE PROJ ADM-A&G	4,671.55	3,698	20,661		(20,661)
041-1187-60411:LB STORAGE PROJ ADM-NON GEN E	13,998.60	10,814	57,601		(57,601)
041-1187-60498:LB STORAGE PROJ ADM-W/O	(74,492.68)	(37,731)			
041-1187-60499:LB STORAGE PROJ ADM-OTHER	1,191.80	621			
Total			**1,128,628**		**(1,128,628)**
041-1187-60505:JOHNSON RCH WWTP RGLZ-TRAVEL			500		(500)
041-1187-60530:JOHNSON RANCH-SERVICES			500		(500)

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Total			**1,000**		**(1,000)**
041-1187-60601:CANYON GORGE PROJECT-STAFF	9,020.27	8,212	27,379		(27,379)
041-1187-60604:CANYON GORGE PROJECT-BENEFIT	4,054.21	3,386	11,088		(11,088)
041-1187-60605:CANYON GORGE PROJECT-TRAVEL	194.26				
041-1187-60608:CANYON GORGE PROJECT-A&G	3,303.42	2,759	9,035		(9,035)
041-1187-60611:CANYON GORGE PROJECT-NON-GE	990.10	149			
041-1187-60630:CANYON GORGE PROJECT-SERVICE	205.50	209			
041-1187-60698:CANYON GORGE PROJECT-W/O	(17,986.96)	(14,714)			
041-1187-60699:CANYON GORGE PROJECT-OTHER	219.20				
Total			**47,502**		**(47,502)**
041-1187-60704:WATER SUPPLY ALTERNATIVE-BENE			3,032		(3,032)
041-1187-60708:WATER SUPPLY ALTERNATIVE-A&G			2,470		(2,470)
041-1187-60711:WATER SUPPLY ALTERNATIVE-NON-			7,485		(7,485)
Total			**12,987**		**(12,987)**
041-1187-70401:UB LK MGMT&AQUATIC CNTL-STAFF	307.45	278			
041-1187-70404:UB LK MGMT&AQUATIC CNTL-BENEF	2,059.01	1,590	10,591		(10,591)
041-1187-70408:UB LK MGMT&AQUATIC CNTL-A&G	1,677.72	1,296	8,629		(8,629)
041-1187-70411:UB LK MGMT&AQUATIC CNTL-NONG	4,776.54	3,649	26,150		(26,150)
041-1187-70413:UB LK MGMT&AQUATIC CNTL-PRO F		82			
041-1187-70430:UB LK MGMT&AQUATIC CNTL-SERVI			5,000		(5,000)
041-1187-70480:UB LK MGMT&AQUATIC CNTL-MAT'L	38.31	2,974	12,500		(12,500)
041-1187-70498:UB LK MGMT&AQUATIC CNTL-W/O	(66,225.60)	(32,915)			
041-1187-70499:UB LK MGMT&AQUATIC CNTL-OTHE	57,366.57	23,045			
Total			**62,869**		**(62,869)**
033-1187-71104:DUNLAP AREA MASTER PLAN-BENE	315.29	46	3,338		(3,338)
033-1187-71108:DUNLAP AREA MASTER PLAN-A&G	256.90	37	2,720		(2,720)
033-1187-71111:DUNLAP AREA MASTER PLAN-SUPE	778.49	113	8,242		(8,242)
033-1187-71198:DUNLAP AREA MASTER PLAN-W/O	(2,894.18)	(1,365)			
033-1187-71199:DUNLAP AREA MASTER PLAN-OTHE	1,543.50	1,169			
Total			**14,299**		**(14,299)**
041-1187-71502:SH46 UTILITY RELOC (Reim)-ENG			50,000		(50,000)
041-1187-71503:SH46 UTILITY RELOC (Reim)-LEGA			5,000		(5,000)

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041-1187-71505:SH46 UTILITY RELOC (Reim)-TRAV			5,000		(5,000)
041-1187-71513:SH46 UTILITY RELOC (Reim)-PROF			5,000		(5,000)
041-1187-71599:SH46 UTILITY RELOC (Reim)-MISC			5,000		(5,000)
Total			**70,000**		**(70,000)**
041-1187-71602:SH46 UTIL RELOC (NonReim)-ENG			10,000		(10,000)
041-1187-71603:SH46 UTIL RELOC (NonReim)-LEGA			500		(500)
041-1187-71605:SH46 UTIL RELOC (NonReim)-TRAV			500		(500)
050-1187-71613:SH46 UTIL RELOC (NonReim)-PROF			500		(500)
041-1187-71699:SH46 UTIL RELOC (NonReim)-MISC			500		(500)
Total			**12,000**		**(12,000)**
043-1187-71730:SHILLINGS MAIN PIPES-SERVICE				100,000	100,000
Total				**100,000**	**100,000**
041-1187-71901:PLUM CREEK OUTREACH-STAFF			1,157		(1,157)
041-1187-71904:PLUM CREEK OUTREACH-BENEFITS			469		(469)
041-1187-71908:PLUM CREEK OUTREACH-A&G			382		(382)
Total			**2,008**		**(2,008)**
041-1187-72001:PLUM CREEK MONITORING-STAFF	5,739.83	472	1,112		(1,112)
041-1187-72004:PLUM CREEK MONITORING-BENEFIT	12,524.44	9,588	12,922		(12,922)
041-1187-72005:PLUM CREEK MONITORING-TRAVEL	3,560.17	3,399			
041-1187-72008:PLUM CREEK MONITORING-A&G	10,205.10	7,813	10,529		(10,529)
041-1187-72011:PLUM CREEK MONITORING-NON GE	25,184.76	23,203	30,795		(30,795)
041-1187-72098:PLUM CREEK MONITORING-W.O.	(179,435.83)	(169,772)			
041-1187-72099:PLUM CREEK MONITORING-OTHER	122,221.53	125,298	140,945	140,944	(1)
Total			**196,303**	**140,944**	**(55,359)**
041-1187-72105:PLUM CREEK PROJ ADM-TRAVEL	169.25	38			
041-1187-72198:PLUM CREEK PROJ ADM-W.O.	(169.25)	(38)			
041-1187-72204:PLUM CREEK BACTERIAL ST-BENEFI		395			
041-1187-72208:PLUM CREEK BACTERIAL ST-A&G		321			
041-1187-72211:PLUM CREEK BACTERIAL ST-NONGE		974			

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041-1187-72298:PLUM CREEK BACTERIAL ST-W.O		(1,690)			
041-1187-73001:FM 110 P/L RELOC-SOUTH-STAFF	2,012.90	909	65,762		(65,762)
041-1187-73002:FM 110 P/L RELOC-SOUTH-ENG			180,000		(180,000)
041-1187-73003:FM 110 P/L RELOC-SOUTH-LEGAL			5,000		(5,000)
041-1187-73004:FM 110 P/L RELOC-SOUTH-BENEFIT	815.22	368	26,634		(26,634)
041-1187-73005:FM 110 P/L RELOC-SOUTH-TRAVEL	35.65	115	15,000		(15,000)
041-1187-73008:FM 110 P/L RELOC-SOUTH-A&G	664.25	300	21,702		(21,702)
041-1187-73013:FM 110 P/L RELOC-SOUTH-PROF FE			10,000		(10,000)
041-1187-73098:FM 110 P/L RELOC-SOUTH-W/O	(3,528.02)	(1,693)			
041-1187-73099:FM 110 P/L RELOC-SOUTH-OTHER			900,000		(900,000)
Total			**1,224,098**		**(1,224,098)**
041-1187-73101:FM 110 P/L RELOC-NORTH-STAFF	432.82		2,768		(2,768)
041-1187-73102:FM 110 P/L RELOC NORTH-ENG			30,000		(30,000)
041-1187-73103:FM 110 P/L RELOC NORTH-LEGAL			5,000		(5,000)
041-1187-73104:FM 110 P/L RELOC NORT-BENEFITS	175.30		1,121		(1,121)
041-1187-73105:FM 110 P/L RELOC NORTH-TRAVEL			5,000		(5,000)
041-1187-73108:FM 110 P/L RELOC NORTH-A&G	142.83		913		(913)
041-1187-73113:FM 110 P/L RELOC NORTH PRO FEE			2,500		(2,500)
041-1187-73198:FM 110 P/L RELOC NORTH W/O	(750.95)	(995)			
041-1187-73199:FM 110 P/L RELOC NORTH-OTHER		995	100,000		(100,000)
Total			**147,303**		**(147,303)**
041-1187-74102:FM-183 UTLY RELOCATE-ENG			50,000		(50,000)
041-1187-74103:FM-183 UTLY RELOCATE-LEGAL			5,000		(5,000)
041-1187-74105:FM-183 UTLY RELOCATE-TRAVEL			5,000		(5,000)
041-1187-74113:FM-183 UTLY RELOCATE-PRO FEES			5,000		(5,000)
041-1187-74199:FM-183 UTLY RELOCATE-MISC			5,000		(5,000)
Total			**70,000**		**(70,000)**
041-1187-75102:FM-725 UTLY RELOCATE-ENG		11,900	50,000		(50,000)
041-1187-75103:FM-725 UTLY RELOCATE-LEGAL			5,000		(5,000)
041-1187-75105:FM-725 UTLY RELOCATE-TRAVEL			5,000		(5,000)
041-1187-75113:FM-725 UTLY RELOCATE-PROF FEES			5,000		(5,000)
041-1187-75198:FM-725 UTLY RELOCATE-W/O		(11,900)			
041-1187-75199:FM-725 UTLY RELOCATE-MISC			5,000		(5,000)

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Total			**70,000**		**(70,000)**
041-1187-81004:WATER CO ACQUISITIONS-BENEFIT			5,661		(5,661)
041-1187-81005:WATER CO ACQUISITIONS-TRAVEL			500		(500)
041-1187-81008:WATER CO ACQUISITIONS-A&G			4,613		(4,613)
041-1187-81011:WATER CO ACQUISITIONS-NON GEN			13,978		(13,978)
Total			**24,752**		**(24,752)**
041-1187-81304:INDUSTRIAL DEV PROJECT-BENEFIT			8,708		(8,708)
041-1187-81305:INDUSTRIAL DEV PROJECT-TRAVEL			200		(200)
041-1187-81308:INDUSTRIAL DEV PROJECT-A&G			7,095		(7,095)
041-1187-81311:INDUSTRIAL DEV PROJECT-NON-GE			21,500		(21,500)
Total			**37,503**		**(37,503)**
041-1187-81604:CONTINUOUS MONITORING-BENEFI	22.68				
041-1187-81608:CONTINUOUS MONITORING-A&G	18.48				
041-1187-81611:CONTINUOUS MNTG-NON-GEN EMP	56.00				
041-1187-81698:CONTINUOUS MONITORING-W/O	(97.16)				
041-1187-81902:ENG BUERGER LANE BRIDGE-ENG	19,225.00	8,200			
041-1187-81998:ENG BUERGER LANE BRIDGE-W/O	(34,785.90)	(8,200)			
Total	**(15,560.90)**				
041-1187-82301:MID-BASIN PROJECT-STA	6,930.33	4,327	3,514		(3,514)
041-1187-82302:MID-BASIN PROJECT-ENG	228,891.30	246,155			
041-1187-82303:MID-BASIN PROJECT-LEGAL	28,430.00	361,112	25,000		(25,000)
041-1187-82304:MID-BASIN PROJECT-BENEFITS	13,064.74	1,818	19,311		(19,311)
041-1187-82305:MID-BASIN PROJECT-TRAVEL	169.22	59	15,000		(15,000)
041-1187-82308:MID-BASIN PROJECT-A&G	10,645.36	1,481	15,735		(15,735)
041-1187-82311:MID-BASIN PROJECT-NON-GEN EMP	25,328.30	162	44,169		(44,169)
041-1187-82313:MID-BASIN PROJECT-PROF FEE			75,000		(75,000)
041-1187-82399:MID-BASIN PROJECT-OTHER	347.15	365	5,000		(5,000)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total	**313,806.40**	**615,479**	**202,729**		**(202,729)**
032-1187-86901:CANYON WW MASTER PLAN-STAFF	93.60	3,743			
032-1187-86904:CANYON WW MASTER PLAN-BENEFI	37.91	1,516			
032-1187-86908:CANYON WW MASTER PLAN-A&G	30.89	1,235			
032-1187-86998:CANYON WW MASTER PLAN-W/O	(162.40)	(9,548)			
032-1187-86999:CANYON WW MASTER PLAN-OTHER		3,053			
041-1187-90801:S.B.1 PHASE 5-STAFF		2,262			
041-1187-90802:S.B.1 PHASE 5-ENG	7,186.42	1,488	10,000		(10,000)
041-1187-90804:S.B.1 PHASE 5-BENEFITS	411.54	916			
041-1187-90805:S.B.1 PHASE 5-TRAVEL	94.17				
041-1187-90808:S.B.1 PHASE 5-A&G	335.33	746			
041-1187-90811:S.B.1 PHASE 5-NON GEN EMPL	1,016.16				
041-1187-90898:S.B.1 PHASE 5-W/O	(16,176.12)	(11,857)			
041-1187-90899:S.B.1 PHASE 5-OTHER	7,132.50	6,444			
Total			**10,000**		**(10,000)**
041-1187-92101:GERONIMO CREEK WPP-STAFF	1,325.50	613	7,793		(7,793)
041-1187-92102:GERONIMO CREEK WPP-ENG	4,090.52				
041-1187-92104:GERONIMO CREEK WPP-BENEFITS	5,226.97	5,450	12,378		(12,378)
041-1187-92105:GERONIMO CREEK WPP-TRAVEL	432.39	444			
041-1187-92108:GERONIMO CREEK WPP-A&G	4,259.00	4,441	10,086		(10,086)
041-1187-92111:GERONIMO CREEK WPP-NON GEN E	11,580.59	12,845	22,770		(22,770)
041-1187-92198:GERONIMO CREEK WPP-W/O	(81,542.74)	(75,370)			
041-1187-92199:GERONIMO CREEK WPP-MISC	54,627.77	51,577	76,000	112,518	36,518
Total			**129,026**	**112,518**	**(16,508)**
060-1187-92501:POINT COMFORT EMERGENCY-STAF	46.80				
060-1187-92504:POINT COMFORT EMERGEN-BENEFI	1,331.30				
060-1187-92508:POINT COMFORT EMERGENCY-A&G	1,084.77				
060-1187-92511:POINT COMFORT EMERGEN-NON GE	3,240.38				
060-1187-92598:POINT COMFORT EMERGENCY-W/O	(5,703.25)				
041-1187-92702:GVHS DAM SAFETY PROGRAM-ENG			100,000		(100,000)
021-1187-92713:DAM SAFETY PROGRAM-PROF FE	80,688.29	84,721			
021-1187-92798:DAM SAFETY PROGRAM-W/O	(80,746.40)	(84,721)			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total	**(58.11)**		**100,000**		**(100,000)**
041-1187-99909:BUD W/O-UB LAKE MGMT			(13,000)		13,000
041-1187-99914:BUD W/O-GORGE			(23,748)		23,748
041-1187-99919:BUD W/O-GERONIMO CREEK			(107,520)		107,520
041-1187-99931:BUD W/O-PLUM CREEK MONITORING			(163,590)		163,590
041-1187-99932:BUD W/O-EEA HABITAT			(400,000)		400,000
041-1187-99934:BUD W/O-PLUM CREEK WS COORDI			(104,400)		104,400
041-1187-99935:BUD W/O-WATER ENERGY NEXUS			(92,000)		92,000
041-1187-99936:BUD W/O-FLOOD MGT MODEL			(412,200)		412,200
041-1187-99937:BUD W/O-ENVIRON LEARN CTR UB			(13,341)		13,341
041-1187-99939:BUD W/O-PC ISOTOPE			(58,274)		58,274
041-1187-99943:BUD W/O-CRP			(146,680)		146,680
041-1187-99945:BUD W/O-NRCS-UPPER			(295,618)		295,618
041-1187-99946:BUD W/O-NRCS-LOWER			(528,250)		528,250
Total			**(2,358,621)**		**2,358,621**
TOTAL PROJECT DEVELOPMENT	**344,790.27**	**2,205,227**	**6,310,609**	**1,665,407**	**(4,645,202)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
WIP - OPERATING					
092-1114-01007:ED/OUTDOOR LEARNING CENTER-S			80,000		(80,000)
092-1114-01080:ED/OUTDOOR LEARNING CENTER-M			20,000		(20,000)
Total			**100,000**		**(100,000)**
042-1114-15106:LIMS SOFTWARE & INSTALLATI	71,499.61	16,500			
Total	**71,499.61**	**16,500**			
131-1114-20180:LOCKHART WTR WELL&IMP-MATERI			16,000		(16,000)
Total			**16,000**		**(16,000)**
041-1114-21002:H5 LOT RESTORATION-SUPERV			7,954		(7,954)
041-1114-21004:H5 LOT RESTORATION-BENEFITS	493.10		3,222		(3,222)
041-1114-21007:H5 LOT RESTORATION-SERVICES	27,895.00				
041-1114-21008:H5 LOT RESTORATION-A&G	401.79		2,625		(2,625)
041-1114-21098:H5 LOT RESTORATION-W/O	(28,789.89)				
Total			**13,801**		**(13,801)**
021-1114-22607:REPLACE FENDER BOARDS-SERVIC	19,200.00		35,000		(35,000)
021-1114-22680:REPLACE FENDER BOARDS-MAT'L			15,000		(15,000)
021-1114-22698:REPLACE FENDER BOARDS-W/O	(19,200.00)				
021-1114-22699:REPLACE FENDER BOARDS-MISC			2,000		(2,000)
Total			**52,000**		**(52,000)**
041-1114-22901:HAZARD MITIGATION-STAFF	259.80	187			
041-1114-22902:HAZARD MITIGATION-SUPERV	148.60				
041-1114-22904:HAZARD MITIGATION-BENEFITS	165.40	76			
041-1114-22908:HAZARD MITIGATION-A&G	134.78	62			
041-1114-22911:HAZARD MITIGATION-PROF FEES			105,000		(105,000)
041-1114-22998:HAZARD MITIGATION-W/O	(708.58)	(324)			
Total			**105,000**		**(105,000)**
041-1114-23911:DIV. DAM/SWB EROSION REPAIR-EN			15,000		(15,000)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total			**15,000**		**(15,000)**
131-1114-29901:OTHER W.A.- STAFF	59.44				
131-1114-29904:OTHER W.A.-BENEFITS	24.07				
131-1114-29907:OTHER W.A.-SERVICE	(103.13)				
131-1114-29908:OTHER W.A.- A&G	19.62				
041-1114-40498:FLAP GATE INSTALLATION-W/O	(89.06)				
041-1114-40499:FLAP GATE INSTALLATION-MISC	89.06				
043-1114-41807:CANAL REHAB-SERVICE			19,200		(19,200)
Total			**19,200**		**(19,200)**
050-1114-50007:W.C. DBP REMOVAL-SERVICES			3,304,910		(3,304,910)
Total			**3,304,910**		**(3,304,910)**
050-1114-54007:WC SCADA UPGRADE-SERVICE				66,000	66,000
050-1114-54080:WC SCADA UPGRADE-MATERIALS				9,000	9,000
Total				**75,000**	**75,000**
033-1114-60907:SHOP/OFFICE/LAB BLDG-SERVICES			100,000	30,000	(70,000)
033-1114-60911:SHOP/OFFICE/LAB BLDG-PROF FEES			4,000		(4,000)
033-1114-60980:SHOP/OFFICE/LAB BLDG-MAT'L			5,000		(5,000)
033-1114-60999:SHOP/OFFICE/LAB BLDG-MISC			1,000		(1,000)
Total			**110,000**	**30,000**	**(80,000)**
032-1114-66905:BROOKSHIRE WW-TRAVEL		195			
032-1114-66906:BROOKSHIRE WW-EUC's		42			
032-1114-66907:BROOKSHIRE WW-SERVICE	1,500.00	909,061			
032-1114-66911:BROOKSHIRE WW-PROF FEES	46,725.00	48,355			
032-1114-66999:BROOKSHIRE WW-MISC	51.27				

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total	**48,276.27**	**957,652**			
043-1114-72007:MAIN CANAL CROSSING-SERVICE			35,000		(35,000)
Total			**35,000**		**(35,000)**
041-1114-80807:SIPHON/RADIAL GATE IMPS-SERVIC	43,698.00				
041-1114-80811:SIPHON/RADIAL GATE IMPS-PROF F			50,000		(50,000)
041-1114-80898:SIPHON/RADIAL GATE IMPS-W/O	(43,698.00)				
Total			**50,000**		**(50,000)**
032-1114-81201:CANYON PRK PLNT EXPAN-STAFF		126	30,900		(30,900)
032-1114-81202:CANYON PRK PLNT EXPAN-SUPERV	416.50	651			
032-1114-81204:CANYON PRK PLNT EXPAN-BENEFIT	168.69	315	12,515		(12,515)
032-1114-81208:CANYON PRK PLNT EXPAN-A&G	137.44	256	10,197		(10,197)
032-1114-81211:CANYON PRK PLNT EXPAN-PROF FE	1,870.15	7,743	300,000		(300,000)
032-1114-81298:CANYON PRK PLNT EXPAN-W/O	(4,177.68)	(9,209)			
032-1114-81299:CANYON PRK PLNT EXPAN-MISC	1,584.90	118	1,000		(1,000)
Total			**354,612**		**(354,612)**
131-1114-81407:MOTOR CNTRL CNTR AT PS-SERVIC		50			
131-1114-81498:MOTOR CNTRL CNTR AT PS-W/O		(50)			
070-1114-83607:MAXWELL DITCH CROSSING-SERVIC		18,260			
Total		**18,260**			
021-1114-85007:SPILLGATE REPAIRS-SERVICE			2,350,000		(2,350,000)
021-1114-85011:SPILLGATE REPAIRS-PROFESSIONA			478,000		(478,000)
021-1114-85080:SPILLGATE REPAIRS-MATL			935,000		(935,000)
021-1114-85099:SPILLGATE REPAIRS-MISC			5,000		(5,000)
Total			**3,768,000**		**(3,768,000)**
021-1114-85307:UPGRADE SUSP BRDG CBL SYS-SER			175,000		(175,000)
021-1114-85311:UPGRADE SUSP BRDG CBL SYS-PR			10,000		(10,000)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
021-1114-85399:UPGRADE SUSP BRDG CBL SYS-MIS			2,000		(2,000)
Total			**187,000**		**(187,000)**
092-1114-85480:CAMPGROUND EXPANSION-MAT'L			25,000		(25,000)
Total			**25,000**		**(25,000)**
131-1114-85507:SCADA SYSTEM UPGRAGE-SERVICE	8,923.95				
131-1114-85580:SCADA SYSTEM UPGRAGE-MATL'S	9,329.70				
021-1114-85598:SCADA-UPGRADE/STANDARD-W/O	(18,253.65)				
070-1114-85607:OCEAN DRIVE UPGRADE-SERVICE			12,000		(12,000)
Total			**12,000**		**(12,000)**
092-1114-85780:PLAYGROUND UPGRADE-MAT'L				10,000	10,000
Total				**10,000**	**10,000**
131-1114-85807:REPLACE WTR ELEC PANLS-SERVIC			29,000		(29,000)
Total			**29,000**		**(29,000)**
100-1114-86307:RWPS ELECTRICAL-SERVICE	(34,248.00)				
100-1114-86380:RWPS ELECTRICAL-MAT'L	(83,175.00)				
Total	**(117,423.00)**				
035-1114-86402:EMERGENCY GEN INSTALL-SUPERV		87			
035-1114-86403:EMERGENCY GEN INSTALL-LABOR		6,900			
035-1114-86404:EMERGENCY GEN INSTALL-BENEFIT		2,763			
035-1114-86407:EMERGENCY GEN INSTALL-SERVICE		103,122			
035-1114-86408:EMERGENCY GEN INSTALL-A&G		2,251			
035-1114-86480:EMERGENCY GEN INSTALL-MAT'L	(121,874.04)	8,942			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total	**(121,874.04)**	**124,065**			
043-1114-86507:HENKE CROSSING-SERVICE	6,160.00				
043-1114-86580:HENKE CROSSING-MAT'L	1,261.89				
043-1114-86598:HENKE CROSSING-W/O	(15,931.71)				
Total	**(8,509.82)**				
060-1114-86807:RESTROOM UPGRADE-SERVICE	5,872.00	9,407			
Total	**5,872.00**	**9,407**			
092-1114-86907:LOOP #1 RESTROOM ROOF-SERVIC			25,000		(25,000)
Total			**25,000**		**(25,000)**
060-1114-87707:TTHM MITIGATION-SERVICES		28,776	75,960	75,960	
060-1114-87711:TTHM MITIGATION-PROF FEES			136,695	11,763	(124,932)
060-1114-87780:TTHM MITIGATION-MATERIALS		19,579	73,370	73,370	
060-1114-87798:TTHM MITIGATION-W/O		(48,355)			
Total			**286,025**	**161,093**	**(124,932)**
033-1114-87807:SOUTH BANK LS REHAB-SERVICE				172,303	172,303
Total				**172,303**	**172,303**
131-1114-87907:REPLACE DUCTILE TRANS-SERVICE			51,000	52,000	1,000
120-1114-87911:PENSTOCK MANHOLE-PROF. FEES			2,000	5,000	3,000
120-1114-87999:PENSTOCK MANHOLE-MISC.			2,000	3,000	1,000
Total			**55,000**	**60,000**	**5,000**
130-1114-88307:CLEAN OUT DIGESTOR/LARREMORE			190,000		(190,000)
021-1114-88311:REPLACE TIE BARS-PROF FEES			9,000		(9,000)
021-1114-88380:REPLACE TIE BARS-MATERIAL			18,000		(18,000)
021-1114-88399:REPLACE TIE BARS-MISC			3,000		(3,000)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total			**220,000**		**(220,000)**
130-1114-88407:CHLORINE ROOM/CYLINDER PAD-SE			15,000		(15,000)
Total			**15,000**		**(15,000)**
021-1114-90507:D.L.S. ERROSION REPAIRS-SERVIC	3,082.50				
021-1114-90580:D.L.S. ERROSION REPAIRS-MAT'L		8,800			
021-1114-90598:D.L.S. ERROSION REPAIRS-W/O	(3,082.50)	(8,800)			
021-1114-91380:SPILLGATE STRUCT'L RPRS-MAT'L	71.99				
021-1114-91398:SPILLGATE STRUCT'L RPRS-W/O	(71.99)				
TOTAL WIP - OPERATING	**(122,158.98)**	**1,125,884**	**8,797,547**	**508,396**	**(8,289,151)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
WIP - CONSTRUCTION					
010-1115-81305:OFFICE RENOVATION/EXP-TRAVEL			10,000		(10,000)
010-1115-81307:OFFICE RENOVATION/EXP-SERVICE			320,000		(320,000)
010-1115-81311:OFFICE RENOVATION/EXP-PROF			4,000		(4,000)
010-1115-81330:OFFICE RENOVATION/EXP-CONST			3,230,000		(3,230,000)
010-1115-81399:OFFICE RENOVATION/EXP-MISC			2,000		(2,000)
Total			**3,566,000**		**(3,566,000)**
TOTAL WIP - CONSTRUCTION			**3,566,000**		**(3,566,000)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

	FY 2018 BUDGET
WATER RIGHTS	
SURFACE WATER RIGHTS-E.C.-Water Sales	301,000
Total WATER RIGHTS	**301,000**
STRUCTURES & IMPROVEMENTS	
CHLORINE STORAGE BUILDING-RUD Systems	15,000
GPS INFRASTRUCTURE-Water Sales	95,000
INSTALL-12 INCH VALVE-RIO CORDILLERA-Cordillera WTP	10,000
INSTALL-UNIT 104 TANK REPLACEMENT-Cordillera WTP	20,000
DRIVE-BY METER SYSTEM UPGRADE-Rural Water	325,000
REPLACEMENT 2,500 GAL PRESSURE WATER TANK-Coleto Creek Recreation	52,000
Total STRUCTURES & IMPROVEMENTS	**517,000**
HYD. SUP. ELECTRIC EQUIP	
PLC REPLACEMENT-Canyon Hydroelectric	77,700
Total HYD. SUP. ELECTRIC EQUIP	**77,700**
WATER METERS & EQUIPMENT	
WATER METERS-Cordillera WTP	12,000
Total WATER METERS & EQUIPMENT	**12,000**
AUTO & HEAVY EQUIPMENT	
BUOY HOIST-G.V. Hydroelectric Division	58,000
DIVERSION TRUCK-Water Sales	35,000
RTV-Water Sales	22,000
TRACTOR-Water Sales	55,000
TRUCK FOR CONST. INSPECTOR-Water Sales	40,000
WORK BOAT-Water Sales	40,000
F450 SERVICE TRUCK-Calhoun Canal	45,000
REPLACEMENT TRUCK WITH CRANE-Western Canyon WTP	40,000
PRESSURE REDUCING VALVES-Comal Trace WDS	12,000
REPLACEMENT TRUCK-Coleto Creek Recreation	20,000
Total AUTO & HEAVY EQUIPMENT	**367,000**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

	FY 2018 BUDGET
OFFICE FURN. & EQUIP.	
ACCOUNTING SOFTWARE-General Division	150,000
ASSET MANAGEMENT PROGRAM-General Division	200,000
CONTRACT MANAGEMENT SOFTWARE-General Division	6,000
HUMAN RESOURCE SOFTWARE-General Division	50,000
OFFICE FURNITURE-General Division	5,000
RA A/V DIGITAL UPGRADE-General Division	50,000
REPLACE FIREWALLS-General Division	17,000
SCANNING SOFTWARE-General Division	4,000
TIMECLOCKPLUS SOFTWARE UPGRADE-General Division	10,000
TTHM ANALYZER-Western Canyon Division	50,000
Total OFFICE FURN. & EQUI	**542,000**
MISCELLANEOUS EQUIPMENT	
OUTBOARD BOAT MOTOR-Hydroelectric Division	6,100
TWO WORK BARGES-Hydroelectric Division	10,000
LAB EQUIPMENT-RUD Systems	6,000
BACKWASH BLOWER-San Marcos WTP	90,000
ENGINE DRIVEN DIAPHRAM PUMP-Rural Water	3,000
NIGHT DROP BOX-Rural Water	10,000
Total MISCELLANEOUS EQUIPMENT	**125,100**
TOTAL CAPITAL ADDITIONS	**1,941,800**



Seguin Administrative Office

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.

Accounting and Finance 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 8/31/18

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 and education.

The General Division employs 34 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 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 2018 is estimated at $3,653,322. The remainder of the Division's revenue is from interest on investments in the amount of $37,056.

The total revenue budgeted for the General Division in FY 2018 is approximately 10% more than the previous year with no change to the administrative rate charged to the various GBRA divisions. This amount is calculated based on the amount each division budgeted in FY 2018 for labor costs.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The work plan for FY 2018 includes a projected 10% increase in total budgeted operating and maintenance expenditures from FY 2017 adjusted budget. The increase is primarily a result of budgeted capital outlay to improve and update GBRA's information technology business software as well as implement a new asset management program. The largest single cost component of the Division budget is personnel costs at $1,651,626. Other significant expenditures in FY 2018 are for power and utilities at $90,000, professional fees at $326,600 and capital outlay of $492,000.

Included in the General Project Fund for FY 2018 is a Vacuum Truck purchase for use by the Rural Utilities Division. The operating divisions utilizing the asset will reimburse the General Division through a vehicle use charge included in those operating division's budgets. The intent is to expand and utilize this concept to establish a GBRA vehicle program that serves all divisions through a consistent vehicle use charge. Through this process GBRA can better manage all vehicle assets based on lifetime costs and pass this benefit to all customers. The detail of this fund is included at the end of this section.

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 increasing from operating activities by $64,105.

Staffing Summary

General	# of Authorized Positions (FTE)		
	2016	2017	2018
General Manager/CEO	1	1	1
Senior Deputy General Manager	---	1	1
Deputy General Manager	---	1	1
Senior Advisor to the General Manager	---	---	1
Advisor to the General Manager	---	---	1
General Counsel	1	1	1
Executive Manager of Finance & Administration/CFO	1	1	1
Executive Manager of Science, Intergov't Relations & Policy	1	1	---
Executive Manager of Strategic Comm. & Education	1	1	1
Assistant General Counsel	---	---	1
Deputy CFO-Accounting & Purchasing	1	1	1
Deputy CFO-Finance & Administration	1	1	1
Human Resources Director	1	1	1
Manager of Project Engineering	1	1	---
Technical Consultant	1	1	---
Accounting Manager	---	1	1
Human Resources Manager	1	1	1
Executive Assistant to the General Counsel	1	1	1
Executive Assistant to the General Manager	1	1	1
Grant Writer/Administrator	1	1	1
IT Manager	1	1	1
SCADA Administrator	---	---	1
Web/Application Developer	1	1	1
Environmental Education Administrator	1	1	1
Projects & Publications Specialist	2	2	2
Facilities Technician	1	1	---
Operations Assistant	1	1	---
Social Media/Community Relations Specialist	---	--	1
Accounting Assistant	3	3	3
Construction Inspector	3	3	---
Records Manager	1	1	1
Accounting Clerk	0.5	1	1
Communications/Education Assistant	1	1	1
Customer Service Assistant	2	2	2
Administrative Technical Specialist	0.5	0.5	1
Records Clerk	1	1	1
Maintenance Technician	1	1	---
Utility Accounts Assistant	1	1	---
Total	**35**	**38.5**	**34**

Staffing Summary

Changes from FY 2016 to FY 2017

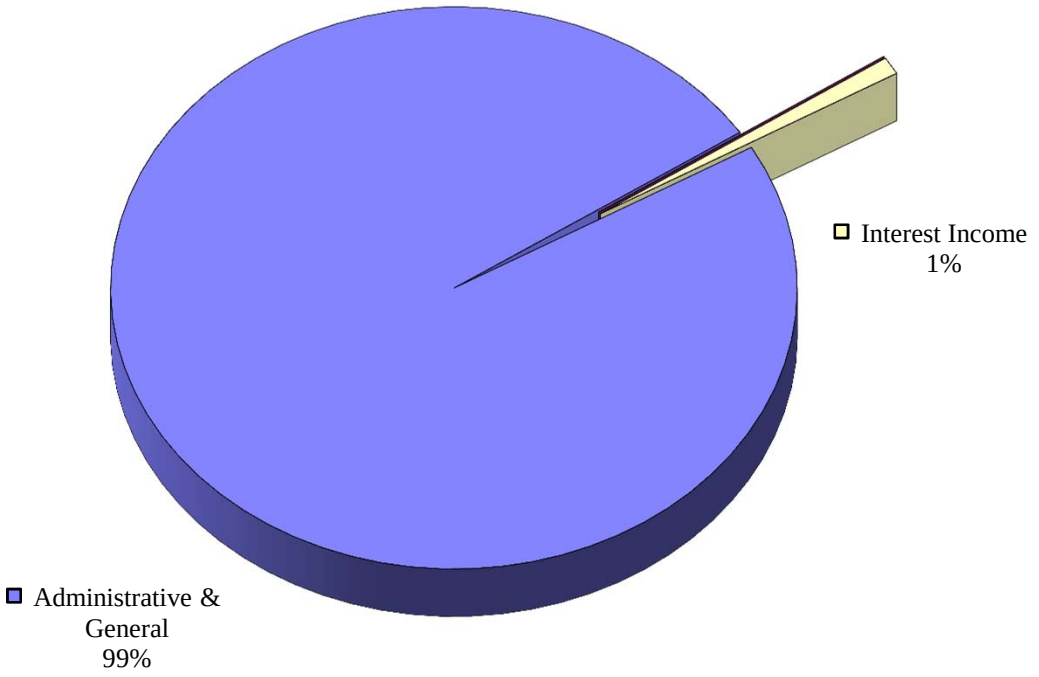
1-Senior Deputy General Manager position was added.
1-Deputy General Manager position was added
1-Internal Audit Manager position was added
½-Accounting Clerk changed from P/T to F/T
* Board Relations & Publications Specialist changed to Projects & Publications Specialist
* Public Communications Assistant changed to Communications/Education Assistant

Changes from FY 2017 to FY 2018

1-Senior Advisor to the General Manager was added.
1-Assistant General Counsel was added.
3-Moved from Water Sales: Advisor to the General Manager, SCADA Administrator and Social Media/Community Relations Specialist.
½-Administrative Technical Specialst changed from P/T to F/T
10-Moved to Water Sales: Executive Manager of Resource Policy & Stewardship, Manager of Project Engineering, Technical Consultant, Facilities Technician, Operations Assistant, Construction Inspector (3), Maintenance Technician, and Utility Accounts Assistant

Budget Summary

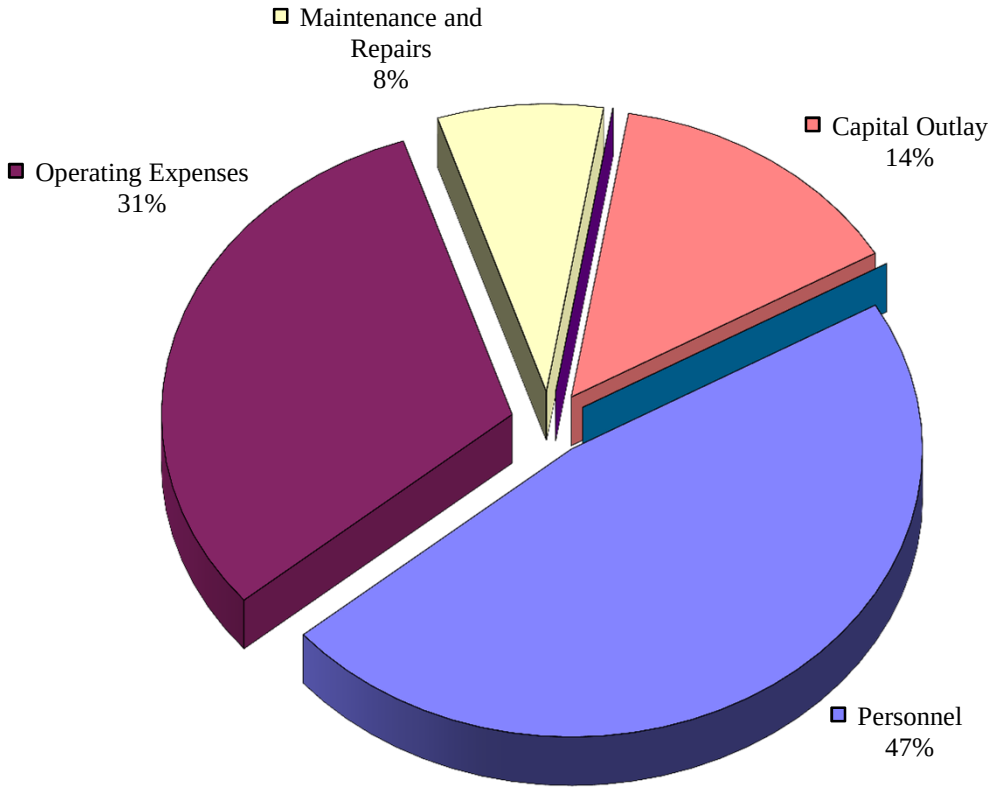
REVENUES - General



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals			
Administrative & General	2,943,855	3,314,943	3,653,322
Miscellaneous Income	100,803		
Total Operating Revenue	**3,044,659**	**3,314,943**	**3,653,322**
Interest Income	38,730	29,340	37,056
Grand Total Revenues	**3,083,389**	**3,344,283**	**3,690,378**

Budget Summary

EXPENSES - General



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	1,579,199	1,561,302	1,651,626
Operating Expenses	1,192,060	1,048,796	1,089,608
Maintenance and Repairs	237,595	267,475	267,475
Administrative & General			
Total Operating Expenses	**3,008,854**	**2,877,573**	**3,008,709**
Interest Expense		150,000	
Capital Outlay	97,078	3,722,000	492,000
Debt Service		45,156	
Grand Total Expenses	**3,105,932**	**6,794,729**	**3,500,709**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

010 - GENERAL

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
ADMIN & GEN INCOME:					
010-2418-10100:A & G - OPERATIONS	2,691,995.63	2,852,247	3,124,101	3,387,369	263,268
010-2418-10300:A & G - PROJECT DEVELOP.	96,643.80	91,609	190,842	265,953	75,111
Total ADMIN & GEN INCOME	**2,788,639.43**	**2,943,855**	**3,314,943**	**3,653,322**	**338,379**
MISCELLANEOUS INCOME:					
010-2440-19900:MISCELLANEOUS REVENUES	5,475.47	100,803			
Total MISCELLANEOUS INCOME	**5,475.47**	**100,803**			
INTEREST INCOME:					
010-2420-10000:INT ON OPERATING FUNDS	38,695.89	24,799	20,400	25,500	5,100
010-2420-10001:FAIR VALUE CHG OF INVEST.	(23,645.03)	(3,814)			
010-2420-15000:INT ON NOW ACCTS	793.86	1,379	900	900	
010-2420-20000:INT ON RESTRICTED FUND	615.11	796	360	236	(124)
010-2420-20001:FAIR VALUE CHG OF INVEST.	(151.50)	45			
010-2420-20100:INT ON INSURANCE FUND	8,342.67	8,244	5,400	7,900	2,500
010-2420-20101:FAIR VALUE CHG OF INVEST.	(4,204.49)	4,452			
010-2420-22000:INT ON WORKERS COMP FUND	2,605.82	2,052	1,920	1,995	75
010-2420-22001:FAIR VALUE CHG OF INVEST.	(922.23)	233			
010-2420-25000:INT-PROP RESERVE	158.64	541	360	525	165
010-2420-35000:INT ON INVEST SAFEKEEPING FUND	16.45	4			
Total INTEREST INCOME	**22,305.19**	**38,730**	**29,340**	**37,056**	**7,716**
TOTAL OPERATING REVENUES	**2,816,420.09**	**3,083,389**	**3,344,283**	**3,690,378**	**346,095**
SALARIES & WAGES					
SUPERVISION	711,367.01	819,809	665,643	864,907	199,265
OPERATING LABOR	327,710.68	337,128	424,181	289,275	(134,906)
MAINTENANCE LABOR	60,494.96	69,042			
Total SALARIES & WAGES	**1,099,572.65**	**1,225,978**	**1,089,823**	**1,154,182**	**64,359**
DIRECTOR'S FEES & EXPENSES:					
010-2512-10001:DIRECTORS' FEES	21,150.00	18,150	27,000	20,000	(7,000)
010-2512-10002:DIRECTORS' EXPENSES	33,693.57	24,974	25,500	30,000	4,500
010-2512-10005:DIRECTORS' ADM. EXPS.	10,671.30	4,341	18,000	15,000	(3,000)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

010 - GENERAL

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total DIRECTOR'S FEES & EXPENSES	**65,514.87**	**47,465**	**70,500**	**65,000**	**(5,500)**
EMPLOYEE EXPENSES & BENEFITS:					
010-2512-20000:EMPLOYEES' TRAVEL	22,329.01	25,795	30,000	30,000	
010-2512-20001:EMP. TRVL-LEGISLATIVE ADV	251.01	123			
010-2512-30000:EMPLOYEE BENEFITS	(51,236.66)	327,302	441,478	467,444	25,965
Total EMPLOYEE EXPENSES & BENEFITS	**(28,656.64)**	**353,220**	**471,478**	**497,444**	**25,965**
OPERATING SUPPLIES & SERVICES:					
010-2513-10000:AUTO & TRUCK OPERATING EXP			20,000	20,000	
010-2513-10002:AUTO OPERATING EXPENSE	19,494.00	14,238			
010-2513-12001:BUILDING RENTAL	186,545.64	176,462	123,996	123,283	(713)
010-2513-16000:PUBLIC INFORMATION	4,286.51	10,321	7,500	7,500	
010-2513-16007:LEGISLATIVE ADVOCACY	5,000.00	2,500	2,500		(2,500)
010-2513-16013:PC-MEDIA EXPENSES	2,583.21	2,924	5,000	5,000	
010-2513-16018:PC-SPECIAL PROJECTS	11,148.10	10,223	12,000	30,000	18,000
010-2513-16020:PC-ANNUAL FINANCIAL REPORT	21,785.27	16,573	20,000	20,000	
010-2513-16025:PC-PROMOTIONAL MATERIAL	4,358.34	4,727	7,500	10,000	2,500
010-2513-16026:PC-GBRA HISTORY PROJECT		166			
010-2513-17000:DUES AND MEMBERSHIPS	5,237.56	7,051	12,000	10,000	(2,000)
010-2513-17001:DUES-LEGISLATIVE ADVOCACY	850.00		3,000	5,000	2,000
010-2513-18000:PUBLICATIONS AND BOOKS	12,942.82	8,495	10,000	2,500	(7,500)
010-2513-19000:SMALL TOOLS EXPENSE		1,134			
010-2513-20200:EMPLOYEE RELATIONS	38,874.69	52,085	20,000	20,000	
010-2513-20300:EMP VOLUNTEER PROGRAM	24,959.55	22,254	20,000	35,000	15,000
010-2513-20500:OUTREACH PROGRAM	154.65				
010-2513-21000:UNIFORMS AND LAUNDRY	6,684.46	6,134	6,000	6,000	
010-2513-27000:TRAINING EXPENSES	11,163.05	19,458	25,000	25,000	
010-2513-29000:SAFETY & EMERG. EXPENSES	559.82	2,739	2,000	2,000	
010-2513-29200:SECURITY EXPENSE	2,420.00	8,895	10,000	10,000	
010-2513-30000:POWER AND UTILITIES	87,703.33	81,517	90,000	90,000	
010-2513-60000:PROFESSIONAL FEES	204,486.96	297,310	200,300	250,000	49,700
010-2513-60001:PROF. FEES-LEGIS. ADVOC.	128,855.30	127,741	76,600	76,600	
010-2513-70000:COMMUNICATIONS	21,960.57	19,343	20,000	32,000	12,000
010-2513-80000:OFFICE SUPPLIES & EXPENSES	24,496.09	40,027	37,025	26,000	(11,025)
010-2513-80200:COMPUTER & SOFTWARE SERVICES	83,611.94	115,044	146,675	140,325	(6,350)
010-2513-80300:KITCHEN & JANITORIAL SERVICES	9,308.06	12,758	26,500	20,000	(6,500)
010-2513-80400:KITCHEN & JANITOR SUPPLY	5,345.68	6,298			
010-2513-80500:POSTAL EXPENSES	9,539.64	7,588	10,000	10,000	
010-2513-80600:REPRODUCTION/DUPLICATING	22,183.06	20,675	26,000	26,000	
010-2513-80700:OFFICE DECOR	4,146.28	2,083			
010-2513-80800:RECORDS MANAGEMENT	13,666.45	7,519	17,200	17,200	
010-2513-80900:GRAPHICS SUPPLIES	6,245.90	7,548	6,000	6,000	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

010 - GENERAL

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
010-2513-81000:SOFTWARE EXPENSES	21,467.69	25,305			
010-2513-81500:BANK SERVICE FEES	3,675.11	3,268	6,500	6,500	
010-2513-90000:INSURANCE EXPENSE	27,204.09	30,993	37,000	30,700	(6,300)
010-2513-99900:MISCELLANEOUS EXPENSES	9,264.80	17,300	20,000	10,000	(10,000)
Total OPERATING SUPPLIES & SERVICES	**1,042,208.62**	**1,188,695**	**1,026,296**	**1,072,608**	**46,312**
MAINTENANCE & REPAIR					
MATERIAL:					
010-2520-20001:M&R/MAT- OFFICE COMPLEX	6,196.33	8,034	5,000	5,000	
010-2520-20002:M&R/MAT- AIR CONDITIONING	2,982.17	1,527	4,900	4,900	
010-2520-20003:M&R/MAT- ELECTRICAL	3,871.68	5,764	5,000	5,000	
010-2520-20004:M&R/MAT- OFFICE EQP,FURN.	37.01	1,167	1,500	1,500	
010-2520-20005:M&R/MAT- GROUNDS	4,459.20	5,361	10,000	10,000	
010-2520-20006:M&R/MAT- POND	324.11		1,200	1,200	
010-2520-20007:M&R/MAT- SEDANS	468.28	1,683	2,150	2,150	
010-2520-20011:M&R/MAT- PLUMBING	3,035.33	845	1,000	1,000	
010-2520-20099:M&R/MAT- OTHER	29.86	29	1,000	1,000	
Total MATERIAL	**21,403.97**	**24,408**	**31,750**	**31,750**	
SERVICES:					
010-2520-30001:M&R/SER- OFFICE COMPLEX	66,454.67	92,991	85,000	85,000	
010-2520-30002:M&R/SER- AIR CONDITIONING	8,917.00	9,833	20,000	20,000	
010-2520-30003:M&R/SER- ELECTRICAL	3,510.00	3,630	3,000	3,000	
010-2520-30004:M&R/SER- OFFICE EQP,FURN.	390.00	3,644	5,125	5,125	
010-2520-30005:M&R/SER- GROUNDS	65,085.41	66,934	109,000	109,000	
010-2520-30006:M&R/SER- POND			1,000	1,000	
010-2520-30007:M&R/SER- SEDANS	8,194.65	10,806	9,000	9,000	
010-2520-30011:M&R/SER- PLUMBING	1,580.25	5,551	3,600	3,600	
010-2520-30099:M&R/SER- OTHER	50.00	19,797			
Total SERVICES	**154,181.98**	**213,187**	**235,725**	**235,725**	
CREDITS:					
010-2522-10000:EQUIPMENT USE CREDITS	(42,851.08)	(44,100)	(48,000)	(48,000)	
Total CREDITS	**(42,851.08)**	**(44,100)**	**(48,000)**	**(48,000)**	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

010 - GENERAL

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
INTEREST EXPENSE:					
010-2540-10000:INT ON LONG TERM LOANS			150,000		(150,000)
Total INTEREST EXPENSE			**150,000**		**(150,000)**
PURCHASES OF FIXED ASSETS					
LAND & LAND RIGHTS					
STRUCTURES & IMPROVEMENTS					
OFFICE BUILDINGS		14,268			
SHOPS & STOREROOMS					
AUTO & HEAVY EQUIPMENT		61,282	127,500		(127,500)
OFFICE FURN & EQUIPMENT	13,776.20	21,528	28,500	492,000	463,500
MISCELLANEOUS EQUIPMENT					
Total PURCHASES OF FIXED ASSETS	**13,776.20**	**97,078**	**156,000**	**492,000**	**336,000**
WIP-CONSTRUCTION			**3,566,000**		**(3,566,000)**
TOTAL OPERATING EXPENSES	**2,325,150.57**	**3,105,932**	**6,749,573**	**3,500,709**	**(3,248,864)**
NET OPERATING INCOME	**491,269.52**	**(22,543)**	**(3,405,290)**	**189,669**	**3,594,959**
BANK LOANS RECEIVED:					
010-1212-30001:BANK LOAN RECEIVABLE			3,566,000		(3,566,000)
Total BANK LOANS RECEIVED			**3,566,000**		**(3,566,000)**
INTERFUND LOANS REPAID:					
010-1153-02102:HYDRO GEN LOANS REPAID		500,000			
010-1153-03002:RUD LOANS REPAID		(21,667)		150,000	150,000
010-1153-03602:WIMBERLEY WWTP LOANS REPAID		(48,333)			
010-1153-04302:CANAL LOANS REPAID		55,000			
010-1153-06002:PT. LAVACA LOANS REPAID	68,000.00	216,500			
010-1153-07002:RURAL WATER LOANS REPAID	27,000.00				
010-1153-09202:COLETO CRK REC LOANS REPA	23,000.00	23,500			
010-1153-10002:LULING LOANS REPAID	25,200.00				
010-1153-12002:CANYON HYDRO LOANS REPAID	151,000.00				

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

010 - GENERAL

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total INTERFUND LOANS REPAID	**294,200.00**	**725,000**		**150,000**	**150,000**
USE OF RESERVE FUNDS:					
010-1131-00001:SOURCE-CHANGE IN RESTR. FUNDS			4,222,000		(4,222,000)
Total USE OF RESERVE FUNDS			**4,222,000**		**(4,222,000)**
TOTAL NON-REVENUE FUNDS RECEIVED	**294,200.00**	**725,000**	**7,788,000**	**150,000**	**(7,638,000)**
DEBT SERVICE PAYMENTS:					
010-1212-30002:BANK LOAN PAID			45,156		(45,156)
Total DEBT SERVICE PAYMENTS			**45,156**		**(45,156)**
INTERFUND LOANS MADE:					
010-1153-02101:HYDRO GEN LOANS MADE	613,850.00	31,500	4,210,000		(4,210,000)
010-1153-03001:RUD LOANS MADE	190,000.00	(62,500)			
010-1153-03301:CONSTRUCTION LOANS MADE		(90,000)			
010-1153-04301:CANAL LOANS MADE	178,600.00	61,200			
010-1153-05801:PARK VILLAGE LOANS MADE				129,457	129,457
010-1153-05901:FOUR S RANCH LOANS MADE				139,971	139,971
010-1153-06001:PT. LAVACA LOANS MADE	68,000.00	216,500			
010-1153-07001:RURAL WATER LOANS MADE	27,000.00				
010-1153-09201:COLETO CRK REC LOANS MADE	23,000.00	23,500	12,000		(12,000)
010-1153-10001:LULING LOANS MADE	25,200.00				
010-1153-12001:CANYON HYDRO LOANS MADE	110,000.00				
Total INTERFUND LOANS MADE	**1,235,650.00**	**180,200**	**4,222,000**	**269,428**	**(3,952,572)**
RESERVE FUND REPAYMENTS:					
010-1131-00002:USE-CHANGE IN RESTR. FUNDS			8,040	6,136	(1,904)
Total RESERVE FUND REPAYMENTS			**8,040**	**6,136**	**(1,904)**
TOTAL NON-OPERATING FUNDS APPLIED	**1,235,650.00**	**180,200**	**4,275,196**	**275,564**	**(3,999,632)**
NET CHANGE IN FUND BALANCE	**(450,180.48)**	**522,257**	**107,514**	**64,105**	**(43,409)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

010 - GENERAL

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
WIP - CONSTRUCTION					
010-1115-81305:OFFICE RENOVATION/EXP-TRAVEL			10,000		(10,000)
010-1115-81307:OFFICE RENOVATION/EXP-SERVICE			320,000		(320,000)
010-1115-81311:OFFICE RENOVATION/EXP-PROF			4,000		(4,000)
010-1115-81330:OFFICE RENOVATION/EXP-CONST			3,230,000		(3,230,000)
010-1115-81399:OFFICE RENOVATION/EXP-MISC			2,000		(2,000)
Total			**3,566,000**		**(3,566,000)**
TOTAL WIP - CONSTRUCTION			**3,566,000**		**(3,566,000)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

GENERAL

	FY 2018 BUDGET
OFFICE FURN. & EQUIP.	
ACCOUNTING SOFTWARE	150,000
ASSET MANAGEMENT PROGRAM	200,000
CONTRACT MANAGEMENT SOFTWARE	6,000
HUMAN RESOURCE SOFTWARE	50,000
OFFICE FURNITURE	5,000
RA A/V DIGITAL UPGRADE	50,000
REPLACE FIREWALLS	17,000
SCANNING SOFTWARE	4,000
TIMECLOCKPLUS SOFTWARE UPGRADE	10,000
Total OFFICE FURN. & EQUIP.	**492,000**
TOTAL CAPITAL ADDITIONS	**492,000**

General Division
General Project Fund

Project Description		FY 2018
Vehicle Program		
Vacuum Truck - Rural Utilities	$	125,000
Total	$	125,000
Projects Funded From Other Sources		
Total	$	-
Total General Project Fund FY 2018	$	125,000



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
- Location: Guadalupe/Gonzales Counties
- Startup Operation Date: 1928-1932
- Customer: GVEC
- Plant Capacity: 16 MW
- Average Kwh Produced: 62,225,000
- # of Current Employees: 23
- Budgeted Revenue: $3,885,835

Guadalupe Valley Hydroelectric Division
Operating Plan for Fiscal Year Ending 8/31/18

BACKGROUND

The Guadalupe Valley Hydroelectric Division (GVHD) operates 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). Additionally, the Division operates the Guadalupe Recreation System and two Raw Water Delivery Systems that are recognized by GBRA as a part of the Water Resource Division and will be discussed with that operating plan.

The 23 employees of Guadalupe Valley Hydroelectric Division (GVHD) are subdivided into three work groups consisting of the maintenance team, electrical/instrumentation technicians, and control room operators. Their common objective is the safe and efficient operation and maintenance of the Division's facilities. The Division Manager-Guadalupe/Gonzales Counties has overall responsibility to manage the Division while the General Division provides administrative assistance. It is through the combined efforts of these personnel that operation and maintenance is accomplished on the six generating plants, six dams, two electric substations, two canals, 22 miles of transmission lines, two raw water delivery systems and nine miles of road.

In the summer of 2017, GBRA and GVEC initiated a pilot project that entails having GBRA's GV hydroelectric generation assist with GVEC's peaking management during times of high demand on the overall Texas power grid. The pilot involves maximizing operations of the GV hydroelectric plants during those key days in the year resulting in lowering GVEC's demand on the power grid. Initial results of the pilot program have been successful and it is expected that the pilot program will evolve to full implementation resulting in cost savings for GVEC.

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 $125,000 and an energy charge of $0.0314 per kilowatt hour (kWh) of electricity generated. The benefit of the two-part rate structure is that during low flow periods some amount of income for the Division can be maintained. The Division's budgeted power sales revenue of $3,453,865 for FY 2018 is based upon the historical annual generation for the system of 62,225,000 kWhs. The aggregate rate including the fixed charge and assuming "normal" river flow conditions will be 5.55¢ per kWh.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The work plan for FY 2018 includes annual inspections of the Francis type turbines located at the Dunlap, McQueeney and Nolte power plants. Each of these inspections will take approximately two weeks. Quarterly inspections of the Kaplan type turbines will be conducted at three power plants. These inspections take one to two days for each plant. Turbine inspections are critical for the continued reliability and for maximum performance of the generating plants. Spill gate washout, inspection, and maintenance will be conducted at two or more of the spillways. This is very important because accumulation of mud and debris under the gates can render them difficult to operate. The Division's program of spill gate inspection and maintenance better assures the reliability of the spillway system. Transmission lines, circuit breakers, transformers, protective relays, and generators will also be inspected

and tested in accordance with the preventive maintenance program to assure electrical integrity. All of these work items are included within the total FY 2018 personnel budget of $1,892,219.

Significant maintenance expenses and capital additions for the ensuing Fiscal Year include:

- Purchase material for spill gate automation - $14,000.
- Purchase material for an automated spill gate intake cleaner - $13,000.
- Replace hook stick switches in electrical substations - $35,000
- Trim trees along transmission line right-of-way - $15,000.
- Transmission line maintenance - $25,000.
- Replace log boom floats - $5,000.
- Purchase two work barges -$10,000.
- Replace an outboard boat motor - $6,100.
- Purchase a Buoy Hoist - $58,000.
- Service and load tests emergency generators - $15,000.

Work authorizations in FY 2018 are as follows:

- Structural and erosion repairs on dams and levees - $106,000.

Also included in the proposed FY 2018 budget is a loan payment (principal and interest) in an amount equal to one year of debt service on an anticipated $4 million dollar loan for the first phase of the spill gate replacement program (H-5 gate replacement). To offset this outlay, included in Miscellaneous Revenues is an amount equal to the projected loan payment. This is presented as a projection subject to securing a funding source for the loan and the repayment of the loan. GBRA looks forward to working with GVEC and other partners in developing the long-term funding sources for this initial outlay as well as the entire spill gate replacement program throughout the GV Hydro System.

The $3,768,000 budgeted in FY 2017 for the spill gate rehabilitation program was funded in FY 2017 and is included in the GV Hydro Project Fund detailed at the end of this section. This is separate to the amount identified above for the H-5 gate replacement project.

FUND BALANCE

All of the above operating expenditures and work authorization costs are expected to be funded by hydroelectric power sales.

Staffing Summary

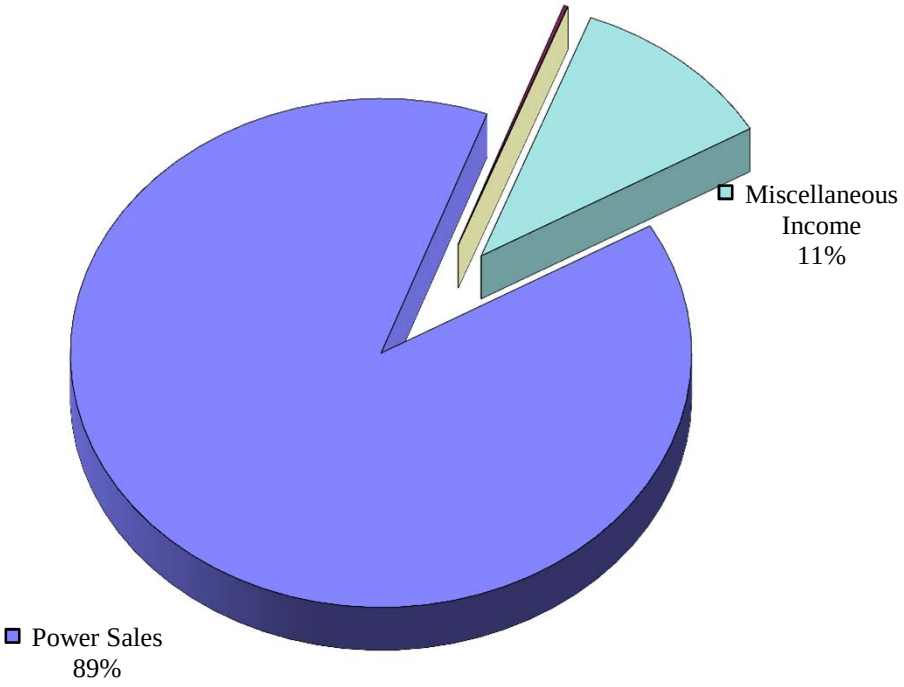
GV Hydroelectric	# of Authorized Positions (FTE)		
	2016	2017	2018
Division Manager - Hydroelectric & Rural Utilities	1	1	---
Deputy Division Manager - Hydroelectric & Rural Utilities	1	1	1
Maintenance Supervisor	3	3	1
Technical Consultant	---	---	2
Electrical/Instrumentation Technician	3	3	3
Purchasing & Inventory Coordinator	1	1	1
Control Room Operator	4	4	4
Heavy Equipment Operator	1	1	1
Plant Attendant	1	1	1
Maintenance Crew	9	9	9
Total	**24**	**24**	**23**

Changes from FY 2016 to FY 2017
No staffing changes for this division
* Reclassified two Maintenance Supervisor positions to Technical Consultant positions

Changes from FY 2017 to FY 2018
1-Division Manager - Guadalupe/Gonzales Counties was moved to Water Sales and title was changed to Division Manager - Hydroelectric & Rural Utilities.
* Assistant Division Manager was changed to Deputy Division Manager - Hydroelectric & Rural Utilities

Budget Summary

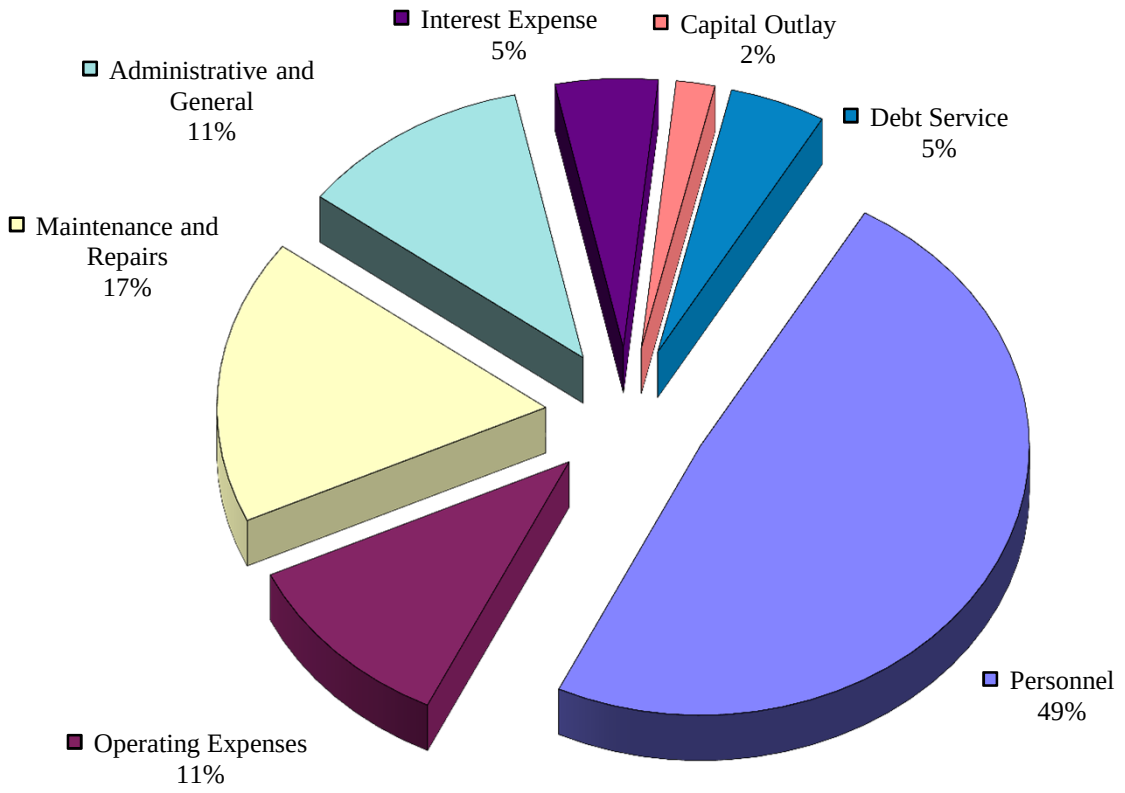
REVENUES - Guadalupe Valley Hydroelectric



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales	3,636,626	3,453,865	3,453,865
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals	12,190	7,400	7,400
Administrative & General			
Miscellaneous Income	212,557	36,500	424,570
Total Operating Revenue	**3,861,372**	**3,497,765**	**3,885,835**
Interest Income	3		
Grand Total Revenues	**3,861,375**	**3,497,765**	**3,885,835**

Budget Summary

EXPENSES - Guadalupe Valley Hydroelectric



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	1,912,007	1,969,014	1,894,219
Operating Expenses	524,909	352,550	428,500
Maintenance and Repairs	416,160	638,200	665,000
Administrative and General	450,320	462,003	444,435
Total Operating Expenses	**3,303,396**	**3,421,768**	**3,432,154**
Interest Expense			195,827
Capital Outlay	76,635	4,277,000	74,100
Debt Service	500,000		183,754
Grand Total Expenses	**3,880,031**	**7,698,768**	**3,885,835**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

021 - GUADALUPE VALLEY HYDROELECTRIC

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
POWER SALES:					
021-2412-10000:ENERGY CHARGE	1,170,318.82	2,136,626	1,953,865	1,953,865	
021-2412-10100:FACILITY CHARGE	1,500,000.00	1,500,000	1,500,000	1,500,000	
Total POWER SALES	**2,670,318.82**	**3,636,626**	**3,453,865**	**3,453,865**	
RENTALS:					
021-2417-10000:RENTAL INCOME	12,598.56	10,176	6,000	6,000	
021-2417-10400:RENTALS - AG LEASES	1,513.90	2,014	1,400	1,400	
Total RENTALS	**14,112.46**	**12,190**	**7,400**	**7,400**	
MISCELLANEOUS INCOME:					
021-2440-19500:RENEWABLE ENERGY CREDIT SALE	5,023.00	13,007	15,500	15,500	
021-2440-19700:HYDRO MODIFICATION PERMITS	19,700.00	23,546	21,000	36,000	15,000
021-2440-19900:MISCELLANEOUS REVENUES	5,513.30	176,003		373,070	373,070
Total MISCELLANEOUS INCOME	**30,236.30**	**212,557**	**36,500**	**424,570**	**388,070**
INTEREST INCOME:					
021-2420-11000:INT-LK DUNLAP SPECIAL ACCT	3.53	3			
Total INTEREST INCOME	**3.53**	**3**			
GAIN(LOSS) ON SALE OF ASSETS:					
021-2612-00000:LOSS ON SALE OF ASSETS	6,873.91				
Total GAIN(LOSS) ON SALE OF ASSETS	**6,873.91**				
TOTAL OPERATING REVENUES	**2,721,545.02**	**3,861,375**	**3,497,765**	**3,885,835**	**388,070**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	43,746.91	46,949	52,540	79,953	27,413
SUPERVISION	164,008.73	167,059	192,571	128,401	(64,170)
OPERATING LABOR	641,075.59	701,034	1,154,899	1,138,421	(16,479)
MAINTENANCE LABOR	520,099.77	444,025			
Total SALARIES & WAGES	**1,368,931.00**	**1,359,066**	**1,400,010**	**1,346,775**	**(53,235)**
EMPLOYEE EXPENSES & BENEFITS:					
021-2512-20000:EMPLOYEES' TRAVEL	1,266.17	3,823	2,000	2,000	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

021 - GUADALUPE VALLEY HYDROELECTRIC

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
021-2512-30000:EMPLOYEE BENEFITS	560,213.09	549,117	567,004	545,444	(21,560)
Total EMPLOYEE EXPENSES & BENEFITS	**561,479.26**	**552,941**	**569,004**	**547,444**	**(21,560)**
OPERATING SUPPLIES & SERVICES:					
021-2513-10000:TRUCK OPERATING EXPENSES	52,452.80	43,537	46,000	45,000	(1,000)
021-2513-12001:BUILDING RENTAL	31,243.80	26,231	16,200	16,200	
021-2513-17000:DUES AND MEMBERSHIPS	874.88	1,515			
021-2513-19000:SMALL TOOLS EXPENSE	12,688.82	11,673			
021-2513-20000:TRACTORS AND EQUIPMENT	120.62	133	200	200	
021-2513-21000:UNIFORMS AND LAUNDRY	11,726.99	11,948	12,000	13,000	1,000
021-2513-22000:PROCESS/SPECIAL OPERATING	7,268.60	5,486	13,000	14,000	1,000
021-2513-27000:TRAINING EXPENSES	6,428.48	5,740	19,000	19,000	
021-2513-29000:SAFETY & EMERG. EXPENSES	17,622.31	15,037	22,700	28,000	5,300
021-2513-29100:SAFETY BOOTS & GLASSES	2,292.44	2,470			
021-2513-30000:POWER AND UTILITIES	23,044.88	21,643	25,000	25,000	
021-2513-30100:AUXILLIARY POWER EXPENSE	76.03	625	1,000	1,000	
021-2513-50000:LAB SUPPLIES & EXPENSES		379			
021-2513-60000:PROFESSIONAL FEES	3,026.25	145,281	9,000	69,000	60,000
021-2513-60001:PROF. FEES-LEGIS. ADVOC.		2,250			
021-2513-67000:ERCOT EXPENSES		1,200			
021-2513-70000:COMMUNICATIONS	7,241.36	7,584	7,000	8,000	1,000
021-2513-80000:OFFICE SUPPLIES & EXPENSES	4,386.53	2,494	3,500	3,000	(500)
021-2513-80200:COMPUTER SUPPLIES & SERVICE	7,503.46	6,026	12,000	15,000	3,000
021-2513-80400:KITCHEN & JANITOR SUPPLY	908.19	869	1,500	1,000	(500)
021-2513-80401:WAREHOUSE & JANITOR SERV	3,900.00	3,900	4,000	4,000	
021-2513-81500:BANK SERVICE FEES	(52.02)		300		(300)
021-2513-90000:INSURANCE EXPENSE	119,423.49	124,598	133,900	140,100	6,200
021-2513-99900:MISCELLANEOUS EXPENSES	9,776.00	18,648	26,250	27,000	750
Total OPERATING SUPPLIES & SERVICES	**321,953.91**	**459,266**	**352,550**	**428,500**	**75,950**
MAINTENANCE & REPAIR					
MATERIAL:					
021-2520-20010:M&R/MAT- WAREHOUSE	531.64		100	500	400
021-2520-20011:M&R/MAT- CLEAN PWR HOUSES	126.79	416			
021-2520-20012:M&R/MAT- PAINT PWR HOUSES	128.92	38			
021-2520-20013:M&R/MAT- PWR HOUSES&EQUIP	10,108.46	4,230	20,200	22,000	1,800
021-2520-20018:M&R/MAT- SAFETY	1,068.01	1,926			
021-2520-20021:M&R/MAT- FLASH BOARDS	821.74	373	500	1,000	500
021-2520-20022:M&R/MAT- GATE ROLLERS	7.54	12			
021-2520-20023:M&R/MAT- LOG BOOMS/TRASH RACK	26,834.09	29,758	7,000	2,000	(5,000)
021-2520-20024:M&R/MAT- LEVEES & CANALS	1,776.90	31	110,000	110,000	
021-2520-20025:M&R/MAT- GEN. GATE WORK	24,884.58	4,966	39,000	40,000	1,000

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

021 - GUADALUPE VALLEY HYDROELECTRIC

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
021-2520-20027:M&R/MAT- SIGNS & BUOYS	124.68	5,555	10,000	10,000	
021-2520-20031:M&R/MAT- MOW PROPERTIES	16.86	17	1,000		(1,000)
021-2520-20032:M&R/MAT- BRUSH&WEED CNTRL	1,322.79	684			
021-2520-20033:M&R/MAT- ROADS & BRIDGES	2,492.55	6,466			
021-2520-20034:M&R/MAT- FENCES	426.43	112			
021-2520-20035:M&R/MAT- CLEAN PROPERTIES	189.33	259			
021-2520-20041:M&R/MAT- TURBINE INSPECT.	3,216.30	2,679			
021-2520-20042:M&R/MAT- GENERATORS	177.11	1,474	3,000	3,000	
021-2520-20043:M&R/MAT- TURBINE/GOVERNOR	27,023.95	33,143	23,000	26,000	3,000
021-2520-20045:M&R/MAT- SWITCHGEAR	16,249.65		12,800	13,000	200
021-2520-20051:M&R/MAT- CONTROL SYSTEM	10,460.09	15,722	15,000	15,000	
021-2520-20052:M&R/MAT- COMMUNICATION SY	106.01	895			
021-2520-20053:M&R/MAT- TELEPHONE SYSTEM			100		(100)
021-2520-20060:M&R/MAT- SUBSTATIONS	4,380.00	1,364	25,400	25,000	(400)
021-2520-20061:M&R/MAT- TRANS. LINES	4,490.48	531	2,000	5,000	3,000
021-2520-20062:M&R/MAT- TRANSFORMERS	2.96				
021-2520-20070:M&R/MAT- SMALL EQUIPMENT	3,588.50	4,013	2,000	5,000	3,000
021-2520-20071:M&R/MAT- TRACTORS	2,753.89	181	200	2,000	1,800
021-2520-20072:M&R/MAT- HEAVY EQUIPMENT	1,522.29	1,453	5,000	5,000	
021-2520-20073:M&R/MAT- LIGHT TRUCKS	1,667.13	1,069	1,000	2,000	1,000
021-2520-20074:M&R/MAT- LARGE TRUCKS	3,508.02	1,289	500	1,000	500
021-2520-20075:M&R/MAT- TRAILERS	450.69	318	1,000	1,000	
021-2520-20081:M&R/MAT- TURBINES	19.84	4			
021-2520-20085:M&R/MAT- STRUCTURAL	80.97				
021-2520-20086:M&R/MAT- TRANSMISSION LNS		2,887			
021-2520-20090:M&R/MAT- RADIO EQUIPMENT	927.80				
Total MATERIAL	**151,486.99**	**121,862**	**278,800**	**288,500**	**9,700**
SERVICES:					
021-2520-30010:M&R/SER- WAREHOUSE	1,960.19	1,582	500	500	
021-2520-30011:M&R/SER- CLEAN PWR HOUSES		363			
021-2520-30013:M&R/SER- PWR HOUSES&EQUIP	8,557.24	3,838	72,500	70,000	(2,500)
021-2520-30018:M&R/SER- SAFETY	85.25	3,215			
021-2520-30021:M&R/SER- FLASH BOARDS	287.70	1,610	2,000	3,000	1,000
021-2520-30023:M&R/SER- LOG BOOMS/TRASH RACK	21,312.05	42,382	25,000	25,000	
021-2520-30024:M&R/SER- LEVEES & CANALS	23,465.30	343	20,000	20,000	
021-2520-30025:M&R/SER- GEN. GATE WORK	40,778.95	49,241	35,000	40,000	5,000
021-2520-30027:M&R/SER- SIGNS & BUOYS	205.50	3,104		1,000	1,000
021-2520-30030:M&R/SER- GEN. OFFICE BLDG	10,953.40	11,774	4,500	6,000	1,500
021-2520-30031:M&R/SER- MOW PROPERTIES	66,650.78	76,844	60,000	65,000	5,000
021-2520-30033:M&R/SER- ROADS & BRIDGES		438			
021-2520-30034:M&R/SER- FENCES	753.50	562			
021-2520-30035:M&R/SER- CLEAN PROPERTIES	7,247.85	13,026			
021-2520-30041:M&R/SER- TURBINE INSPECT.		848			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

021 - GUADALUPE VALLEY HYDROELECTRIC

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
021-2520-30042:M&R/SER- GENERATORS			4,000	4,000	
021-2520-30043:M&R/SER- TURBINE/GOVERNOR	3,046.21	12,414	3,500	5,000	1,500
021-2520-30045:M&R/SER- SWITCHGEAR	1,150.00		5,000	5,000	
021-2520-30051:M&R/SER- CONTROL SYSTEM	3,421.85	5,704	31,000	32,000	1,000
021-2520-30060:M&R/SER- SUBSTATIONS	15,424.75	3,625	32,000	30,000	(2,000)
021-2520-30061:M&R/SER- TRANS. LINES	14,199.52	11,500	35,000	40,000	5,000
021-2520-30062:M&R/SER- TRANSFORMERS			2,000		(2,000)
021-2520-30070:M&R/SER- SMALL EQUIPMENT	6,063.74	8,385	7,000	7,000	
021-2520-30071:M&R/SER- TRACTORS	991.16	1,779	400	3,000	2,600
021-2520-30072:M&R/SER- HEAVY EQUIPMENT	1,046.10	783	4,000	3,000	(1,000)
021-2520-30073:M&R/SER- LIGHT TRUCKS	12,394.59	13,362	10,000	10,000	
021-2520-30074:M&R/SER- LARGE TRUCKS	14,202.08	8,535	5,000	5,000	
021-2520-30075:M&R/SER- TRAILERS	116.25	574	1,000	2,000	1,000
021-2520-30085:M&R/SER- STRUCTURAL		14,931			
021-2520-30090:M&R/SER- RADIO EQUIPMENT	4,590.60	3,539			
Total SERVICES	**258,904.56**	**294,299**	**359,400**	**376,500**	**17,100**
CREDITS:					
021-2522-10000:EQUIPMENT USE CREDITS	(29,099.82)	(27,878)			
Total CREDITS	**(29,099.82)**	**(27,878)**			
ADMINISTRATIVE & GENERAL:					
021-2525-00000:A & G EXPENSES	451,747.34	450,320	462,003	444,435	(17,568)
Total ADMINISTRATIVE & GENERAL	**451,747.34**	**450,320**	**462,003**	**444,435**	**(17,568)**
INTEREST EXPENSE:					
021-2540-50000:INT: GATE REPAIR, LKWOOD				195,827	195,827
Total INTEREST EXPENSE				**195,827**	**195,827**
PURCHASES OF FIXED ASSETS					
LAND & LAND RIGHTS					
WATER RIGHTS					

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

021 - GUADALUPE VALLEY HYDROELECTRIC

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
STRUCTURES & IMPROVEMENTS					
SPECIALIZED OPER. EQUIPMENT					
COMMUNICATION EQUIPMENT					
AUTO & HEAVY EQUIPMENT	(57,968.00)	35,312	37,000	58,000	21,000
OFFICE FURN & EQUIPMENT			7,000		(7,000)
MISCELLANEOUS EQUIPMENT	(9,313.76)	41,323	6,000	16,100	10,100
Total PURCHASES OF FIXED ASSETS	**(67,281.76)**	**76,635**	**50,000**	**74,100**	**24,100**
PROJECT DEVELOPMENT	**(58.11)**				
PROJECT RECLASS TO OPR EXPENSES	**121,354.54**	**93,521**			
WIP-OPERATING			**4,227,000**		**(4,227,000)**
TOTAL OPERATING EXPENSES	**3,139,417.91**	**3,380,031**	**7,698,768**	**3,702,081**	**(3,996,686)**
NET OPERATING INCOME	**(417,872.89)**	**481,344**	**(4,201,003)**	**183,754**	**4,384,756**
INTERFUND LOANS RECEIVED:					
021-1213-00001:GENERAL LOANS REC.	613,850.00	31,500	4,210,000		(4,210,000)
Total INTERFUND LOANS RECEIVED	**613,850.00**	**31,500**	**4,210,000**		**(4,210,000)**
TOTAL NON-REVENUE FUNDS RECEIVED	**613,850.00**	**31,500**	**4,210,000**		**(4,210,000)**
DEBT SERVICE PAYMENTS:					
021-1213-00002:GENERAL LOANS PAID		500,000			
021-1212-50002:LOAN PAID: GATE REPAIR,LKWOOD				183,754	183,754
Total DEBT SERVICE PAYMENTS		**500,000**		**183,754**	**183,754**
TOTAL NON-OPERATING FUNDS APPLIED		**500,000**		**183,754**	**183,754**
NET CHANGE IN FUND BALANCE	**195,977.11**	**12,844**	**8,997**	**()**	**(8,998)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

021 - GUADALUPE VALLEY HYDROELECTRIC

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
PROJECT DEVELOPMENT					
021-1187-92713:DAM SAFETY PROGRAM-PROF FE	80,688.29	84,721			
021-1187-92798:DAM SAFETY PROGRAM-W/O	(80,746.40)	(84,721)			
Total	**(58.11)**				
TOTAL PROJECT DEVELOPMENT	**(58.11)**				

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

021 - GUADALUPE VALLEY HYDROELECTRIC

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
WIP - OPERATING					
021-1114-22607:REPLACE FENDER BOARDS-SERVIC	19,200.00		35,000		(35,000)
021-1114-22680:REPLACE FENDER BOARDS-MAT'L			15,000		(15,000)
021-1114-22698:REPLACE FENDER BOARDS-W/O	(19,200.00)				
021-1114-22699:REPLACE FENDER BOARDS-MISC			2,000		(2,000)
Total			**52,000**		**(52,000)**
021-1114-85007:SPILLGATE REPAIRS-SERVICE			2,350,000		(2,350,000)
021-1114-85011:SPILLGATE REPAIRS-PROFESSIONA			478,000		(478,000)
021-1114-85080:SPILLGATE REPAIRS-MATL			935,000		(935,000)
021-1114-85099:SPILLGATE REPAIRS-MISC			5,000		(5,000)
Total			**3,768,000**		**(3,768,000)**
021-1114-85307:UPGRADE SUSP BRDG CBL SYS-SER			175,000		(175,000)
021-1114-85311:UPGRADE SUSP BRDG CBL SYS-PR			10,000		(10,000)
021-1114-85399:UPGRADE SUSP BRDG CBL SYS-MIS			2,000		(2,000)
Total			**187,000**		**(187,000)**
021-1114-85507:SCADA-UPGRADE/STANDARD-SERVI	8,923.95				
021-1114-85580:SCADA-UPGRADE/STANDARD- MAT'L	9,329.70				
021-1114-85598:SCADA-UPGRADE/STANDARD-W/O	(18,253.65)				
021-1114-88307:REPLACE TIE BARS-SERVICE			190,000		(190,000)
021-1114-88311:REPLACE TIE BARS-PROF FEES			9,000		(9,000)
021-1114-88380:REPLACE TIE BARS-MATERIAL			18,000		(18,000)
021-1114-88399:REPLACE TIE BARS-MISC			3,000		(3,000)
Total			**220,000**		**(220,000)**
021-1114-90507:D.L.S. ERROSION REPAIRS-SERVIC	3,082.50				
021-1114-90580:D.L.S. ERROSION REPAIRS-MAT'L		8,800			
021-1114-90598:D.L.S. ERROSION REPAIRS-W/O	(3,082.50)	(8,800)			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

021 - GUADALUPE VALLEY HYDROELECTRIC

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
021-1114-91380:SPILLGATE STRUCT'L RPRS-MAT'L	71.99				
021-1114-91398:SPILLGATE STRUCT'L RPRS-W/O	(71.99)				
TOTAL WIP - OPERATING			**4,227,000**		**(4,227,000)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

GUADALUPE VALLEY HYDROELECTRIC

	FY 2018 BUDGET
AUTO & HEAVY EQUIPMENT	
BUOY HOIST	58,000
Total AUTO & HEAVY EQUIPMENT	**58,000**
MISCELLANEOUS EQUIPMENT	
OUTBOARD BOAT MOTOR	6,100
TWO WORK BARGES	10,000
Total MISCELLANEOUS EQUIPMENT	**16,100**
TOTAL CAPITAL ADDITIONS	**74,100**

Guadalupe Valley Hydro
Hydro Project Fund

Project Description		FY 2018
Projects Funded From FY 2017 Sources		
Dam Rehabilitiation Project	$	1,000,000
Total Hydro Project Fund	$	1,000,000

Note: See Financial Summary section for total project information



Shadow Creek WWTP
Aeration Basin

Shadow Creek WWTP

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

- Service Provided: Wastewater treatment
- Service Area: Hays County
- # of Gallons Treated: 76,200,000
- Startup Operation Date: January 1, 2006
- # of Current Employees: 2
- Budgeted Revenue: $558,132

Rural Utilities Division
Shadow Creek Wastewater Reclamation Facility System
Operating Plan for Fiscal Year Ending 8/31/18

BACKGROUND

The following Work Plan and Budget for the Shadow Creek System is based on the treatment of an estimated sewage flow of 76.20 million gallons per year or 0.208 million gallons per day. This estimated flow represents an 8% year-over-year increase above the Fiscal Year 2017 flow estimate.

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. Three operators divide their time between the Shadow Creek, Buda, and Sunfield wastewater treatment facilities. The Chief Operator of the Shadow Creek Wastewater Reclamation Facility supervises the System. Serving as facilitator to the team will be the Hays/Caldwell Division Manager. 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 Shadow Creek System will continue to be managed by existing GBRA professionals located in Seguin.

REVENUE SOURCES AND TRENDS

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.

This work plan is based upon a 12-month FY 2018 budget year and the treatment of 76,200,000 gallons. The budgeted FY 2018 service revenue for the Shadow Creek System is $551,232 while total revenue including miscellaneous income and interest earnings amounts to $558,132.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The total operating expenditure budget for FY 2018 amounts to $499,678.

Significant operating and maintenance expenses are power costs of $65,000, biosolids disposal of $30,000, lab supplies and expenses of $24,000, and administrative services fees of $25,000 to be paid to Goforth Special Utility District for collection of monthly sewer bills from customers.

With the exception of property insurance, the budget assumes that GBRA will be completely responsible for insurance and risk management and this budget has accordingly included $5,300 for insurance. The budget also includes the standard administration and general cost percentage charged to all operating divisions of GBRA, which for the Shadow Creek System amounts to $41,501 for FY 2018.

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 increase in the fund balance that GBRA anticipates in the Shadow Creek System is $58,454.

Staffing Summary

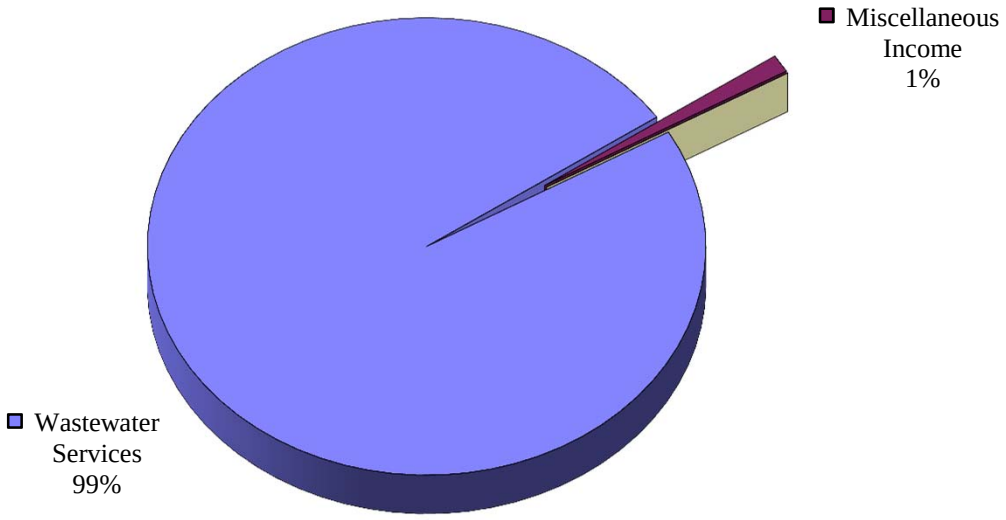
Shadow Creek WWTP	# of Authorized Positions (FTE)		
	2016	2017	2018
Chief Operator	1	1	1
Operator	1	1	1
Total	**2**	**2**	**2**

Changes from FY 2016 to FY 2017
No staffing changes for this division.

Changes from FY 2017 to FY 2018
No staffing changes for this division.

Budget Summary

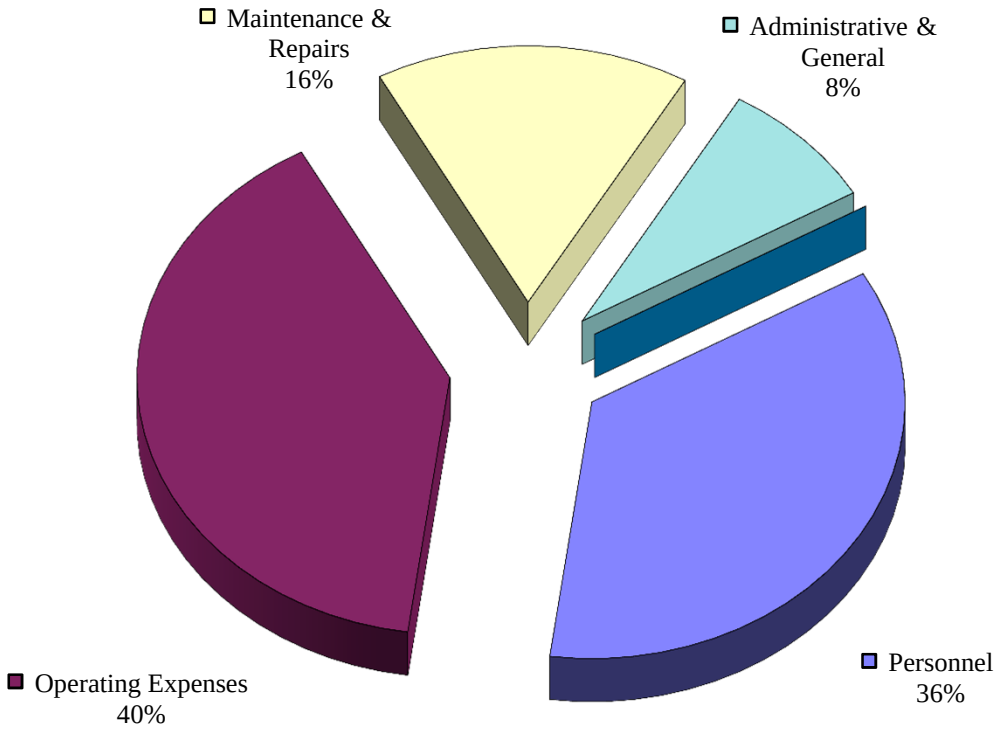
REVENUES - Shadow Creek WWTP



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services	430,992	488,160	551,232
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	13,905	5,400	6,900
Total Operating Revenue	**444,897**	**493,560**	**558,132**
Interest Income	56	24	
Grand Total Revenues	**444,954**	**493,584**	**558,132**

Budget Summary

EXPENSES - Shadow Creek WWTP



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	117,479	139,437	177,291
Operating Expenses	160,443	179,486	199,756
Maintenance & Repairs	86,264	134,865	81,130
Administrative & General	27,457	32,642	41,501
Total Operating Expenses	**391,643**	**486,431**	**499,678**
Interest Expense			
Capital Outlay	43,246		
Debt Service			
Grand Total Expenses	**434,888**	**486,431**	**499,678**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

030 - SHADOW CREEK WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WASTEWATER SERVICES:					
030-2415-10100:SERVICE FEES	365,436.00	430,992	488,160	551,232	63,072
Total WASTEWATER SERVICES	**365,436.00**	**430,992**	**488,160**	**551,232**	**63,072**
MISCELLANEOUS INCOME:					
030-2440-10200:SEWER CONNECTION/INSPECT FEE	2,750.00	4,425	3,000	4,500	1,500
030-2440-19900:MISCELLANEOUS REVENUES	5,179.45	9,480	2,400	2,400	
Total MISCELLANEOUS INCOME	**7,929.45**	**13,905**	**5,400**	**6,900**	**1,500**
INTEREST INCOME:					
030-2420-15000:INT ON NOW ACCTS	16.87	56	24		(24)
Total INTEREST INCOME	**16.87**	**56**	**24**		**(24)**
TOTAL OPERATING REVENUES	**373,382.32**	**444,954**	**493,584**	**558,132**	**64,548**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	6,831.65	12,261	22,339	7,235	(15,104)
SUPERVISION	12,297.19	1,376	14,949	16,173	1,224
OPERATING LABOR	48,506.90	44,206	61,628	102,352	40,724
MAINTENANCE LABOR	18,213.08	25,359			
Total SALARIES & WAGES	**85,848.82**	**83,202**	**98,916**	**125,759**	**26,843**
EMPLOYEE EXPENSES & BENEFITS:					
030-2512-20000:EMPLOYEES' TRAVEL	191.88	554	460	600	140
030-2512-30000:EMPLOYEE BENEFITS	35,164.46	33,723	40,061	50,932	10,871
Total EMPLOYEE EXPENSES & BENEFITS	**35,356.34**	**34,277**	**40,521**	**51,532**	**11,011**
OPERATING SUPPLIES & SERVICES:					
030-2513-10000:TRUCK OPERATING EXPENSES	3,006.44	3,443	4,200	5,000	800
030-2513-12001:BUILDING & EQUIPMENT RENTAL			8,976	12,976	4,000
030-2513-17000:DUES AND MEMBERSHIPS	291.00	195	180	150	(30)
030-2513-18000:PUBLICATIONS AND BOOKS	312.57		60	60	
030-2513-19000:SMALL TOOLS EXPENSE	198.72	662	400	400	
030-2513-20000:TRACTORS AND EQUIPMENT	25.15		250	650	400
030-2513-21000:UNIFORMS AND LAUNDRY	1,114.94	1,131	770	720	(50)
030-2513-22000:PROCESS/SPECIAL OPERATING		280			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

030 - SHADOW CREEK WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
030-2513-22002:BIOSOLIDS DISPOSAL COSTS	52,789.32	49,904	48,000	30,000	(18,000)
030-2513-23000:BAD DEBT EXPENSE	144.00		1,200		(1,200)
030-2513-27000:TRAINING EXPENSES	2,531.23	1,617	2,100	2,100	
030-2513-29000:SAFETY & EMERG. EXPENSES	705.19	1,321	2,600	1,500	(1,100)
030-2513-30000:POWER AND UTILITIES	27,804.56	41,603	39,000	65,000	26,000
030-2513-30100:AUXILLARY POWER EXPENSE	13.01		1,500		(1,500)
030-2513-40000:OPERATING CHEMICALS		180	300	300	
030-2513-40100:CHLORINE	2,274.67	4,000	4,100	3,000	(1,100)
030-2513-40900:ALUM	4,357.54	4,341	6,200	6,600	400
030-2513-40902:POLYMER	1,325.00	2,286	2,200	2,200	
030-2513-50000:LAB SUPPLIES & EXPENSES	21,302.18	21,489	25,000	24,000	(1,000)
030-2513-60000:PROFESSIONAL FEES	5,934.48	5,407	8,300	8,300	
030-2513-65000:INSPECTION FEES	5,982.27	1,250	1,850	2,000	150
030-2513-70000:COMMUNICATIONS	2,657.06	2,920	3,000	3,300	300
030-2513-80000:OFFICE SUPPLIES & EXPENSES	425.18	289	300	300	
030-2513-80200:COMPUTER SUPPLIES & SERVICE		159	160	600	440
030-2513-82000:ADMIN FEES-GOFORTH WATER	8,690.00	12,895	14,000	25,000	11,000
030-2513-90000:INSURANCE EXPENSE	4,510.00	4,853	4,300	5,300	1,000
030-2513-99900:MISCELLANEOUS EXPENSES	3,122.43	1,338	540	300	(240)
Total OPERATING SUPPLIES & SERVICES	**149,516.94**	**161,562**	**179,486**	**199,756**	**20,270**
MAINTENANCE & REPAIR					
MATERIAL:					
030-2520-20001:M&R/MAT- GROUNDS	75.59	82	240	240	
030-2520-20002:M&R/MAT- BUILDINGS		55	500	500	
030-2520-20004:M&R/MAT- CLARIFIERS	566.59	660	400	400	
030-2520-20005:M&R/MAT- PAINT EQUIPMENT	524.70	544		500	500
030-2520-20006:M&R/MAT- PUMPS & MOTORS	3,001.46	815	12,500	12,500	
030-2520-20007:M&R/MAT- CHEM FEED/SAMPLE	2,929.94	401	2,040	2,040	
030-2520-20009:M&R/MAT- CONTROL SYSTEMS		1,404			
030-2520-20010:M&R/MAT- LINES & VALVES	733.38	70	480	480	
030-2520-20011:M&R/MAT- FLOW METER		221	200	480	280
030-2520-20012:M&R/MAT- LIFT STATION	3,284.32	1,669	6,000	6,000	
030-2520-20013:M&R/MAT- SEWER SYSTEM	590.78	339	420	420	
030-2520-20014:M&R/MAT- TRUCKS,TRAILER&EQ	172.08				
030-2520-20016:M&R/MAT- GENERAL MAINT.	268.78		1,080	1,080	
030-2520-20017:M&R/MAT- BIOSOLIDS REMOVAL	3.24	8,525	350	350	
030-2520-20018:M&R/MAT- SAFETY	18.45	18			
030-2520-20020:M&R/MAT- ROADS			120	200	80
030-2520-20023:M&R/MAT- SCADA	13.65	1,530			
030-2520-20024:M&R/MAT- AUX GENERATOR		573	480	480	
030-2520-20025:M&R/MAT- BLOWERS		8,632	4,000	4,000	
030-2520-20026:M&R/MAT- INSTRUMNTS/ELECTRICA	1,710.62	10,945	6,000	7,000	1,000

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

030 - SHADOW CREEK WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
030-2520-20027:M&R/MAT- NON-POTABLE WTR SYST			500	250	(250)
030-2520-20099:M&R/MAT- OTHER			240	240	
Total MATERIAL	**13,893.58**	**36,483**	**35,550**	**37,160**	**1,610**
SERVICES:					
030-2520-30001:M&R/SER- GROUNDS		1,672	320	100	(220)
030-2520-30002:M&R/SER- BUILDINGS		695	600	600	
030-2520-30004:M&R/SER- CLARIFIERS		375	240	240	
030-2520-30005:M&R/SER- PAINT EQUIPMENT			63,285		(63,285)
030-2520-30006:M&R/SER- PUMPS & MOTORS	3,192.50	3,087	4,000	4,000	
030-2520-30007:M&R/SER- CHEM FEED/SAMPLE	323.40	1,284	1,600	1,600	
030-2520-30010:M&R/SER- LINES & VALVES	327.04	525	480	480	
030-2520-30011:M&R/SER- FLOW METER			500	500	
030-2520-30012:M&R/SER- LIFT STATION	7,805.00	1,373	6,000	6,000	
030-2520-30013:M&R/SER- SEWER SYSTEM	375.98	8,674	6,000	8,000	2,000
030-2520-30014:M&R/SER- TRUCKS,TRAILER&EQ	120.00	90			
030-2520-30015:M&R/SER- RADIO EQUIPMENT			120		(120)
030-2520-30016:M&R/SER- GENERAL MAINT.		4,000	1,200	1,200	
030-2520-30017:M&R/SER- BIOSOLIDS REMOVAL	567.50	203	3,000	3,000	
030-2520-30024:M&R/SER- AUX GENERATOR		7,756	1,920	4,000	2,080
030-2520-30025:M&R/SER- BLOWERS		3,264	2,800	7,000	4,200
030-2520-30026:M&R/SER- INSTRUMNTS/ELECTRICA	674.07	15,583	6,500	6,500	
030-2520-30027:M&R/SER- NON-POTABLE WTR SYST			250	250	
030-2520-30030:M&R/SER- GEN. OFFICE BLDG		1,200			
030-2520-30099:M&R/SER- OTHER			500	500	
Total SERVICES	**13,385.49**	**49,781**	**99,315**	**43,970**	**(55,345)**
CREDITS:					
030-2522-10000:EQUIPMENT USE CREDITS	(1,882.19)	(1,119)			
Total CREDITS	**(1,882.19)**	**(1,119)**			
ADMINISTRATIVE & GENERAL:					
030-2525-00000:A & G EXPENSES	28,330.12	27,457	32,642	41,501	8,858
Total ADMINISTRATIVE & GENERAL	**28,330.12**	**27,457**	**32,642**	**41,501**	**8,858**

PURCHASES OF FIXED ASSETS

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

030 - SHADOW CREEK WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
LAND & LAND RIGHTS					
STRUCTURES & IMPROVEMENTS					
AUTO & HEAVY EQUIPMENT	24,050.00				
OFFICE FURN & EQUIPMENT					
MISCELLANEOUS EQUIPMENT	16,760.26	26,486			
Total PURCHASES OF FIXED ASSETS	**40,810.26**	**26,486**			
TOTAL OPERATING EXPENSES	**365,259.36**	**418,128**	**486,431**	**499,678**	**13,247**
NET OPERATING INCOME	**8,122.96**	**26,825**	**7,153**	**58,454**	**51,301**
TOTAL NON-REVENUE FUNDS RECEIVED					
TOTAL NON-OPERATING FUNDS APPLIED					
NET CHANGE IN FUND BALANCE	**8,122.96**	**26,825**	**7,153**	**58,454**	**51,301**



Canyon Park WWTP

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.

Canyon Park WWTP is part of the Rural Utilities Division and is served by a staff of 4.5 FTE. These employees operate the Canyon Park, Dunlap and Northcliffe Wastewater Treatment Plants.

- Service Provided: Wastewater treatment
- Location: Canyon Lake, Texas
- Startup Date: September 24, 1974
- Service Area: Comal County
- Permitted Capacity: 180,000 gpd
- Budgeted Revenue: $389,168

Rural Utilities Division
Canyon Park Wastewater Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/18

BACKGROUND

The Rural Utilities Division is responsible for operating three wastewater reclamation systems that include Canyon Park Estates, Dunlap and Northcliffe.

The three wastewater treatment plants named above range in treatment capacity from a high of 950,000 gallons per day (gpd) at the Dunlap Plant to a low of 180,000 gpd at Canyon Park Estates. All of the plants use an extended air activated sludge treatment process.

The Canyon Park Estates 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 180,000 gallons per day.

REVENUE SOURCES AND TRENDS

Revenues are obtained through connection and service fees from customers of the Canyon Park Estates wastewater treatment plant. The total FY 2018 service fee revenue for the plant is projected to be $363,168. This is an increase of 3% over the current budget and is due to an increase in the number of customers served as well as a $2.00 per month/sewer service fee increase. This monthly fee increase represents a 4% change and it is required to help pay the operating and capital costs of a growing service area.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The following Work Plan and Budget describes the operations and maintenance to be performed during FY 2018 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.

Since the utility plant is relatively small, full-time personnel are not required in order to accomplish the mission. Five licensed employees, four operators and a chief operator/maintenance supervisor, provide operation and maintenance of the system on a daily basis. Additional manpower and equipment required for maintenance and technical services are transferred as needed from other operating divisions of GBRA. The Division Manager-Guadalupe/Gonzales Counties 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 several Texas Engineering Extension Service courses including a hazardous materials course. Personnel will also attend the Texas Water Utilities Association annual wastewater school as well as attend electrical training classes throughout the year. In-house training programs will be held on first aid, CPR, hazard communications and team training.

Significant maintenance expenses and capital improvements for the ensuing Fiscal Year include:

1. Instrumentation Services, Inc. (ISI) perform predictive maintenance on all plant equipment - $1,000
2. The purchase of a chlorine regulator - $1,400
3. Continue collection system repairs to reduce inflow and infiltration of rainwater - $3,000
4. Removal of bio-solids (sludge) from the plant and delivery to the bio-solids application site - $8,000
5. Construct a retaining wall and hand rail around bio-solids box pad - $5,500
6. One-third the cost of a chlorine storage structure - $5,000
7. One-third the cost of lab equipment - $2,000

Included in the Rural Utilities Project Fund for FY 2018 is $301,000 for professional services to study options to expand the Canyon Park plant. The detail of this fund is included at the end of this section.

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 $23,296.

Staffing Summary

Rural Utilities WWTPs	# of Authorized Positions (FTE)		
	2016	2017	2018
Chief Operator	1	1	1
Operator	4	4.5	4.5
Total	**5**	**5.5**	**5.5**

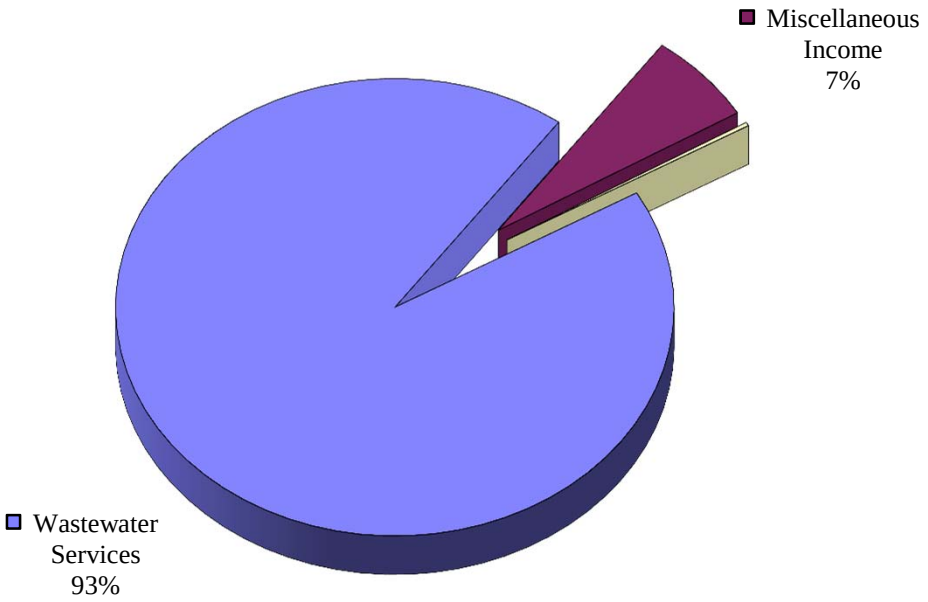
Changes from FY 2016 to FY 2017
½-Biosolids Operator position was added.

Changes from FY 2017 to FY 2018
No staffing changes for this division.

These employees are part of the Rural Utilities WWTP systems and are shared between the Canyon Park WWTP, Dunlap WWTP and the Northcliffe WWTP.

Budget Summary

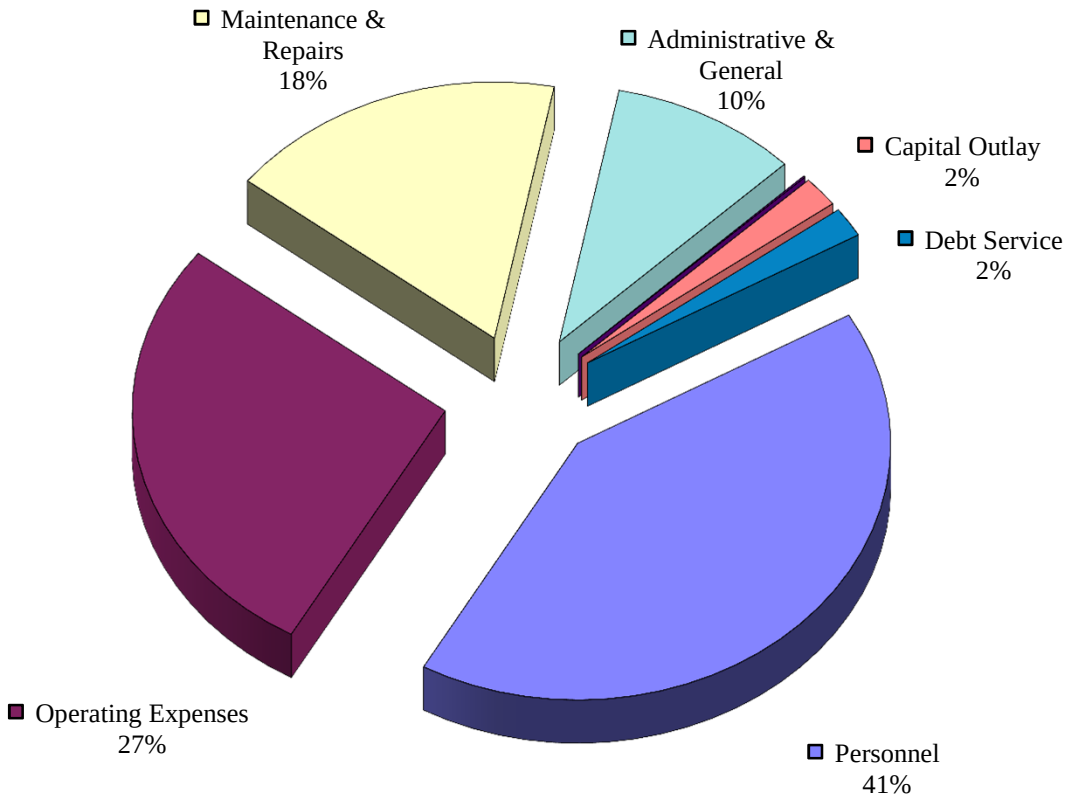
REVENUES - Canyon Park WWTP



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services	334,119	351,184	363,168
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	660	25,000	25,000
Total Operating Revenue	**334,779**	**376,184**	**388,168**
Interest Income	(547)	24	1,000
Grand Total Revenues	**334,232**	**376,208**	**389,168**

Budget Summary

EXPENSES - Canyon Park WWTP



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	154,557	152,332	151,465
Operating Expenses	97,025	85,870	99,776
Maintenance & Repairs	57,522	47,240	63,990
Administrative & General	35,993	35,709	35,505
Total Operating Expenses	**345,097**	**321,151**	**350,736**
Interest Expense	757	540	339
Capital Outlay	972,102	380,062	7,000
Debt Service	6,379	6,600	6,797
Grand Total Expenses	**1,324,335**	**708,353**	**364,872**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

032 - CANYON PARK WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WASTEWATER SERVICES:					
032-2415-10100:SERVICE FEES	316,244.47	334,119	351,184	363,168	11,984
Total WASTEWATER SERVICES	**316,244.47**	**334,119**	**351,184**	**363,168**	**11,984**
MISCELLANEOUS INCOME:					
032-2440-10200:SEWER CONNECTION/INSPECT FEE	8,700.00		25,000	25,000	
032-2440-19900:MISCELLANEOUS REVENUES	100,318.96	660			
Total MISCELLANEOUS INCOME	**109,018.96**	**660**	**25,000**	**25,000**	
INTEREST INCOME:					
032-2420-10000:INT ON OPERATING FUNDS		119			
032-2420-10001:FAIR VALUE CHG OF INVEST.		(180)			
032-2420-15000:INT ON NOW ACCTS	16.87	56	24		(24)
032-2420-20000:CANYON PARK EXPANSION FD.	5,447.08	468		1,000	1,000
032-2420-20001:FAIR VALUE CHG OF INVEST.	(3,985.00)	(1,011)			
Total INTEREST INCOME	**1,478.95**	**(547)**	**24**	**1,000**	**976**
TOTAL OPERATING REVENUES	**426,742.38**	**334,232**	**376,208**	**389,168**	**12,960**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	8,093.99	21,560	15,241	11,010	(4,230)
SUPERVISION	2,784.17	5,126	9,696	6,558	(3,137)
OPERATING LABOR	63,831.36	68,662	83,272	90,022	6,750
MAINTENANCE LABOR	14,917.23	14,032			
Total SALARIES & WAGES	**89,626.75**	**109,380**	**108,208**	**107,591**	**(617)**
EMPLOYEE EXPENSES & BENEFITS:					
032-2512-20000:EMPLOYEES' TRAVEL	278.29	337	300	300	
032-2512-30000:EMPLOYEE BENEFITS	35,856.18	44,841	43,824	43,574	(250)
Total EMPLOYEE EXPENSES & BENEFITS	**36,134.47**	**45,177**	**44,124**	**43,874**	**(250)**
OPERATING SUPPLIES & SERVICES:					
032-2513-10000:TRUCK OPERATING EXPENSES	5,981.10	5,941	6,400	6,400	
032-2513-12001:BUILDING & EQUIPMENT RENTAL	2,071.78	1,745	7,320	13,876	6,556
032-2513-17000:DUES AND MEMBERSHIPS	120.73	167			
032-2513-18000:PUBLICATIONS AND BOOKS	18.20				

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

032 - CANYON PARK WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
032-2513-19000:SMALL TOOLS EXPENSE	404.03	591			
032-2513-20000:TRACTORS AND EQUIPMENT		182	200	200	
032-2513-21000:UNIFORMS AND LAUNDRY	497.46	552	600	600	
032-2513-22000:PROCESS/SPECIAL OPERATING		1			
032-2513-23000:BAD DEBT EXPENSE		165			
032-2513-27000:TRAINING EXPENSES	734.27	642	1,200	1,400	200
032-2513-29000:SAFETY & EMERG. EXPENSES	3,598.91	821	1,100	1,200	100
032-2513-29200:SECURITY EXPENSE			100		(100)
032-2513-30000:POWER AND UTILITIES	20,185.13	19,013	25,000	25,000	
032-2513-30100:AUXILLARY POWER EXPENSE	1,040.00	105	1,000	1,000	
032-2513-40100:CHLORINE	1,477.37	1,848	1,300	1,400	100
032-2513-40900:ALUM	4,289.54	8,529	7,000	10,000	3,000
032-2513-40902:POLYMER	1,375.69	931	1,500	1,000	(500)
032-2513-50000:LAB SUPPLIES & EXPENSES	17,007.38	20,306	16,500	16,500	
032-2513-60000:PROFESSIONAL FEES	1,297.21	1,374	1,200	1,200	
032-2513-65000:INSPECTION FEES	4,348.63	1,269	3,500	3,500	
032-2513-70000:COMMUNICATIONS	1,486.75	1,910	1,500	1,700	200
032-2513-80000:OFFICE SUPPLIES & EXPENSES	98.36	117	2,100	2,100	
032-2513-80200:COMPUTER SUPPLIES & SERVICE	1,210.48	1,468			
032-2513-90000:INSURANCE EXPENSE	6,052.00	8,760	6,400	9,200	2,800
032-2513-99900:MISCELLANEOUS EXPENSES	961.03	1,840	1,950	3,500	1,550
Total OPERATING SUPPLIES & SERVICES	**74,256.05**	**78,278**	**85,870**	**99,776**	**13,906**
MAINTENANCE & REPAIR					
MATERIAL:					
032-2520-20001:M&R/MAT- GROUNDS	53.95	21			
032-2520-20002:M&R/MAT- BUILDINGS	596.05	110			
032-2520-20004:M&R/MAT- CLARIFIERS	539.14	918	500	500	
032-2520-20006:M&R/MAT- PUMPS & MOTORS	1,683.21	2,634	4,000	5,000	1,000
032-2520-20007:M&R/MAT- CHEM FEED/SAMPLE	412.78	623	3,000	2,000	(1,000)
032-2520-20008:M&R/MAT- GREASE EQUIPMENT		84			
032-2520-20009:M&R/MAT- CONTROL SYSTEMS	1,048.99	737	850	850	
032-2520-20010:M&R/MAT- LINES & VALVES	884.88	494	500	500	
032-2520-20011:M&R/MAT- FLOW METER	483.68	491	200	200	
032-2520-20012:M&R/MAT- LIFT STATION	866.46	3,772	2,000	2,000	
032-2520-20013:M&R/MAT- SEWER SYSTEM	90.00	1,975	500	500	
032-2520-20014:M&R/MAT- TRUCKS,TRAILER&EQ	204.02	303	200	200	
032-2520-20015:M&R/MAT- RADIO EQUIPMENT	42.56				
032-2520-20016:M&R/MAT- GENERAL MAINT.			800	800	
032-2520-20017:M&R/MAT- BIOSOLIDS REMOVAL	343.85	158	800	800	
032-2520-20022:M&R/MAT - BIOSOLIDS SITE	331.59		500	500	
032-2520-20023:M&R/MAT- SCADA	4,389.77	1,204	5,050	5,100	50
032-2520-20024:M&R/MAT- AUX GENERATOR	92.98	244	400	400	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

032 - CANYON PARK WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
032-2520-20025:M&R/MAT-AERATION EQUIPMENT		15,146	5,000	15,000	10,000
032-2520-20099:M&R/MAT- OTHER	18.39	46			
Total MATERIAL	**12,082.30**	**28,960**	**24,300**	**34,350**	**10,050**
SERVICES:					
032-2520-30001:M&R/SER- GROUNDS	4,634.28	4,078			
032-2520-30002:M&R/SER- BUILDINGS	165.00				
032-2520-30006:M&R/SER- PUMPS & MOTORS		161	2,000	2,000	
032-2520-30007:M&R/SER- CHEM FEED/SAMPLE	947.41	1,124	200	200	
032-2520-30009:M&R/SER- CONTROL SYSTEMS	779.31		1,000	1,000	
032-2520-30010:M&R/SER- LINES & VALVES		45			
032-2520-30011:M&R/SER- FLOW METER	200.00		400	400	
032-2520-30012:M&R/SER- LIFT STATION			500	2,000	1,500
032-2520-30013:M&R/SER- SEWER SYSTEM		5,296	4,000	2,500	(1,500)
032-2520-30014:M&R/SER- TRUCKS,TRAILER&EQ	1,761.13	1,524	1,200	1,000	(200)
032-2520-30015:M&R/SER- RADIO EQUIPMENT	125.64	71			
032-2520-30016:M&R/SER- GENERAL MAINT.	4,580.00	1	500	2,300	1,800
032-2520-30017:M&R/SER- BIOSOLIDS REMOVAL	5,037.20	10,103	8,000	12,500	4,500
032-2520-30018:M&R/SER- SAFETY		106			
032-2520-30021:M&R/SER- AUXILLARY POWER		1			
032-2520-30022:M&R/SER - BIOSOLIDS SITE	491.40	1,174	800	1,400	600
032-2520-30023:M&R/SER- SCADA	7,301.13	3,271	3,100	3,100	
032-2520-30024:M&R/SER- AUX GENERATOR	1,126.00	1,486	1,200	1,200	
032-2520-30030:M&R/SER- GEN. OFFICE BLDG	100.62	105	40	40	
032-2520-30099:M&R/SER- OTHER		18			
Total SERVICES	**27,249.12**	**28,562**	**22,940**	**29,640**	**6,700**
CREDITS:					
032-2522-10000:EQUIPMENT USE CREDITS		(10)			
Total CREDITS		**(10)**			
ADMINISTRATIVE & GENERAL:					
032-2525-00000:A & G EXPENSES	29,576.80	35,993	35,709	35,505	(204)
Total ADMINISTRATIVE & GENERAL	**29,576.80**	**35,993**	**35,709**	**35,505**	**(204)**
INTEREST EXPENSE:					
032-2540-10000:INT ON LONG TERM LOANS	913.65	757	540	339	(201)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

032 - CANYON PARK WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total INTEREST EXPENSE	**913.65**	**757**	**540**	**339**	**(201)**
PURCHASES OF FIXED ASSETS					
LAND & LAND RIGHTS					
STRUCTURES & IMPROVEMENTS				5,000	5,000
AUTO & HEAVY EQUIPMENT		14,450	10,000		(10,000)
OFFICE FURN & EQUIPMENT					
MISCELLANEOUS EQUIPMENT	36,941.34		15,450	2,000	(13,450)
Total PURCHASES OF FIXED ASSETS	**36,941.34**	**14,450**	**25,450**	**7,000**	**(18,450)**
PROJECT RECLASS TO OPR EXPENSES	**4,340.08**	**18,757**			
WIP-OPERATING	**21,939.59**	**957,652**	**354,612**		**(354,612)**
TOTAL OPERATING EXPENSES	**333,060.15**	**1,317,956**	**701,753**	**358,075**	**(343,677)**
NET OPERATING INCOME	**93,682.23**	**(983,724)**	**(325,545)**	**31,093**	**356,637**
BANK LOANS RECEIVED:					
032-1212-40001:LOAN REC: EQUIPMENT			333,000		(333,000)
Total BANK LOANS RECEIVED			**333,000**		**(333,000)**
TOTAL NON-REVENUE FUNDS RECEIVED			**333,000**		**(333,000)**
DEBT SERVICE PAYMENTS:					
032-1212-30002:LOAN PAID: GENERATOR	6,222.60	6,379	6,600	6,797	197
Total DEBT SERVICE PAYMENTS	**6,222.60**	**6,379**	**6,600**	**6,797**	**197**
RESERVE FUND REPAYMENTS:					
032-1131-00002:USE-CHANGE IN RESTR.FUNDS				1,000	1,000
Total RESERVE FUND REPAYMENTS				**1,000**	**1,000**
TOTAL NON-OPERATING FUNDS APPLIED	**6,222.60**	**6,379**	**6,600**	**7,797**	**1,197**
NET CHANGE IN FUND BALANCE	**87,459.63**	**(990,103)**	**855**	**23,296**	**22,440**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

032 - CANYON PARK WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
PROJECT DEVELOPMENT					
032-1187-86901:CANYON WW MASTER PLAN-STAFF	93.60	3,743			
032-1187-86904:CANYON WW MASTER PLAN-BENEFI	37.91	1,516			
032-1187-86908:CANYON WW MASTER PLAN-A&G	30.89	1,235			
032-1187-86998:CANYON WW MASTER PLAN-W/O	(162.40)	(9,548)			
032-1187-86999:CANYON WW MASTER PLAN-OTHER		3,053			
TOTAL PROJECT DEVELOPMENT					

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

032 - CANYON PARK WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
WIP - OPERATING					
032-1114-66905:BROOKSHIRE WW-TRAVEL		195			
032-1114-66906:BROOKSHIRE WW-EUC's		42			
032-1114-66907:BROOKSHIRE WW-SERVICE	1,500.00	909,061			
032-1114-66911:BROOKSHIRE WW-PROF FEES	46,725.00	48,355			
032-1114-66999:BROOKSHIRE WW-MISC	51.27				
Total	**48,276.27**	**957,652**			
032-1114-81201:CANYON PRK PLNT EXPAN-STAFF		126	30,900		(30,900)
032-1114-81202:CANYON PRK PLNT EXPAN-SUPERV	416.50	651			
032-1114-81204:CANYON PRK PLNT EXPAN-BENEFIT	168.69	315	12,515		(12,515)
032-1114-81208:CANYON PRK PLNT EXPAN-A&G	137.44	256	10,197		(10,197)
032-1114-81211:CANYON PRK PLNT EXPAN-PROF FE	1,870.15	7,743	300,000		(300,000)
032-1114-81298:CANYON PRK PLNT EXPAN-W/O	(4,177.68)	(9,209)			
032-1114-81299:CANYON PRK PLNT EXPAN-MISC	1,584.90	118	1,000		(1,000)
Total			**354,612**		**(354,612)**
032-1114-86480:EMERGENCY GEN INSTALL-MATERIA	(26,336.68)				
Total	**(26,336.68)**				
TOTAL WIP - OPERATING	**21,939.59**	**957,652**	**354,612**		**(354,612)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

CANYON PARK WWTP

	FY 2018 BUDGET
STRUCTURES & IMPROVEMENTS	
CHLORINE STORAGE BUILDING	5,000
Total STRUCTURES & IMPROVEMENTS	**5,000**
MISCELLANEOUS EQUIPMENT	
LAB EQUIPMENT	2,000
Total MISCELLANEOUS EQUIPMENT	**2,000**
TOTAL CAPITAL ADDITIONS	**7,000**

Rural Utilities Division
Rural Utilities Project Fund

Project Description		FY 2018
Projects Funded From Existing Sources		
Canyon Park Plant Expansion - Engineering	$	301,000
Total Rural Utilities Project Fund	$	301,000

Note: See Financial Summary section for total project information



Dunlap WWTP

Dunlap Waste Water Treatment Plant
The Dunlap 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.

Dunlap WWTP is part of the Rural Utilities Division and is served by a staff of 4.5 FTE. These employees operate the Canyon Park, Dunlap and Northcliffe Wastewater Treatment Plants.

- Service Provided: Wastewater treatment
- Location: New Braunfels, Texas
- Startup Date: December 4, 1973
- Service Area: FM 725 south of New Braunfels
- Permitted Capacity: 0.95 mgd
- Budgeted Revenue: $1,251,700

Rural Utilities Division
Dunlap Wastewater Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/18

BACKGROUND

The Rural Utilities Division is responsible for operating three wastewater reclamation systems that include Canyon Park Estates, Dunlap, and Northcliffe.

The three wastewater treatment plants named above range in treatment capacity from a high of 950,000 gallons per day (gpd) at the Dunlap Plant to a low of 180,000 gpd at Canyon Park Estates. All of the plants use an extended air activated sludge treatment process.

The Dunlap 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.

REVENUE SOURCES AND TRENDS

Revenues are obtained through connection and service fees from customers of the Dunlap wastewater treatment plant. The total service fee revenue for the plant will increase by $234,600 or 37% primarily due to an increase in the number of customers receiving wastewater service from the plant as well as a $2.00 per month/sewer service fee increase. This monthly fee increase represents a 4% change and it is required to help pay the operating and capital costs of a growing service area. The combination of service fees and miscellaneous income is budgeted to total $1,250,700 in FY 2018.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The following Work Plan and Budget describes the operations and maintenance to be performed during FY 2018 at the Dunlap 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.

Since the utility plant is relatively small, full-time personnel are not required in order to accomplish the mission. Five licensed employees, four operators and a chief operator/maintenance supervisor, provide operation and maintenance to the system on a daily basis. Additional manpower and equipment required for maintenance and technical services are transferred as needed from other operating divisions of GBRA. The Division Manager-Guadalupe/Gonzales Counties 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 several Texas Engineering Extension Service courses including a hazardous materials course. Personnel will also attend the Texas Water Utilities Association annual wastewater school as well as attend electrical training classes throughout the year. In-house training programs will be held on first aid, CPR, hazard communications and team training.

Significant maintenance expenses and capital improvements for the ensuing Fiscal Year include:

1. Instrumentation Services, Inc. to continue predictive maintenance on all plant equipment - $1,100
2. Continue repairs to collection system to reduce inflow and infiltration of rainwater (material and services) - $31,000
3. Removal of bio-solids (sludge) from the plant and delivery to an application site - $15,000
4. Southbank lift station rehabilitation - $172,303

5. Lift station maintenance (materials and services) - $19,000
6. Replace UV bulbs - $6,500
7. The purchase of a chlorine regulator - $1,400
8. One-third the cost of a chlorine storage structure. - $5,000
9. One-third the cost of lab equipment. - $2,000

Total operating expenses are projected to increase $215,653 or 3% in FY 2018.

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 Dunlap System after paying all FY 2018 budgeted expenditures and receiving the above listed funding sources is $16,705.

Staffing Summary

Rural Utilities WWTPs	# of Authorized Positions (FTE)		
	2016	2017	2018
Chief Operator	1	1	1
Operator	4	4.5	4.5
Total	**5**	**5.5**	**5.5**

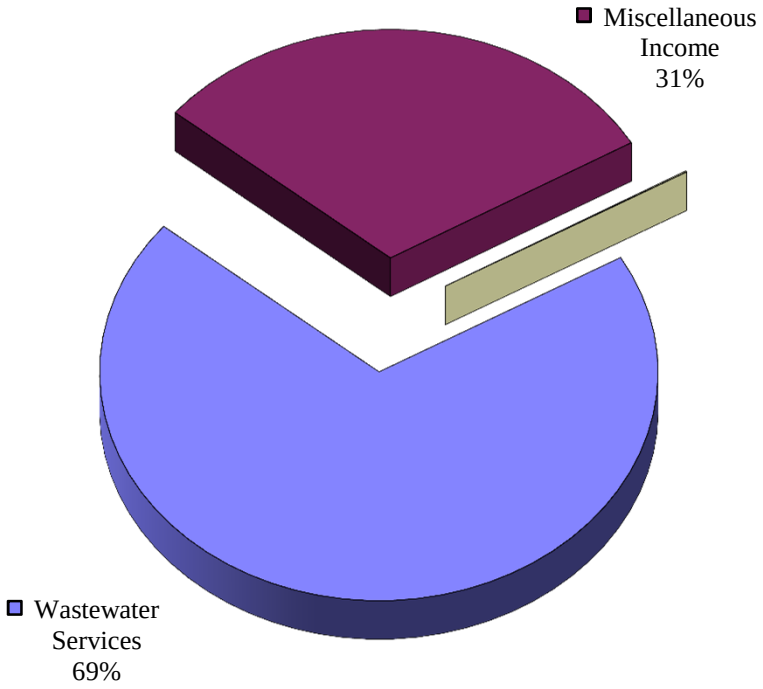
Changes from FY 2016 to FY 2017
½-Biosolids Operator position was added.

Changes from FY 2017 to FY 2018
No staffing changes for this division.

These employees are part of the Rural Utilities WWTP systems and are shared between the Canyon Park WWTP, Dunlap WWTP and the Northcliffe WWTP.

Budget Summary

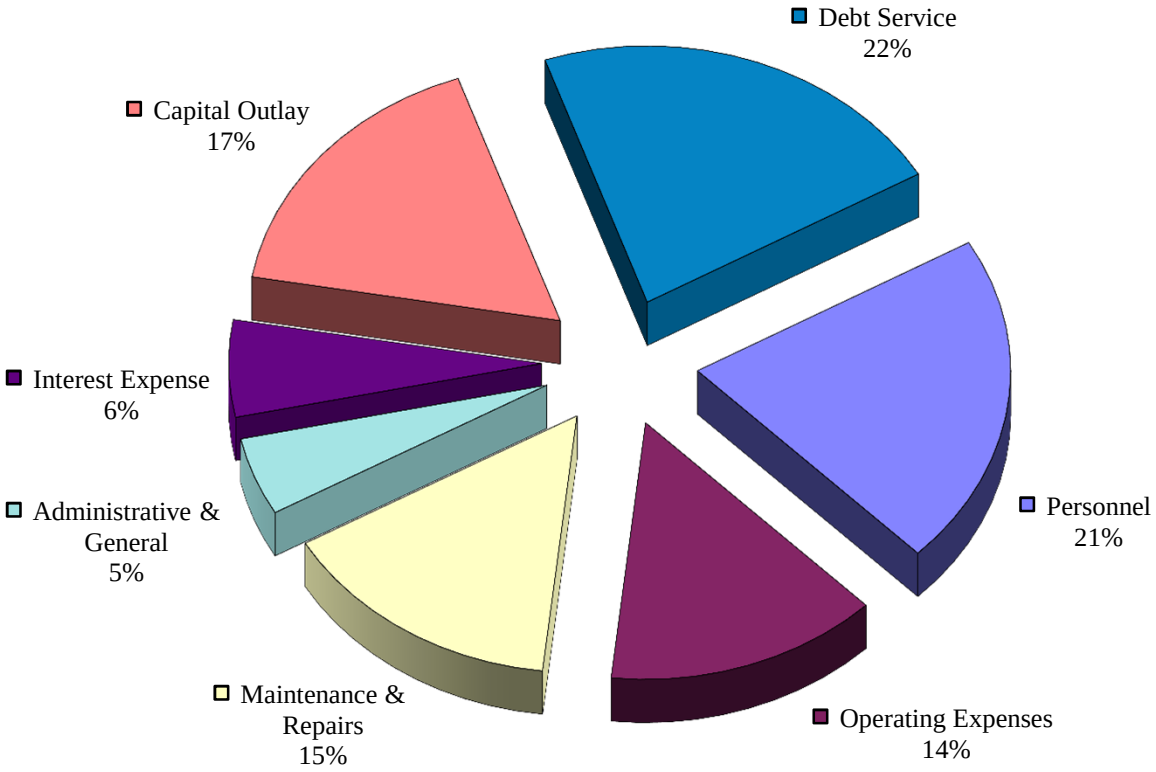
REVENUES - Dunlap WWTP



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services	603,283	633,000	867,600
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	499,815	273,544	383,100
Total Operating Revenue	**1,103,098**	**906,544**	**1,250,700**
Interest Income	2,050	2,004	1,000
Grand Total Revenues	**1,105,148**	**908,548**	**1,251,700**

Budget Summary

EXPENSES - Dunlap WWTP



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	235,153	208,574	258,150
Operating Expenses	261,914	165,794	174,850
Maintenance & Repairs	150,860	100,200	184,750
Administrative & General	54,349	48,918	60,563
Total Operating Expenses	**702,276**	**523,486**	**678,313**
Interest Expense	79,594	80,856	75,298
Capital Outlay	138,514	149,749	209,303
Debt Service	967,900	122,880	271,081
Grand Total Expenses	**1,888,284**	**876,971**	**1,233,995**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

033 - DUNLAP WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WASTEWATER SERVICES:					
033-2415-10100:SERVICE FEES	548,973.30	603,283	633,000	867,600	234,600
Total WASTEWATER SERVICES	**548,973.30**	**603,283**	**633,000**	**867,600**	**234,600**
MISCELLANEOUS INCOME:					
033-2440-10100:SEWER CONNECTION FEES	43,647.00	472,891	232,644	257,700	25,056
033-2440-10200:INSPECTION FEES	4,950.00	6,150	19,900	7,650	(12,250)
033-2440-10400:SEWER CONN/INSP -LEGENDS PON		18,389			
033-2440-10600:DUNLAP DEVELOPER PAYMENTS	174,000.00			116,000	116,000
033-2440-19900:MISCELLANEOUS REVENUES	3,807.89	2,385	21,000	1,750	(19,250)
Total MISCELLANEOUS INCOME	**226,404.89**	**499,815**	**273,544**	**383,100**	**109,556**
INTEREST INCOME:					
033-2420-15000:INT ON NOW ACCTS	16.87	56	24		(24)
033-2420-20000:INT ON DUNLAP RESERVE	3,817.45	2,076	1,920	1,000	(920)
033-2420-20001:FAIR VALUE CHG OF INVEST.	(1,976.00)	(109)			
033-2420-20100:INT ON DUNLAP I&S FUND	638.79	27	60		(60)
Total INTEREST INCOME	**2,497.11**	**2,050**	**2,004**	**1,000**	**(1,004)**
TOTAL OPERATING REVENUES	**777,875.30**	**1,105,148**	**908,548**	**1,251,700**	**343,152**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	14,941.03	23,619	33,273	16,314	(16,960)
SUPERVISION	11,239.83	11,115	14,565	16,694	2,129
OPERATING LABOR	96,682.26	94,609	100,399	150,516	50,116
MAINTENANCE LABOR	23,405.94	36,012			
Total SALARIES & WAGES	**146,269.06**	**165,355**	**148,238**	**183,523**	**35,286**
EMPLOYEE EXPENSES & BENEFITS:					
033-2512-20000:EMPLOYEES' TRAVEL	453.11	299	300	300	
033-2512-30000:EMPLOYEE BENEFITS	58,341.05	69,500	60,036	74,327	14,290
Total EMPLOYEE EXPENSES & BENEFITS	**58,794.16**	**69,799**	**60,336**	**74,627**	**14,290**
OPERATING SUPPLIES & SERVICES:					
033-2513-10000:TRUCK OPERATING EXPENSES	10,641.30	9,688	9,500	10,000	500
033-2513-12001:BUILDING & EQUIPMENT RENTAL	3,645.65	3,670	13,344	19,900	6,556

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

033 - DUNLAP WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
033-2513-17000:DUES AND MEMBERSHIPS	266.62	323			
033-2513-18000:PUBLICATIONS AND BOOKS	40.17				
033-2513-19000:SMALL TOOLS EXPENSE	789.34	1,349			
033-2513-20000:TRACTORS AND EQUIPMENT		25	100	100	
033-2513-21000:UNIFORMS AND LAUNDRY	855.96	1,228	1,200	1,000	(200)
033-2513-22000:PROCESS/SPECIAL OPERATING		5			
033-2513-23000:BAD DEBT EXPENSE	1,081.58	761			
033-2513-27000:TRAINING EXPENSES	1,530.59	1,225	1,300	2,000	700
033-2513-29000:SAFETY & EMERG. EXPENSES	3,716.35	1,389	1,200	1,300	100
033-2513-29200:SECURITY EXPENSE			100		(100)
033-2513-30000:POWER AND UTILITIES	50,993.04	60,149	66,500	66,500	
033-2513-30100:AUXILIARY POWER EXPENSE	3,187.96	2,946	3,000	3,500	500
033-2513-40100:CHLORINE	540.59	411	400	500	100
033-2513-40900:ALUM	15,343.69	20,232	16,000	18,000	2,000
033-2513-40902:POLYMER	1,375.69	1,437	1,500	1,000	(500)
033-2513-50000:LAB SUPPLIES & EXPENSES	19,886.86	26,650	21,500	21,000	(500)
033-2513-60000:PROFESSIONAL FEES	2,456.27	97,335	2,000	3,000	1,000
033-2513-65000:INSPECTION FEES	9,403.07	5,158	9,500	10,000	500
033-2513-70000:COMMUNICATIONS	842.00	810	1,000	1,000	
033-2513-80000:OFFICE SUPPLIES & EXPENSES	425.64	67	1,800	1,800	
033-2513-80200:COMPUTER SUPPLIES & SERVICE	1,548.82	1,914			
033-2513-81500:BANK SERVICE FEES	1,200.00	1,200	1,200	1,200	
033-2513-90000:INSURANCE EXPENSE	8,301.89	9,169	12,400	9,800	(2,600)
033-2513-99900:MISCELLANEOUS EXPENSES	2,243.32	13,464	2,250	3,250	1,000
Total OPERATING SUPPLIES & SERVICES	**140,316.40**	**260,604**	**165,794**	**174,850**	**9,056**
MAINTENANCE & REPAIR					
MATERIAL:					
033-2520-20001:M&R/MAT- GROUNDS	208.29	258			
033-2520-20002:M&R/MAT- BUILDINGS	27.27	4,882			
033-2520-20003:M&R/MAT- COMMINUTOR			200	200	
033-2520-20004:M&R/MAT- CLARIFIERS	278.35	472	300	300	
033-2520-20006:M&R/MAT- PUMPS & MOTORS	214.40	4,549	4,000	4,500	500
033-2520-20007:M&R/MAT- CHEM FEED/SAMPLE	7,737.02	2,032	1,500	1,500	
033-2520-20008:M&R/MAT- GREASE EQUIPMENT		186			
033-2520-20009:M&R/MAT- CONTROL SYSTEM	1,985.74	4,097	2,000	2,000	
033-2520-20010:M&R/MAT- LINES & VALVES	221.78	1,151	900	900	
033-2520-20011:M&R/MAT- FLOW METERS		99	200	200	
033-2520-20012:M&R/MAT- LIFT STATION	2,559.71	25,744	10,000	10,000	
033-2520-20013:M&R/MAT- SEWER SYSTEM	241.88	14,661	6,000	6,000	
033-2520-20014:M&R/MAT- TRUCKS,TRAILER&EQ	458.23	741	300	300	
033-2520-20015:M&R/MAT- RADIO EQUIPMENT	30.02				
033-2520-20016:M&R/MAT- GENERAL MAINT.			3,050	3,000	(50)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

033 - DUNLAP WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
033-2520-20017:M&R/MAT- BIOSOLIDS REMOVAL	959.31	557	900	1,000	100
033-2520-20018:M&R/MAT- SAFETY	26.20				
033-2520-20019:M&R/MAT- STORAGE BUILDING			100	100	
033-2520-20022:M&R/MAT - BIOSOLIDS SITE	622.99		500	500	
033-2520-20023:M&R/MAT- SCADA	4,158.16	2,707	1,000	1,000	
033-2520-20024:M&R/MAT- AUX GENERATOR	6,543.06	185	400	50,400	50,000
033-2520-20025:M&R/MAT- U.V. SYSTEM			3,000	10,000	7,000
033-2520-20099:M&R/MAT- OTHER	35.58	101			
Total MATERIAL	**26,307.99**	**62,421**	**34,350**	**91,900**	**57,550**
SERVICES:					
033-2520-30001:M&R/SER- GROUNDS	6,533.44	18,172			
033-2520-30002:M&R/SER- BUILDINGS	511.00	544			
033-2520-30003:M&R/SER- COMMINUTOR			200	200	
033-2520-30004:M&R/SER- CLARIFIERS			400	400	
033-2520-30006:M&R/SER- PUMPS & MOTORS	1,810.00	1,757	2,500	2,500	
033-2520-30007:M&R/SER- CHEM FEED/SAMPLE	1,021.12	1,010	200	200	
033-2520-30009:M&R/SER- CONTROL SYSTEM	281.38		900	900	
033-2520-30010:M&R/SER- LINES & VALVES		2,231	5,000	5,000	
033-2520-30011:M&R/SER- FLOW METERS	4,690.47	267	400	400	
033-2520-30012:M&R/SER- LIFT STATION	2,532.17	17,308	9,000	9,000	
033-2520-30013:M&R/SER- SEWER SYSTEM	11,105.00	11,087	25,000	30,000	5,000
033-2520-30014:M&R/SER- TRUCKS,TRAILER&EQ	3,647.52	3,163	900	900	
033-2520-30015:M&R/SER- RADIO EQUIPMENT	225.65	176			
033-2520-30016:M&R/SER- GENERAL MAINT.		3	2,100	16,000	13,900
033-2520-30017:M&R/SER- BIOSOLIDS REMOVAL	9,357.33	24,717	15,000	15,000	
033-2520-30018:M&R/SER- SAFETY		283			
033-2520-30020:M&R/SER- ROADS		167			
033-2520-30021:M&R/SER- AUXILLARY POWER		224			
033-2520-30022:M&R/SER - BIOSOLIDS SITE	816.34	2,378	300	900	600
033-2520-30023:M&R/SER- SCADA	155.70	991	900	900	
033-2520-30024:M&R/SER- AUX GENERATOR	8,445.46	2,137	2,000	3,000	1,000
033-2520-30025:M&R/SER- U.V. SYSTEM		1,586	1,000	7,500	6,500
033-2520-30030:M&R/SER- GEN. OFFICE BLDG	181.44	214	50	50	
033-2520-30099:M&R/SER- OTHER		26			
Total SERVICES	**51,314.02**	**88,439**	**65,850**	**92,850**	**27,000**
CREDITS:					
033-2522-10000:EQUIPMENT USE CREDITS		(55)			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

033 - DUNLAP WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total CREDITS		**(55)**			
ADMINISTRATIVE & GENERAL:					
033-2525-00000:A & G EXPENSES	48,268.83	54,349	48,918	60,563	11,644
Total ADMINISTRATIVE & GENERAL	**48,268.83**	**54,349**	**48,918**	**60,563**	**11,644**
INTEREST EXPENSE:					
033-2540-10000:INT ON LONG TERM LOANS	99,100.47	79,594	80,856	72,274	(8,582)
033-2540-50300:INT ON GENERATOR-WFARGO				3,024	3,024
Total INTEREST EXPENSE	**99,100.47**	**79,594**	**80,856**	**75,298**	**(5,558)**
PURCHASES OF FIXED ASSETS					
LAND & LAND RIGHTS					
STRUCTURES & IMPROVEMENTS	110,000.00			5,000	5,000
AUTO & HEAVY EQUIPMENT		14,450	10,000		(10,000)
OFFICE FURN & EQUIPMENT					
MISCELLANEOUS EQUIPMENT	143,621.40		15,450	2,000	(13,450)
Total PURCHASES OF FIXED ASSETS	**253,621.40**	**14,450**	**25,450**	**7,000**	**(18,450)**
PROJECT DEVELOPMENT			**14,299**		**(14,299)**
PROJECT RECLASS TO OPR EXPENSES	**4,020.22**	**1,365**			
WIP-OPERATING	**(41,574.25)**	**124,065**	**110,000**	**202,303**	**92,303**
TOTAL OPERATING EXPENSES	**786,438.30**	**920,384**	**754,091**	**962,914**	**208,822**
NET OPERATING INCOME	**(8,563.00)**	**184,763**	**154,457**	**288,786**	**134,330**
INTERFUND LOANS RECEIVED:					
033-1213-00001:GENERAL LOANS REC.	190,000.00	67,500			
Total INTERFUND LOANS RECEIVED	**190,000.00**	**67,500**			
TOTAL NON-REVENUE FUNDS RECEIVED	**190,000.00**	**67,500**			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

033 - DUNLAP WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
DEBT SERVICE PAYMENTS:					
033-1213-00002:GENERAL LOANS PAID		150,000		150,000	150,000
033-1212-10002:LOAN PAID: GENERATOR, Regions	6,976.82	7,152	7,380	7,621	241
033-1212-40002:LOAN PAID: EXPANSION, Regions	275,000.00	810,748	105,000	105,000	
033-1212-50302:LOAN PAID: GENERATOR, WFargo			10,500	8,460	(2,040)
Total DEBT SERVICE PAYMENTS	**281,976.82**	**967,900**	**122,880**	**271,081**	**148,201**
RESERVE FUND REPAYMENTS:					
033-1131-00002:USE-CHANGE IN RESTR.FUNDS			1,980	1,000	(980)
Total RESERVE FUND REPAYMENTS			**1,980**	**1,000**	**(980)**
TOTAL NON-OPERATING FUNDS APPLIED	**281,976.82**	**967,900**	**124,860**	**272,081**	**147,221**
NET CHANGE IN FUND BALANCE	**(100,539.82)**	**(715,637)**	**29,597**	**16,705**	**(12,891)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

033 - DUNLAP WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
PROJECT DEVELOPMENT					
033-1187-71104:DUNLAP AREA MASTER PLAN-BENE	315.29	46	3,338		(3,338)
033-1187-71108:DUNLAP AREA MASTER PLAN-A&G	256.90	37	2,720		(2,720)
033-1187-71111:DUNLAP AREA MASTER PLAN-SUPE	778.49	113	8,242		(8,242)
033-1187-71198:DUNLAP AREA MASTER PLAN-W/O	(2,894.18)	(1,365)			
033-1187-71199:DUNLAP AREA MASTER PLAN-OTHE	1,543.50	1,169			
Total			**14,299**		**(14,299)**
TOTAL PROJECT DEVELOPMENT			**14,299**		**(14,299)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

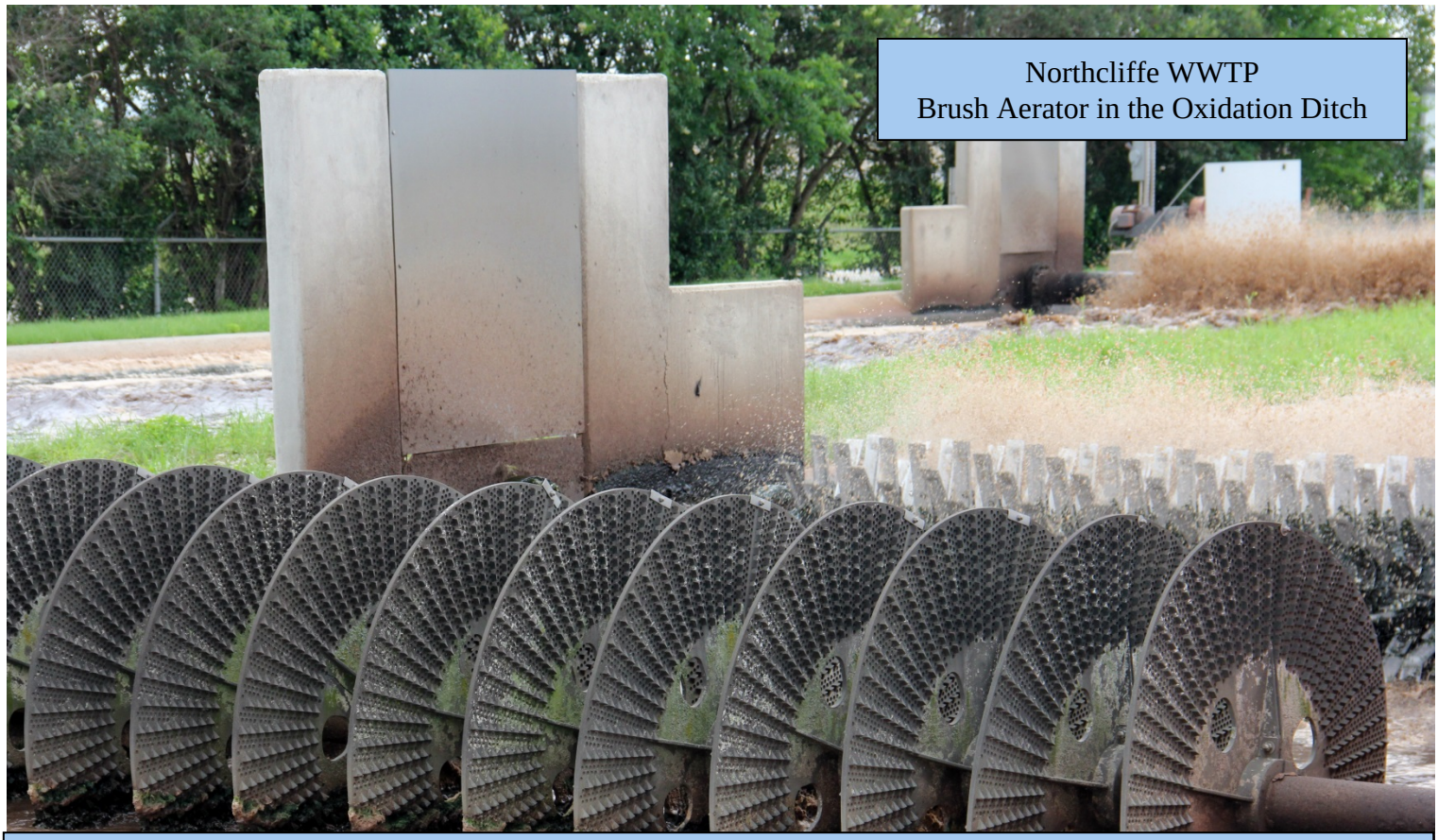
033 - DUNLAP WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
WIP - OPERATING					
033-1114-60907:SHOP/OFFICE/LAB BLDG-SERVICES			100,000	30,000	(70,000)
033-1114-60911:SHOP/OFFICE/LAB BLDG-PROF FEES			4,000		(4,000)
033-1114-60980:SHOP/OFFICE/LAB BLDG-MAT'L			5,000		(5,000)
033-1114-60999:SHOP/OFFICE/LAB BLDG-MISC			1,000		(1,000)
Total			**110,000**	**30,000**	**(80,000)**
033-1114-86402:EMERGENCY GEN INSTALL-SUPERVI		87			
033-1114-86403:EMERGENCY GEN INSTALL-LABOR		6,900			
033-1114-86404:EMERGENCY GEN INSTALL-BENEFIT		2,763			
033-1114-86407:EMERGENCY GEN INSTALL-SERVICE		103,122			
033-1114-86408:EMERGENCY GEN INSTALL-A&G		2,251			
033-1114-86480:EMERGENCY GEN INSTALL-MATERIA	(41,574.25)	8,942			
Total	**(41,574.25)**	**124,065**			
033-1114-87807:SOUTH BANK LS REHAB-SERVICE				172,303	172,303
Total				**172,303**	**172,303**
TOTAL WIP - OPERATING	**(41,574.25)**	**124,065**	**110,000**	**202,303**	**92,303**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

DUNLAP WWTP

	FY 2018 BUDGET
STRUCTURES & IMPROVEMENTS	
CHLORINE STORAGE BUILDING	5,000
Total STRUCTURES & IMPROVEMENTS	**5,000**
MISCELLANEOUS EQUIPMENT	
LAB EQUIPMENT	2,000
Total MISCELLANEOUS EQUIPMENT	**2,000**
TOTAL CAPITAL ADDITIONS	**7,000**



Northcliffe WWTP
Brush Aerator in the Oxidation Ditch

Northcliffe WWTP

Northcliffe Waste Water Treatment Plant
The Northcliffe Wastewater Reclamation System provides service to the Northcliffe subdivision in Comal and Guadalupe Counties.

Location: Schertz, Texas
Startup Date: September 9, 1977
Permitted Capacity: 300,000 gpd
Service Area: Portion of City of Schertz

Northcliffe WWTP is part of the Rural Utilities Division and is served by a staff of 4.5 FTE. These employees operate the Canyon Park, Dunlap and Northcliffe Wastewater Treatment Plants.

- Service Provided: Wastewater treatment
- Location: Schertz, Texas
- Startup Date: September 9, 1977
- Service Area: Part of City of Schertz
- Permitted Capacity: 300,000 gpd
- Budgeted Revenue: $326,098

Rural Utilities Division
Northcliffe Wastewater Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/18

BACKGROUND

The Rural Utilities Division is responsible for operating four wastewater reclamation systems that include the Canyon Park Estates, Dunlap and Northcliffe.

The four wastewater treatment plants named above range in treatment capacity from a high of 950,000 gallons per day (gpd) at the Dunlap Plant to a low of 180,000 gpd at Canyon Park Estates. All of the plants use an extended air activated sludge treatment process.

The Northcliffe 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 300,000 gpd via irrigation of 117 acres at the Northcliffe Country Club golf course.

REVENUE SOURCES AND TRENDS

The Rural Utilities Division operates the Northcliffe wastewater treatment plant and provides service to residents of the City of Schertz. The City of Schertz makes payments to reimburse GBRA for all of the cost of operating and maintaining the plant. This contractual arrangement provides that GBRA does not under-recover nor over-recover the cost of operating the plant. During FY 2018, the operating and capital expenditures of this plant are expected to decrease by $1,864 and therefore under the contract with the City of Schertz, wastewater service revenue will also decrease by $1,864 to a total of $326,098.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The following Work Plan and Budget describes the operations and maintenance to be performed during FY 2018 at the Northcliffe Wastewater Reclamation facility. 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.

Since the utility plant is relatively small, full-time personnel are not required in order to accomplish the mission. Five licensed employees, four operators and a chief operator/maintenance supervisor, provide operation and maintenance to the system on a daily basis. Additional manpower and equipment required for maintenance and technical services are transferred as needed from other operating divisions of GBRA. The Division Manager-Guadalupe/Gonzales Counties 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 several Texas Engineering Extension Service courses including a hazardous materials course. Personnel will also attend the Texas Water Utilities Association annual wastewater school as well as attend electrical training classes throughout the year. In-house training programs will be held on first aid, CPR, hazard communications and team training.

Significant capital improvements and operating and maintenance expenses for the ensuing Fiscal Year include:

1. Replacing a chlorine regulator. - $1,400
2. One-third the cost of lab equipment. - $2,000
3. One-third the cost of a chlorine storage structure. - $5,000
4. Vacuum Truck Rental - $4,000
5. Removal of bio-solids (sludge) from the plant and delivery to an application site - $15,000
6. Instrumentation Services, Inc. to continue predictive maintenance on all plant equipment - $1,100

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. Since this is a contract operation of GBRA that does not over-recover nor under-recover its total budgeted expenditures, the increase in fund balance for FY 2018 amounts to only $0.

Staffing Summary

Rural Utilities WWTPs	# of Authorized Positions (FTE)		
	2016	2017	2018
Chief Operator	1	1	1
Operator	4	4.5	4.5
Total	**5**	**5.5**	**5.5**

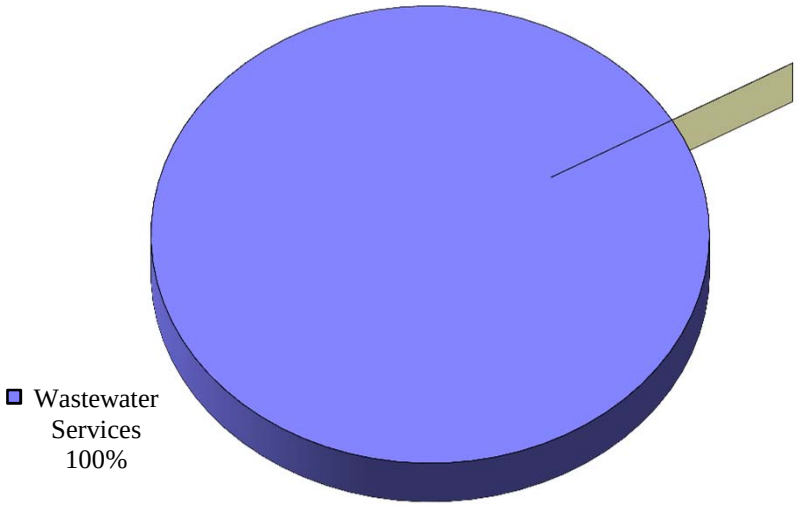
Changes from FY 2016 to FY 2017
½-Biosolids Operator position was added.

Changes from FY 2017 to FY 2018
No staffing changes for this division.

These employees are part of the Rural Utilities WWTP systems and are shared between the Canyon Park WWTP, Dunlap WWTP and the Northcliffe WWTP.

Budget Summary

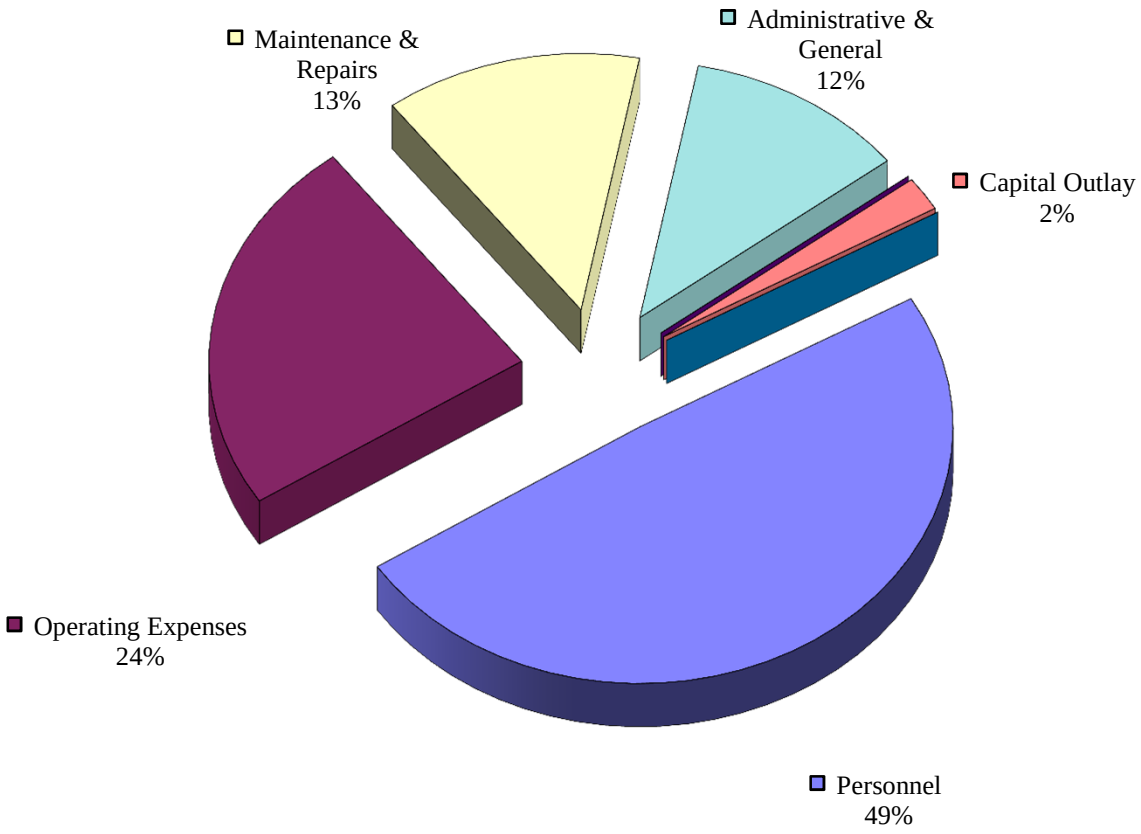
REVENUES - Northcliffe WWTP



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services	263,967	327,962	326,098
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	228		
Total Operating Revenue	**264,195**	**327,962**	**326,098**
Interest Income	474	444	
Grand Total Revenues	**264,669**	**328,406**	**326,098**

Budget Summary

EXPENSES - Northcliffe WWTP



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	115,177	144,756	160,321
Operating Expenses	57,560	86,976	77,792
Maintenance & Repairs	50,278	38,600	43,400
Administrative & General	26,788	33,929	37,585
Total Operating Expenses	**249,802**	**304,262**	**319,098**
Interest Expense			
Capital Outlay	14,450	23,700	7,000
Debt Service			
Grand Total Expenses	**264,251**	**327,962**	**326,098**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

034 - NORTHCLIFFE WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WASTEWATER SERVICES:					
034-2415-10100:OPERATING & MAINTENANCE	207,162.05	222,730	270,257	281,513	11,256
034-2415-10200:ADMINISTRATIVE & GENERAL	28,211.75	26,788	34,005	37,585	3,580
034-2415-30100:ADDITIONS TO PLANT & EQUIP.		14,450	23,700	7,000	(16,700)
Total WASTEWATER SERVICES	**235,373.80**	**263,967**	**327,962**	**326,098**	**(1,864)**
MISCELLANEOUS INCOME:					
034-2440-19900:MISCELLANEOUS REVENUES	91.65	228			
Total MISCELLANEOUS INCOME	**91.65**	**228**			
INTEREST INCOME:					
034-2420-15000:INT ON NOW ACCTS	16.86	56	24		(24)
034-2420-20000:INT ON RESTD INVESTMENTS	1,176.56	412	420		(420)
034-2420-20001:FAIR VALUE CHG OF INVEST.	(956.00)	6			
Total INTEREST INCOME	**237.42**	**474**	**444**		**(444)**
TOTAL OPERATING REVENUES	**235,702.87**	**264,669**	**328,406**	**326,098**	**(2,308)**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	5,360.88	6,319	8,646	9,734	1,088
SUPERVISION	4,220.51	2,857	10,934	7,685	(3,250)
OPERATING LABOR	72,816.83	65,852	83,236	96,476	13,240
MAINTENANCE LABOR	3,091.78	6,437			
Total SALARIES & WAGES	**85,490.00**	**81,465**	**102,816**	**113,894**	**11,078**
EMPLOYEE EXPENSES & BENEFITS:					
034-2512-20000:EMPLOYEES' TRAVEL	185.36	75	300	300	
034-2512-30000:EMPLOYEE BENEFITS	34,395.69	33,637	41,640	46,127	4,487
Total EMPLOYEE EXPENSES & BENEFITS	**34,581.05**	**33,712**	**41,940**	**46,427**	**4,487**
OPERATING SUPPLIES & SERVICES:					
034-2513-10000:TRUCK OPERATING EXPENSES	3,828.29	2,902	3,000	3,000	
034-2513-12001:BUILDING & EQUIPMENT RENTAL	1,913.73	1,386	31,636	21,292	(10,344)
034-2513-17000:DUES AND MEMBERSHIPS	127.30	137			
034-2513-18000:PUBLICATIONS AND BOOKS	20.94				
034-2513-19000:SMALL TOOLS EXPENSE	347.37	517			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
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	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
034-2513-20000:TRACTORS AND EQUIPMENT		8	100	100	
034-2513-21000:UNIFORMS AND LAUNDRY	436.29	427	400	400	
034-2513-22000:PROCESS/SPECIAL OPERATING		1			
034-2513-27000:TRAINING EXPENSES	659.22	583	1,200	1,400	200
034-2513-29000:SAFETY & EMERG. EXPENSES	993.93	479	900	900	
034-2513-30000:POWER AND UTILITIES	18,381.54	18,301	20,000	21,000	1,000
034-2513-30100:AUXILLARY POWER EXPENSE	562.50	505	1,000	1,000	
034-2513-40100:CHLORINE	3,061.26	4,106	2,900	3,200	300
034-2513-40902:POLYMER	1,375.69	977	1,800	1,000	(800)
034-2513-50000:LAB SUPPLIES & EXPENSES	13,028.10	18,085	11,500	13,000	1,500
034-2513-60000:PROFESSIONAL FEES	1,198.30	1,113	900	1,000	100
034-2513-65000:INSPECTION FEES	1,272.01	1,265	2,400	2,500	100
034-2513-70000:COMMUNICATIONS	686.69	573	700	1,000	300
034-2513-80000:OFFICE SUPPLIES & EXPENSES	21.79	83	1,100	1,100	
034-2513-80200:COMPUTER SUPPLIES & SERVICE	322.40	531			
034-2513-90000:INSURANCE EXPENSE	3,577.51	4,004	5,700	4,100	(1,600)
034-2513-99900:MISCELLANEOUS EXPENSES	946.56	1,581	1,740	1,800	60
Total OPERATING SUPPLIES & SERVICES	**52,761.42**	**57,563**	**86,976**	**77,792**	**(9,184)**
MAINTENANCE & REPAIR					
MATERIAL:					
034-2520-20001:M&R/MAT- GROUNDS	43.64	233			
034-2520-20002:M&R/MAT- BUILDINGS	111.52	107			
034-2520-20003:M&R/MAT- COMMINUTOR		1			
034-2520-20004:M&R/MAT- CLARIFIERS	262.50	472	500	500	
034-2520-20006:M&R/MAT- PUMPS & MOTORS	1,522.27	1,368	2,000	3,000	1,000
034-2520-20007:M&R/MAT- CHEM FEED/SAMPLE	2,967.02	924	2,000	3,000	1,000
034-2520-20008:M&R/MAT- GREASE EQUIPMENT		333			
034-2520-20009:M&R/MAT- CONTROL SYSTEM	1,222.56	322	1,000	1,000	
034-2520-20010:M&R/MAT- LINES & VALVES	64.22	262	500	500	
034-2520-20011:M&R/MAT- FLOW METER		38	400	1,000	600
034-2520-20012:M&R/MAT- LIFT STATION	153.83	2,030	500	500	
034-2520-20013:M&R/MAT- SEWER SYSTEM	129.97				
034-2520-20014:M&R/MAT- TRUCKS,TRAILER&EQ	197.15	277	200	200	
034-2520-20015:M&R/MAT- RADI0 EQUIPMENT	18.18				
034-2520-20016:M&R/MAT- GENERAL MAINT.		527	1,100	1,100	
034-2520-20017:M&R/MAT- BIOSOLIDS REMOVAL	388.88	248	900	900	
034-2520-20018:M&R/MAT- SAFETY	98.37				
034-2520-20022:M&R/MAT - BIOSOLIDS SITE	265.19		500	500	
034-2520-20023:M&R/MAT- SCADA	801.21	55	600	600	
034-2520-20024:M&R/MAT- AUX GENERATOR	944.79		300	300	
034-2520-20030:M&R/MAT- GEN. OFFICE BLDG			50	50	
034-2520-20099:M&R/MAT- OTHER	15.07	35			

GUADALUPE-BLANCO RIVER AUTHORITY
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	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total MATERIAL	**9,206.37**	**7,234**	**10,550**	**13,150**	**2,600**
SERVICES:					
034-2520-30001:M&R/SER- GROUNDS	4,675.10	10,194			
034-2520-30004:M&R/SER- CLARIFIERS		70			
034-2520-30006:M&R/SER- PUMPS & MOTORS		8,880	1,000	1,000	
034-2520-30007:M&R/SER- CHEM FEED/SAMPLE	1,030.36	1,623	1,300	1,300	
034-2520-30009:M&R/SER- CONTROL SYSTEM	149.41		900	900	
034-2520-30010:M&R/SER- LINES & VALVES		804	500	500	
034-2520-30011:M&R/SER- FLOW METER	200.00	178	400	1,000	600
034-2520-30012:M&R/SER- LIFT STATION		1,072	1,000	1,000	
034-2520-30013:M&R/SER- SEWER SYSTEM	435.00				
034-2520-30014:M&R/SER -TRUCKS,TRAILER&EQ	1,630.23	1,250	1,500	1,500	
034-2520-30015:M&R/SER- RADIO EQUIPMENT	119.82	60			
034-2520-30016:M&R/SER- GENERAL MAINT.		1	2,700	3,700	1,000
034-2520-30017:M&R/SER- BIOSOLIDS REMOVAL	8,968.05	14,050	15,000	15,000	
034-2520-30018:M&R/SER- SAFETY		108			
034-2520-30021:M&R/SER- AUXILLARY POWER	105.00	1			
034-2520-30022:M&R/SER - BIOSOLIDS SITE	563.23	1,017	1,200	1,800	600
034-2520-30023:M&R/SER- SCADA	103.80	1,721	1,000	1,000	
034-2520-30024:M&R/SER- AUX GENERATOR	1,960.00	1,914	1,500	1,500	
034-2520-30030:M&R/SER- GEN. OFFICE BLDG	91.72	86	50	50	
034-2520-30099:M&R/SER- OTHER	5,200.00	16			
Total SERVICES	**25,231.72**	**43,044**	**28,050**	**30,250**	**2,200**
CREDITS:					
034-2522-10000:EQUIPMENT USE CREDITS		(3)			
Total CREDITS		**(3)**			
ADMINISTRATIVE & GENERAL:					
034-2525-00000:A & G EXPENSES	28,211.75	26,788	33,929	37,585	3,656
Total ADMINISTRATIVE & GENERAL	**28,211.75**	**26,788**	**33,929**	**37,585**	**3,656**

PURCHASES OF FIXED ASSETS

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
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034 - NORTHCLIFFE WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
LAND & LAND RIGHTS					
STRUCTURES & IMPROVEMENTS				5,000	5,000
AUTO & HEAVY EQUIPMENT		14,450	10,000		(10,000)
OFFICE FURN & EQUIPMENT					
MISCELLANEOUS EQUIPMENT			13,700	2,000	(11,700)
Total PURCHASES OF FIXED ASSETS		**14,450**	**23,700**	**7,000**	**(16,700)**
TOTAL OPERATING EXPENSES	**235,482.31**	**264,251**	**327,962**	**326,098**	**(1,863)**
NET OPERATING INCOME	**220.56**	**417**	**444**	**()**	**(445)**
TOTAL NON-REVENUE FUNDS RECEIVED					
RESERVE FUND REPAYMENTS:					
034-1131-00002:USE-CHANGE IN RESTR.FUNDS			420		(420)
Total RESERVE FUND REPAYMENTS			**420**		**(420)**
TOTAL NON-OPERATING FUNDS APPLIED			**420**		**(420)**
NET CHANGE IN FUND BALANCE	**220.56**	**417**	**24**	**()**	**(25)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

NORTHCLIFFE WWTP

	FY 2018 BUDGET
STRUCTURES & IMPROVEMENTS	
CHLORINE STORAGE BUILDING	5,000
Total STRUCTURES & IMPROVEMENTS	**5,000**
MISCELLANEOUS EQUIPMENT	
LAB EQUIPMENT	2,000
Total MISCELLANEOUS EQUIPMENT	**2,000**
TOTAL CAPITAL ADDITIONS	**7,000**



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 4 employees who also operate wastewater treatment plants in the City of Buda and the Shadow Creek subdivision.

- Service Provided: Wastewater treatment
- Service Area: Hays County
- # of Gallons Treated: 63,880,000
- Startup Operation Date: October 23, 2009
- Budgeted Revenue: $407,112

Rural Utilities Division
Sunfield Wastewater Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/18

BACKGROUND

The following Work Plan and Budget is based on the treatment of an average sewage flow of 63.88 million gallons per year or 0.148 million gallons per day for Fiscal Year 2018.

GBRA assumed operation of the Sunfield Wastewater Treatment Plant upon completion of construction and plant start-up in October 2009. Three operators divide their time between the Buda, Shadow Creek, and Sunfield plants to operate and maintain the systems. The System is supervised by the Chief Operator of the Shadow Creek Wastewater Reclamation System. 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.

This work plan is based upon a 12-month FY 2018 budget year. Since 2428 Partners funded the plant construction, no debt service is included in this budget.

The budget is based on the treatment of 63,880,000 gallons of wastewater. The budgeted FY 2018 revenue for the Sunfield System is $407,112.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The total operating expenditure budget for FY 2018 amounts to $407,112.

In addition to personnel costs, other significant operating and maintenance expenses are power and utilities expenses of $56,332, chemical expenses of $7,200, bio solids disposal of $17,280, laboratory supplies of $18,700 and $25,000 in professional fees for a wastewater permit amendment.

During Fiscal Year 2017, the Partners and the District constructed a second plant that doubles the amount of wastewater that can be treated, however, during Fiscal Year 2018, the original plant will need to be dewatered, cleaned, and rehabilitated so it can remain functional for several years into the future. The expected cost for this maintenance project is $122,900, but upon completion the reconditioned plant will be in near new condition.

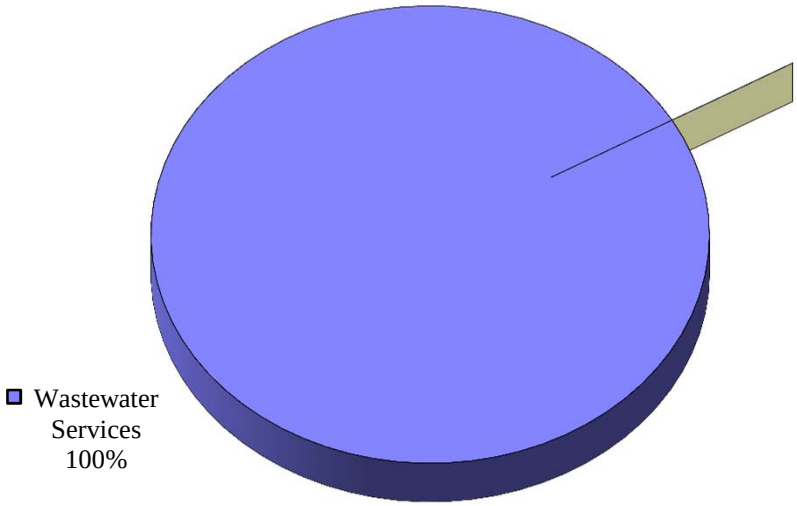
The budget includes the standard administration and general percentage charged to all operating divisions of GBRA and the budget for this expense is $17,596.

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 2018 is $0.

Budget Summary

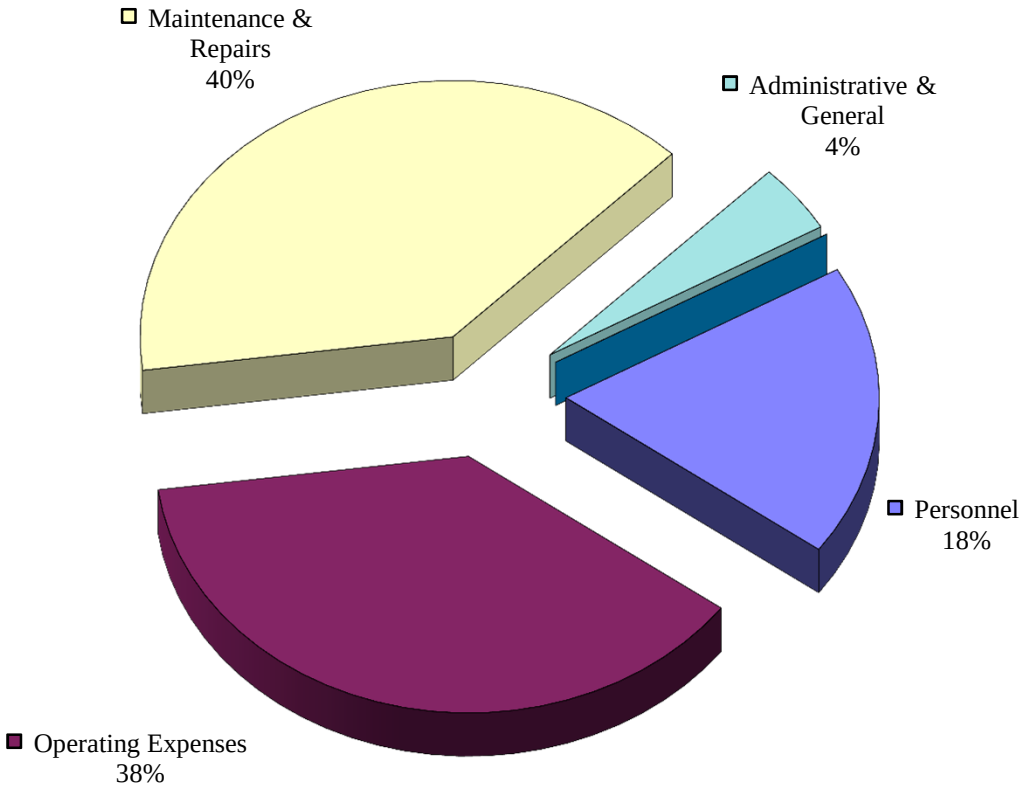
REVENUES - Sunfield WWTP



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services	190,356	209,817	407,112
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income			
Total Operating Revenue	**190,356**	**209,817**	**407,112**
Interest Income			
Grand Total Revenues	**190,356**	**209,817**	**407,112**

Budget Summary

EXPENSES - Sunfield WWTP



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	37,422	65,277	74,916
Operating Expenses	112,236	105,438	154,080
Maintenance & Repairs	31,908	23,770	160,520
Administrative & General	8,789	15,332	17,596
Total Operating Expenses	**190,356**	**209,817**	**407,112**
Interest Expense			
Capital Outlay			
Debt Service			
Grand Total Expenses	**190,356**	**209,817**	**407,112**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

037 - SUNFIELD WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WASTEWATER SERVICES:					
037-2415-10100:PLANT O & M EXPENSES	215,160.96	181,567	194,485	389,516	195,031
037-2415-10200:ADMINISTRATIVE & GENERAL	14,589.09	8,789	15,332	17,596	2,264
Total WASTEWATER SERVICES	**229,750.05**	**190,356**	**209,817**	**407,112**	**197,295**
TOTAL OPERATING REVENUES	**229,750.05**	**190,356**	**209,817**	**407,112**	**197,295**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	2,917.68	3,020	5,474	6,686	1,212
SUPERVISION	11,218.89	912	9,543	13,608	4,066
OPERATING LABOR	15,005.97	17,352	31,444	33,027	1,583
MAINTENANCE LABOR	15,066.75	5,351			
Total SALARIES & WAGES	**44,209.29**	**26,635**	**46,461**	**53,321**	**6,860**
EMPLOYEE EXPENSES & BENEFITS:					
037-2512-30000:EMPLOYEE BENEFITS	17,904.78	10,787	18,816	21,595	2,779
Total EMPLOYEE EXPENSES & BENEFITS	**17,904.78**	**10,787**	**18,816**	**21,595**	**2,779**
OPERATING SUPPLIES & SERVICES:					
037-2513-10000:TRUCK OPERATING EXPENSES	2,497.16	1,775	1,800	1,800	
037-2513-12001:BUILDING & EQUIPMENT RENTAL			5,868	5,868	
037-2513-19000:SMALL TOOLS EXPENSE	179.08	110	200	200	
037-2513-20000:TRACTORS AND EQUIPMENT		326	300		(300)
037-2513-22000:PROCESS/SPECIAL OPERATING		280			
037-2513-22002:BIOSOLIDS DISPOSAL COSTS	19,813.49	39,045	16,000	17,280	1,280
037-2513-29000:SAFETY & EMERG. EXPENSES	488.79	116	360	360	
037-2513-30000:POWER AND UTILITIES	36,249.79	30,353	42,000	56,332	14,332
037-2513-30100:AUXILLARY POWER EXPENSE	1,783.35	241	3,000	6,300	3,300
037-2513-40000:OPERATING CHEMICALS	618.90	238	400	400	
037-2513-40100:CHLORINE	1,415.94	1,370	1,600	1,600	
037-2513-40900:ALUM/FERRIC/CITRIC ACID	9,416.67	3,174	5,200	5,200	
037-2513-50000:LAB SUPPLIES & EXPENSES	21,406.41	21,654	18,700	18,700	
037-2513-60000:PROFESSIONAL FEES	1,404.00	2,086	1,500	26,500	25,000
037-2513-65000:INSPECTION/TESTING FEES	1,325.00	1,702	2,100	2,100	
037-2513-70000:COMMUNICATIONS	977.46	1,363	1,100	1,100	
037-2513-80000:OFFICE SUPPLIES & EXPENSES	425.18	165	220	180	(40)
037-2513-80200:COMPUTER SUPPLIES & SERVICE		71	150	120	(30)
037-2513-90000:INSURANCE EXPENSE	3,902.00	3,751	4,700	3,800	(900)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

037 - SUNFIELD WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
037-2513-99900:MISCELLANEOUS EXPENSES	478.29	4,417	240	6,240	6,000
Total OPERATING SUPPLIES & SERVICES	**102,381.51**	**112,236**	**105,438**	**154,080**	**48,642**
MAINTENANCE & REPAIR					
MATERIAL:					
037-2520-20001:M&R/MAT- GROUNDS	68.90	25	120		(120)
037-2520-20002:M&R/MAT- BUILDINGS	81.26		120		(120)
037-2520-20003:M&R/MAT- FILTERS	908.77		250	250	
037-2520-20004:M&R/MAT- CLARIFIERS	562.56	173	200	200	
037-2520-20006:M&R/MAT- PUMPS & MOTORS	161.15		2,000	1,800	(200)
037-2520-20007:M&R/MAT- CHEM FEED/SAMPLING	420.23	1,318	500	500	
037-2520-20010:M&R/MAT- LINES & VALVES			1,500	1,500	
037-2520-20011:M&R/MAT- FLOW METERS			120	120	
037-2520-20012:M&R/MAT- LIFT STATIONS		985	600	600	
037-2520-20016:M&R/MAT- GENERAL MAINT	11.93		150	960	810
037-2520-20018:M&R/MAT- SAFETY	74.25				
037-2520-20020:M&R/MAT- ROADS			500	500	
037-2520-20024:M&R/MAT- AUX GENERATOR	625.89	100	200		(200)
037-2520-20025:M&R/MAT- BLOWERS	418.32		300	300	
037-2520-20026:M&R/MAT- INSTRUM/ELECTRICAL	68.89	5,978	1,200	1,200	
037-2520-20027:M&R/MAT- NON-POT WATER SYSTE			120		(120)
037-2520-20099:M&R/MAT- OTHER	15.30	62	240		(240)
Total MATERIAL	**3,417.45**	**8,641**	**8,120**	**7,930**	**(190)**
SERVICES:					
037-2520-30001:M&R/SER- GROUNDS		8,154	1,200		(1,200)
037-2520-30002:M&R/SER- BUILDINGS		8	800		(800)
037-2520-30003:M&R/SER- FILTERS	17,441.98		500	500	
037-2520-30004:M&R/SER- CLARIFIER				500	500
037-2520-30006:M&R/SER- PUMPS & MOTORS		4,690	2,200	3,000	800
037-2520-30007:M&R/SER- CHEM FEED/SAMPLING	989.20	533	2,200	2,200	
037-2520-30010:M&R/SER- LINES & VALVES	250.00	75	500	500	
037-2520-30011:M&R/SER- FLOW METERS			240	240	
037-2520-30012:M&R/SER- LIFT STATIONS	4,411.50	3,698	3,250	3,600	350
037-2520-30016:M&R/SER- GENERAL MAINT.	22,906.48	474		122,900	122,900
037-2520-30020:M&R/SER- ROADS			500	15,000	14,500
037-2520-30024:M&R/SER- AUX GENERATOR	931.25	1,270	3,100		(3,100)
037-2520-30025:M&R/SER- BLOWERS		343	150	150	
037-2520-30026:M&R/SER- INSTRUM/ELECTRICAL	317.52	3,712	650	4,000	3,350
037-2520-30027:M&R/SER- NON-POT WATER SYSTE		310	120		(120)
037-2520-30099:M&R/SER- OTHER			240		(240)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

037 - SUNFIELD WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total SERVICES	**47,247.93**	**23,267**	**15,650**	**152,590**	**136,940**
ADMINISTRATIVE & GENERAL:					
037-2525-00000:A & G EXPENSES	14,589.09	8,789	15,332	17,596	2,264
Total ADMINISTRATIVE & GENERAL	**14,589.09**	**8,789**	**15,332**	**17,596**	**2,264**
PURCHASES OF FIXED ASSETS					
STRUCTURES & IMPROVEMENTS					
AUTO & HEAVY EQUIPMENT					
OFFICE FURN & EQUIPMENT					
MISCELLANEOUS EQUIPMENT					
Total PURCHASES OF FIXED ASSETS					
TOTAL OPERATING EXPENSES	**229,750.05**	**190,356**	**209,817**	**407,112**	**197,295**
NET OPERATING INCOME			**()**		**0**
TOTAL NON-REVENUE FUNDS RECEIVED					
TOTAL NON-OPERATING FUNDS APPLIED					
NET CHANGE IN FUND BALANCE			**()**		**0**



Water Sales

Canyon Dam and Reservoir

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

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

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

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

- Service Provided: Raw Water
- Location: Canyon Lake, TX
- Startup Operation Date: 1964
- Service Area: Guadalupe River Basin
- # of Current Employees: 33
- Budgeted Revenue: $25,864,441

Water Resources Division
Water Sales System
Operating Plan for Fiscal Year Ending 8/31/18

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.

The Division is organized to include the basic aspects of GBRA's Water Resource Mission including water resource supply, operations, planning, development, conservation, flood water management, water based recreation, as well as water quality monitoring and protection. Reservoir and diversion system operations and river management responsibilities are divided between operations personnel and the staff of Project Engineering and Development. The Executive Manager of Operations and Water Quality has the responsibility for water supply contracts, water distribution and operations for the entire river basin while day to day reservoir control and coordination with the Corps of Engineers is the responsibility of the Chief Engineer. In addition to water supply responsibilities, the Division also 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.

Included in this division are 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.

Also part of this Division is the project development and community relationship function. This function assists entities within GBRA's statutory district with community and economic development. GBRA provides support to projects that enhance the quality of life, provide recruitment of new industry and retention of existing businesses, encourage economic diversification and improves services essential to a viable community. GBRA's efforts are directed through local economic development corporations, chambers of commerce, and city and county governments. Customer relations development and on-going support are important to GBRA's mission as these efforts enhance GBRA's understanding of how to efficiently meet the water resource needs of a community. Emphasis will continue to be placed on enhancing customer communications to continue to build positive long-term relationships.

REVENUE SOURCES AND TRENDS

Water sales revenues are based on a firm water rate of $145.00 per acre-foot per year for FY 2018. This is a $3.00 or 2% increase over the FY 2017 rate. Total water sales revenues excluding "water delivery and pipeline operations" for FY 2018 are projected at $13,776,692.

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 2018 is estimated at $5,617,088. Revenue for the reimbursement of debt service payments from customers of GBRA's Western Canyon Project is estimated to total $5,320,337.

Grant revenue is estimated at $936,961.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Significant operating expenses in the Water Resources Division include payments to the U.S. Army Corps of Engineers, the Edwards Aquifer Authority (EAA) and Texas Commission on Environmental Quality (TCEQ). Payment to the Corps of Engineers for the maintenance of Canyon Dam is budgeted at $850,000. The Corps 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, $400,000 is budgeted for GBRA's portion of the EAA Habitat Conservation Plan and $150,000 is allocated for payment to TCEQ South Texas Watermaster. Funding is also provided for the Guadalupe-Blanco River Trust, the San Antonio Bay Foundation and Canyon Gorge preservation.

Professional service fees within the system include legal and engineering for ongoing operations, as well as for potential projects such as water supply studies, water quality studies, hazard mitigation requirements, watershed management studies, and participation in wastewater discharge hearings that affect the Guadalupe River Basin. Also included are estimated costs associated with the Sunset Advisory Commission's review of GBRA as required by the Texas Legislature. In FY 2018, operating costs for professional fees is budgeted at $927,650.

Maintenance and repair expenses include work on the river diversion system in the delta and the periodic removal of log jams. Together these projects approximate $127,300 in FY 2018.

Capital additions total $588,000 and include the purchase of surface water rights, infrastructure improvements for the Canyon Gorge and trucks and equipment for operations.

The budget also includes funding for various grant related programs. The programs and associated FY 2018 expenditures are detailed in the Project Development section of the budget and total $1,565,407. These expenditures are partially offset by grant funds identified in the revenue section.

New and ongoing development activities are budgeted as a transfer to a newly created Water Project Fund in the amount of $817,500. This new fund is being utilized to better communicate and manage multi-year on-going projects. The amount transferred for FY 2018 includes project funding for siphon gates, lower basin storage and the relocation of FM 110 in conjunction with TxDOT. The detail page for projects in the Water Project Fund can be found after the line-item budget in this section and include not only the projects identified in the FY 2018 transfer but also the groundwater water rights purchase identified in FY 2017. The groundwater purchase is anticipated to be funded with approximately $30,000,000 in revenue bonds and therefore has no rate consequences for the year.

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 and grant proceeds.

The anticipated net increase in fund balance in the Water Sales System of the Water Resource Division for FY 2018 is $11,054.

Staffing Summary

Water Supply	# of Authorized Positions (FTE)		
	2016	2017	2018
Executive Mgr. of Operations & Water Quality	1	1	1
Executive Mgr. of Business Dev. & Resource Mgmt.	1	1	---
Executive Mgr. of Project Engineering & Dev/Chief Engin	1	1	1
Executive Mgr of Resource Policy & Stewardship	---	---	1
Operations Manager - Lower Basin	1	1	---
Operations Manager - Upper Basin	1	1	---
Deputy Executive Mgr of Operations & Water Quality	1	1	1
Manager of Project Engineering	---	---	1
Division Manager - Calhoun/Refugio Counties	---	---	1
Division Manager - Hays/Caldwell Operations	1	1	1
Division Manager - Hydroelectric & Rural Utilities	---	---	1
Division Manager - Western Canyon Operations	1	1	1
Executive Director of Guadalupe Blanco River Trust	1	1	1
Executive Director of SA Bay Foundation	1	1	1
Technical Consultant	---	---	1
Engineer	1	1	2
Project & Community Representative	1	1	1
Regional Representative	1	1	1
Water Quality Project Manager	1	1	1
SCADA Administrator	1	1	---
Assistant Chief Ranger	1	1	1
Hydrologist/Technician	0.5	0.5	0.5
Project Coordinator	2	2	2
Water Quality & Permit Project Coordinator	1	1	1
Facilities Technician	---	---	1
Operations Assistant	1	1	2
Social Media/Community Relations Specialist	1	1	---
Construction Inspector	---	---	3
Natural Resource Specialist	1	1	1
Maintenance Technician	---	---	1
Utilities Accounts Assistant	---	---	1
Water Quality Technician	---	1	1
Park Ranger	1	1	1
Office Assistant	0.5	0.5	0.5
Seasonal Ranger	0.5	0.5	---
Water Quality Specialist	0.5	---	---
SUBTOTAL	**25**	**25.5**	**33**

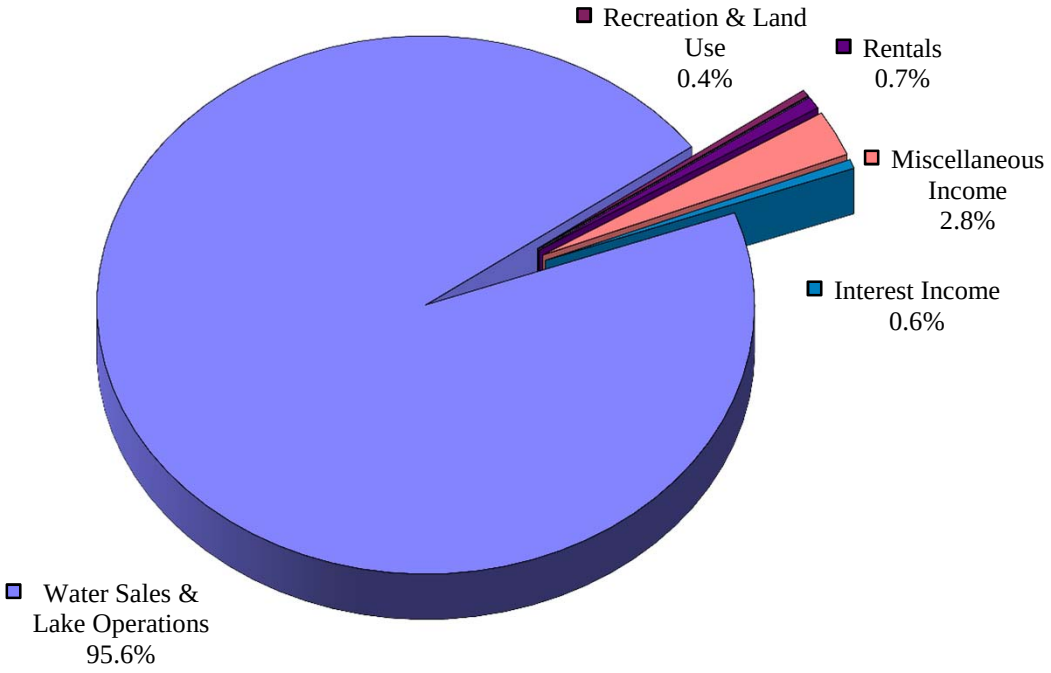
Staffing Summary

Changes from FY 2016 to FY 2017
1-Division Manager - Calhoun/Refugio Counties was added.
1-Risk Management Officer positon was added.
½-P/T Water Quality Specialist was removed.
* P/T Administrative Services Assistant changed to P/T Office Assistant

Changes from FY 2017 to FY 2018
1-Engineer position was added.
1-Moved from GV Hydroelectric: Division Manager - Hydroelectric & Rural Utilities
10-Moved from General: Executive Manager of Resource Policy & Stewardship, Manager of Project Engineering, Technical Consultant, Facilities Technician, Operations Assistant, Construction Inspector (3), Maintenance Technician, and Utility Accounts Assistant
2-Removed Upper and Lower Basin Operation Managers.
3-Moved to General: Executive Manager of Business Dev & Resource Mgmt (changed to Advisor to the GM), SCADA Administrator and Social Media/Community Relations Specialist.
½-Seasonal Ranger was removed.
1-Moved from Canal to Water Sales: Port Lavaca Operations Manager (change to Division Manager-Calhoun/Refugio Counties).

Budget Summary

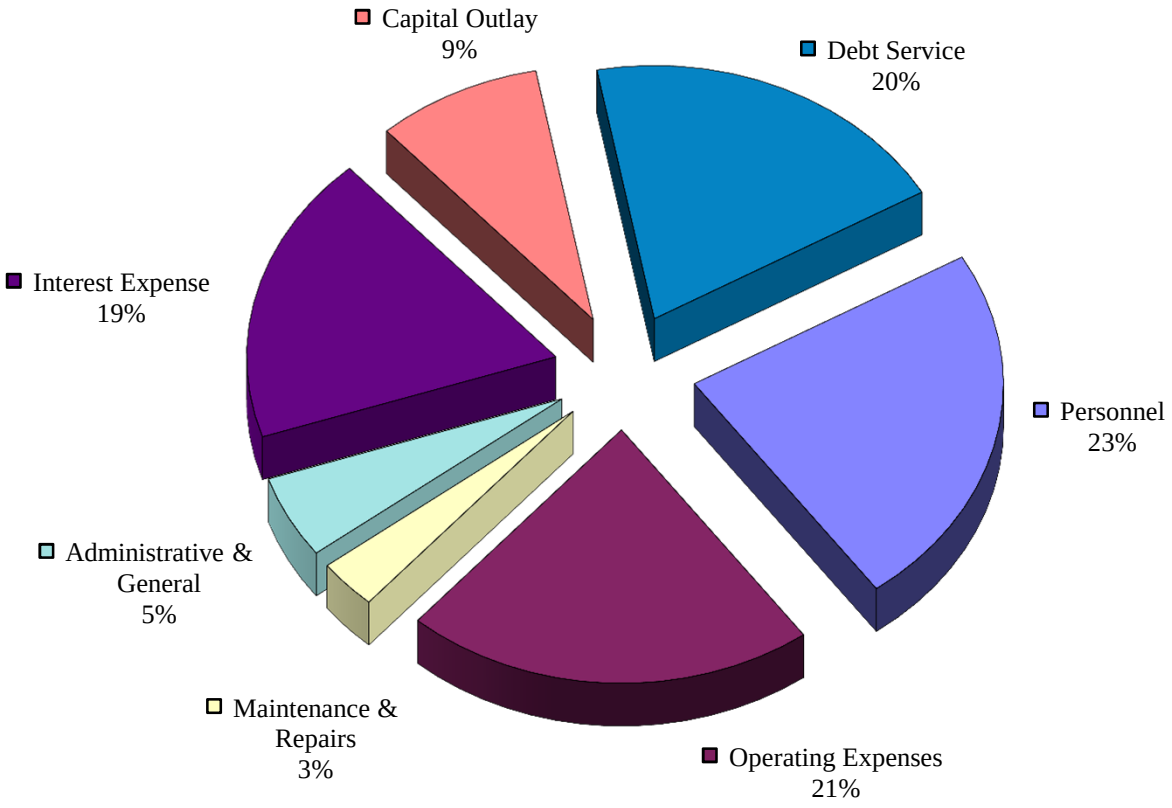
REVENUES - Water Sales



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	23,569,769	24,122,897	24,714,114
Recreation & Land Use	110,864	135,000	103,600
Wastewater Services			
Laboratory Services			
Rentals	202,773	190,416	190,404
Administrative & General			
Miscellaneous Income	1,650,476	5,052,054	712,643
Total Operating Revenue	**25,533,882**	**29,500,367**	**25,720,761**
Interest Income	253,335	134,448	143,680
Grand Total Revenues	**25,787,217**	**29,634,815**	**25,864,441**

Budget Summary

EXPENSES - Water Sales



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	4,177,255	4,842,002	5,792,714
Operating Expenses	6,185,029	5,889,893	5,333,992
Maintenance & Repairs	671,425	845,944	782,477
Administrative & General	949,260	1,114,456	1,313,131
Total Operating Expenses	**11,982,968**	**12,692,295**	**13,222,314**
Interest Expense	4,109,683	4,552,666	4,590,076
Capital Outlay	2,372,361	35,723,110	2,153,407
Debt Service	4,527,086	4,644,896	4,880,285
Grand Total Expenses	**22,992,098**	**57,612,967**	**24,846,082**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

041 - WATER SALES

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WATER SALES & LAKE OPERATIONS:					
041-2413-10100:W/S AEP TX CENTRAL CO	777,500.00	807,500	848,500	868,500	20,000
041-2413-10200:W/S INEOS NITRILES GREEN LAKE	142,541.71	148,042	155,558	159,225	3,667
041-2413-10300:W/S PORT LAVACA WTP	77,750.00	73,910	63,355	129,696	66,341
041-2413-10400:W/S C.C. RURAL WATER SUPPLY	9,459.66	9,825	10,323	10,567	243
041-2413-10500:W/S CITY OF SEGUIN	129,583.41	134,583	141,417	144,750	3,333
041-2413-10600:W/S GONZALES COUNTY WSC	45,354.20	47,104	49,496	50,663	1,167
041-2413-10700:W/S SPRINGS HILL WSC	369,312.62	383,563	403,038	412,538	9,500
041-2413-10900:W/S REBECCA CREEK MUD	16,845.91	17,496	18,384	18,818	433
041-2413-11000:W/S CRWA-HAYS CO,SAN MARC	264,090.91	274,281	288,207	295,001	6,793
041-2413-11200:W/S SEADRIFT COKE	43,280.91	44,951	47,233	48,347	1,113
041-2413-11300:W/S UNION CARBIDE	12,958.41	13,458	14,142	14,475	333
041-2413-11400:W/S STANDARD GYPSUM	33,432.50	34,723	36,486	37,346	860
041-2413-11700:W/S STRUCTURAL METALS	90,708.41	94,208	98,992	101,325	2,333
041-2413-11800:W/S NEW BRAUNFELS UTIL.	1,259,550.00	1,308,150	1,374,570	1,406,970	32,400
041-2413-11900:W/S CRYSTAL CLEAR WSC	103,666.71	107,667	113,133	115,800	2,667
041-2413-12000:W/S GOLF CLUB OF SEGUIN	3,239.66	1,115			
041-2413-12100:W/S CANYON REGIONAL W.A.	1,554,896.98	1,608,658	1,680,841	1,700,919	20,078
041-2413-12300:W/S CANYON LAKE W.S.C.	829,166.74	861,167	905,067	926,400	21,333
041-2413-12400:W/S CITY OF SAN MARCOS	1,295,833.41	1,345,833	1,414,167	1,447,500	33,333
041-2413-12600:W/S GUADALUPE POWER,L.P.	864,351.30	889,163	967,290	990,090	22,800
041-2413-12700:W/S CITY OF KYLE	705,322.16	732,537	769,731	787,874	18,143
041-2413-12800:W/S GREEN VALLEY SUD	129,583.41	134,583	141,417	144,750	3,333
041-2413-12900:W/S HAYS ENERGY LTD PTSP	319,293.41	331,613	348,451	356,664	8,213
041-2413-13000:W/S CITY OF FAIR OAKS	238,958.38	248,208	261,621	267,788	6,167
041-2413-13100:W/S SAN ANTONIO WTR. SYS.	1,259,154.76	1,287,490	991,084	1,013,341	22,256
041-2413-13200:W/S CITY OF BOERNE	466,420.88	484,476	510,656	522,692	12,037
041-2413-13203:W/S GBRA - COMAL TRACE	10,067.65	12,427	7,071	14,475	7,404
041-2413-13205:W/S SAN JOSE-PARK VILLAGE	41,591.74	43,202	45,536	46,610	1,073
041-2413-13207:W/S JACQUELYN COUSER	12,916.74	13,417	14,142	14,475	333
041-2413-13208:W/S BREMER RANCH, LTD	12,916.74	13,417	14,142	14,475	333
041-2413-13400:W/S CITY OF BLANCO	77,750.00	80,750	84,850	86,850	2,000
041-2413-13600:W/S FORESIGHT	37,579.21	39,029	41,011	41,978	967
041-2413-13800:W/S CORDILLERA RANCH, LTD.	193,750.00	201,250	212,125	217,125	5,000
041-2413-14000:W/S KENDALL CUC/TAPATIO SPRGS	96,875.00	100,625	106,063	108,563	2,500
041-2413-14200:W/S CITY OF BUDA	217,700.00	226,100	237,580	243,180	5,600
041-2413-14300:W/S D.H.INV-JOHNSON RANCH	116,250.00	120,750	127,275	130,275	3,000
041-2413-14400:W/S GOFORTH SUD	192,085.59	301,922	202,792	324,674	121,883
041-2413-14500:W/S H H RANCH PROPERTIES	32,395.91	33,646	35,354	36,188	833
041-2413-14600:W/S SUNFIELD	350,350.29	261,444	389,179	281,249	(107,929)
041-2413-14601:W/S MONARCH UTILITIES, LP	72,566.71	75,367	79,193	81,060	1,867
041-2413-14800:W/S LERIN DEVELOPMENT CO. INC	96,875.00	100,625	106,063	108,563	2,500
041-2413-19900:W/S OTHER SMALL SALES	51,193.93	53,812	112,380	54,918	(57,461)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

041 - WATER SALES

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
041-2413-30100:DEBT SERVICE REQ-W. CANY.BOER	463,154.28	463,154			
Total WATER SALES & LAKE OPERATIONS	**13,118,275.24**	**13,565,239**	**13,467,910**	**13,776,692**	**308,782**
RECREATION & LAND USE:					
041-2414-10100:G. V. RECREATION REVENUE	31,700.00	36,589	28,000	32,000	4,000
041-2414-10200:LAKEWOOD REC. REVENUE	103,684.15	74,275	107,000	71,600	(35,400)
Total RECREATION & LAND USE	**135,384.15**	**110,864**	**135,000**	**103,600**	**(31,400)**
RENTALS:					
041-2417-10000:LAKEWOOD RENTAL INCOME	25,549.52	3,141			
041-2417-20000:OFFICE EXPAN. BLDG RENTAL	230,463.72	199,632	190,416	190,404	(12)
Total RENTALS	**256,013.24**	**202,773**	**190,416**	**190,404**	**(12)**
MISCELLANEOUS INCOME:					
041-2440-10200:INSPECTION FEE INCOME-BULVERD				56,250	56,250
041-2440-19900:MISCELLANEOUS REVENUES	91,753.05	126,740	29,000	18,400	(10,600)
Total MISCELLANEOUS INCOME	**91,753.05**	**126,740**	**29,000**	**74,650**	**45,650**
INTEREST INCOME:					
041-2420-10000:INT ON OPERATING FUNDS	141,006.92	150,478	102,000	102,000	
041-2420-10001:FAIR VALUE CHG OF INVEST.	(100,740.49)	55,706			
041-2420-15000:INT ON NOW ACCTS	522.48	619	660	660	
041-2420-20100:INT: I&S FUND,RRWDS 07 BONDS	185.17	359	300	300	
041-2420-20500:INT: I&S FUND,OFFICE EXP BOND	110.10	114	120	120	
041-2420-20600:INT: I&S FUND,WCANYON'13 BONDS	467.16	4,648	1,200	1,200	
041-2420-20601:FAIR VALUE CHG OF INVEST.	891.09				
041-2420-20700:INT: I&S FUND,IH35 '13 BONDS	225.77	1,283	720	1,200	480
041-2420-20800:INT: RESERVE FUND,IH35 BONDS	14,302.20	28,426	7,800	15,000	7,200
041-2420-20801:FAIR VALUE CHG OF INVEST.	(12,689.20)	(18,875)			
041-2420-20900:INT:RATE STAB FUND, RRWDS'07	5,078.62	5,355		4,800	4,800
041-2420-20901:FAIR VALUE CHG OF INVEST.	(3,810.01)	(858)			
041-2420-21000:INT: W.CANYON RATE STABILIZ.	12,753.26	22,540	18,000	16,000	(2,000)
041-2420-21001:FAIR VALUE CHG OF INVEST.	(13,456.36)	(1,460)			
041-2420-22000:INT: IH35 RATE STABILIZATION	1,326.85	1,956		1,200	1,200
041-2420-22001:FAIR VALUE CHG OF INVEST.	(95.88)	1,279			
041-2420-25000:INT: MID-BASIN RESERVE (WIF)	970.45	1,699	3,600	1,200	(2,400)
041-2420-26000:INT: MID-BASIN I&S	63.56	64	48		(48)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

041 - WATER SALES

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total INTEREST INCOME	**47,111.69**	**253,335**	**134,448**	**143,680**	**9,232**
GAIN(LOSS) ON SALE OF ASSETS:					
041-2612-00000:LOSS ON SALE OF ASSETS	2,825.88				
Total GAIN(LOSS) ON SALE OF ASSETS	**2,825.88**				
GRANT & OTHER INCOME:					
041-2460-00000:GOVERNMENT GRANTS & STATE FU	672,631.37	1,201,810	708,600	726,383	17,783
041-2460-00002:CLEAN RIVERS PROGRAM FUNDS		155,658	135,378	135,378	
041-2460-00003:ENVIRONMENTAL PROGRAM FUNDS	4,000.00	43,918	387,992	25,200	(362,792)
041-2460-00004:TX DoT PROGRAM FUNDS			1,280,000		(1,280,000)
041-2460-00005:FLOOD DEBRIS/LOG JAM GRANTS			2,209,084	50,000	(2,159,084)
041-2460-20000:CONTRIBUTED BY CUSTOMERS	214,826.00	122,350	475,000		(475,000)
041-2460-30000:CONTRIBUTED BY OTHER FUNDS			(173,000)	(298,968)	(125,968)
Total GRANT & OTHER INCOME	**891,457.37**	**1,523,736**	**5,023,054**	**637,993**	**(4,385,061)**
DEBT SERVICE INCOME:					
041-2413-20100:DEBT SERV REQ-RRWDS PIPELINE	643,854.00	650,560	649,216	666,043	16,827
041-2413-20200:DEBT SERV REQ-RRWDS-HELP	161,616.60	161,617	161,617	161,617	
041-2413-20400:DEBT SERV REQ-RRWDS-CRWA	147,020.40	147,020	147,020	147,020	
041-2413-20500:DEBT SERV REQ-RRWDS-KYLE	357,819.96	357,820	357,820	357,820	
041-2413-20600:DEBT SERV REQ-RRWDS-BUDA	110,106.60	110,107	110,107	110,107	
041-2413-20700:DEBT SERV REQ-RRWDS-GOFORTH	109,230.23	180,555	180,556	180,556	
041-2413-20800:DEBT SERV REQ-RRWDS-SUNFIELD	253,137.81	181,813	181,812	181,812	
041-2413-20900:DEBT SERV REQ-RRWDS-MONARCH	37,019.52	37,020	37,020	37,020	
041-2413-21202:DEBT SER REQ-IH35 TWDS-KYLE	542,774.28	542,774	542,775	542,775	
041-2413-21204:DEBT SER REQ-IH35 TWDS-BUDA	167,523.00	167,523	167,523	167,523	
041-2413-21205:DEBT SER REQ-IH35 TWDS-GOFORT	166,535.59	274,990	274,738	274,738	
041-2413-21206:DEBT SER REQ-IH35 TWDS-SUNFLD	385,174.39	276,720	276,747	276,971	224
041-2413-21207:DEBT SER REQ-IH35 TWDS-MONARC	55,841.04	55,841	55,841	55,841	
041-2413-22101:DEBT SERREQ-SMWTP 2016-BUDA				37,048	37,048
041-2413-22102:DEBT SERREQ-SMWTP 2016-KYLE				120,035	120,035
041-2413-22103:DEBT SERREQ-SMWTP 2016-GOFOR				60,758	60,758
041-2413-22104:DEBT SERREQ-SMWTP 2016-SUNFIE				61,252	61,252
041-2413-22105:DEBT SERREQ-SMWTP 2016-MONAR				12,349	12,349
041-2413-30201:DEBT SERV REQ-WC-CANYON LK W	342,971.76	342,972	342,972	342,972	
041-2413-30400:DEBT SERV REQ-W.CANY.DH INVES	85,505.40	92,481	142,509	142,509	
041-2413-30500:DEBT SERV REQ-W.C.-FAIR OAKS R	447,478.32	447,478	461,729	461,729	
041-2413-30600:DEBT SERV REQ-W.C.-KENDAL/TAPA	95,006.04	95,006	95,006	95,006	
041-2413-30700:DEBT SERV REQ-W.CANYON-S.A.W.	3,516,457.71	3,518,010	3,451,568	3,451,568	
041-2413-30901:DEBT SERV REQ-W.CANYON-LERIN	106,881.72	106,882	106,882	106,882	
041-2413-31200:DEBT SERV REQ-GBRA COMAL TR	39,991.68	44,570	35,627	35,627	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

041 - WATER SALES

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
041-2413-31500:DEBT SERV REQ-W.C.-GBRA CORD	168,859.03	204,912	201,888	201,888	
041-2413-31600:DEBT SERV REQ-W.C.-J COUSER	9,500.64	9,501	9,501	9,501	
041-2413-31700:DEBT SERV REQ-W.C.-BREMER RNC	9,500.64	9,501	9,501	9,501	
041-2413-31800:DEBT SERV REQ-WC: BOERNE			463,154	463,154	
Total DEBT SERVICE INCOME	**7,959,806.36**	**8,015,671**	**8,463,126**	**8,771,620**	**308,494**
O&M PIPELINE INCOME:					
041-2413-18000:O&M RRWDS PIPELINE TRANSM.	875,090.87	989,699	1,280,090	1,208,084	(72,006)
041-2413-18100:O&M GPP PIPELINE TRANSM.	555,836.25	595,892	531,009	541,548	10,539
041-2413-18201:O&M IH35 P/L TRNSM-KYLE	132,303.24	168,270	160,946	173,865	12,919
041-2413-18202:O&M IH35 P/L TRNSM-GOFORTH	93,790.10	120,829	112,377	128,083	15,706
041-2413-18203:O&M-IH35 TWDS-BUDA	62,492.86	64,150	59,225	63,461	4,236
041-2413-18205:O&M IH35 P/L TRNSM-MONARCH	39,855.24	50,018	48,214	50,762	2,548
Total O&M PIPELINE INCOME	**1,759,368.56**	**1,988,859**	**2,191,861**	**2,165,803**	**(26,058)**
TOTAL OPERATING REVENUES	**24,261,995.54**	**25,787,217**	**29,634,815**	**25,864,441**	**(3,770,374)**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	697,901.33	949,679	1,498,656	1,493,261	(5,395)
SUPERVISION	1,296,474.33	1,267,685	1,002,212	1,381,419	379,207
OPERATING LABOR	386,154.36	418,817	876,269	1,201,463	325,194
MAINTENANCE LABOR	197,679.79	241,892			
Total SALARIES & WAGES	**2,578,209.81**	**2,878,073**	**3,377,137**	**4,076,143**	**699,006**
EMPLOYEE EXPENSES & BENEFITS:					
041-2512-20000:EMPLOYEES' TRAVEL	59,141.09	71,381	63,125	70,000	6,875
041-2512-20001:TRAVEL-LEGIS.ADVOCACY	104.53	238			
041-2512-20002:TRAVEL - WATER QUALITY	2,193.91	1,580			
041-2512-20003:TRAVEL EXP - NWRA	29,247.53	27,212	15,000	17,500	2,500
041-2512-20004:TRAVEL EXP - TWCA	22,155.62	26,511	19,000	17,500	(1,500)
041-2512-30000:EMPLOYEE BENEFITS	1,045,168.31	1,172,260	1,367,740	1,611,570	243,830
Total EMPLOYEE EXPENSES & BENEFITS	**1,158,010.99**	**1,299,182**	**1,464,865**	**1,716,570**	**251,705**
OPERATING SUPPLIES & SERVICES:					
041-2513-10000:TRUCK & AUTO OPERATING EXP	17,115.38	14,239	14,760	15,000	240
041-2513-10002:AUTO OPERATING EXPENSES	471.08	371			
041-2513-12004:OFFICE RENTAL & EXPENSES	24,540.06	22,440	8,500	8,500	
041-2513-14000:SAN ANTONIO BAY FOUNDATION EX	22,144.42	23,916	25,000	25,000	
041-2513-14100:GUADALUPE RIVER FOUNDATION EX	3,295.00	379	3,000	3,000	

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041-2513-14200:GORGE PRESERVATION SOCIETY			16,500	25,000	8,500
041-2513-15000:ECONOMIC DEVELOPMENT	62,296.97	67,302	75,000	85,000	10,000
041-2513-15100:GBR TRUST EXPENSE	44,445.01	58,831	40,000	40,000	
041-2513-16000:PUBLIC INFORMATION	4,690.70	2,253	5,000	5,000	
041-2513-16008:GOVERNMENT RELATIONS			5,000	5,000	
041-2513-16012:CHAMBER OF COMMERCE	25,061.91	25,888	35,000	25,000	(10,000)
041-2513-16013:PC-MEDIA EXPENSES	731.38	2,188	3,000	3,000	
041-2513-16014:PC-ED/CONSV PROJ.MATERIAL	19,482.07	34,778	35,000	40,000	5,000
041-2513-16016:PC-COMMUNITY REL/SPONSORS	18,587.95	16,400	15,000	15,000	
041-2513-16018:PC-SPECIAL PROJECTS	13,973.42	18,667	20,000	30,000	10,000
041-2513-16021:PC-RIVER RUN MAGAZINE	17,708.84	11,252	15,000	20,000	5,000
041-2513-16024:PC-PECAN FEST	10,238.90	8,720	8,500	8,000	(500)
041-2513-17000:MEMBERSHIPS & PUBLICATIONS	31,555.59	23,357	20,000	20,000	
041-2513-18000:PUBLICATIONS AND BOOKS	1,248.77	2,080			
041-2513-19000:SMALL TOOLS EXPENSE	164.15	617	250	3,000	2,750
041-2513-20000:TRACTORS AND EQUIPMENT			4,000	4,000	
041-2513-21000:UNIFORMS AND LAUNDRY	792.17	696	1,000	1,500	500
041-2513-22000:PROCESS/CORPS CANYON	155,423.04	138,071	460,000	850,000	390,000
041-2513-23000:BAD DEBT EXPENSE		250			
041-2513-24000:USGS: GAUGING/MONITORING	165,753.81	144,138	194,000	194,000	
041-2513-27000:TRAINING & EDUCATION EXPENSES	8,696.63	8,479	29,000	35,000	6,000
041-2513-29000:SAFETY & EMERG. EXPENSES	1,984.77	2,129	1,000	1,000	
041-2513-29200:SECURITY EXPENSE		1,735	2,500	2,500	
041-2513-30000:POWER AND UTILITIES	13,918.26	12,341	14,040	14,040	
041-2513-30003:POWER/UTIL-RRWDS PIPELINE	595,241.85	704,443	705,000	700,000	(5,000)
041-2513-30004:POWER/UTIL-GPP PIPELINE	123,371.08	133,215	158,000	160,000	2,000
041-2513-30005:POWER/UTIL-IH35 PIPELINE	204,316.09	189,743	220,000	237,000	17,000
041-2513-50000:LAB SUPPLIES & EXPENSES	29,323.00	24,896	30,000	30,000	
041-2513-60000:PROFESSIONAL FEES	792,514.68	599,908	390,635	810,000	419,365
041-2513-60001:PROF FEES-LEGIS. ADVOC.	128,580.87	129,203	32,400	67,650	35,250
041-2513-60003:PROF FEES-PUBLIC COMMUNICATIO	114,999.96	115,000			
041-2513-60004:PROF FEES-EAA HABITAT CONSERV			400,000	400,000	
041-2513-60005:PROF FEES-TWDB FLOOD MATCHIN				50,000	50,000
041-2513-62000:RRWDS PIPELINE EXP	50,487.82	28,294	51,435	53,900	2,465
041-2513-62300:MOBILE PRESS EXP			2,400	2,400	
041-2513-62400:IH35 PIPELINE EXP	13,974.38	19,791	25,800	25,800	
041-2513-62500:GPP PIPELINE EXP	4,045.50	3,972	19,350	20,300	950
041-2513-63000:GV RECREATION EXP	10,498.76	10,859	12,500	15,500	3,000
041-2513-63500:LAKEWOOD RECREATION EXP	47,002.06	38,519	54,052	64,989	10,937
041-2513-64000:RAINFALL ALERT SYSTEMS	762.29	2,086	9,000	9,600	600
041-2513-64100:KENDALL CO. ALERT EXP	117.07	324			
041-2513-64200:KERR CO. ALERT SYS. EXP	130.72				
041-2513-66000:SB. 818 ASSESSMENT	26,240.00	26,240	41,000	26,240	(14,760)
041-2513-68000:WATERMASTER PAYMENT	112,233.90	116,826	120,000	150,000	30,000
041-2513-70000:COMMUNICATIONS	18,752.14	18,074	22,500	22,500	

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041-2513-80000:OFFICE SUPPLIES & EXPENSES	21,157.76	17,637	17,500	17,500	
041-2513-80200:COMPUTER SUPPLIES & SERVICE	13,049.88	13,329	14,300	14,500	200
041-2513-80600:REPRODUCTION/DUPLICATING	15,788.91	12,762	17,500	19,500	2,000
041-2513-81500:BANK SERVICE FEES	11,710.58	16,491	18,850	18,000	(850)
041-2513-90000:INSURANCE EXPENSE	88,882.13	89,665	104,000	104,300	300
041-2513-99900:MISCELLANEOUS EXPENSES	11,396.44	18,939	15,000	15,000	
Total OPERATING SUPPLIES & SERVICES	**3,098,898.15**	**2,971,733**	**3,531,272**	**4,512,219**	**980,947**
MAINTENANCE & REPAIR					
MATERIAL:					
041-2520-20002:M&R/MAT- CORPS OF ENG.		90			
041-2520-20003:M&R/MAT- REMOVE LOG JAMS	4,394.16	415	1,200	1,200	
041-2520-20004:M&R/MAT- WORK BOAT	1,541.79	18,307	1,200	1,200	
041-2520-20005:M&R/MAT- DIV. DAM/SWB	14,077.15	(191)	6,000	6,000	
041-2520-20006:M&R/MAT- DIV. ROADS&BRIDG		357	2,400	2,400	
041-2520-20007:M&R/MAT- DIVERSION LEVEES			26,200	101,080	74,880
041-2520-20008:M&R/MAT- DIVERSION GATES	157.70	5,029	7,000	2,400	(4,600)
041-2520-20009:M&R/MAT- TRUCKS	244.50	42			
041-2520-20010:M&R/MAT- RRWDS PIPELINE	31,043.08	62,754	61,000	63,000	2,000
041-2520-20011:M&R/MAT- GPP PIPELINE	3,844.46	3,160	37,700	39,200	1,500
041-2520-20012:M&R/MAT- GV RECREATION	2,153.76	3,144	6,000	6,500	500
041-2520-20013:M&R/MAT- LAKEWOOD REC	5,348.01	5,872	22,692	35,625	12,933
041-2520-20014:M&R/MAT- IH35 PIPELINE	28,288.02	29,868	15,000	22,000	7,000
041-2520-20020:M&R/MAT- KOBELCO TRACKHOE	11,184.43	1,400	3,600	3,600	
041-2520-20021:M&R/MAT- WORK BARGE	3,860.33	654	3,600	3,600	
041-2520-20022:M&R/MAT- KUBOTA U45 TRACKHOE	1,134.09	6,444	4,800	4,800	
041-2520-20023:M&R/MAT- KUBOTA M6800 TRACTOR	2,577.00	1,097	1,200	1,200	
041-2520-20024:M&R/MAT- MOBILE PRESS		1,298	5,560	5,560	
041-2520-20025:M&R/MAT- KUBOTA RTV	1,551.37	208	1,200	2,500	1,300
041-2520-20040:M&R/MAT- RAINFALL ALERT SYSTEM	1,335.16	31,644	1,500	23,300	21,800
041-2520-20041:M&R/MAT- KENDAL CO.RAIN TELEME	1,126.22	1,194	1,500		(1,500)
041-2520-20042:M&R/MAT- KERR CO RAIN TELEMET	3,561.31	4,457	3,200		(3,200)
041-2520-20043:M&R/MAT- GUAD.CO.RAIN TELEMET	893.73	4,167	1,500		(1,500)
Total MATERIAL	**118,316.27**	**181,410**	**214,052**	**325,165**	**111,113**
SERVICES:					
041-2520-30002:M&R/SER- CORPS OF ENG.	276,307.66	239,136			
041-2520-30003:M&R/SER- REMOVE LOG JAMS	10,575.65	1,057	25,000	25,000	
041-2520-30004:M&R/SER- WORK BOAT		21,776	1,200	1,200	
041-2520-30005:M&R/SER- DIV. DAM/SWB	1,185.00	1,017	28,400	13,400	(15,000)
041-2520-30006:M&R/SER- DIV. ROADS&BRIDG	5,000.00		2,400	2,400	
041-2520-30007:M&R/SER- DIVERSION LEVEES			57,200	7,200	(50,000)

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041-2520-30008:M&R/SER- DIVERSION GATES		8,930	3,600	3,600	
041-2520-30009:M&R/SER- TRUCKS	2,721.79	2,122			
041-2520-30010:M&R/SER- RRWDS PIPELINE	28,124.27	88,615	221,900	135,900	(86,000)
041-2520-30011:M&R/SER- GPP PIPELINE	28,221.29	16,407	100,000	105,500	5,500
041-2520-30012:M&R/SER- GV RECREATION	26,176.62	42,481	78,000	70,000	(8,000)
041-2520-30013:M&R/SER- LAKEWOOD REC.	9,546.60	5,399	13,092	10,712	(2,380)
041-2520-30014:M&R/SER- IH35 PIPELINE	20,289.87	30,384	27,500	27,500	
041-2520-30020:M&R/SER- KOBELCO TRACKHOE	25,642.04	1,172	6,000	6,000	
041-2520-30021:M&R/SER- WORK BARGE	7,087.04	888	4,800	4,800	
041-2520-30022:M&R/SER- KUBOTA U45 TRACKHOE	557.14		12,400	2,400	(10,000)
041-2520-30023:M&R/SRV- KUBOTA M6800 TRACTOR		1,530	1,200	1,200	
041-2520-30025:M&R/SER- KUBOTA RTV	700.00		1,200	6,500	5,300
041-2520-30030:M&R/SER- GEN. OFFICE BLDG	12,525.68	13,464	10,000	12,000	2,000
041-2520-30040:M&R/SER- COMAL CO.RAIN TELEME	185.98	677	2,500		(2,500)
041-2520-30041:M&R/SER- KENDAL CO.RAIN TELEME	1,810.48	1,829	2,500		(2,500)
041-2520-30042:M&R/SER- KERR CO RAIN TELEMETR	10,874.83	11,602	8,500		(8,500)
041-2520-30043:M&R/SER- GUAD.CO.RAIN TELEMET	310.46	1,349	2,500		(2,500)
041-2520-30044:M&R/SER- VEGETATION CONTROL			12,000	12,000	
041-2520-30099:M&R/SER- OTHER	75.00	178	10,000	10,000	
Total SERVICES	**467,917.40**	**490,014**	**631,892**	**457,312**	**(174,580)**
CREDITS:					
041-2522-10000:EQUIPMENT USE CREDITS	(22,001.84)	(19,796)			
Total CREDITS	**(22,001.84)**	**(19,796)**			
ADMINISTRATIVE & GENERAL:					
041-2525-00000:A & G EXPENSES	851,039.30	949,260	1,114,456	1,313,131	198,675
Total ADMINISTRATIVE & GENERAL	**851,039.30**	**949,260**	**1,114,456**	**1,313,131**	**198,675**
INTEREST EXPENSE:					
041-2540-00000:INT: CANYON COE LOAN	75,385.16	69,547	67,584	57,430	(10,154)
041-2540-15100:INT: 2011 REFUNDING BONDS	347,456.28	333,356	317,397	301,773	(15,624)
041-2540-18000:INT: 2016 SM REFUNDING				174,530	174,530
041-2540-20000:INT: 2010 RRWDS BONDS	144,168.76	135,269	126,069	115,494	(10,575)
041-2540-20020:INT: 2007 RRWDS BONDS	800,004.09	785,031	767,712	750,612	(17,100)
041-2540-30000:INT: 2006 WTR RIGHTS LOANS	32,030.87	30,736	29,388	27,970	(1,418)
041-2540-40200:INT: 2006 OFFICE EXPAN LOANS	8,081.33	1,482			
041-2540-44000:INT: 2012 MID-BASIN BONDS	37,598.31	37,603	37,608	37,577	(31)

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041-2540-45000:INT: 2013 WCANYON BONDS	2,699,962.29	2,632,300	2,560,169	2,499,413	(60,756)
041-2540-45200:INT: 2013 IH35 BONDS	652,556.28	641,656	626,483	612,557	(13,926)
041-2540-45500:INT: BOND DISCOUNT AMORT	14,328.12	14,328			
041-2540-45501:INT: BOND PREMIUM AMORT	(582,907.20)	(571,626)			
041-2540-50300:INT: PRESS/TRUCK-WFARGO			20,256	12,720	(7,536)
Total INTEREST EXPENSE	**4,228,664.29**	**4,109,683**	**4,552,666**	**4,590,076**	**37,410**
PURCHASES OF FIXED ASSETS					
LAND & LAND RIGHTS					
WATER RIGHTS			29,229,000	301,000	(28,928,000)
STRUCTURES & IMPROVEMENTS		67,805		95,000	95,000
SPECIALIZED OPER. EQUIPMENT			9,000		(9,000)
AUTO & HEAVY EQUIPMENT	45,724.60	48,475		192,000	192,000
OFFICE FURN & EQUIPMENT		5,144	5,000		(5,000)
MISCELLANEOUS EQUIPMENT	5,886.00	45,710			
Total PURCHASES OF FIXED ASSETS	**51,610.60**	**167,134**	**29,243,000**	**588,000**	**(28,655,000)**
PROJECT DEVELOPMENT	**344,848.38**	**2,205,227**	**6,296,309**	**1,565,407**	**(4,730,902)**
PROJECT RECLASS TO OPR EXPENSES	**2,827,738.44**	**3,233,092**	**2,358,621**		**(2,358,621)**
WIP-OPERATING			**183,801**		**(183,801)**
TRANFSER TO WATER PROJECT FUND				**817,500**	**817,500**
TOTAL OPERATING EXPENSES	**15,703,251.79**	**18,465,012**	**52,968,071**	**19,961,523**	**(33,006,547)**
NET OPERATING INCOME	**8,558,743.75**	**7,322,205**	**(23,333,256)**	**5,902,918**	**29,236,173**
BOND PROCEEDS:					
041-1211-05101:BOND PREMIUM AMORT-WEST CAN	(486,293.16)	(475,447)			
041-1211-05301:BOND PREMIUM AMORT-SMarcos'07	(5,346.24)	(5,235)			
041-1211-05401:BOND PREMIUM AMORT-2011 BOND	(10,314.48)	(10,314)			
041-1211-05501:BOND PREMIUM AMORT-2013 IH 35	(19,413.48)	(19,089)			
041-1211-50001:BOND REC.-GROUNDWATER LEASE			28,000,000		(28,000,000)
Total BOND PROCEEDS	**(521,367.36)**	**(510,086)**	**28,000,000**		**(28,000,000)**
BANK LOANS RECEIVED:					
041-1212-20101:LOAN REC: WATER RIGHTS, USSERY	(10,646.47)	(11,126)			
041-1212-20201:LOAN REC: WTR RIGHT, LULING FN	(18,122.66)	(18,938)			

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Total BANK LOANS RECEIVED	**(28,769.13)**	**(30,064)**			
USE OF RESERVE FUNDS:					
041-1131-00001:SOURCE-CHANGE IN RESTR.FUNDS			1,070,000		(1,070,000)
Total USE OF RESERVE FUNDS			**1,070,000**		**(1,070,000)**
TOTAL NON-REVENUE FUNDS RECEIVED	**(550,136.49)**	**(540,150)**	**29,070,000**		**(29,070,000)**
DEBT SERVICE PAYMENTS:					
041-1213-00002:GENERAL LOANS PAID	229,677.15	235,419	241,308	251,460	10,152
041-1211-12002:BONDS PAID-2007 RRWDS	260,000.00	275,000	299,996	315,000	15,004
041-1211-14002:BONDS PAID-2010 RRWDS	445,000.00	460,000	469,992	490,000	20,008
041-1211-15102:BONDS PAID-2011 OFFICE REFUND	470,000.00	490,000	506,246	522,083	15,837
041-1211-15202:BONDS PAID-2013 IH 35 REFUND	545,000.00	560,000	566,663	585,000	18,337
041-1211-15302:BONDS PAID-2013 WCANYON REFUN	2,115,000.00	2,180,000	2,276,666	2,337,500	60,834
041-1211-16002:BONDS PAID-2012 MID BASIN PROJ	225,000.00	220,000	220,413	220,417	4
041-1211-18002:BONDS PAID- 2016 SMWTP REFUND				90,417	90,417
041-1212-20102:LOAN PAID: WTR RIGHTS, USSERY			11,626	12,149	523
041-1212-20202:LOAN PAID: WTR RIGHT, LULING			19,790	20,681	891
041-1212-30002:LOAN PAID: BLDG EXPANSION	159,999.96	106,667			
041-1212-50302:LOAN PAID: PRESS/TRUCK, WFargo			32,196	35,578	3,382
Total DEBT SERVICE PAYMENTS	**4,449,677.11**	**4,527,086**	**4,644,896**	**4,880,285**	**235,389**
RESERVE FUND REPAYMENTS:					
041-1131-00002:USE-CHANGE IN RESTR.FUNDS			1,070,211	1,011,579	(58,632)
Total RESERVE FUND REPAYMENTS			**1,070,211**	**1,011,579**	**(58,632)**
TOTAL NON-OPERATING FUNDS APPLIED	**4,449,677.11**	**4,527,086**	**5,715,107**	**5,891,864**	**176,757**
NET CHANGE IN FUND BALANCE	**3,558,930.15**	**2,254,969**	**21,637**	**11,054**	**(10,584)**

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PROJECT DEVELOPMENT					
041-1187-00105:CAL CO.DELTA MOD-TRAVEL	14.04				
041-1187-00198:CAL CO.DELTA MOD-W/O	(14.04)				
041-1187-01101:ENVIRONMENTAL LCUB-STAFF	10,082.00	4,487	21,740		(21,740)
041-1187-01104:ENVIRONMENTAL LCUB-BENEFI	4,553.46	1,989	9,306		(9,306)
041-1187-01105:ENVIRONMENTAL LCUB-TRAVEL	956.25	268	1,000		(1,000)
041-1187-01108:ENVIRONMENTAL LCUB-A&G	3,710.23	1,621	7,583		(7,583)
041-1187-01111:ENVIRONMENTAL LCUB-NON GE	1,161.11	424	1,238		(1,238)
041-1187-01113:ENVIRONMENTAL LCUB-PRO FE	4,951.86	9,600	12,500		(12,500)
041-1187-01130:ENVIRONMENTAL LCUB-SERVIC	411.00				
041-1187-01180:ENVIRONMENTAL LCUB-MAT'L	1,384.56	1,227			
041-1187-01198:ENVIRONMENTAL LCUB-W/O	(27,935.57)	(21,607)			
041-1187-01199:ENVIRONMENTAL LCUB-OTHER	725.10	1,991			
Total			**53,368**		**(53,368)**
041-1187-01201:319 RIVER NETWORK-STAFF			577		(577)
041-1187-01204:319 RIVER NETWORK-BENEFITS			234		(234)
041-1187-01208:319 RIVER NETWORK-A&G			190		(190)
Total			**1,001**		**(1,001)**
041-1187-01902:SB3- ENVIRONMNTL FLOWS-ENG	8,210.22	10,985	10,000		(10,000)
041-1187-01905:SB3- ENVIRONMNTL FLOWS-TRAVEL	15.48	15			
041-1187-01998:SB3- ENVIRONMNTL FLOWS-W/O	(9,105.70)	(11,000)			
041-1187-01999:SB3- ENVIRONMNTL FLOWS-OTHER	880.00				
Total			**10,000**		**(10,000)**
041-1187-02002:SB2 IN-STREAM FLOW-ENG	5,933.39		40,000	40,000	
041-1187-02004:SB2 IN-STREAM FLOW-BENEFITS	723.47	1,174	1,202		(1,202)
041-1187-02005:SB2 IN-STREAM FLOW-TRAVEL	557.22	456			
041-1187-02008:SB2 IN-STREAM FLOW-A&G	589.49	957	979		(979)
041-1187-02011:SB2 IN-STREAM FLOW-NON-GENERA	1,786.33	2,899	2,967		(2,967)
041-1187-02098:SB2 IN-STREAM FLOW-WRITEOFF	(22,024.61)	(5,485)			
041-1187-02099:SB2 IN-STREAM FLOW-OTHER	12,434.71				

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Total			**45,148**	**40,000**	**(5,148)**
041-1187-02101:LOWER BASIN LITIGATION-STAFF	86.66		13,173		(13,173)
041-1187-02102:LOWER BASIN LITIGATION-ENG		1,574			
041-1187-02103:LOWER BASIN LITIGATION-LEGA	219,588.47				
041-1187-02104:LOWER BASIN LITIGATION-BENEFI	35.10		5,335		(5,335)
041-1187-02105:LOWER BASIN LITIGATION-TRAVEL	27.60				
041-1187-02108:LOWER BASIN LITIGATION-A&G	28.60		4,347		(4,347)
041-1187-02198:LOWER BASIN LITIGATION-W/O	(220,901.43)	(1,574)			
041-1187-02199:LOWER BASIN LITIGATION-OTHER	1,135.00				
Total			**22,855**		**(22,855)**
041-1187-02505:LOWER BASIN HERITAGE-TRAVEL	174.24	16			
041-1187-02530:LOWER BASIN HERITAGE-SERVICE	64,963.15	(2,213)			
041-1187-02598:LOWER BASIN HERITAGE-W/O	(65,137.39)	2,198			
041-1187-02601:PC WATERSHED COORDINATOR-ST	8.21				
041-1187-02602:PC WATERSHED COORDINATOR-EN			85,300		(85,300)
041-1187-02604:PC WATERSHED COORDINATOR-BE	2,713.13	1,638	1,923		(1,923)
041-1187-02605:PC WATERSHED COORDINATE-TRA	5,189.17	4,819	15,000		(15,000)
041-1187-02608:PC WATERSHED COORDINATOR-A&	2,210.70	1,335	1,567		(1,567)
041-1187-02611:PC WATERSHED COORDINAT-NON G	6,690.89	4,044	4,747		(4,747)
041-1187-02613:PC W.SHED COORDINATOR-PROF S	76,210.20	78,660			
041-1187-02698:PC WATERSHED COORDINATOR-W/	(105,026.87)	(98,709)			
041-1187-02699:PC WATERSHED COORDINATOR-OT	12,004.57	8,214	16,747	181,629	164,882
Total			**125,283**	**181,629**	**56,346**
041-1187-02702:PC GC ISOTOPE STUDY-ENG	14,066.67		54,000		(54,000)
041-1187-02704:PC GC ISOTOPE STUDY-BENEFITS	1,061.73	2,026	1,923		(1,923)
041-1187-02705:PC GC ISOTOPE STUDY-TRAVEL	200.11	259			
041-1187-02708:PC GC ISOTOPE STUDY-A&G	865.11	1,651	1,567		(1,567)
041-1187-02711:PC GC ISOTOPE STUDY-NON GEN	2,621.55	5,003	4,747		(4,747)
041-1187-02798:PC GC ISOTOPE STUDY-W/O	(18,846.25)	(88,347)			
041-1187-02799:PC GC ISOTOPE STUDY-OTHER	31.08	79,407		2,000	2,000

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Total			**62,236**	**2,000**	**(60,236)**
041-1187-03101:REAL HOG FARM PROJ-STAFF	16.42				
041-1187-03104:REAL HOG FARM PROJ-BENEFITS	998.30	10			
041-1187-03105:REAL HOG FARM PROJ-TRAVEL	369.36				
041-1187-03108:REAL HOG FARM PROJ-A&G	813.42	8			
041-1187-03111:REAL HOG FARM PROJ-NON GEN EM	2,448.45	26			
041-1187-03198:REAL HOG FARM PROJ-WRITEOFF	(4,829.70)	(44)			
041-1187-03199:REAL HOG FARM PROJ-OTHER	183.75				
041-1187-03501:OUTDOOR LEARNING CNTR-STAFF	7,327.55	11,406	3,616		(3,616)
041-1187-03504:OUTDOOR LEARNING CNTR-BENEFI	4,348.66	9,917	1,465		(1,465)
041-1187-03505:OUTDOOR LEARNING CNTR-TRAVEL	922.85	169			
041-1187-03508:OUTDOOR LEARNING CNTR-A&G	3,543.37	8,081	1,193		(1,193)
041-1187-03511:OUTDOOR LEARNING CNTR-NON-GE	3,409.93	13,081			
041-1187-03598:OUTDOOR LEARNING CENTER-W/O	(32,899.67)	(82,371)			
041-1187-03599:OUTDOOR LEARNING CENTER-OTH	13,347.31	39,717		42,000	42,000
Total			**6,274**	**42,000**	**35,726**
041-1187-03601:NB DRY COMAL WPP-STAFF		88			
041-1187-03604:NB DRY COMAL WPP-BENEFITS		2,069			
041-1187-03605:NB DRY COMAL WPP-TRAVEL		54			
041-1187-03608:NB DRY COMAL WPP-A&G		1,686			
041-1187-03611:NB DRY COMAL WPP-NON GENERAL		5,021			
041-1187-03698:NB DRY COMAL WPP-W/O		(8,918)			
041-1187-04101:CRP PROJECT ADMIN-STAFF	2,805.34	893			
041-1187-04104:CRP PROJECT ADMIN-BENEFITS	5,092.87	1,151	120		(120)
041-1187-04105:CRP PROJECT ADMIN-TRAVEL	162.04	335			
041-1187-04108:CRP PROJECT ADMIN-A&G	4,149.74	938	98		(98)
041-1187-04111:CRP PROJECT ADMIN-NON GEN EMP	9,769.61	1,948	297		(297)
041-1187-04198:CRP PROJECT ADMIN-W/O	(22,171.50)	(5,393)			
041-1187-04199:CRP PROJECT ADMIN-OTHER	191.90	129			

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	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total			**515**		**(515)**
041-1187-04201:CRP QUALITY ASSURANCE-STAFF	220.74		1,456		(1,456)
041-1187-04204:CRP QUALITY ASSURANCE-BENEFIT	1,529.56	1,824	5,463		(5,463)
041-1187-04205:CRP QUALITY ASSURANCE-TRAVEL	189.18				
041-1187-04208:CRP QUALITY ASSURANCE-A&G	1,246.31	1,486	4,451		(4,451)
041-1187-04211:CRP QUALITY ASSURANCE-NON GE	3,555.94	4,504	12,033		(12,033)
041-1187-04298:CRP QUALITY ASSURANCE-W/O	(6,741.73)	(7,815)			
Total			**23,403**		**(23,403)**
041-1187-04301:CRP MONITORING-STAFF	192.15				
041-1187-04302:CRP MONITORING-ENG	13,944.12	11,033			
041-1187-04304:CRP MONITORING-BENEFITS	8,242.56	6,939	10,375		(10,375)
041-1187-04305:CRP MONITORING-TRAVEL	2,730.15	3,227	2,500		(2,500)
041-1187-04308:CRP MONITORING-A&G	6,716.16	5,654	8,454		(8,454)
041-1187-04311:CRP MONITORING-NON GEN EMPL	20,159.84	17,133	25,617		(25,617)
041-1187-04398:CRP MONITORING-W/O	(141,274.54)	(158,178)			
041-1187-04399:CRP MONITORING-OTHER	89,289.56	114,192	93,913	135,378	41,465
Total			**140,859**	**135,378**	**(5,481)**
041-1187-04404:CRP INFO CLEARINGHOUSE-BENEFI	758.28	685	60		(60)
041-1187-04408:CRP INFO CLEARINGHOUSE-A&G	617.87	558	49		(49)
041-1187-04411:CRP INFO CLEARINGHOUSE-NON GE	1,872.30	1,690	148		(148)
041-1187-04498:CRP INFO CLEARINGHOUSE-W/O	(6,331.25)	(3,533)			
041-1187-04499:CRP INFO CLEARINGHOUSE-OTHER	3,082.80	600			
Total			**257**		**(257)**
041-1187-04504:CRP ISSUES & CAUSES-BENEFITS	790.76	319	120		(120)
041-1187-04508:CRP ISSUES & CAUSES-A&G	644.32	260	98		(98)
041-1187-04511:CRP ISSUES & CAUSES-NON GEN E	1,952.49	788	297		(297)
041-1187-04598:CRP ISSUES & CAUSES-W/O	(3,387.57)	(1,368)			
Total			**515**		**(515)**
041-1187-04601:CRP PUBLIC PARTICIPATION-STAFF		439	6,363		(6,363)
041-1187-04604:CRP PUBLIC PARTICIPATION-BENEF	234.61	493	2,677		(2,677)

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041-1187-04608:CRP PUBLIC PARTICIPATION-A&G	191.16	402	2,181		(2,181)
041-1187-04611:CRP PUBLIC PARTICIPATION-NON G	579.26	779	247		(247)
041-1187-04698:CRP PUBLIC PARTICIPATION-W/O	(1,005.03)	(3,708)			
041-1187-04699:CRP PUBLIC PARTICIPATION-OTHER		1,595			
Total			**11,469**		**(11,469)**
041-1187-04704:CRP-LIMS-BENEFITS			2,831		(2,831)
041-1187-04708:CRP-LIMS-A&G			2,307		(2,307)
041-1187-04711:CRP-LIMS-NON-GENERAL EMPLOYE			6,991		(6,991)
Total			**12,129**		**(12,129)**
041-1187-10901:MID BASIN WATER RIGHTS-STAFF	2,556.47	498			
041-1187-10903:MID BASIN WATER RIGHTS-LEGAL	1,743.24	1,380,526			
041-1187-10904:MID BASIN WATER RIGHTS-BENEFIT	1,035.37	202			
041-1187-10905:MID BASIN WATER RIGHTS-TRAVEL		6			
041-1187-10908:MID BASIN WATER RIGHTS-A&G	843.63	164			
041-1187-10913:MID BASIN WATER RIGHTS-PRO FEE	5,358.42	151,815			
041-1187-10998:MID BASIN WATER RIGHTS-W/O	(11,537.13)	(10,511)			
Total		**1,522,701**			
041-1187-20502:TCOON WTR QUAL STATION-ENG	40,979.50	20,610		66,000	66,000
041-1187-20598:TCOON WTR QUAL STATION-W/O	(40,979.50)	(20,610)			
Total				**66,000**	**66,000**
041-1187-20901:BULVERDE AREA WW-STAFF	22,224.84	18,401			
041-1187-20904:BULVERDE AREA WW-BENEFITS	9,530.57	7,485			
041-1187-20905:BULVERDE AREA WW-TRAVEL	1,816.42	2,114			
041-1187-20908:BULVERDE AREA WW-A&G	7,765.68	6,099			
041-1187-20911:BULVERDE AREA WW-NON GEN EM	1,307.46	81			
041-1187-20930:BULVERDE AREA WW-SERVICE	3,821.60	7,169			
041-1187-20980:BULVERDE AREA WW-MAT'L	2,397.72				
041-1187-20998:BULVERDE AREA WW-W/O	(48,888.32)	(41,391)			
041-1187-20999:BULVERDE AREA WW- OTHER	24.03	41			

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041-1187-21101:U/S SWB GUAD RIVER STUDY-STAFF		662			
041-1187-21104:U/S SWB GUAD RIVER STUDY-BENE	191.30	268			
041-1187-21108:U/S SWB GUAD RIVER STUDY-A&G	155.87	218			
041-1187-21111:U/S SWB GUAD RIVER STUDY-NON-	472.34				
041-1187-21198:U/S SWB GUAD RIVER STUDY-W/O	(819.51)	(2,342)			
041-1187-21199:U/S SWB GUAD RIVER STUDY-OTHE		1,193			
041-1187-21201:FLOOD MGMT MODEL-STAFF		1,133			
041-1187-21202:FLOOD MGMT MODEL-ENG	105,759.62	904,352	523,300	458,750	(64,550)
041-1187-21204:FLOOD MGMT MODEL-BENEFITS	4,333.56	5,750			
041-1187-21205:FLOOD MGMT MODEL-TRAVEL	7,751.29	2,354			
041-1187-21208:FLOOD MGMT MODEL-A&G	3,531.03	4,685			
041-1187-21211:FLOOD MGMT MODEL-NON GEN EMP	10,700.12	13,064			
041-1187-21298:FLOOD MGMT MODEL-W/O	(133,939.03)	(931,756)			
041-1187-21299:FLOOD MGMT MODEL-OTHER	1,863.41	417			
Total			**523,300**	**458,750**	**(64,550)**
041-1187-21330:LAKE MGMT ENHANCEMENT-SERVIC			10,000		(10,000)
Total			**10,000**		**(10,000)**
041-1187-21604:LB LK MGMT&AQUATIC CNTL-BENEFI			562		(562)
041-1187-21605:LB LK MGMT&AQUATIC CNTL-TRAVE			5,000		(5,000)
041-1187-21608:LB LK MGMT&AQUATIC CNTL-A&G			458		(458)
041-1187-21611:LB LK MGMT&AQUATIC CNTL-NON-G			1,387		(1,387)
041-1187-21680:LB LK MGMT&AQUATIC CNTL-MTL'S			10,000		(10,000)
Total			**17,406**		**(17,406)**
041-1187-21802:GW/SW INTERFACE STUDY-ENG	50,000.00	44,057	40,000		(40,000)
041-1187-21898:GW/SW INTERFACE STUDY-W/O	(50,000.00)	(44,057)			

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Total			**40,000**		**(40,000)**
041-1187-22004:LOCKHART DISCHARGE MONT-BENE	1,112.42	1,797			
041-1187-22005:LOCKHART DISCHARGE MONT-TRAV	78.78	18			
041-1187-22008:LOCKHART DISCHARGE MONT-A&G	906.41	1,464			
041-1187-22011:LOCKHART DISCHARGE MONT-NON-	2,746.68	4,436			
041-1187-22098:LOCKHART DISCHARGE MONT-W/O	(4,844.29)	(8,317)			
041-1187-22099:LOCKHART DISCHARGE MONT-OTHE		602			
041-1187-22101:FEMA CTP PROGRAM-STAFF	143.45				
041-1187-22102:FEMA CTP PROGRAM-ENG			120,000		(120,000)
041-1187-22104:FEMA CTP PROGRAM-BENEFITS	831.37	33			
041-1187-22105:FEMA CTP PROGRAM-TRAVEL	58.85				
041-1187-22108:FEMA CTP PROGRAM-A&G	677.41	27			
041-1187-22111:FEMA CTP PROGRAM-NON GENERA	1,909.31	81			
041-1187-22198:FEMA CTP PROGRAM-W/O	(4,232.15)	(36,302)			
041-1187-22199:FEMA CTP PROGRAM-OTHER	611.76	36,161			
Total			**120,000**		**(120,000)**
041-1187-22201:2015 FLOOD RECOVERY-STAFF	4,786.30	10,170			
041-1187-22204:2015 FLOOD RECOVERY-BENEFITS	5,949.31	7,605			
041-1187-22205:2015 FLOOD RECOVERY-TRAVEL	2.88	159			
041-1187-22208:2015 FLOOD RECOVERY-A&G	4,847.59	6,196			
041-1187-22211:2015 FLOOD RECOVERY-NON GEN	9,903.36	8,607			
041-1187-22298:2015 FLOOD RECOVERY-W/O	(25,751.09)	(35,956)			
041-1187-22299:2015 FLOOD RECOVERY-OTHER	261.65	3,218			
041-1187-22301:NRCS 2015 FLOOD UPPER-STAFF		44			
041-1187-22302:NRCS 2015 FLOOD UPPER-ENG		779			
041-1187-22304:NRCS 2015 FLOOD UPPER-BENEFIT		1,555			
041-1187-22308:NRCS 2015 FLOOD UPPER-A&G		1,267			
041-1187-22311:NRCS 2015 FLOOD UPPER-NON GEN		3,794			
041-1187-22330:NRCS 2015 FLOOD UPPER-SERVICE			1,987,709		(1,987,709)
041-1187-22398:NRCS 2015 FLOOD UPPER-W/O		(7,614)			
041-1187-22399:NRCS 2015 FLOOD UPPER-OTHER		175			

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Total			**1,987,709**		**(1,987,709)**
041-1187-22401:NRCS 2015 FLOOD LOWER-STAFF		504			
041-1187-22402:NRCS 2015 FLOOD LOWER-ENG		5,730			
041-1187-22404:NRCS 2015 FLOOD LOWER-BENEFIT		7,146			
041-1187-22405:NRCS 2015 FLOOD LOWER-TRAVEL		547			
041-1187-22408:NRCS 2015 FLOOD LOWER-A&G		5,823			
041-1187-22411:NRCS 2015 FLOOD LOWER-NON GE		17,141			
041-1187-22430:NRCS 2015 FLOOD LOWER-SERVICE			528,250	100,000	(428,250)
041-1187-22498:NRCS 2015 FLOOD LOWER-W/O		(41,743)			
041-1187-22499:NRCS 2015 FLOOD LOWER-OTHER		4,851			
Total			**528,250**	**100,000**	**(428,250)**
041-1187-22630:UTILITY SURVEY,MAPNG,MODELING			5,000		(5,000)
Total			**5,000**		**(5,000)**
041-1187-22730:FLOW MONITORING			5,000		(5,000)
Total			**5,000**		**(5,000)**
041-1187-22802:HIGH WATER MARK SURVEYS-ENG			5,000		(5,000)
Total			**5,000**		**(5,000)**
041-1187-22930:RAINFALL GAUGE-HAYS CO-SERVIC				74,812	74,812
Total				**74,812**	**74,812**
041-1187-23030:RAINFALL GAUGE-CALDWELL-SERVI				141,376	141,376
Total				**141,376**	**141,376**
041-1187-29901:MISC PROJ DEV-STAFF	524.44				
041-1187-29904:MISC PROJ DEV-BENEFITS	240.20				
041-1187-29908:MISC PROJ DEV-A&G	195.72				

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041-1187-29911:MISC PROJ DEV-NON GEN EMPL	68.63				
041-1187-29998:MISC PROJ DEV-W/O	(1,062.99)	(169)			
041-1187-29999:MISC PROJ DEV-OTHER	34.00	169			
041-1187-30702:GUAD/HAYS/CALD WW CCNS-ENG		61,700			
041-1187-30704:GUAD/HAYS/CALD WW CCNS-BENEF			1,877		(1,877)
041-1187-30708:GUAD/HAYS/CALD WW CCNS-A&G			1,530		(1,530)
041-1187-30711:GUAD/HAYS/CALD WW CCNS-NON-G			4,635		(4,635)
041-1187-30798:GUAD/HAYS/CALD WW CCNS-W/O		(61,700)			
Total			**8,042**		**(8,042)**
041-1187-31813:HAZARD MITIGATION-PROF FEES				70,000	70,000
Total				**70,000**	**70,000**
041-1187-40702:LULING WTR SUPP STUDY-ENG	1,065.08				
Total	**1,065.08**				
041-1187-40901:IWPP DESAL/POWER-STAFF	27,856.30	21,315	58,524		(58,524)
041-1187-40902:IWPP DESAL/POWER-ENG	12,198.93		950,000		(950,000)
041-1187-40903:IWPP DESAL/POWER-LEGAL			25,000		(25,000)
041-1187-40904:IWPP DESAL/POWER-BENEFIT	13,300.09	9,083	29,765		(29,765)
041-1187-40905:IWPP DESAL/POWER-TRAVEL	1,691.79	687	15,000		(15,000)
041-1187-40908:IWPP DESAL/POWER-A&G	10,837.11	7,401	24,253		(24,253)
041-1187-40911:IWPP DESAL/POWER-NON-GEN	4,983.40	1,112	14,970		(14,970)
041-1187-40913:IWPP DESAL/POWER-PRO FEE	684,854.94	578,462	75,000		(75,000)
041-1187-40998:IWPP DESAL/POWER-W/O	(755,969.56)	(619,081)			
041-1187-40999:IWPP DESAL/POWER-OTHER	247.00	1,020	5,000		(5,000)
Total			**1,197,513**		**(1,197,513)**
041-1187-41201:MID-BASIN HDR-STAFF	93.60	492			
041-1187-41202:MID-BASIN HDR-ENG	45,375.40	66,032			
041-1187-41204:MID-BASIN HDR-BENEFIT	37.91	237			
041-1187-41208:MID-BASIN HDR-A&G	30.89	193			
041-1187-41211:MID-BASIN HDR-NON-GEN		93			

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041 - WATER SALES

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total	**45,537.80**	**67,047**			
041-1187-41304:MID-BASIN GRANT STDY-BENEFITS	4,940.10	11,421	10,913		(10,913)
041-1187-41308:MID-BASIN GRANT STDY-A&G	4,025.25	9,306	8,892		(8,892)
041-1187-41311:MID-BASIN GRANT STDY-NON-GEN	12,197.78	28,201	26,947		(26,947)
041-1187-41398:MID-BASIN GRANT STDY-W/O	(21,163.13)	(48,928)			
Total			**46,752**		**(46,752)**
041-1187-41402:DIVERSION SYS IMPROVEMENTS-EN	25,162.75		50,000		(50,000)
041-1187-41498:DIVERSION SYS IMPROVEMENTS-W/	(25,162.75)				
Total			**50,000**		**(50,000)**
041-1187-45002:RIVER GAGES-ENG	2,500.00		15,000		(15,000)
041-1187-45004:RIVER GAGES-BENEFITS	251.74				
041-1187-45008:RIVER GAGES-A&G	205.13				
041-1187-45011:RIVER GAGES-NON GEN EM	621.58				
041-1187-45098:RIVER GAGES-W/O	(3,578.45)				
Total			**15,000**		**(15,000)**
041-1187-50502:EAA HABITAT CONSRV PLAN-ENG	228.90				
041-1187-50505:EAA HABITAT CONSRV PLAN-TRAVE		570			
041-1187-50598:EAA HABITAT CONSRV PLAN-W/O	(403,606.18)	(400,656)			
041-1187-50599:EAA HABITAT CONSRV PLAN-OTHER	403,377.28	400,085			
041-1187-60301:LOWER BASIN PERMIT AMEND-STAF			18,408		(18,408)
041-1187-60302:LOWER BASIN PERMIT AMEND-ENG	29,749.05	49,037			
041-1187-60304:LOWER BASIN PERMIT AMEND-BEN			7,455		(7,455)
041-1187-60305:LOWER BASIN PERMIT AMEND-TRAV	335.86				
041-1187-60308:LOWER BASIN PERMIT AMEND-A&G			6,075		(6,075)
041-1187-60398:LOWER BASIN PERMIT AMEND-W/O	(30,104.91)	(49,037)			
041-1187-60399:LOWER BASIN PERMIT AMEND-OTHE	20.00				

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041 - WATER SALES

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total			**31,938**		**(31,938)**
041-1187-60401:LB STORAGE PROJ ADM-STAFF	157.62	392	5,009		(5,009)
041-1187-60402:LB STORAGE PROJ ADM-ENG	48,739.85	17,292	980,000		(980,000)
041-1187-60403:LB STORAGE PROJ ADM-LEGAL			25,000		(25,000)
041-1187-60404:LB STORAGE PROJ ADM-BENEFITS	5,733.26	4,538	25,357		(25,357)
041-1187-60405:LB STORAGE PROJ ADM-TRAVEL		376	15,000		(15,000)
041-1187-60408:LB STORAGE PROJ ADM-A&G	4,671.55	3,698	20,661		(20,661)
041-1187-60411:LB STORAGE PROJ ADM-NON GEN E	13,998.60	10,814	57,601		(57,601)
041-1187-60498:LB STORAGE PROJ ADM-W/O	(74,492.68)	(37,731)			
041-1187-60499:LB STORAGE PROJ ADM-OTHER	1,191.80	621			
Total			**1,128,628**		**(1,128,628)**
041-1187-60505:JOHNSON RCH WWTP RGLZ-TRAVEL			500		(500)
041-1187-60530:JOHNSON RANCH-SERVICES			500		(500)
Total			**1,000**		**(1,000)**
041-1187-60601:CANYON GORGE PROJECT-STAFF	9,020.27	8,212	27,379		(27,379)
041-1187-60604:CANYON GORGE PROJECT-BENEFIT	4,054.21	3,386	11,088		(11,088)
041-1187-60605:CANYON GORGE PROJECT-TRAVEL	194.26				
041-1187-60608:CANYON GORGE PROJECT-A&G	3,303.42	2,759	9,035		(9,035)
041-1187-60611:CANYON GORGE PROJECT-NON-GE	990.10	149			
041-1187-60630:CANYON GORGE PROJECT-SERVICE	205.50	209			
041-1187-60698:CANYON GORGE PROJECT-W/O	(17,986.96)	(14,714)			
041-1187-60699:CANYON GORGE PROJECT-OTHER	219.20				
Total			**47,502**		**(47,502)**
041-1187-60704:WATER SUPPLY ALTERNATIVE-BENE			3,032		(3,032)
041-1187-60708:WATER SUPPLY ALTERNATIVE-A&G			2,470		(2,470)
041-1187-60711:WATER SUPPLY ALTERNATIVE-NON-			7,485		(7,485)
Total			**12,987**		**(12,987)**
041-1187-70401:UB LK MGMT&AQUATIC CNTL-STAFF	307.45	278			
041-1187-70404:UB LK MGMT&AQUATIC CNTL-BENEF	2,059.01	1,590	10,591		(10,591)
041-1187-70408:UB LK MGMT&AQUATIC CNTL-A&G	1,677.72	1,296	8,629		(8,629)

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041-1187-70411:UB LK MGMT&AQUATIC CNTL-NONG	4,776.54	3,649	26,150		(26,150)
041-1187-70413:UB LK MGMT&AQUATIC CNTL-PRO F		82			
041-1187-70430:UB LK MGMT&AQUATIC CNTL-SERVI			5,000		(5,000)
041-1187-70480:UB LK MGMT&AQUATIC CNTL-MAT'L	38.31	2,974	12,500		(12,500)
041-1187-70498:UB LK MGMT&AQUATIC CNTL-W/O	(66,225.60)	(32,915)			
041-1187-70499:UB LK MGMT&AQUATIC CNTL-OTHE	57,366.57	23,045			
Total			**62,869**		**(62,869)**
041-1187-71502:SH46 UTILITY RELOC (Reim)-ENG			50,000		(50,000)
041-1187-71503:SH46 UTILITY RELOC (Reim)-LEGA			5,000		(5,000)
041-1187-71505:SH46 UTILITY RELOC (Reim)-TRAV			5,000		(5,000)
041-1187-71513:SH46 UTILITY RELOC (Reim)-PROF			5,000		(5,000)
041-1187-71599:SH46 UTILITY RELOC (Reim)-MISC			5,000		(5,000)
Total			**70,000**		**(70,000)**
041-1187-71602:SH46 UTIL RELOC (NonReim)-ENG			10,000		(10,000)
041-1187-71603:SH46 UTIL RELOC (NonReim)-LEGA			500		(500)
041-1187-71605:SH46 UTIL RELOC (NonReim)-TRAV			500		(500)
041-1187-71613:SH46 UTIL RELOC (NonReim)-PROF			500		(500)
041-1187-71699:SH46 UTIL RELOC (NonReim)-MISC			500		(500)
Total			**12,000**		**(12,000)**
041-1187-71901:PLUM CREEK OUTREACH-STAFF			1,157		(1,157)
041-1187-71904:PLUM CREEK OUTREACH-BENEFITS			469		(469)
041-1187-71908:PLUM CREEK OUTREACH-A&G			382		(382)
Total			**2,008**		**(2,008)**
041-1187-72001:PLUM CREEK MONITORING-STAFF	5,739.83	472	1,112		(1,112)
041-1187-72004:PLUM CREEK MONITORING-BENEFIT	12,524.44	9,588	12,922		(12,922)
041-1187-72005:PLUM CREEK MONITORING-TRAVEL	3,560.17	3,399			
041-1187-72008:PLUM CREEK MONITORING-A&G	10,205.10	7,813	10,529		(10,529)
041-1187-72011:PLUM CREEK MONITORING-NON GE	25,184.76	23,203	30,795		(30,795)
041-1187-72098:PLUM CREEK MONITORING-W.O.	(179,435.83)	(169,772)			
041-1187-72099:PLUM CREEK MONITORING-OTHER	122,221.53	125,298	140,945	140,944	(1)

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041 - WATER SALES

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Total			**196,303**	**140,944**	**(55,359)**
041-1187-72105:PLUM CREEK PROJ ADM-TRAVEL	169.25	38			
041-1187-72198:PLUM CREEK PROJ ADM-W.O.	(169.25)	(38)			
041-1187-72204:PLUM CREEK BACTERIAL ST-BENEFI		395			
041-1187-72208:PLUM CREEK BACTERIAL ST-A&G		321			
041-1187-72211:PLUM CREEK BACTERIAL ST-NONGE		974			
041-1187-72298:PLUM CREEK BACTERIAL ST-W.O		(1,690)			
041-1187-73001:FM 110 P/L RELOC-SOUTH-STAFF	2,012.90	909	65,762		(65,762)
041-1187-73002:FM 110 P/L RELOC-SOUTH-ENG			180,000		(180,000)
041-1187-73003:FM 110 P/L RELOC-SOUTH-LEGAL			5,000		(5,000)
041-1187-73004:FM 110 P/L RELOC-SOUTH-BENEFIT	815.22	368	26,634		(26,634)
041-1187-73005:FM 110 P/L RELOC-SOUTH-TRAVEL	35.65	115	15,000		(15,000)
041-1187-73008:FM 110 P/L RELOC-SOUTH-A&G	664.25	300	21,702		(21,702)
041-1187-73013:FM 110 P/L RELOC-SOUTH-PROF FE			10,000		(10,000)
041-1187-73098:FM 110 P/L RELOC-SOUTH-W/O	(3,528.02)	(1,693)			
041-1187-73099:FM 110 P/L RELOC-SOUTH-OTHER			900,000		(900,000)
Total			**1,224,098**		**(1,224,098)**
041-1187-73101:FM 110 P/L RELOC-NORTH-STAFF	432.82		2,768		(2,768)
041-1187-73102:FM 110 P/L RELOC NORTH-ENG			30,000		(30,000)
041-1187-73103:FM 110 P/L RELOC NORTH-LEGAL			5,000		(5,000)
041-1187-73104:FM 110 P/L RELOC NORT-BENEFITS	175.30		1,121		(1,121)
041-1187-73105:FM 110 P/L RELOC NORTH-TRAVEL			5,000		(5,000)
041-1187-73108:FM 110 P/L RELOC NORTH-A&G	142.83		913		(913)
041-1187-73113:FM 110 P/L RELOC NORTH PRO FEE			2,500		(2,500)
041-1187-73198:FM 110 P/L RELOC NORTH W/O	(750.95)	(995)			
041-1187-73199:FM 110 P/L RELOC NORTH-OTHER		995	100,000		(100,000)
Total			**147,303**		**(147,303)**
041-1187-74102:FM-183 UTLY RELOCATE-ENG			50,000		(50,000)
041-1187-74103:FM-183 UTLY RELOCATE-LEGAL			5,000		(5,000)
041-1187-74105:FM-183 UTLY RELOCATE-TRAVEL			5,000		(5,000)

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041-1187-74113:FM-183 UTLY RELOCATE-PRO FEES			5,000		(5,000)
041-1187-74199:FM-183 UTLY RELOCATE-MISC			5,000		(5,000)
Total			**70,000**		**(70,000)**
041-1187-75102:FM-725 UTLY RELOCATE-ENG		11,900	50,000		(50,000)
041-1187-75103:FM-725 UTLY RELOCATE-LEGAL			5,000		(5,000)
041-1187-75105:FM-725 UTLY RELOCATE-TRAVEL			5,000		(5,000)
041-1187-75113:FM-725 UTLY RELOCATE-PROF FEES			5,000		(5,000)
041-1187-75198:FM-725 UTLY RELOCATE-W/O		(11,900)			
041-1187-75199:FM-725 UTLY RELOCATE-MISC			5,000		(5,000)
Total			**70,000**		**(70,000)**
041-1187-81004:WATER CO ACQUISITIONS-BENEFIT			5,661		(5,661)
041-1187-81005:WATER CO ACQUISITIONS-TRAVEL			500		(500)
041-1187-81008:WATER CO ACQUISITIONS-A&G			4,613		(4,613)
041-1187-81011:WATER CO ACQUISITIONS-NON GEN			13,978		(13,978)
Total			**24,752**		**(24,752)**
041-1187-81304:INDUSTRIAL DEV PROJECT-BENEFIT			8,708		(8,708)
041-1187-81305:INDUSTRIAL DEV PROJECT-TRAVEL			200		(200)
041-1187-81308:INDUSTRIAL DEV PROJECT-A&G			7,095		(7,095)
041-1187-81311:INDUSTRIAL DEV PROJECT-NON-GE			21,500		(21,500)
Total			**37,503**		**(37,503)**
041-1187-81604:CONTINUOUS MONITORING-BENEFI	22.68				
041-1187-81608:CONTINUOUS MONITORING-A&G	18.48				
041-1187-81611:CONTINUOUS MNTG-NON-GEN EMP	56.00				
041-1187-81698:CONTINUOUS MONITORING-W/O	(97.16)				
041-1187-81902:ENG BUERGER LANE BRIDGE-ENG	19,225.00	8,200			
041-1187-81998:ENG BUERGER LANE BRIDGE-W/O	(34,785.90)	(8,200)			

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041 - WATER SALES

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total	**(15,560.90)**				
041-1187-82301:MID-BASIN PROJECT-STA	6,930.33	4,327	3,514		(3,514)
041-1187-82302:MID-BASIN PROJECT-ENG	228,891.30	246,155			
041-1187-82303:MID-BASIN PROJECT-LEGAL	28,430.00	361,112	25,000		(25,000)
041-1187-82304:MID-BASIN PROJECT-BENEFITS	13,064.74	1,818	19,311		(19,311)
041-1187-82305:MID-BASIN PROJECT-TRAVEL	169.22	59	15,000		(15,000)
041-1187-82308:MID-BASIN PROJECT-A&G	10,645.36	1,481	15,735		(15,735)
041-1187-82311:MID-BASIN PROJECT-NON-GEN EMP	25,328.30	162	44,169		(44,169)
041-1187-82313:MID-BASIN PROJECT-PROF FEE			75,000		(75,000)
041-1187-82399:MID-BASIN PROJECT-OTHER	347.15	365	5,000		(5,000)
Total	**313,806.40**	**615,479**	**202,729**		**(202,729)**
041-1187-90801:S.B.1 PHASE 5-STAFF		2,262			
041-1187-90802:S.B.1 PHASE 5-ENG	7,186.42	1,488	10,000		(10,000)
041-1187-90804:S.B.1 PHASE 5-BENEFITS	411.54	916			
041-1187-90805:S.B.1 PHASE 5-TRAVEL	94.17				
041-1187-90808:S.B.1 PHASE 5-A&G	335.33	746			
041-1187-90811:S.B.1 PHASE 5-NON GEN EMPL	1,016.16				
041-1187-90898:S.B.1 PHASE 5-W/O	(16,176.12)	(11,857)			
041-1187-90899:S.B.1 PHASE 5-OTHER	7,132.50	6,444			
Total			**10,000**		**(10,000)**
041-1187-92101:GERONIMO CREEK WPP-STAFF	1,325.50	613	7,793		(7,793)
041-1187-92102:GERONIMO CREEK WPP-ENG	4,090.52				
041-1187-92104:GERONIMO CREEK WPP-BENEFITS	5,226.97	5,450	12,378		(12,378)
041-1187-92105:GERONIMO CREEK WPP-TRAVEL	432.39	444			
041-1187-92108:GERONIMO CREEK WPP-A&G	4,259.00	4,441	10,086		(10,086)
041-1187-92111:GERONIMO CREEK WPP-NON GEN E	11,580.59	12,845	22,770		(22,770)
041-1187-92198:GERONIMO CREEK WPP-W/O	(81,542.74)	(75,370)			
041-1187-92199:GERONIMO CREEK WPP-MISC	54,627.77	51,577	76,000	112,518	36,518
Total			**129,026**	**112,518**	**(16,508)**
041-1187-92702:GVHS DAM SAFETY PROGRAM-ENG			100,000		(100,000)

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Total			**100,000**		**(100,000)**
041-1187-99909:BUD W/O-UB LAKE MGMT			(13,000)		13,000
041-1187-99914:BUD W/O-GORGE			(23,748)		23,748
041-1187-99919:BUD W/O-GERONIMO CREEK			(107,520)		107,520
041-1187-99931:BUD W/O-PLUM CREEK MONITORING			(163,590)		163,590
041-1187-99932:BUD W/O-EEA HABITAT			(400,000)		400,000
041-1187-99934:BUD W/O-PLUM CREEK WS COORDI			(104,400)		104,400
041-1187-99935:BUD W/O-WATER ENERGY NEXUS			(92,000)		92,000
041-1187-99936:BUD W/O-FLOOD MGT MODEL			(412,200)		412,200
041-1187-99937:BUD W/O-ENVIRON LEARN CTR UB			(13,341)		13,341
041-1187-99939:BUD W/O-PC ISOTOPE			(58,274)		58,274
041-1187-99943:BUD W/O-CRP			(146,680)		146,680
041-1187-99945:BUD W/O-NRCS-UPPER			(295,618)		295,618
041-1187-99946:BUD W/O-NRCS-LOWER			(528,250)		528,250
Total			**(2,358,621)**		**2,358,621**
TOTAL PROJECT DEVELOPMENT	**344,848.38**	**2,205,227**	**6,296,309**	**1,565,407**	**(4,730,902)**

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041 - WATER SALES

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WIP - OPERATING					
041-1114-21002:H5 LOT RESTORATION-SUPERV			7,954		(7,954)
041-1114-21004:H5 LOT RESTORATION-BENEFITS	493.10		3,222		(3,222)
041-1114-21007:H5 LOT RESTORATION-SERVICES	27,895.00				
041-1114-21008:H5 LOT RESTORATION-A&G	401.79		2,625		(2,625)
041-1114-21098:H5 LOT RESTORATION-W/O	(28,789.89)				
Total			**13,801**		**(13,801)**
041-1114-22901:HAZARD MITIGATION-STAFF	259.80	187			
041-1114-22902:HAZARD MITIGATION-SUPERV	148.60				
041-1114-22904:HAZARD MITIGATION-BENEFITS	165.40	76			
041-1114-22908:HAZARD MITIGATION-A&G	134.78	62			
041-1114-22911:HAZARD MITIGATION-PROF FEES			105,000		(105,000)
041-1114-22998:HAZARD MITIGATION-W/O	(708.58)	(324)			
Total			**105,000**		**(105,000)**
041-1114-23911:DIV. DAM/SWB EROSION REPAIR-EN			15,000		(15,000)
Total			**15,000**		**(15,000)**
041-1114-29901:MISC WIP OPER-STAFF	59.44				
041-1114-29904:MISC WIP OPER-BENEFITS	24.07				
041-1114-29907:MISC WIP OPER-SERVICE	(103.13)				
041-1114-29908:MISC WIP OPER-A&G	19.62				
041-1114-40498:FLAP GATE INSTALLATION-W/O	(89.06)				
041-1114-40499:FLAP GATE INSTALLATION-MISC	89.06				
041-1114-80807:SIPHON/RADIAL GATE IMPS-SERVIC	43,698.00				
041-1114-80811:SIPHON/RADIAL GATE IMPS-PROF F			50,000		(50,000)
041-1114-80898:SIPHON/RADIAL GATE IMPS-W/O	(43,698.00)				

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041 - WATER SALES

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total			**50,000**		**(50,000)**
TOTAL WIP - OPERATING			**183,801**		**(183,801)**

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WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

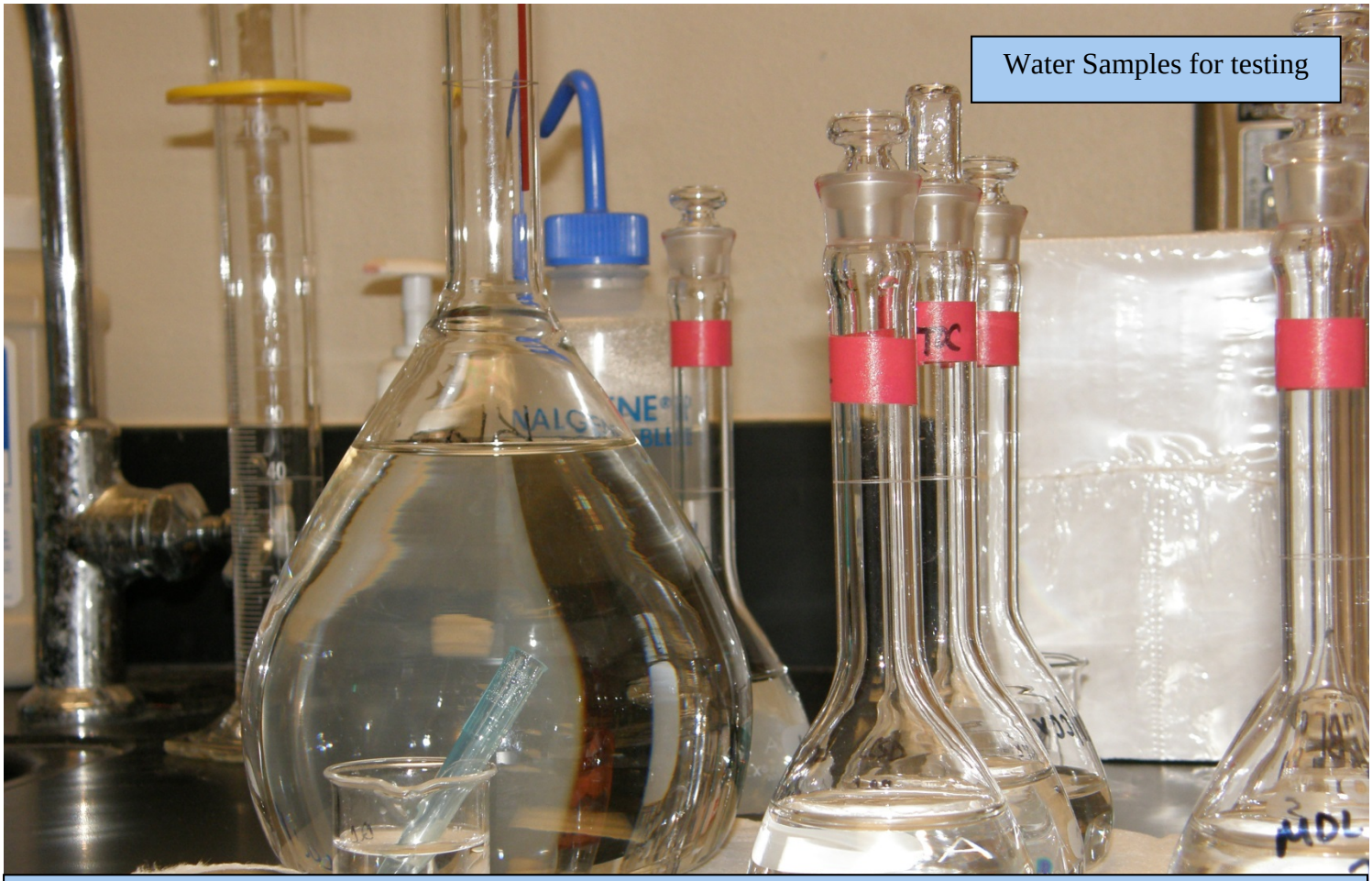
WATER SALES

	FY 2018 BUDGET
WATER RIGHTS	
SURFACE WATER RIGHTS-E.C.	301,000
Total WATER RIGHTS	**301,000**
STRUCTURES & IMPROVEMENTS	
GPS INFRASTRUCTURE	95,000
Total STRUCTURES & IMPROVEMENTS	**95,000**
AUTO & HEAVY EQUIPMENT	
DIVERSION TRUCK	35,000
RTV	22,000
TRACTOR	55,000
TRUCK FOR NEW CONST. INSPECTOR	40,000
WORK BOAT	40,000
Total AUTO & HEAVY EQUIPMENT	**192,000**
TOTAL CAPITAL ADDITIONS	**588,000**

Water Sales
Water Project Fund

Project Description		FY 2018	
Projects Funded From Current Revenues			
Lower Basin Storage Project	$	452,500	
FM 110 Relocation-South		7,000	
FM 110 Relocation-North		8,000	
Siphon/Radial Gate Improvements		350,000	
Total	$	817,500	
Projects Funded From Other Sources			
Gonzales Groundwater Project		30,000,000	Bond Issue
Total	$	30,000,000	
Total Water Project Fund FY 2018	$	30,817,500	

Note: See Financial Summary section for total project information



Water Samples for testing

Laboratory

The laboratory provides support services for GBRA-operated water and wastewater plants, chemical and bacteriological testing for cities, water districts, industries, consulting firms, and private individuals, and environmental monitoring within the river basin.

The laboratory conducts chemical and bacteriological analysis of potable water, wastewater and environmental samples utilizing current technology and equipment. The laboratory performs the following tests: Biochemical Oxygen Demand (BOD), Oil and Grease, Chemical Oxygen Demand (COD), Total Organic Carbon (TOC), Ion Chromatography, Nutrient analysis, Solids and Microbial testing. In addition to its broad water quality planning initiatives and participation in environmental and water quality monitoring programs within the river basin, the laboratory also sponsors and trains Texas Watch water quality monitors, a statewide volunteer program created under the Texas Clean Rivers Act of 1994 to involve citizens in the testing and protection of water resources. The lab also conducts presentations for schools, civic and other organizations on water quality, environmental issues, Texas Watch and other water-related subjects.

The laboratory maintains strong working relationships with federal, state and local government agencies responsible for water quality, as well as corporations and individuals capable of affecting water quality. In addition, the laboratory earned acceptance into the National Environmental Laboratory Accreditation (NELAP).

- Service Provided: Water testing
- Location: Seguin, TX
- Startup Operation Date: 1974
- # of Current Employees: 8
- Budgeted Revenue: $975,000

Water Resources Division
Laboratory and Water Quality
Operating Plan for Fiscal Year Ending 8/31/18

BACKGROUND

GBRA maintains a Water Quality Program as a part of the Water Resources Division in order to ensure that the quality of water of the Guadalupe River and its tributaries is suitable for municipal, agricultural and industrial supplies as well as recreational uses and aquatic life. Technological and regulatory developments are monitored and liaison is maintained with governmental entities, corporations, and individuals that have an effect on water quality and water quality regulations. Personnel within the water quality program and laboratory also provide technical assistance to GBRA's water treatment and wastewater treatment operations; and, applications for new, renewed or amended wastewater discharge permits are prepared. To better assure high quality water in the district, the Water Quality Program and Laboratory help identify and monitor sources of pollution and recommends remediation when appropriate. The Laboratory assists in providing accurate and required data and results for the Water Quality Programs. The responsibilities of the water quality program have been assigned to the Deputy Executive Manager of Operations and Water Quality and assisted by the Laboratory Director. The responsibilities for maintaining the Laboratory and the required accreditation have been assigned to the Laboratory Director.

The Laboratory provides technical assistance and support to GBRA's operations, as well as cities, water districts, industries, engineering firms and other organizations as they comply with federal, state, and local water quality regulations. The Laboratory is equipped to supervise the performance of physical, chemical, and biological analyses of water from natural streams, water and wastewater treatment plants, groundwater wells and treatment residuals as well as industrial water from surrounding industry. The benefits of having a lab on site are numerous, from immediate consulting and on-site assistance to the GBRA Water and Wastewater plants; providing accurate and defensible results to the Clean Rivers Program and other Water Protection Plans throughout the river basin. The data collected from the laboratory is utilized in a variety of ways. This data is used to create water shed protection plans that in turn assist in improving segments of the river basin that have been deemed unsuitable for recreational or other activities. The data is also used to assist the Texas Commission on Environmental Quality (TCEQ) in creating new limits or adjusting the limits used for the WWTP and WTP's in the state of Texas. The laboratory is also open to area classroom teachers, businesses, individual professionals and civic groups for tours. Collaboration with other River Authorities and other environmental laboratories is also advantageous. The laboratory also collaborates with local universities and colleges by providing a professional work setting in which students and/or interns can learn and grow in our field of expertise. The lab provides a way to promote the STEM programs affiliated with the school systems in our 10 county district as well as others. The lab offers younger students working on science projects access and technical expertise directly from the highly educated and experienced Laboratory employees. These employees frequently provide assistance to local and regional science fair competitions as well as to the local colleges and universities by providing short lab sessions, lectures and presentations.

Personnel within the Laboratory include the Laboratory Director, 4 Laboratory Technicians, a Quality Assurance Officer, one part-time Laboratory Technician and one temp sample custodian. Water Quality Technicians also assist with laboratory duties as needed. These employees continue to avail themselves of training offered by the U.S. Environmental Protection Agency, Texas Engineering Extension Service, Texas Water Utilities Association and other professional associations in order to facilitate certification as laboratory analysts and technicians. The TCEQ has developed a program that

has adopted the standards of the National Environmental Laboratory Accreditation Conference, referred to as The NELAC Institute (TNI) to accredit environmental laboratories. The program includes standards covering laboratory practices, personnel requirements, training requirements, and facility requirements. The Laboratory has held the TCEQ TNI-recognized laboratory accreditation since 2008, when it was first required.

Several of the program's tasks complement tactical objectives that fulfill goals set forth in the Mission Statement of the GBRA, namely: a) monitoring of water quality sampling sites, b) maintaining a computerized water quality database available through GBRA's website, and c) continuing to encourage citizens to volunteer to participate in the Texas Stream Team Program. In addition to the Clean Rivers Program, the GBRA Water Resources Division will continue monitoring water quality in the Plum Creek and Geronimo Creek watersheds for the non-point source projects, under Clean Water Act (CWA) Section 319(h) Non-Point Source Grants administered by the Texas State Soil and Water Conservation Board (TSSWCB) for the year. These programs are recognized in the Water Sales system component of GBRA's Water Resource Division.

The Water Quality Program is partially funded through water sales received by the Water Resources Division. The most significant cost associated with the program is labor costs required to gather the test samples needed to support GBRA's Contact Recreation Water Quality Index. The list of sampling sites includes:

Location	**County**	**Location**	**County**
Canyon Reservoir	Comal	Guadalupe River at Second Crossing	Comal
Comal River at Hinman Island	Comal	Lake Dunlap at A.C.'s fish camp	Comal
Lake McQueeney at Lakeview Camp	Guadalupe	San Marcos River at Luling	Caldwell
Guadalupe River at FM 766 bridge	DeWitt	Coleto Creek Reservoir	Goliad
Salt Water Barrier	Refugio	San Antonio River near Fannin	Goliad

Data collection at these ten sites is supplemented with data from 18 other sites that are funded through the TCEQ's Clean Rivers Program. These latter sites are scattered throughout the Guadalupe River Basin in order to assure thorough monitoring of water quality in the river basin.

REVENUE SOURCES AND TRENDS

The Laboratory revenue is provided from laboratory test fees charged to GBRA divisions as well as outside customers. The Laboratory income is estimated to be $975,000 during FY 2018. Revenue will come from analyses of water, wastewater, and environmental samples collected for the Clean Rivers Program, the monitoring projects conducted in the Plum Creek and Geronimo Creek watersheds, and the monitoring of private wells to include those from the Eagle Ford Shale area of Texas. Multiple Public Water Systems will also be serviced along with several surrounding industries. The Laboratory provides the majority of the analytical services that are needed for both the wastewater and drinking water plants that are managed by the GBRA operations, those parameters that are not analyzed "in house" are subcontracted to an accredited and/or qualified laboratory when needed.

CAPTITAL ADDITIONS AND OPERATING EXPENDITURES

The two major operating expense components within the Laboratory System are $90,000 of outsourced lab analyses which are recoverable through fees and chemical expenses amounting to $140,000.

Funding also continues in this budget for the implementation of the Laboratory Information Management System (LIMS). This system is expected to modernize and digitize laboratory testing processes and results communication with customers significantly improving efficiency and customer relations.

There is no new capital additions included in this budget. However, included in the operations budget is funding to implement a lease program for lab equipment. This program is expected to smooth costs and provide for a replacement program that ensures well maintained equipment.

FUND BALANCE

Funds for the above listed laboratory services, monitoring and maintenance projects, as well as all of the other operating expenditures that are summarized in the following pages, will be principally provided by revenues from lab fees and grants from the Texas State Soil and Water Conservation Board. Additional funding in the amount of $298,968 is received from an interdivision transfer from GBRA's Water Sales System.

The net increase in fund balance that GBRA anticipates in the Laboratory System of the Water Resource Division after paying all FY 2018 budgeted expenditures is $0.

Staffing Summary

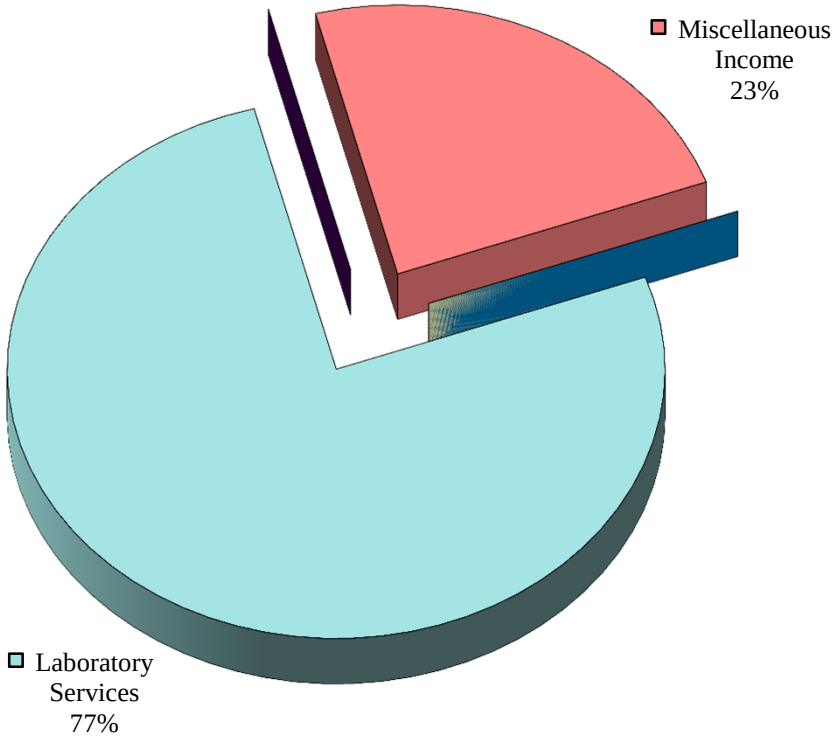
Laboratory	# of Authorized Positions (FTE)		
	2016	2017	2018
Regional Lab Director	1	1	1
Quality Assurance Officer	1	1	1
Customer Project Manager	---	---	1
Laboratory Technician	5	5	5
P/T Administrative Technical Specialis	0.5	0.5	---
P/T Lab Assistant	0.5	0.5	---
Total	**8**	**8**	**8**

Changes from FY 2016 to FY 2017
No staffing changes for this division.

Changes from FY 2017 to FY 2018
1-Customer Project Manager was added.
½-Administrative Technical Specialist was removed.
½-Lab Assistant was removed.

Budget Summary

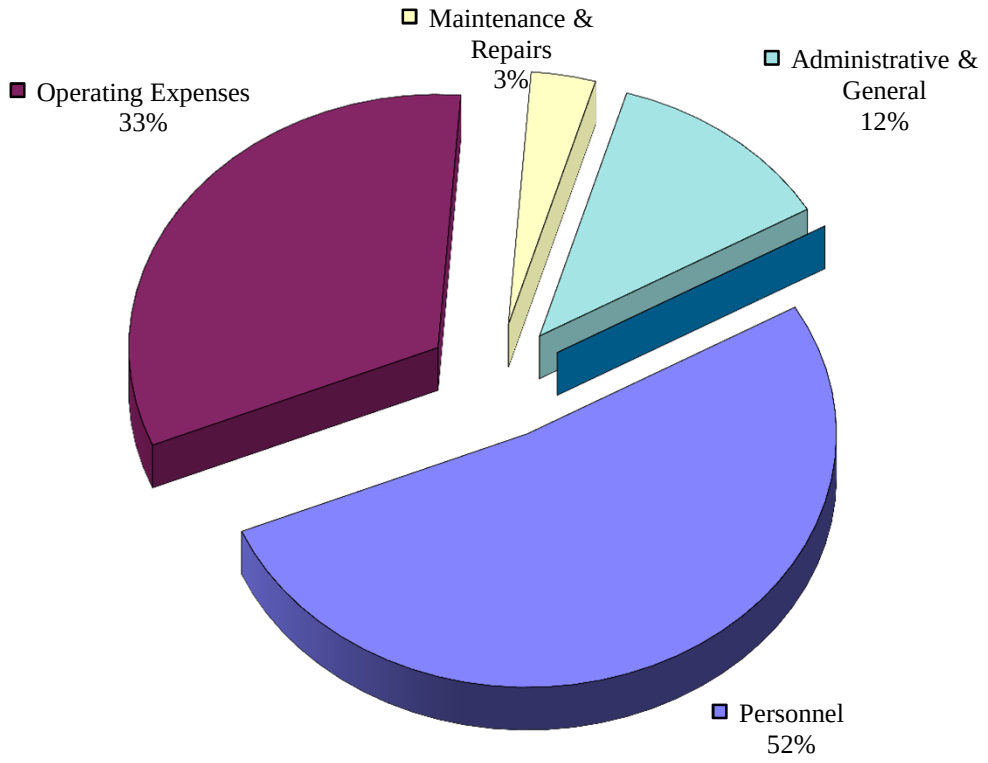
REVENUES - Laboratory



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services			
Laboratory Services	965,329	930,000	975,000
Rentals			
Administrative & General			
Miscellaneous Income	8,084	173,000	298,968
Total Operating Revenue	**973,414**	**1,103,000**	**1,273,968**
Interest Income			
Grand Total Revenues	**973,414**	**1,103,000**	**1,273,968**

Budget Summary

EXPENSES - Laboratory



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	610,782	569,363	663,045
Operating Expenses	308,959	322,400	413,600
Maintenance & Repairs	41,017	43,000	43,000
Administrative & General	142,064	132,085	154,324
Total Operating Expenses	**1,102,822**	**1,066,848**	**1,273,968**
Interest Expense			
Capital Outlay	70,054	35,900	
Debt Service			
Grand Total Expenses	**1,172,876**	**1,102,748**	**1,273,968**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

042 - LABORATORY

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
LABORATORY SERVICES:					
042-2416-10000:LAB FEES - OPERATING	914,475.52	965,329	930,000	975,000	45,000
Total LABORATORY SERVICES	**914,475.52**	**965,329**	**930,000**	**975,000**	**45,000**
MISCELLANEOUS INCOME:					
042-2440-19900:MISCELLANEOUS REVENUES	38.27	120			
Total MISCELLANEOUS INCOME	**38.27**	**120**			
GRANT & OTHER INCOME:					
042-2460-00000:GOVERNMENT GRANTS & STATE FU		7,964			
042-2460-30000:CONTRIBUTED BY OTHER FUNDS			173,000	298,968	125,968
Total GRANT & OTHER INCOME		**7,964**	**173,000**	**298,968**	**125,968**
TOTAL OPERATING REVENUES	**914,513.79**	**973,414**	**1,103,000**	**1,273,968**	**170,968**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	24,359.10	25,850	47,341	36,631	(10,711)
SUPERVISION	66,813.02	74,239	68,746	87,006	18,261
OPERATING LABOR	304,983.62	330,406	284,172	344,010	59,839
MAINTENANCE LABOR	116.64				
Total SALARIES & WAGES	**396,272.38**	**430,496**	**400,258**	**467,647**	**67,389**
EMPLOYEE EXPENSES & BENEFITS:					
042-2512-20000:EMPLOYEES' TRAVEL	6,416.19	5,128	4,000	4,000	
042-2512-20005:TRAVEL-SAMPLE PICKUP	1,041.77	721	3,000	2,000	(1,000)
042-2512-30000:EMPLOYEE BENEFITS	170,323.28	174,437	162,105	189,397	27,292
Total EMPLOYEE EXPENSES & BENEFITS	**177,781.24**	**180,286**	**169,105**	**195,397**	**26,292**
OPERATING SUPPLIES & SERVICES:					
042-2513-12001:BUILDING & EQUIPMENT RENTAL				35,000	35,000
042-2513-16000:PUBLIC INFORMATION	70.75	600	1,000	1,000	
042-2513-17000:DUES AND MEMBERSHIPS	418.00	967		500	500
042-2513-18000:PUBLICATIONS AND BOOKS	554.99	15	800	800	
042-2513-21000:UNIFORMS AND LAUNDRY	2,654.77	2,977	4,500	4,500	
042-2513-22003:OUTSOURCED LAB ANALYSES	47,965.19	68,477	30,000	90,000	60,000
042-2513-23000:BAD DEBT EXPENSE	940.70	203	500	1,000	500

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

042 - LABORATORY

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
042-2513-27000:TRAINING EXPENSES	8,061.21	1,777	10,000	10,000	
042-2513-27001:LAB EMPLOYEE RETENTION EXPENS		400	1,000		(1,000)
042-2513-29000:SAFETY & EMERG. EXPENSES	3,619.62	3,655	1,500	1,500	
042-2513-29100:SAFETY BOOTS & GLASSES			1,500	1,000	(500)
042-2513-29200:SECURITY EXPENSE			1,000		(1,000)
042-2513-30000:POWER AND UTILITIES	5,802.45	5,396	6,500	6,500	
042-2513-50000:LAB SUPPLIES & EXPENSES		87		10,000	10,000
042-2513-50100:WATER CONDITIONING	7,261.25	5,064	6,800		(6,800)
042-2513-50200:FREIGHT EXPENSES	9,973.18	9,535	12,000	7,500	(4,500)
042-2513-50300:APPARATUS EXPENSES	5,671.74	3,740	5,000		(5,000)
042-2513-50400:CHEMICAL EXPENSES	115,270.34	113,949	130,000	140,000	10,000
042-2513-50401:GAS CYLINDERS EXPENSES	5,996.57	4,477	4,000	5,000	1,000
042-2513-50402:PT EXPENSES	3,687.60	4,700	5,500	4,000	(1,500)
042-2513-50500:HAZ. WASTE DISPOSAL EXPENSES	5,897.39	4,394	7,000	9,000	2,000
042-2513-51000:NELAP - ACCREDIATION FEES	2,285.00	2,285	3,000	3,000	
042-2513-51001:NELAP - PROFESSIONAL SERVICES	3,500.00		5,000	2,500	(2,500)
042-2513-60000:PROFESSIONAL FEES	10,565.24	14,376	30,000	10,000	(20,000)
042-2513-61000:CONTRACT LABOR	2,909.39	26,725	15,000	30,000	15,000
042-2513-70000:COMMUNICATIONS	3,499.40	4,202	5,500	2,500	(3,000)
042-2513-80000:OFFICE SUPPLIES & EXPENSES	6,824.20	7,025	6,000	3,000	(3,000)
042-2513-80200:COMPUTER SUPPLIES & SERVICE	7,206.38	6,865	12,000	9,000	(3,000)
042-2513-81200:COMPUTER-LIMS EXPENSE	335.35	11,975	10,000	20,000	10,000
042-2513-90000:INSURANCE EXPENSE	2,670.75	3,904	5,300	4,300	(1,000)
042-2513-99900:MISCELLANEOUS EXPENSES	2,160.91	1,190	2,000	2,000	
Total OPERATING SUPPLIES & SERVICES	**265,802.37**	**308,959**	**322,400**	**413,600**	**91,200**
MAINTENANCE & REPAIR					
MATERIAL:					
042-2520-20001:M&R/MAT- REGIONAL LAB	7,391.77	112	4,000	4,000	
Total MATERIAL	**7,391.77**	**112**	**4,000**	**4,000**	
SERVICES:					
042-2520-30001:M&R/SER- REGIONAL LAB	33,618.79	30,845	30,000	30,000	
042-2520-30030:M&R/SER- GEN. OFFICE BLDG	9,358.69	10,059	9,000	9,000	
Total SERVICES	**42,977.48**	**40,904**	**39,000**	**39,000**	
ADMINISTRATIVE & GENERAL:					
042-2525-00000:A & G EXPENSES	130,769.86	142,064	132,085	154,324	22,238

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

042 - LABORATORY

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total ADMINISTRATIVE & GENERAL	**130,769.86**	**142,064**	**132,085**	**154,324**	**22,238**
PURCHASES OF FIXED ASSETS					
SPECIALIZED OPER. EQUIPMENT	5,205.99	70,054	35,900		(35,900)
OFFICE FURN & EQUIPMENT					
MISCELLANEOUS EQUIPMENT					
Total PURCHASES OF FIXED ASSETS	**5,205.99**	**70,054**	**35,900**		**(35,900)**
WIP-OPERATING	**71,499.61**	**16,500**			
TOTAL OPERATING EXPENSES	**1,097,700.70**	**1,189,376**	**1,102,748**	**1,273,968**	**171,220**
NET OPERATING INCOME	**(183,186.91)**	**(215,962)**	**252**	**()**	**(252)**
TOTAL NON-REVENUE FUNDS RECEIVED					
TOTAL NON-OPERATING FUNDS APPLIED					
NET CHANGE IN FUND BALANCE	**(183,186.91)**	**(215,962)**	**252**	**()**	**(252)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

042 - LABORATORY

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
WIP - OPERATING					
042-1114-15106:LIMS SOFTWARE & INSTALLATI	71,499.61	16,500			
Total	**71,499.61**	**16,500**			
TOTAL WIP - OPERATING	**71,499.61**	**16,500**			



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: 6
- Budgeted Revenue: $1,337,255

Water Resource Division
Calhoun Canal System
Operating Plan for Fiscal Year Ending 8/31/18

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

Due to the low rice acreage that is budgeted and the need to better assure adequate revenues to cover the division's expenses, the irrigation rate for first crop rice will remain at $130 per surface acre (flat rate). The second crop water rent is of minor importance and will also remain at $50 per surface acre.

Revenue in the Canal System will continue to come primarily 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 fresh water. For FY 2018, revenue from water supplied to municipal and industrial customers is budgeted to increase from $1,132,026 to $1,337,255. Municipal revenue is relatively stable while industrial revenue is increased slightly due to a higher projected usage by DOW-Union Carbide which has a petrochemical plant adjacent to GBRA's main canal.

The base municipal and industrial rate will increase to 17.5¢ per thousand gallons in FY 2018.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Significant operating expenses for FY 2018 include $27,480 in truck operating costs and $24,000 in tractor operating costs, $38,400 for stream gaging, $32,292 for electrical power to operate the Relift #1 Pump Station, $37,220 in assessments pertaining to the TCEQ South Texas Watermaster Program, and $39,200 in insurance costs. Additionally, $348,000 is budgeted for the Canal Division's payment of operating costs associated with the DOW-Union Carbide raw water pump station. GBRA shares the costs of this pump station with Dow-Union Carbide based upon the relative volume of water pumped through the station and subsequently delivered to Dow and GBRA.

Maintenance expenses include $8,995 for the repair or purchase of pipe and water gate assemblies, and $19,200 in materials and services for an effective control program for various aquatic weeds which restrict water flow in the canals.

Under capital additions, $45,000 is budgeted for a replacement truck. Work authorizations include $100,000 in materials and labor to repair the Main Canal crossing under Hwy 238.

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 prioritization of division expenditures does allow a modest increase in the division's fund balance of $41,991.

Staffing Summary

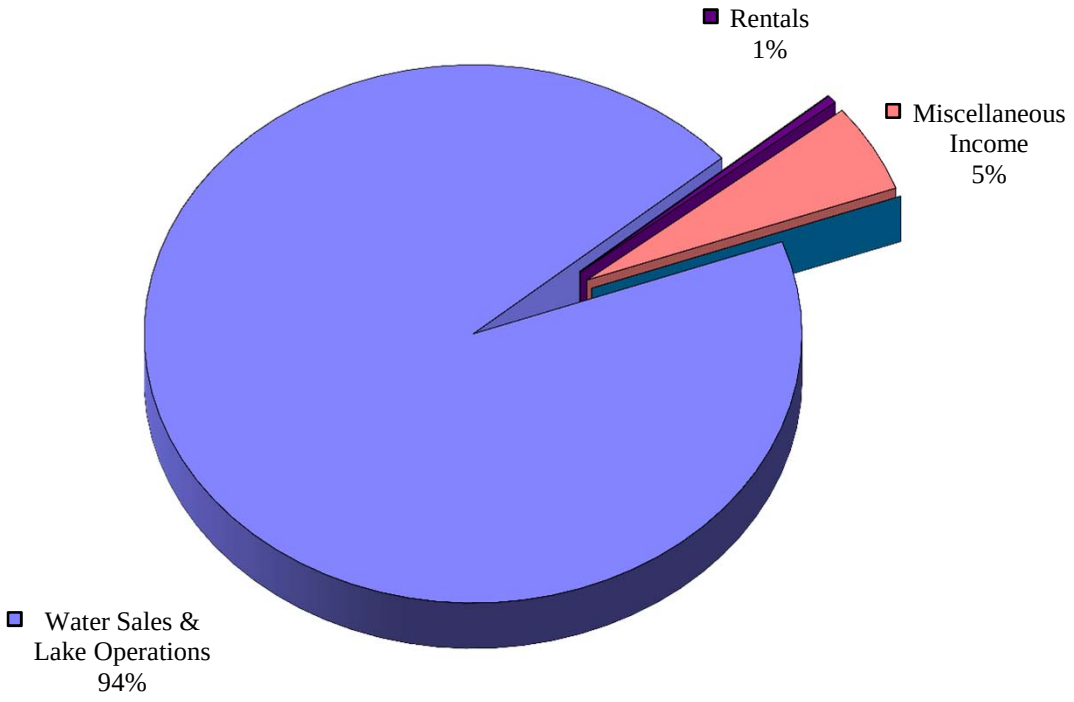
Calhoun Canal	# of Authorized Positions (FTE)		
	2016	2017	2018
Port Lavaca Operations Manager	1	1	---
Chief Water Tender	1	1	1
Heavy Equipment Operator	1	1	1
Maintenance Chief	1	1	1
Water Tender	3	3	3
Total	**7**	**7**	**6**

Changes from FY 2016 to FY 2017
No staffing changes for this division.

Changes from FY 2017 to FY 2018
1-Port Lavaca Operations Manager was moved from Canal to Water Sales with a title change to Division Manager-Calhoun/Refugio Counties.

Budget Summary

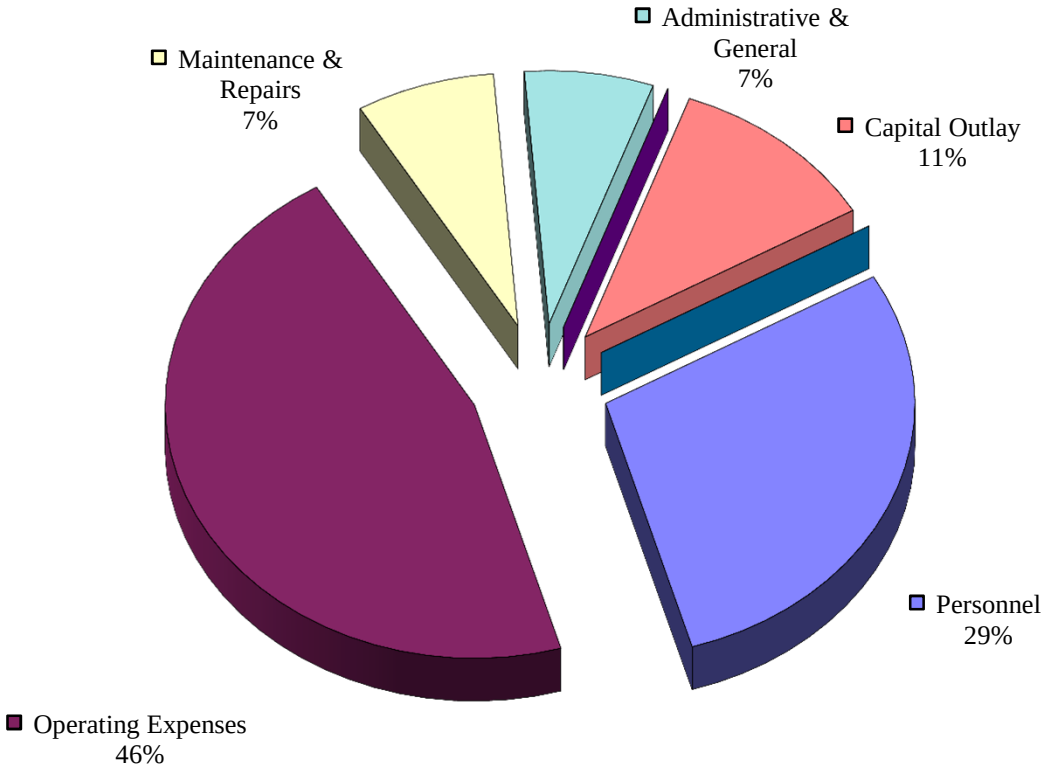
REVENUES - Calhoun Canal



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	1,258,800	1,355,926	1,259,871
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals	6,384	6,384	6,384
Administrative & General			
Miscellaneous Income	69,473	6,000	71,000
Total Operating Revenue	**1,334,657**	**1,368,310**	**1,337,255**
Interest Income	51	60	
Grand Total Revenues	**1,334,708**	**1,368,370**	**1,337,255**

Budget Summary

EXPENSES - Calhoun Canal



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	426,202	506,032	373,319
Operating Expenses	496,685	557,947	595,508
Maintenance & Repairs	83,035	79,464	94,035
Administrative & General	103,092	118,573	87,402
Total Operating Expenses	**1,109,013**	**1,262,015**	**1,150,264**
Interest Expense			
Capital Outlay	59,273	20,000	145,000
Debt Service	55,000		
Grand Total Expenses	**1,223,286**	**1,282,015**	**1,295,264**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

043 - CALHOUN CANAL

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WATER SALES & LAKE OPERATIONS:					
043-2413-10100:WATER SALES-PT. LAVACA	87,438.00	87,593	90,792	96,295	5,503
043-2413-10200:WATER SALES-RURAL WATER	11,890.65	14,248	15,552	16,504	952
043-2413-10300:WATER SALES-CARBIDE	654,972.23	744,402	771,535	794,635	23,100
043-2413-10400:WATER SALES-INEOS NITRILES G.L	142,995.79	183,538	213,259	219,657	6,398
043-2413-10601:WATER SALES-1ST CROP	1,089.74	139,602	123,500		(123,500)
043-2413-10603:WATER SALES-2ND CROP RICE			10,000		(10,000)
043-2413-10604:WATER SALES-OTHER	887.28	977	18,000	18,000	
043-2413-10605:WATER SALES-SPRINKLER IRRIGAT	8,659.33	4,500	27,000	27,000	
043-2413-10700:WATER SALES-SEADRIFT COKE	20,567.88	19,909	24,306	24,792	486
043-2413-10800:WATER SALES-CRAWFISH FARM	3,166.40	3,413	9,000	9,000	
043-2413-10900:WATER SALES-PONDS & RIGS	1,832.98	1,965	12,100	12,100	
043-2413-11000:WATER SALES-WATERFOWL WTR	12,933.21	36,351	15,600	15,600	
043-2413-11100:WATER SALES-POC ID	13,717.20	17,627	16,582	17,588	1,006
043-2413-11200:WATER SALES-CATFISH FARM	8,796.12	4,675	8,700	8,700	
Total WATER SALES & LAKE OPERATIONS	**968,946.81**	**1,258,800**	**1,355,926**	**1,259,871**	**(96,055)**
RENTALS:					
043-2417-10000:BUILDING RENTAL	6,384.00	6,384	6,384	6,384	
Total RENTALS	**6,384.00**	**6,384**	**6,384**	**6,384**	
MISCELLANEOUS INCOME:					
043-2440-19900:MISCELLANEOUS REVENUES	433.29	69,473	6,000	6,000	
Total MISCELLANEOUS INCOME	**433.29**	**69,473**	**6,000**	**6,000**	
INTEREST INCOME:					
043-2420-15000:INT ON NOW ACCTS	42.26	51	60		(60)
Total INTEREST INCOME	**42.26**	**51**	**60**		**(60)**
GAIN(LOSS) ON SALE OF ASSETS:					
043-2612-00000:LOSS ON SALE OF ASSETS	4,704.03				
Total GAIN(LOSS) ON SALE OF ASSETS	**4,704.03**				
GRANT & OTHER INCOME:					
043-2460-00000:GOVERNMENT GRANTS & STATE FU				65,000	65,000

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

043 - CALHOUN CANAL

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total GRANT & OTHER INCOME				**65,000**	**65,000**
TOTAL OPERATING REVENUES	**980,510.39**	**1,334,708**	**1,368,370**	**1,337,255**	**(31,115)**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	19,948.39	18,863	19,634	24,427	4,793
SUPERVISION	59,841.20	30,368	46,230	33,028	(13,202)
OPERATING LABOR	204,811.40	203,849	293,447	207,399	(86,048)
MAINTENANCE LABOR	105,343.82	59,321			
Total SALARIES & WAGES	**389,944.81**	**312,401**	**359,311**	**264,854**	**(94,457)**
EMPLOYEE EXPENSES & BENEFITS:					
043-2512-20000:EMPLOYEES' TRAVEL	1,167.16	828	1,200	1,200	
043-2512-30000:EMPLOYEE BENEFITS	158,198.23	112,972	145,521	107,266	(38,255)
Total EMPLOYEE EXPENSES & BENEFITS	**159,365.39**	**113,800**	**146,721**	**108,466**	**(38,255)**
OPERATING SUPPLIES & SERVICES:					
043-2513-10000:TRUCK OPERATING EXPENSES	9,037.91	8,392	26,800	27,480	680
043-2513-12003:RIGHT-OF-WAY RENTALS	2,108.29	2,108	2,100	2,400	300
043-2513-16000:PUBLIC INFORMATION	2,772.42	883	2,160	1,200	(960)
043-2513-17000:DUES AND MEMBERSHIPS	179.99	161	360	720	360
043-2513-18000:PUBLICATIONS AND BOOKS	71.00	80	120	240	120
043-2513-19000:SMALL TOOLS EXPENSE	1,519.75	1,152	2,100	2,400	300
043-2513-20000:TRACTORS AND EQUIPMENT	12,408.57	7,844	23,400	24,000	600
043-2513-21000:UNIFORMS AND LAUNDRY	4,445.63	4,822	4,380	4,800	420
043-2513-22000:PROCESS/SPECIAL OPERATING			360	600	240
043-2513-23000:BAD DEBT EXPENSE			2,400		(2,400)
043-2513-24000:GAUGING/MONITORING	18,399.97	23,900	25,200	38,400	13,200
043-2513-27000:TRAINING EXPENSES	759.32	330	660	816	156
043-2513-29000:SAFETY & EMERG. EXPENSES	3,209.13	4,520	4,200	4,600	400
043-2513-29200:SECURITY EXPENSE	5,046.50	2,642	2,760	2,760	
043-2513-30000:POWER AND UTILITIES	2,202.93	3,275	3,600	3,600	
043-2513-30001:PUMP STATION POWER/UTILIT	25,399.73	19,195	32,000	32,292	292
043-2513-40100:CHLORINE				600	600
043-2513-50000:LAB SUPPLIES & EXPENSES	616.11		660	660	
043-2513-60000:PROFESSIONAL FEES		635	240	1,800	1,560
043-2513-61000:CONTRACT LABOR	101.89		3,600	3,600	
043-2513-68000:WATERMASTER PAYMENT	35,446.64	37,299	35,447	37,220	1,773
043-2513-70000:COMMUNICATIONS	5,956.65	4,717	6,360	6,360	
043-2513-80000:OFFICE SUPPLIES & EXPENSES	1,831.85	2,365	2,400	2,400	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

043 - CALHOUN CANAL

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
043-2513-80200:COMPUTER SUPPLIES & SERVICE	2,679.02	2,315	2,880	4,800	1,920
043-2513-81500:BANK SERVICE FEES	161.94	59	200		(200)
043-2513-90000:INSURANCE EXPENSE	38,905.21	44,295	45,000	39,200	(5,800)
043-2513-99900:MISCELLANEOUS EXPENSES	6,043.34	3,028	4,560	4,560	
Total OPERATING SUPPLIES & SERVICES	**179,303.79**	**174,017**	**233,947**	**247,508**	**13,561**
MAINTENANCE & REPAIR					
MATERIAL:					
043-2520-20005:M&R/MAT- CANAL METERS	2,390.04		384	480	96
043-2520-20006:M&R/MAT- CANAL CHECKS		103	4,800	4,800	
043-2520-20007:M&R/MAT- CANAL LEVEES	649.44				
043-2520-20008:M&R/MAT- WATER GATES	127.44	1,104	10,560	8,955	(1,605)
043-2520-20009:M&R/MAT- FENCES & GATES	220.05	1,022	1,200	1,800	600
043-2520-20010:M&R/MAT- CANAL CROSSINGS	6,825.00	75	7,200	7,680	480
043-2520-20013:M&R/MAT- BRUSH,WEED CNTRL	1,313.23	17,972	4,800	4,800	
043-2520-20018:M&R/MAT- OFFICE & BUILDING	2,891.60	1,824			
043-2520-20020:M&R/MAT- RLF. BLD/GROUNDS	126.43	29	240	3,720	3,480
043-2520-20021:M&R/MAT- RLF. INST.& ELEC	3,470.35	4,308	1,800	1,800	
043-2520-20022:M&R/MAT- RLF. PUMPS & MTRS	50.02		600		(600)
043-2520-20024:M&R/MAT- INEOS N.G.L. PIPELINE	1,527.55	609			
043-2520-20027:M&R/MAT- RLF. VALVES	377.24				
043-2520-20028:M&R/MAT- S.C. PIPELINE	1,938.18		240	600	360
043-2520-20030:M&R/MAT- SCADA EQUIPMENT	20.82	499			
043-2520-20041:M&R/MAT- HEADQTRS GROUNDS	2,786.77	(86)	840	840	
043-2520-20042:M&R/MAT- SHOP BLDG/POLE BA	1,533.46	86			
043-2520-20043:M&R/MAT- SM EQUIP & TOOLS	679.34	1,165	600	600	
043-2520-20049:M&R/MAT- UNIT 49	1,546.95	113			
043-2520-20050:M&R/MAT- UNIT 50		101			
043-2520-20051:M&R/MAT- UNIT 51	222.89	57			
043-2520-20052:M&R/MAT- UNIT 52	27.14	327			
043-2520-20053:M&R/MAT- UNIT 53	85.10	260			
043-2520-20054:M&R/MAT- UNIT 54		246			
043-2520-20055:M&R/MAT- FLATBED TRAILER	1,251.30	182	3,000	4,080	1,080
043-2520-20056:M&R/MAT- CASE BACKHOE	1,065.34	1,323			
043-2520-20057:M&R/MAT- ALL TERRAIN VHCL	989.39	72			
043-2520-20060:M&R/MAT-SPRAYERS	266.28	313			
043-2520-20063:M&R/MAT- BIG TRACTOR	2,710.58	193			
043-2520-20064:M&R/MAT- SHREDDERS	905.02	188			
043-2520-20099:M&R/MAT- OTHER		274	240	720	480

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

043 - CALHOUN CANAL

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total MATERIAL	**35,996.95**	**32,357**	**36,504**	**40,875**	**4,371**
SERVICES:					
043-2520-30001:M&R/SER- MOW CANALS			1,200		(1,200)
043-2520-30006:M&R/SER- CANAL CHECKS			3,600	3,600	
043-2520-30007:M&R/SER- CANAL LEVEES			8,400	9,600	1,200
043-2520-30009:M&R/SER- FENCES & GATES			840	1,800	960
043-2520-30010:M&R/SER- CANAL CROSSINGS	400.00	1,088	3,600	4,080	480
043-2520-30013:M&R/SER- BRUSH,WEED CNTRL	3,675.00	34,248	14,400	14,400	
043-2520-30015:M&R/SER- RADIO EQUIPMENT	350.00		240	2,520	2,280
043-2520-30017:M&R/SER- PLWTP METERS	485.00	390	1,200	1,200	
043-2520-30018:M&R/SER- OFFICE &BUILDING	8,492.88	2,482			
043-2520-30020:M&R/SER- RLF.BLD./GROUNDS	6,300.00	300	480	3,240	2,760
043-2520-30021:M&R/SER- RLF.INST. & ELEC	270.00	270	480	3,000	2,520
043-2520-30022:M&R/SER- RLF. PUMPS &MTRS		370	840		(840)
043-2520-30024:M&R/SER- INEOS N.G.L. PIPELINE	535.00	195	600	600	
043-2520-30025:M&R/SER- RLF. ROADS &BRID	3,154.40		240		(240)
043-2520-30028:M&R/SER- S.C. PIPELINE	270.00	270			
043-2520-30029:M&R/SER- S.C. INSTRUMNTN	465.00	465	600		(600)
043-2520-30030:M&R/SER- SCADA EQUIPMENT	839.33		840		(840)
043-2520-30041:M&R/SER- HEADQTRS GROUNDS	1,414.14	1,568	2,520	3,240	720
043-2520-30043:M&R/SER- SM EQUIP & TOOLS	233.13	52	600	600	
043-2520-30049:M&R/SER- UNIT 49	1,642.02	1,931			
043-2520-30050:M&R/SER- UNIT 50		2,512			
043-2520-30051:M&R/SER- UNIT 51		417			
043-2520-30052:M&R/SER- UNIT 52	550.40	456			
043-2520-30053:M&R/SER- UNIT 53	1,105.11	686			
043-2520-30055:M&R/SER- FLATBED TRAILER		7	2,160	4,560	2,400
043-2520-30056:M&R/SER- CASE BACKHOE		1,283			
043-2520-30057:M&R/SER- ALL TERRAIN VHCL	396.64				
043-2520-30063:M&R/SER- BIG TRACTOR		600			
043-2520-30099:M&R/SER- OTHER	280.89	1,089	120	720	600
Total SERVICES	**30,858.94**	**50,677**	**42,960**	**53,160**	**10,200**
ADMINISTRATIVE & GENERAL:					
043-2525-00000:A & G EXPENSES	128,681.87	103,092	118,573	87,402	(31,171)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

043 - CALHOUN CANAL

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total ADMINISTRATIVE & GENERAL	**128,681.87**	**103,092**	**118,573**	**87,402**	**(31,171)**
WATER PURCHASES/DELIVERY:					
043-2526-00000:UNION CARBIDE PUMPING	422,060.84	322,668	324,000	348,000	24,000
Total WATER PURCHASES/DELIVERY	**422,060.84**	**322,668**	**324,000**	**348,000**	**24,000**
PURCHASES OF FIXED ASSETS					
LAND & LAND RIGHTS					
WATER RIGHTS					
STRUCTURES & IMPROVEMENTS					
SPECIALIZED OPER. EQUIPMENT					
OFFICE BUILDINGS					
AUTO & HEAVY EQUIPMENT	17,275.28	43,651	20,000	45,000	25,000
OFFICE FURN & EQUIPMENT					
MISCELLANEOUS EQUIPMENT	1,923.01	15,622			
Total PURCHASES OF FIXED ASSETS	**19,198.29**	**59,273**	**20,000**	**45,000**	**25,000**
PROJECT DEVELOPMENT				**100,000**	**100,000**
PROJECT RECLASS TO OPR EXPENSES	**15,931.71**				
WIP-OPERATING	**(8,509.82)**		**83,200**		**(83,200)**
TOTAL OPERATING EXPENSES	**1,372,832.77**	**1,168,286**	**1,365,215**	**1,295,264**	**(69,951)**
NET OPERATING INCOME	**(392,322.38)**	**166,422**	**3,155**	**41,991**	**38,836**
INTERFUND LOANS RECEIVED:					
043-1213-00001:GENERAL LOANS REC.	178,600.00	61,200			
Total INTERFUND LOANS RECEIVED	**178,600.00**	**61,200**			
TOTAL NON-REVENUE FUNDS RECEIVED	**178,600.00**	**61,200**			
DEBT SERVICE PAYMENTS:					
043-1213-00002:GENERAL LOANS PAID		55,000			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

043 - CALHOUN CANAL

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total DEBT SERVICE PAYMENTS		55,000			
TOTAL NON-OPERATING FUNDS APPLIED		55,000			
NET CHANGE IN FUND BALANCE	(213,722.38)	172,622	3,155	41,991	38,836

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

043 - CALHOUN CANAL

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
PROJECT DEVELOPMENT					
043-1187-71730:SHILLINGS MAIN PIPES-SERVICE				100,000	100,000
Total				**100,000**	**100,000**
TOTAL PROJECT DEVELOPMENT				**100,000**	**100,000**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

043 - CALHOUN CANAL

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
WIP - OPERATING					
043-1114-41807:CANAL REHAB-SERVICE			19,200		(19,200)
Total			**19,200**		**(19,200)**
043-1114-72007:MAIN CANAL CROSSING-SERVICE			35,000		(35,000)
Total			**35,000**		**(35,000)**
043-1114-85807:REHAB RELIFT ROOF-SERVICE			29,000		(29,000)
Total			**29,000**		**(29,000)**
043-1114-86507:HENKE CROSSING-SERVICE	6,160.00				
043-1114-86580:HENKE CROSSING-MAT'L	1,261.89				
043-1114-86598:HENKE CROSSING-W/O	(15,931.71)				
Total	**(8,509.82)**				
TOTAL WIP - OPERATING	**(8,509.82)**		**83,200**		**(83,200)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

CALHOUN CANAL

	FY 2018 BUDGET
AUTO & HEAVY EQUIPMENT	
F450 SERVICE TRUCK	45,000
Total AUTO & HEAVY EQUIPMENT	**45,000**
TOTAL CAPITAL ADDITIONS	**45,000**



San Marcos WTP

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

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

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

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

- Service Provided: Water treatment
- Location: San Marcos, TX
- Startup Operation Date: January 2000
- Service Area: Hays County, TX
- Plant Capacity: 21 mgd
- # of Gallons Treated: 3,676,760,000
- # of Current Employees: 8
- Budgeted Revenue: $2,057,900

Water Resource Division
San Marcos Water Treatment Plant
Operating Plan for Fiscal Year Ending 8/31/18

BACKGROUND

The Guadalupe-Blanco River Authority entered into a five-year agreement with the City of San Marcos in December 2015 to operate the surface water and ground water production facilities for the City. 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 23-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 mid-2006. Customers of the IH 35 Treated Water Delivery System are the Cities of Kyle and Buda, Monarch Water Supply, Sunfield Municipal Utilities District, 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 I-35 pipeline. 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 I-35 transmission main, operating and maintaining the plant, and monitoring treated water quality to ensure 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.

REVENUE SOURCES AND TRENDS

This operating budget includes an annual service fee of $939,225 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 2018, these pass through reimbursements are projected to total $914,560. Revenue from other water customers is estimated to be $746,328.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The total operating costs budgeted for FY 2018 is $2,130,830. Significant costs within the budget include a backwash blower at $90,000, electrical power at $379,524, chemicals at $313,470, personnel costs at $565,917, and administrative expenses at $132,920. Power and chemical costs are based on a daily average flow of 7.90 MGD at the Plant, and 1.79 MGD at the Wells.

FUND BALANCE

The budget projects a fund balance of $14,603.

Staffing Summary

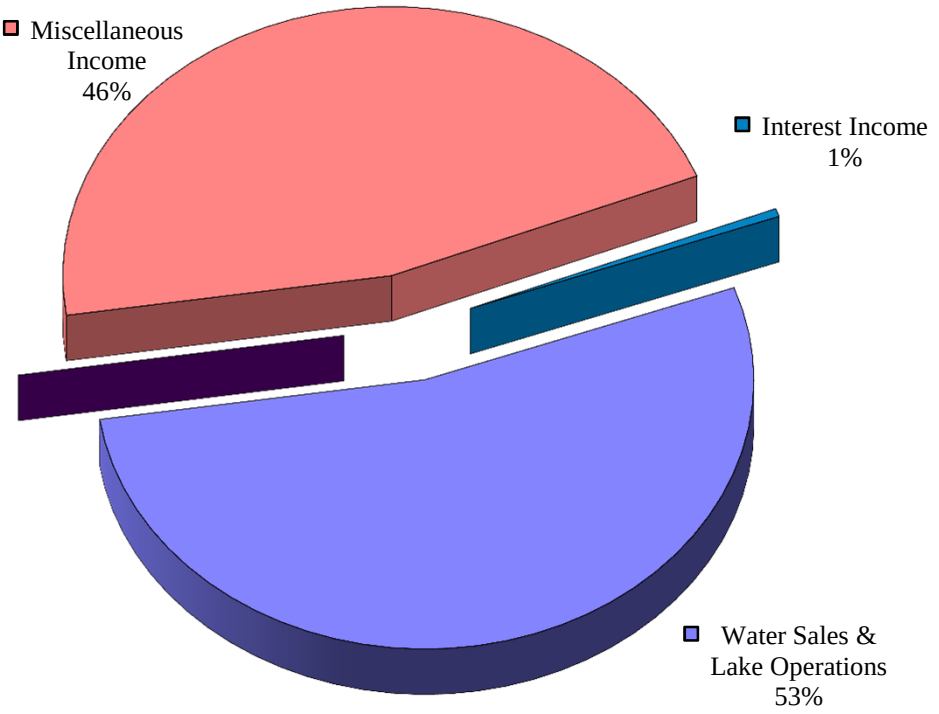
San Marcos WTP	# of Authorized Positions (FTE)		
	2016	2017	2018
Plant Manager	1	1	1
Chief Operator	1	1	1
Operator	6	6	6
Total	**8**	**8**	**8**

Changes from FY 2016 to FY 2017
No staffing changes for this division.

Changes from FY 2017 to FY 2018
No staffing changes for this division.

Budget Summary

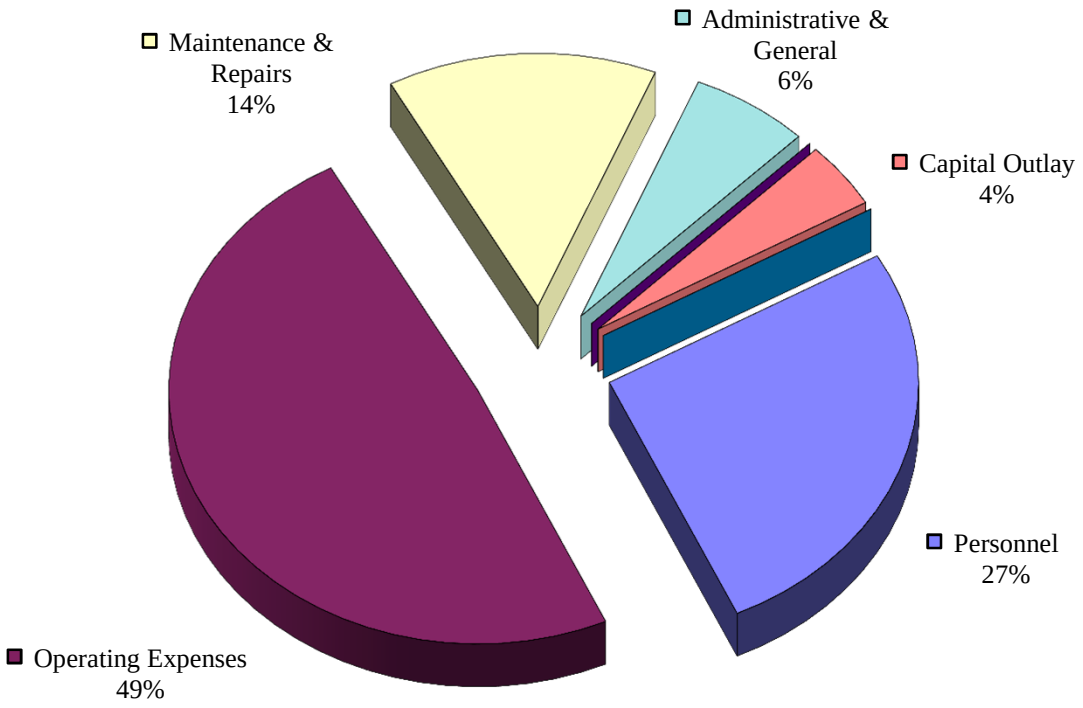
REVENUES - San Marcos WTP



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	989,399	1,030,067	1,094,769
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	1,027,461	1,272,593	953,131
Total Operating Revenue	**2,016,860**	**2,302,660**	**2,047,900**
Interest Income	14,898	9,600	10,000
Grand Total Revenues	**2,031,758**	**2,312,260**	**2,057,900**

Budget Summary

EXPENSES - San Marcos WTP



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	561,338	582,528	565,916
Operating Expenses	1,166,892	1,031,409	1,041,450
Maintenance & Repairs	146,066	300,720	300,544
Administrative & General	130,763	136,587	132,920
Total Operating Expenses	**2,005,059**	**2,051,244**	**2,040,830**
Interest Expense			
Capital Outlay	22,990	349,714	90,000
Debt Service			
Grand Total Expenses	**2,028,049**	**2,400,958**	**2,130,830**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

044 - SAN MARCOS WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WATER SALES & LAKE OPERATIONS:					
044-2413-10100:ANNUAL SERVICE FEE INCOME	920,660.00	931,892	933,252	939,225	5,973
044-2413-16000:SMWTP-MASTER METER CREDIT	(506,852.67)	(586,750)	(561,099)	(590,784)	(29,685)
044-2413-16001:SMWTP CHARGES-KYLE	232,603.86	269,054	278,096	311,796	33,700
044-2413-16002:SMWTP CHARGES-GOFORTH WSC	172,250.56	258,665	194,176	229,692	35,516
044-2413-16003:SMWTP CHARGES-CITY OF BUDA	109,748.52	103,123	102,334	113,808	11,474
044-2413-16004:SMWTP CHARGES-MONARCH WSC	70,231.04	79,746	83,308	91,032	7,724
044-2413-16005:SMWTP CHARGES-SUNFIELD MUD	(7,807.33)	(66,332)			
Total WATER SALES & LAKE OPERATIONS	**990,833.98**	**989,399**	**1,030,067**	**1,094,769**	**64,702**
MISCELLANEOUS INCOME:					
044-2440-10000:PASS THROUGH ELEC. COSTS	316,563.68	279,229	379,524	379,524	
044-2440-10001:SM GRNDWTR PASS THRU ELEC CO	93,851.61	122,552	109,186	109,186	
044-2440-10002:PASS THROUGH CHEM COSTS	223,060.63	281,346	307,701	297,734	(9,967)
044-2440-10003:SM GRNDWTR PASS THRU CHEM CO	9,665.31	17,124	15,736	15,736	
044-2440-10004:PASS THROUGH INSURANCE	28,063.23	31,487	41,400	37,100	(4,300)
044-2440-10005:PASS THROUGH L.O.C	8,300.00	9,100	9,332	9,280	(52)
044-2440-10007:PASS THROUGH INSPECTION FEES	47,145.20	61,375	60,000	66,000	6,000
044-2440-19900:MISCELLANEOUS REVENUES	1,105.10	225,249	349,714	38,571	(311,143)
Total MISCELLANEOUS INCOME	**727,754.76**	**1,027,461**	**1,272,593**	**953,131**	**(319,462)**
INTEREST INCOME:					
044-2420-10000:INT ON SAN MARCOS OPR FUND	12,092.50	12,658	9,600	10,000	400
044-2420-10001:FAIR VALUE CHG OF INVEST.	(3,811.37)	2,241			
Total INTEREST INCOME	**8,281.13**	**14,898**	**9,600**	**10,000**	**400**
TOTAL OPERATING REVENUES	**1,726,869.87**	**2,031,758**	**2,312,260**	**2,057,900**	**(254,360)**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	17,652.13	18,182	24,800	31,120	6,320
SUPERVISION	78,180.20	71,158	91,333	83,316	(8,017)
OPERATING LABOR	247,061.40	270,494	297,767	288,351	(9,415)
MAINTENANCE LABOR	36,989.21	36,416			
Total SALARIES & WAGES	**379,882.94**	**396,250**	**413,899**	**402,788**	**(11,112)**
EMPLOYEE EXPENSES & BENEFITS:					
044-2512-20000:EMPLOYEES' TRAVEL	715.38	1,060	1,000		(1,000)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

044 - SAN MARCOS WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
044-2512-30000:EMPLOYEE BENEFITS	159,303.21	164,028	167,629	163,129	(4,500)
Total EMPLOYEE EXPENSES & BENEFITS	**160,018.59**	**165,088**	**168,629**	**163,129**	**(5,500)**
OPERATING SUPPLIES & SERVICES:					
044-2513-10000:TRUCK OPERATING EXPENSES	9,090.97	8,745	8,500	8,500	
044-2513-16000:PUBLIC INFORMATION			650	650	
044-2513-17000:DUES AND MEMBERSHIPS	768.32	762	1,000	1,200	200
044-2513-18000:PUBLICATIONS AND BOOKS	395.88	470	600	600	
044-2513-19000:SMALL TOOLS EXPENSE	1,231.57	1,459	1,600	1,600	
044-2513-20000:TRACTORS AND EQUIPMENT			1,000	1,000	
044-2513-21000:UNIFORMS AND LAUNDRY	3,169.62	3,890	4,000	4,000	
044-2513-22000:PROCESS/SPECIAL OPERATING	8,425.60	10,182	13,500	13,500	
044-2513-22002:BIOSOLIDS DISPOSAL COSTS	29,371.85	72,620	30,000	50,000	20,000
044-2513-27000:TRAINING EXPENSES	2,525.32	2,999	4,000	4,000	
044-2513-29000:SAFETY & EMERG. EXPENSES	2,272.72	2,398	1,500	1,500	
044-2513-30000:POWER AND UTILITIES	316,822.40	279,469	379,524	379,524	
044-2513-30500:SM GROUNDWATER POWER/UTILITI	91,899.41	126,569	109,186	109,186	
044-2513-40000:OPERATING CHEMICALS	5,345.23	2,874	10,000	10,000	
044-2513-40100:CHLORINE	30,452.00	30,478	57,595	57,595	
044-2513-40101:CHLORINE SM GROUNDWATER	9,544.75	17,468	15,736	15,736	
044-2513-40601:FLOURIDE SM GROUNDWATER	424.42				
044-2513-40900:COAGULANT CHEMICALS	170,329.75	228,254	162,980	162,980	
044-2513-40902:POLYMER A			8,767		(8,767)
044-2513-41100:FLUOSILICIC ACID	12,180.09	12,131			
044-2513-41200:FERROUS CHLORIDE			1,200		(1,200)
044-2513-41300:SODIUM CHLORITE			67,159	67,159	
044-2513-50000:LAB SUPPLIES & EXPENSES	13,164.36	19,553	21,900	21,900	
044-2513-60000:PROFESSIONAL FEES	7,760.00	7,693	7,000	7,000	
044-2513-65000:INSPECTION FEES	47,145.20	61,375	60,000	66,000	6,000
044-2513-70000:COMMUNICATIONS	3,306.83	3,749	4,440	4,440	
044-2513-80000:OFFICE SUPPLIES & EXPENSES	2,922.34	3,014	2,940	3,000	60
044-2513-80200:COMPUTER SUPPLIES & SERVICE	1,486.31	3,586	3,900	4,000	100
044-2513-81501:SM LETTER OF CREDIT	8,300.00	9,100	9,332	9,280	(52)
044-2513-90000:INSURANCE EXPENSE	27,048.66	31,268	41,400	37,100	(4,300)
044-2513-99900:MISCELLANEOUS EXPENSES	4,368.49	1,571	2,000		(2,000)
Total OPERATING SUPPLIES & SERVICES	**809,752.09**	**941,676**	**1,031,409**	**1,041,450**	**10,041**
MAINTENANCE & REPAIR					
MATERIAL:					
044-2520-20001:M&R/MAT- GROUNDS	825.39	2,395	720	720	
044-2520-20002:M&R/MAT- BUILDING	3,258.99	3,894	2,400	2,400	
044-2520-20003:M&R/MAT- CHEMICAL FEED SY	4,160.25	2,235	3,600	3,600	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

044 - SAN MARCOS WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
044-2520-20004:M&R/MAT- CLARIFIER	239.05	538	40,000	40,000	
044-2520-20005:M&R/MAT- FILTERS	7,719.04	12,697	28,356	28,356	
044-2520-20006:M&R/MAT- CLEARWELL			1,200	1,200	
044-2520-20007:M&R/MAT- HI SERV. PUMP STA	8,117.81	7,313	19,500	19,500	
044-2520-20008:M&R/MAT- PONDS & LAGOONS		75	200	200	
044-2520-20009:M&R/MAT- ELEC./INSTRUMNTS	23,094.09	20,571	22,620	22,620	
044-2520-20010:M&R/MAT- COMPRESS.AIR SYS.	2,162.82	3,523	3,500	3,500	
044-2520-20011:M&R/MAT- TRUCK	85.07	375	1,000	1,000	
044-2520-20012:M&R/MAT- TOOLS & EQUIP.	244.59	5	420	420	
044-2520-20014:M&R/MAT- ROADS			1,000		(1,000)
044-2520-20015:M&R/MAT- HIGH SERV. METER			4,600	4,600	
044-2520-20016:M&R/MAT- OAKRIDGE FILTERS-GW			1,200	1,200	
044-2520-20017:M&R/MAT-PUMPS & MOTORS-GW	3,245.70	8,246	5,000	5,000	
044-2520-20018:M&R/MAT- GENERAL MAINT-GW	799.71	900	2,000	2,000	
044-2520-20019:M&R/MAT- CHEM FEED SYSTMS-GW	1,167.92	1,776	3,500	3,500	
044-2520-20024:M&R/MAT- AUX GENERATOR	6,876.79	1,384	1,000	5,000	4,000
044-2520-20099:M&R/MAT- OTHER			180	180	
Total MATERIAL	**61,997.22**	**65,928**	**141,996**	**144,996**	**3,000**
SERVICES:					
044-2520-30001:M&R/SER- GROUNDS	30,127.93	28,989	32,000	32,000	
044-2520-30002:M&R/SER- BUILDING	855.00	2,764	2,400	2,400	
044-2520-30003:M&R/SER- CHEMICAL FEED SY	2,623.80	1,736	1,200	1,200	
044-2520-30004:M&R/SER- CLARIFIER		220	40,000	40,000	
044-2520-30005:M&R/SER- FILTERS	905.00	12,771	52,678	52,678	
044-2520-30006:M&R/SER- CLEARWELL		1,050	1,700	1,700	
044-2520-30007:M&R/SER- HI SERV. PUMP STA	11,483.09	8,133	9,000	9,000	
044-2520-30008:M&R/SER- PONDS & LAGOONS	39,045.45	393	500	500	
044-2520-30009:M&R/SER- ELEC./INSTRUMNTS	8,041.40	8,239	3,000	3,000	
044-2520-30010:M&R/SER- COMPRESS.AIR SYS.	1,548.71	3,659	3,000	3,000	
044-2520-30011:M&R/SER- TRUCK	143.95	757	860	860	
044-2520-30012:M&R/SER- TOOLS & EQUIP.	800.26	822	1,000	1,000	
044-2520-30014:M&R/SER- ROADS				1,100	1,100
044-2520-30015:M&R/SER- HIGH SERV. METER			1,200	1,200	
044-2520-30016:M&R/SER- OAKRIDGE FILTERS-GW		798	180	180	
044-2520-30017:M&R/SER- PUMPS & MOTORS-GW	1,800.00	5,212	3,500	3,500	
044-2520-30018:M&R/SER- GENERAL MAINT-GW	165.00	495	450	450	
044-2520-30019:M&R/SER- CHEM FEED SYSTMS-GW		200	180	180	
044-2520-30024:M&R/SER- AUX GENERATOR	3,849.08	2,890	5,000	1,000	(4,000)
044-2520-30030:M&R/SER- GEN. OFFICE BLDG	441.73	475	276		(276)
044-2520-30099:M&R/SER- OTHER		533	600	600	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

044 - SAN MARCOS WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total SERVICES	**101,830.40**	**80,138**	**158,724**	**155,548**	**(3,176)**
ADMINISTRATIVE & GENERAL:					
044-2525-00000:A & G EXPENSES	125,361.36	130,763	136,587	132,920	(3,667)
Total ADMINISTRATIVE & GENERAL	**125,361.36**	**130,763**	**136,587**	**132,920**	**(3,667)**
PURCHASES OF FIXED ASSETS					
STRUCTURES & IMPROVEMENTS					
SPECIALIZED OPER. EQUIPMENT					
AUTO & HEAVY EQUIPMENT		22,990			
OFFICE FURN & EQUIPMENT					
MISCELLANEOUS EQUIPMENT			349,714	90,000	(259,714)
Total PURCHASES OF FIXED ASSETS		**22,990**	**349,714**	**90,000**	**(259,714)**
PROJECT RECLASS TO OPR EXPENSES		**225,216**			
TOTAL OPERATING EXPENSES	**1,638,842.60**	**2,028,049**	**2,400,958**	**2,130,830**	**(270,128)**
NET OPERATING INCOME	**88,027.27**	**3,710**	**(88,698)**	**(72,930)**	**15,768**
USE OF RESERVE FUNDS:					
044-1131-00001:SOURCE CHANGE-RESTRICTD FUND			89,000	87,533	(1,467)
Total USE OF RESERVE FUNDS			**89,000**	**87,533**	**(1,467)**
TOTAL NON-REVENUE FUNDS RECEIVED			**89,000**	**87,533**	**(1,467)**
TOTAL NON-OPERATING FUNDS APPLIED					
NET CHANGE IN FUND BALANCE	**88,027.27**	**3,710**	**302**	**14,603**	**14,301**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

SAN MARCOS WTP

	FY 2018 BUDGET
MISCELLANEOUS EQUIPMENT	
BACKWASH BLOWER	90,000
Total MISCELLANEOUS EQUIPMENT	**90,000**
	90,000



Buda WWTP

This plant operates and manages 1,500,000 gallons per day (gpd) 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 three 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.

- Service Provided: Wastewater treatment
- Location: Buda, TX
- Startup Operation Date: 1985
- Customer: City of Buda
- Capacity: 1.5 MGD
- # of Current Employees: 2
- Budgeted Revenue: $707,643

Water Resource Division
Buda Wastewater Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/18

BACKGROUND

The following Work Plan and Budget for the Buda Wastewater Treatment Plant is based on the treatment of an average sewage flow of 509 million gallons per year or 1.395 million gallons per day (MGD). The plant was expanded during Fiscal Year 2012 with current treatment capacity of 1.5 MGD. A permit amendment to increase flow to 3.75 MGD has been submitted to TCEQ.

Three licensed wastewater treatment professionals operate and maintain the plant. In addition, some contract labor and support from other GBRA Divisions is included in the form of electrical, preventive maintenance, supervision, engineering, purchasing, laboratory, and administrative functions. GBRA's budget forecast includes all payroll and employee benefit expenses. The Chief Operator of GBRA's Shadow Creek System supervises the Buda Wastewater Treatment Plant. Serving as a facilitator to the team will be the Division Manager-Hays/Calwell Counties.

REVENUE SOURCES AND TRENDS

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 proposed FY 2018 budget is based upon a 12-month fiscal year ending August 31, 2018. Since the City funded the 2007 and 2012 expansion projects, no debt service is included in this budget.

The budget is based on total estimated annual wastewater to be treated of 509,000,000 gallons compared to a FY 2017 budgeted flow of 474,500,000 gallons. This approximately 7% increase in flows, due to the growth within the City, is projected to result in an above average increase in operating costs. As a result the budgeted FY 2018 revenue for the Buda Division is $707,643, which is $31,154 or 4.6% more than last year's budget.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The combined capital additions and operating expenditure budget for FY 2018 amounts to $707,643 which is $31,154 or 4.6% more than FY 2017. Major expenses include power and utility costs of $130,000, biosolids disposal costs of $80,620, and chemical costs of $98,200. Also, lab supplies and expenses are estimated at $37,000.

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 2018 is $0.

Staffing Summary

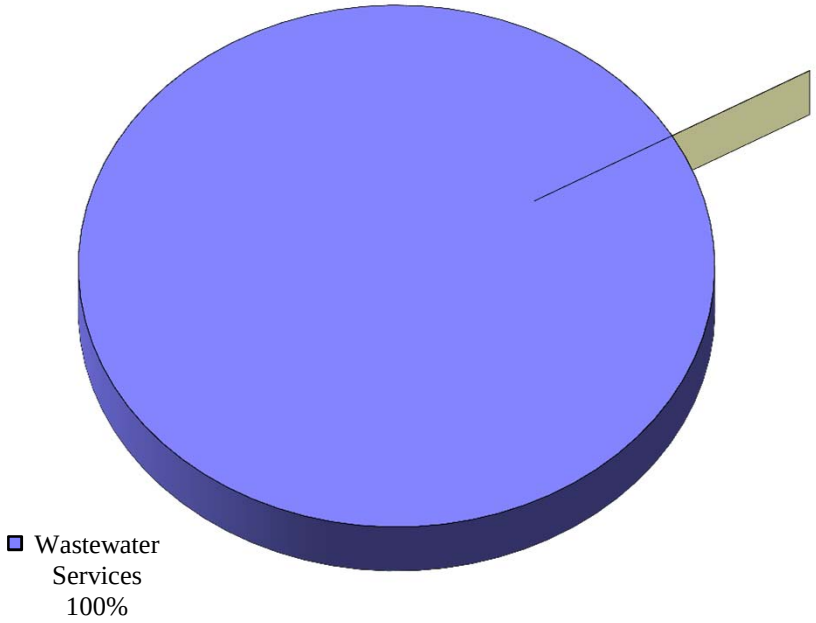
Buda WWTP	# of Authorized Positions (FTE)		
	2016	2017	2018
Operator	2	2	2
Total	**2**	**2**	**2**

Changes from FY 2016 to FY 2017
No staffing changes for this division.

Changes from FY 2017 to FY 2018
No staffing changes for this division.

Budget Summary

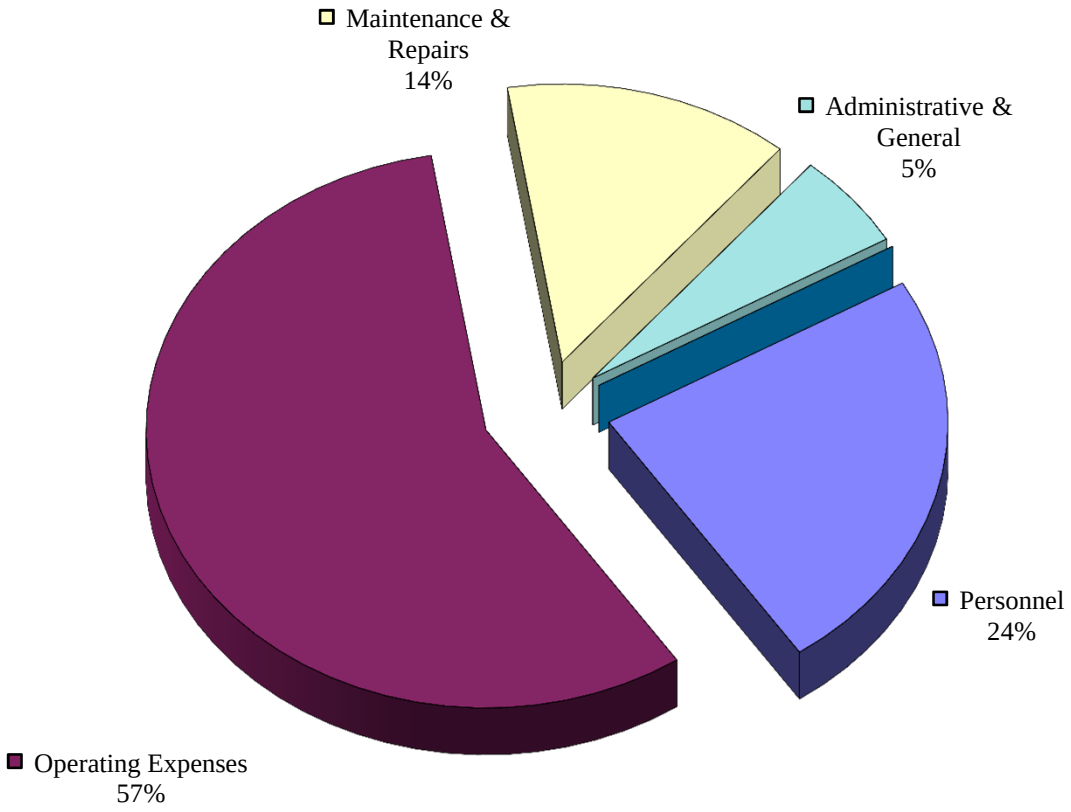
REVENUES -Buda WWTP



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services	735,629	676,429	707,643
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	37		
Total Operating Revenue	**735,666**	**676,429**	**707,643**
Interest Income	93	60	
Grand Total Revenues	**735,758**	**676,489**	**707,643**

Budget Summary

EXPENSES - Buda WWTP



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	172,546	175,136	168,660
Operating Expenses	348,094	374,500	402,770
Maintenance & Repairs	174,970	80,940	96,880
Administrative & General	40,148	40,853	39,332
Total Operating Expenses	**735,758**	**671,429**	**707,643**
Interest Expense			
Capital Outlay		5,000	
Debt Service			
Grand Total Expenses	**735,758**	**676,429**	**707,643**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

045 - BUDA WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WASTEWATER SERVICES:					
045-2415-10100:PLANT O & M EXPENSES	532,883.66	695,573	630,576	668,310	37,735
045-2415-10200:ADMINISTRATIVE & GENERAL	36,449.73	40,148	40,853	39,332	(1,521)
045-2415-10700:CREDIT INTEREST EARNINGS	(16.01)	(93)			
045-2415-30100:ADDS. TO PLANT AND EQUIP.			5,000		(5,000)
Total WASTEWATER SERVICES	**569,317.38**	**735,629**	**676,429**	**707,643**	**31,214**
MISCELLANEOUS INCOME:					
045-2440-19900:MISCELLANEOUS REVENUES	107.12	37			
Total MISCELLANEOUS INCOME	**107.12**	**37**			
INTEREST INCOME:					
045-2420-10000:INT ON OPERATING FUNDS	16.01	93	60		(60)
Total INTEREST INCOME	**16.01**	**93**	**60**		**(60)**
TOTAL OPERATING REVENUES	**569,440.51**	**735,758**	**676,489**	**707,643**	**31,154**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	3,648.98	5,341	6,685	10,394	3,710
SUPERVISION	15,118.93	3,791	17,486	10,860	(6,626)
OPERATING LABOR	65,368.46	85,263	99,627	97,935	(1,692)
MAINTENANCE LABOR	26,317.21	27,266			
Total SALARIES & WAGES	**110,453.58**	**121,660**	**123,798**	**119,189**	**(4,609)**
EMPLOYEE EXPENSES & BENEFITS:					
045-2512-20000:EMPLOYEES' TRAVEL	459.29	308	1,200	1,200	
045-2512-30000:EMPLOYEE BENEFITS	45,109.95	50,577	50,138	48,271	(1,866)
Total EMPLOYEE EXPENSES & BENEFITS	**45,569.24**	**50,885**	**51,338**	**49,471**	**(1,866)**
OPERATING SUPPLIES & SERVICES:					
045-2513-10000:TRUCK OPERATING EXPENSES	9,452.25	6,152	7,000	6,500	(500)
045-2513-17000:DUES AND MEMBERSHIPS	351.00	135	180	180	
045-2513-18000:PUBLICATIONS AND BOOKS			120	120	
045-2513-19000:SMALL TOOLS EXPENSE	393.72	1,057	600	600	
045-2513-20000:TRACTORS AND EQUIPMENT	400.16	66	800	2,600	1,800
045-2513-21000:UNIFORMS AND LAUNDRY	1,495.21	1,688	1,500	1,650	150

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

045 - BUDA WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
045-2513-22002:BIOSOLIDS DISPOSAL COSTS	63,489.76	71,657	77,000	80,620	3,620
045-2513-27000:TRAINING EXPENSES	703.05	1,210	1,300	1,300	
045-2513-29000:SAFETY & EMERG. EXPENSES	1,846.78	1,463	2,500	2,500	
045-2513-30000:POWER AND UTILITIES	107,892.04	106,663	115,000	130,000	15,000
045-2513-30100:AUXILLARY POWER EXPENSE	3,365.86	928	2,400	6,700	4,300
045-2513-40000:OPERATING CHEMICALS	2,018.97	951	2,200	1,200	(1,000)
045-2513-40100:CHLORINE	8,187.00	10,597	12,000	13,000	1,000
045-2513-40900:ALUM	40,524.83	40,326	42,000	43,000	1,000
045-2513-40902:POLYMER	13,918.00	6,858	15,000	15,000	
045-2513-41000:SODIUM BISULFATE	19,999.23	25,796	22,000	26,000	4,000
045-2513-50000:LAB SUPPLIES & EXPENSES	39,419.37	41,003	36,000	37,000	1,000
045-2513-60000:PROFESSIONAL FEES	5,692.00	4,505	6,600	6,600	
045-2513-65000:INSPECTION FEES	13,243.56	14,634	12,000	14,000	2,000
045-2513-70000:COMMUNICATIONS	5,215.44	6,520	4,800	5,200	400
045-2513-80000:OFFICE SUPPLIES & EXPENSES	1,225.80	1,618	1,200	1,200	
045-2513-80200:COMPUTER SUPPLIES & SERVICE	2,167.50	2,013	4,500	4,500	
045-2513-90000:INSURANCE EXPENSE	2,306.16	2,329	7,200	2,700	(4,500)
045-2513-99900:MISCELLANEOUS EXPENSES	1,593.21	152	600	600	
Total OPERATING SUPPLIES & SERVICES	**344,900.90**	**348,319**	**374,500**	**402,770**	**28,270**
MAINTENANCE & REPAIR					
MATERIAL:					
045-2520-20001:M&R/MAT- PUMPS	65.70	3,276	8,500	16,000	7,500
045-2520-20002:M&R/MAT- RAW STRUCTURE	1,460.00	4,419	2,500	2,800	300
045-2520-20003:M&R/MAT- METERS			850	850	
045-2520-20004:M&R/MAT- GATES/VALVES	1,368.32	915	6,000	16,000	10,000
045-2520-20005:M&R/MAT- INSTRUMENTS/ELECTRIC	6,495.93	31,833	5,000	6,000	1,000
045-2520-20006:M&R/MAT- DIGESTERS	167.82	1,058	240	1,500	1,260
045-2520-20007:M&R/MAT- THICKENER	296.72	250	240	240	
045-2520-20008:M&R/MAT- AERATION BASINS	18.46	529	480	480	
045-2520-20009:M&R/MAT- CLARIFIERS	1,907.39	1,068	3,000	4,500	1,500
045-2520-20010:M&R/MAT- CHEM FEED SYSTEMS	2,629.67	3,735	3,000	3,000	
045-2520-20012:M&R/MAT- BIOSOLIDS HANDLING	359.18	177	480		(480)
045-2520-20013:M&R/MAT- NON POT WTR SYSTEM	39.14	2,785	2,200	960	(1,240)
045-2520-20014:M&R/MAT- GROUNDSKEEPING	199.08	671	360	360	
045-2520-20015:M&R/MAT- TRUCKS	9.94	238	500		(500)
045-2520-20016:M&R/MAT- MOTORS	254.07	730	2,200	2,200	
045-2520-20017:M&R/MAT- BUILDING	206.45	240	600	600	
045-2520-20018:M&R/MAT- TOOLS & EQUIP.	127.65	622	2,200	2,200	
045-2520-20019:M&R/MAT- TRACTORS	96.21		1,200		(1,200)
045-2520-20020:M&R/MAT- FILTERS	6,023.03	474	350	250	(100)
045-2520-20021:M&R/MAT- AUX GENERATOR			400		(400)
045-2520-20099:M&R/MAT- OTHER	2.89		480	480	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

045 - BUDA WWTP

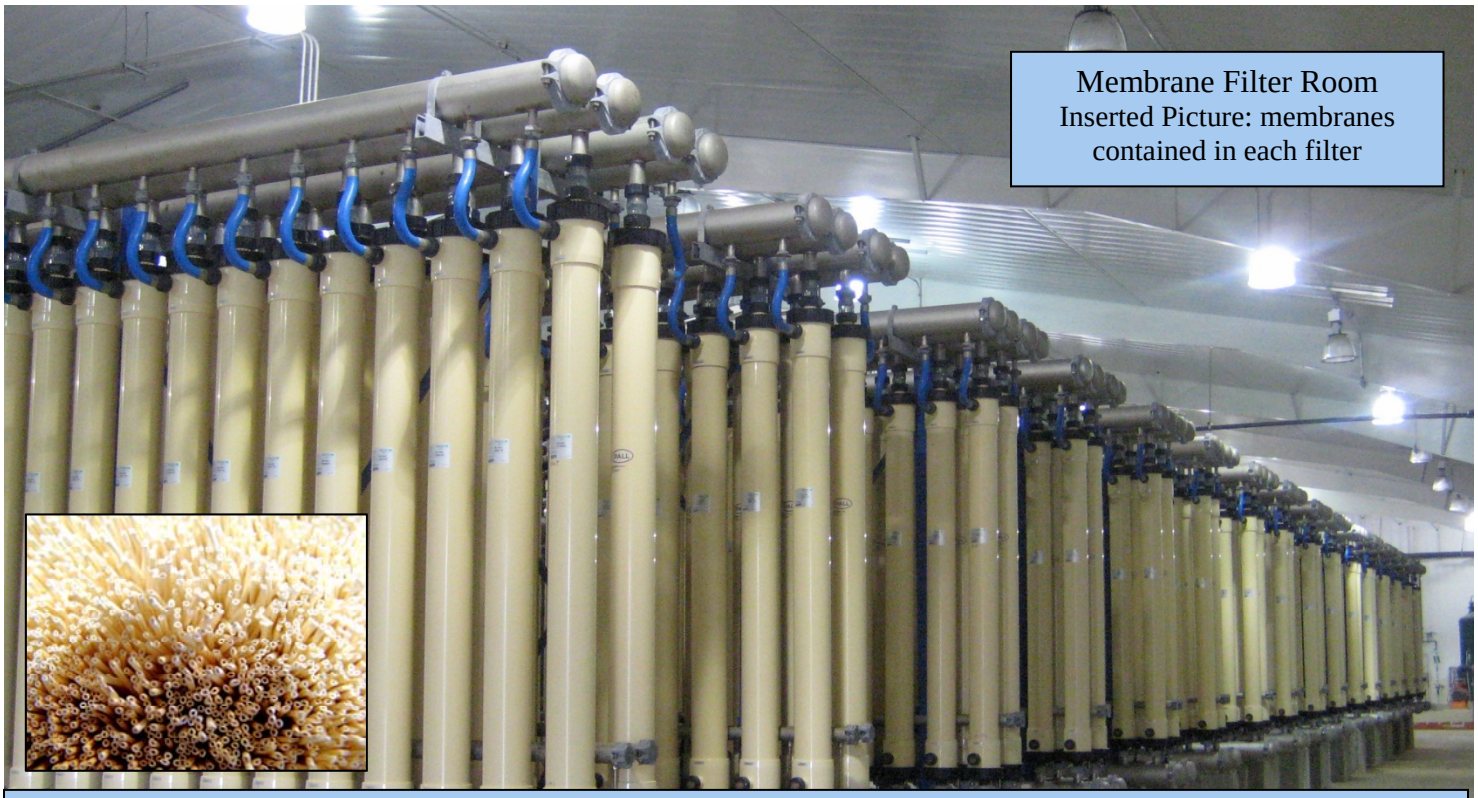
	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total MATERIAL	**21,727.65**	**53,019**	**40,780**	**58,420**	**17,640**
SERVICES:					
045-2520-30001:M&R/SER- PUMPS			3,000	4,500	1,500
045-2520-30002:M&R/SER- RAW STRUCTURE		2,895	1,300	3,800	2,500
045-2520-30003:M&R/SER- METERS			1,200	1,200	
045-2520-30004:M&R/SER- GATES/VALVES		5,953	3,200	3,800	600
045-2520-30005:M&R/SER- INSTRUMENTS/ELECTRIC	5,206.73	89,956	5,200	6,000	800
045-2520-30006:M&R/SER- DIGESTERS			1,500	2,500	1,000
045-2520-30007:M&R/SER- THICKENER		227	240	240	
045-2520-30008:M&R/SER- AERATION BASINS			240	480	240
045-2520-30009:M&R/SER- CLARIFIERS	122.40		1,000	1,000	
045-2520-30010:M&R/SER- CHEM FEED SYSTEMS	2,742.22	1,131	2,700	2,700	
045-2520-30012:M&R/SER- BIOSOLIDS HANDLING	1,100.00	1,173	2,640		(2,640)
045-2520-30013:M&R/SER- NON POT. WTR SYSTEM			2,500	960	(1,540)
045-2520-30014:M&R/SER- GROUNDSKEEPING	490.03	5,557	4,500	4,500	
045-2520-30015:M&R/SER- TRUCKS		47	500		(500)
045-2520-30016:M&R/SER- MOTORS		2,688	3,000	3,000	
045-2520-30017:M&R/SER- BUILDING			120	120	
045-2520-30018:M&R/SER- TOOLS & EQUIP.	286.89	4,526	2,400	2,400	
045-2520-30019:M&R/SER- TRACTORS		5,000	600		(600)
045-2520-30020:M&R/SER- FILTERS			300	300	
045-2520-30021:M&R/SER- AUX GENERATOR	325.00	1,355	3,300		(3,300)
045-2520-30030:M&R/SER- GEN. OFFICE BLDG	441.73	475	240	480	240
045-2520-30099:M&R/SER- OTHER	240.00	970	480	480	
Total SERVICES	**10,955.00**	**121,951**	**40,160**	**38,460**	**(1,700)**
CREDITS:					
045-2522-10000:EQUIPMENT USE CREDITS	(615.59)	(225)			
Total CREDITS	**(615.59)**	**(225)**			
ADMINISTRATIVE & GENERAL:					
045-2525-00000:A & G EXPENSES	36,449.73	40,148	40,853	39,332	(1,521)
Total ADMINISTRATIVE & GENERAL	**36,449.73**	**40,148**	**40,853**	**39,332**	**(1,521)**

PURCHASES OF FIXED ASSETS

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

045 - BUDA WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
LAND & LAND RIGHTS					
STRUCTURES & IMPROVEMENTS					
AUTO & HEAVY EQUIPMENT			5,000		(5,000)
OFFICE FURN & EQUIPMENT					
MISCELLANEOUS EQUIPMENT					
Total PURCHASES OF FIXED ASSETS			**5,000**		**(5,000)**
TOTAL OPERATING EXPENSES	**569,440.51**	**735,758**	**676,429**	**707,643**	**31,214**
NET OPERATING INCOME			**60**		**(60)**
TOTAL NON-REVENUE FUNDS RECEIVED					
TOTAL NON-OPERATING FUNDS APPLIED					
NET CHANGE IN FUND BALANCE			**60**		**(60)**



Western Canyon WTP

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

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

- Service Provided: Water treatment
- Location: Canyon Lake, TX
- Startup Operation Date: 2006
- Service Area: Comal & Kendall Co., TX
- Capacity: 10 mgd
- # of Current Employees: 11
- Budgeted Revenue: $4,238,120

Western Canyon Division
Western Canyon Water Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/18

BACKGROUND

The Western Canyon Water Treatment Plant System, which began sending treated water to customers on March 6, 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, 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 2018 is $1.074 per thousand gallons. Included within this rate is the continuation of a 3-4 year membrane replacement program due to the existing membranes starting to approach the end of their expected service lives.

CAPITAL ADDITIONS AND OPERATING EXPENSES

The principal operating expenditures budgeted for FY 2018 includes total power costs of $1,260,000. This includes the electrical power for the Western Canyon WTP, the raw water pump station, the Ammann Road booster pump station, and the Highway 3351 booster pump station. Chemical costs of $374,000, for chlorine use for disinfection, membrane cleaning chemicals like sodium hydroxide, citric acid and sodium hypochlorite, and the water treatment coagulant ACH. Also included is the sludge disposal cost of $150,000, and chemical cleaning (CIP) water disposal costs of $250,000.

In an effort to provide advanced training and maintain Texas Commission on Environmental Quality water licenses for all division employees, operating personnel will attend several Texas Engineering Extension Service courses including a hazardous materials course. Personnel will also attend the Texas Water Utilities Association training, as well as, attend electrical training classes throughout the year. In-house training programs will be held on first aid, CPR, hazard communications, and team training.

Capital additions include $50,000 for TTHM Analyzer and the purchase of a truck with a crane to assist with larger maintenance projects within the system.

The multi-year membrane replacement project for FY 2018 in the amount of $360,000 is budgeted in the Western Canyon Project Fund. Also included in the fund are amounts for the Disinfection Byproduct (TTHM) project expected to be funded through a future contract revenue bond issuance. The detail of this fund is included at the end of this section.

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 2018, the change in fund balance is expected to be approximately $128,410.

Staffing Summary

Western Canyon WTP	# of Authorized Positions (FTE)		
	2016	2017	2018
Electrical/Instrumentation Technician	1	1	1
Chief Operator	1	1	2
Operator	4	5	5
Distribution/Plant Operator	3	3	2
Maintenance Technician	---	---	1
Total	**9**	**10**	**11**

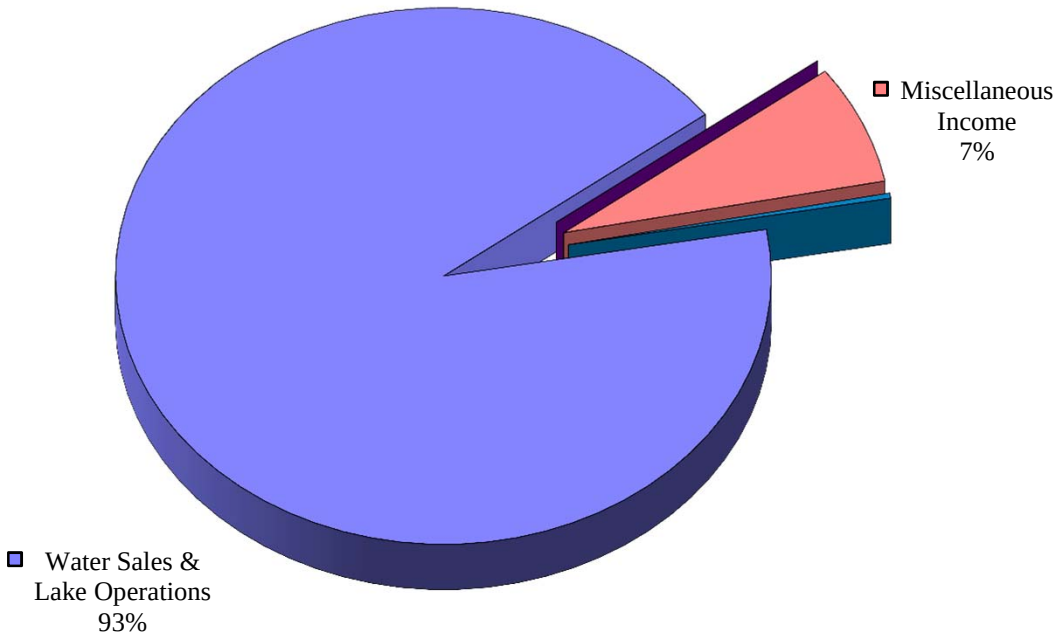
Changes from FY 2016 to FY 2017
1-Chief Operator position was added.
1-Operator position was added.
1-Distribution/Plant Operator was removed.

Changes from FY 2017 to FY 2018
1-Maintenance Technician position was added.

These employees are based in the Western Canyon WTP system and are shared between the Cordillera WDS, Cordillera WWTP, Comal Trace WDS, Johnson Ranch WDS, Johnson Ranch WWTP,

Budget Summary

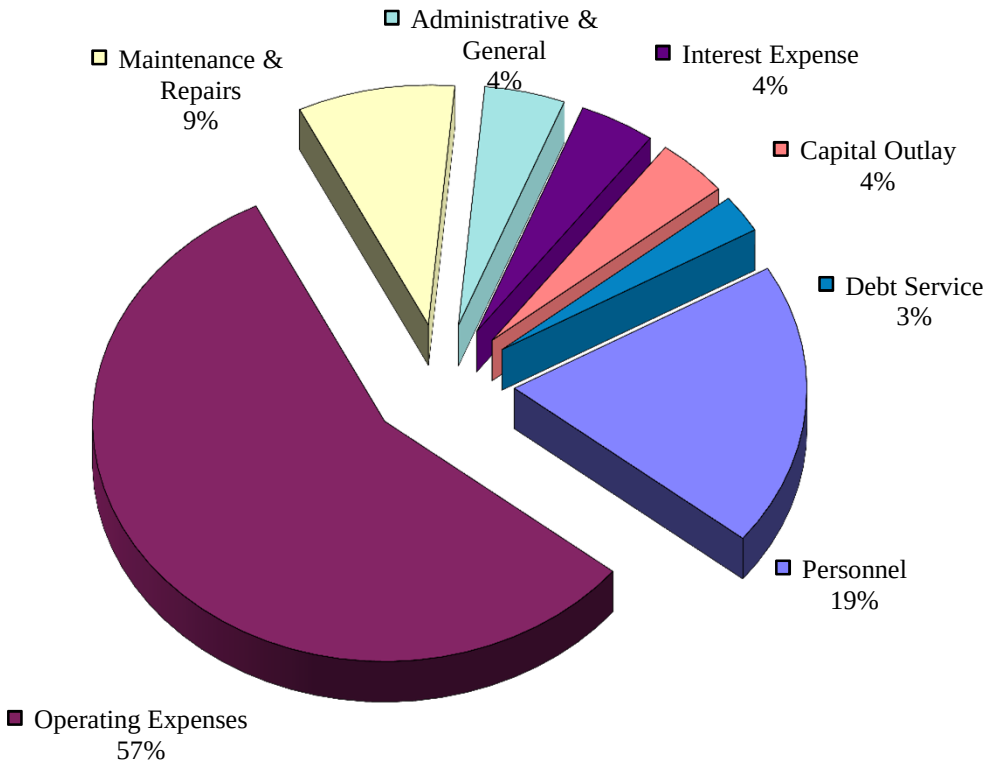
REVENUES - Western Canyon WTP



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	3,816,290	3,920,040	3,920,020
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	22,087		304,900
Total Operating Revenue	**3,838,377**	**3,920,040**	**4,224,920**
Interest Income	13,764	13,200	13,200
Grand Total Revenues	**3,852,141**	**3,933,240**	**4,238,120**

Budget Summary

EXPENSES - Western Canyon WTP



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	672,188	580,776	784,081
Operating Expenses	2,568,476	2,425,200	2,342,225
Maintenance & Repairs	242,535	332,500	358,000
Administrative & General	155,616	135,564	183,222
Total Operating Expenses	**3,638,815**	**3,474,040**	**3,667,528**
Interest Expense			172,626
Capital Outlay	387,158	621,000	165,000
Debt Service			104,556
Grand Total Expenses	**4,025,973**	**4,095,040**	**4,109,709**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

050 - WESTERN CANYON WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WATER SALES & LAKE OPERATIONS:					
050-2413-10200:W.C.-PLANT O&M	3,724,828.30	3,816,290	3,920,040	3,920,020	(20)
Total WATER SALES & LAKE OPERATIONS	**3,724,828.30**	**3,816,290**	**3,920,040**	**3,920,020**	**(20)**
MISCELLANEOUS INCOME:					
050-2440-19900:MISCELLANEOUS REVENUES	3,980.30	22,087			
Total MISCELLANEOUS INCOME	**3,980.30**	**22,087**			
INTEREST INCOME:					
050-2420-10000:INT ON OPERATING FUNDS	15,023.08	14,348	13,200	13,200	
050-2420-10001:FAIR VALUE CHG OF INVEST.	(6,537.94)	(584)			
Total INTEREST INCOME	**8,485.14**	**13,764**	**13,200**	**13,200**	
CAPITAL CHARGE INCOME:					
050-2480-15401:DEBT SERV REQ-TTHM-BOERNE				26,543	26,543
050-2480-15402:DEBT SERV REQ-TTHM-CLWSC				19,655	19,655
050-2480-15403:DEBT SERV REQ-TTHM-JOHNSON R				8,167	8,167
050-2480-15404:DEBT SERV REQ-TTHM-FAIR OAKS				26,461	26,461
050-2480-15405:DEBT SERV REQ-TTHM-KENDALL W				5,445	5,445
050-2480-15406:DEBT SERV REQ-TTHM-SAWS				197,804	197,804
050-2480-15407:DEBT SERV REQ-TTHM-LERIN HILLS				6,125	6,125
050-2480-15408:DEBT SERV REQ-TTHM-COMAL TRA				2,042	2,042
050-2480-15409:DEBT SERV REQ-TTHM-GBRA CORDI				11,570	11,570
050-2480-15410:DEBT SERV REQ-TTHM-COUSER				544	544
050-2480-15411:DEBT SERV REQ-TTHM-BREMER				544	544
Total CAPITAL CHARGE INCOME				**304,900**	**304,900**
TOTAL OPERATING REVENUES	**3,737,293.74**	**3,852,141**	**3,933,240**	**4,238,120**	**304,880**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	13,945.10	18,518	24,101	26,165	2,064
SUPERVISION	37,042.55	62,023	53,468	123,967	70,498
OPERATING LABOR	325,988.12	380,328	333,232	405,086	71,854

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

050 - WESTERN CANYON WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
MAINTENANCE LABOR	30,345.06	10,694			
Total SALARIES & WAGES	**407,320.83**	**471,563**	**410,801**	**555,218**	**144,416**
EMPLOYEE EXPENSES & BENEFITS:					
050-2512-20000:EMPLOYEES' TRAVEL	1,630.92	2,138	3,600	4,000	400
050-2512-30000:EMPLOYEE BENEFITS	171,039.94	198,486	166,374	224,863	58,489
Total EMPLOYEE EXPENSES & BENEFITS	**172,670.86**	**200,624**	**169,974**	**228,863**	**58,889**
OPERATING SUPPLIES & SERVICES:					
050-2513-10000:TRUCK OPERATING EXPENSES	26,249.35	32,399	23,000	29,000	6,000
050-2513-12002:EQUIPMENT RENTAL	1,650.00	6,818	3,000	3,000	
050-2513-16000:PUBLIC INFORMATION			500	500	
050-2513-17000:DUES AND MEMBERSHIPS	1,192.00	1,117	1,200	1,200	
050-2513-18000:PUBLICATIONS AND BOOKS		969	300	300	
050-2513-19000:SMALL TOOLS EXPENSE	12,992.85	10,609	13,500	10,500	(3,000)
050-2513-20000:TRACTORS AND EQUIPMENT	3,864.59	5,654	5,000	7,000	2,000
050-2513-21000:UNIFORMS AND LAUNDRY	6,830.95	5,509	4,500	4,500	
050-2513-22000:PROCESS/SPECIAL OPERATING		48	500	500	
050-2513-22002:BIOSOLIDS DISPOSAL COSTS	87,650.50	123,427	150,000	150,000	
050-2513-27000:TRAINING EXPENSES	3,321.04	5,644	7,000	7,000	
050-2513-29000:SAFETY & EMERG. EXPENSES	10,051.83	9,587	7,000	7,000	
050-2513-29200:SECURITY EXPENSE	1,019.90	2,520	3,000	6,000	3,000
050-2513-30000:POWER & UTILITIES-TREATED WTR	399,857.15	412,827	430,000	375,000	(55,000)
050-2513-30006:POWER & UTILITIES-RAW WATER	762,027.69	704,021	800,000	675,000	(125,000)
050-2513-30007:POWER & UTILITIES-AMMAN RD	162,719.79	165,415	160,000	200,000	40,000
050-2513-30008:POWER & UTILITIES-FM3351	8,757.98	10,236	10,000	10,000	
050-2513-30100:AUXILLARY POWER EXPENSE	1,338.00	649	4,000	3,000	(1,000)
050-2513-40100:CHLORINE	14,699.00	16,542	16,000	16,000	
050-2513-40900:ALUM/FERRIC/CITRIC ACID	282,597.65	358,770	285,000	300,000	15,000
050-2513-40902:POLYMER			5,000	8,000	3,000
050-2513-41000:SODIUM BISULFATE		327			
050-2513-41400:SODIUM HYDROXIDE	4,417.78	18,090	20,000	15,000	(5,000)
050-2513-41800:CAUSTIC	13,260.46	8,611			
050-2513-41900:SODIUM HYPOCHLORITE	28,922.41	63,476	30,000	35,000	5,000
050-2513-50000:LAB SUPPLIES & EXPENSES	71,224.48	61,586	50,000	60,000	10,000
050-2513-50600:C.I.P. DISPOSAL EXPENSES	2,887.65	404,329	105,000	250,000	145,000
050-2513-60000:PROFESSIONAL FEES	18,100.00	50,350	195,000	87,075	(107,925)
050-2513-61000:CONTRACT LABOR			20,000		(20,000)
050-2513-65000:INSPECTION FEES	100.00	105	1,500	1,500	
050-2513-70000:COMMUNICATIONS	8,367.94	17,649	8,000	10,000	2,000
050-2513-80000:OFFICE SUPPLIES & EXPENSES	12,966.66	14,496	7,000	10,000	3,000
050-2513-80200:COMPUTER SUPPLIES & SERVICE	3,399.08	8,366	10,000	13,000	3,000
050-2513-81500:BANK SERVICE FEES			1,000		(1,000)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

050 - WESTERN CANYON WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
050-2513-90000:INSURANCE EXPENSE	41,951.32	40,569	46,200	40,000	(6,200)
050-2513-99900:MISCELLANEOUS EXPENSES	5,949.28	7,761	3,000	7,150	4,150
Total OPERATING SUPPLIES & SERVICES	**1,998,367.33**	**2,568,476**	**2,425,200**	**2,342,225**	**(82,975)**
MAINTENANCE & REPAIR					
MATERIAL:					
050-2520-20001:M&R/MAT- GROUNDS	1,353.15	2,433	1,500	3,000	1,500
050-2520-20002:M&R/MAT- BUILDING	3,714.75	3,264	2,000	3,000	1,000
050-2520-20003:M&R/MAT- CHEM FEED SYSTEM	18,855.16	14,193	15,000	10,000	(5,000)
050-2520-20005:M&R/MAT- FILTERS	4,424.50	8,796	1,000		(1,000)
050-2520-20006:M&R/MAT- CLEARWELL		807	1,500	1,500	
050-2520-20007:M&R/MAT- H.S. PUMPSTATION	342.16	943	1,500	1,500	
050-2520-20008:M&R/MAT- PONDS & LAGOONS	1,813.73	4,709	3,000	3,000	
050-2520-20009:M&R/MAT- ELECTRICAL/INSTRUMNT	8,924.99	5,802	6,000	6,000	
050-2520-20010:M&R/MAT- COMPRESSED AIR SYSTE	266.50	309	4,500	4,500	
050-2520-20011:M&R/MAT- TRUCK	5,039.84	2,069			
050-2520-20012:M&R/MAT- TOOLS & EQUIPMENT	16,806.28	6,564			
050-2520-20014:M&R/MAT- ROADS		259	2,000	2,000	
050-2520-20015:M&R/MAT- H.S. METER			500	500	
050-2520-20023:M&R/MAT- SCADA	5,288.29	10,334	17,500	18,000	500
050-2520-20047:M&R/MAT- MEMBRANE SYSTEM	26,362.32	20,604	55,000	50,000	(5,000)
050-2520-20048:M&R/MAT- FLOC	1,445.96	1,536	1,500	1,500	
050-2520-20069:M&R/MAT- R.W. PUMP STATION	10,551.52	5,137	12,000	12,000	
050-2520-20079:M&R/MAT- T.W. PUMP STATION	6,919.98	1,641	8,000	6,000	(2,000)
050-2520-20088:M&R/MAT- R.W. TRANS. LINE			2,000	2,000	
050-2520-20089:M&R/MAT- T.W. TRANS. LINE	1,104.94	5,020	6,000	6,000	
050-2520-20099:M&R/MAT- OTHER		1,823	1,500	1,500	
Total MATERIAL	**113,214.07**	**96,244**	**142,000**	**132,000**	**(10,000)**
SERVICES:					
050-2520-30001:M&R/SER- GROUNDS	17,284.71	14,200	10,000	10,000	
050-2520-30002:M&R/SER- BUILDING	19,750.16	24,780	15,000	15,000	
050-2520-30003:M&R/SER- CHEM FEED SYSTEM	2,626.55	5,712	5,000	10,000	5,000
050-2520-30005:M&R/SER- FILTERS			500		(500)
050-2520-30006:M&R/SER- CLEARWELL		1,210	2,500	2,500	
050-2520-30007:M&R/SER- H.S. PUMPSTATION	680.90	5,717	5,000	5,000	
050-2520-30008:M&R/SER- PONDS & LAGOONS		4,267	2,500	2,500	
050-2520-30009:M&R/SER- ELECTRICAL/INSTRUMNT	5,613.29	2,573	35,000	61,000	26,000
050-2520-30010:M&R/SER- COMPRESSED AIR SYSTE	16,873.80	16,149	25,000	25,000	
050-2520-30011:M&R/SER- TRUCK	1,225.23				
050-2520-30012:M&R/SER- TOOLS & EQUIPMENT	248.16				
050-2520-30014:M&R/SER- ROADS			1,500	1,500	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

050 - WESTERN CANYON WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
050-2520-30015:M&R/SER- H.S. METER			500	500	
050-2520-30023:M&R/SER- SCADA	7,975.86	23,224	15,000	15,000	
050-2520-30047:M&R/SER- MEMBRANE SYSTEM	25,023.95	34,224	15,000	20,000	5,000
050-2520-30048:M&R/SER- FLOC			500	500	
050-2520-30069:M&R/SER- R.W. PUMP STATION	17,485.56	4,232	40,000	40,000	
050-2520-30079:M&R/SER- T.W. PUMP STATION	18,579.28	2,870	5,000	5,000	
050-2520-30088:M&R/SER- R.W. TRANS LINE		3,905	5,500	5,500	
050-2520-30089:M&R/SER- T.W. TRANS LINE		2,279	4,000	4,000	
050-2520-30099:M&R/SER- OTHER	8,710.60	949	3,000	3,000	
Total SERVICES	**142,078.05**	**146,292**	**190,500**	**226,000**	**35,500**
ADMINISTRATIVE & GENERAL:					
050-2525-00000:A & G EXPENSES	134,415.84	155,616	135,564	183,222	47,658
Total ADMINISTRATIVE & GENERAL	**134,415.84**	**155,616**	**135,564**	**183,222**	**47,658**
INTEREST EXPENSE:					
050-2540-15400:INT: TTHM				172,626	172,626
Total INTEREST EXPENSE				**172,626**	**172,626**
PURCHASES OF FIXED ASSETS					
STRUCTURES & IMPROVEMENTS					
SPECIALIZED OPER. EQUIPMENT					
AUTO & HEAVY EQUIPMENT	55,313.00	10,220	221,000	40,000	(181,000)
OFFICE FURN & EQUIPMENT			40,000	50,000	10,000
MISCELLANEOUS EQUIPMENT	372,378.00	376,938	360,000		(360,000)
Total PURCHASES OF FIXED ASSETS	**427,691.00**	**387,158**	**621,000**	**90,000**	**(531,000)**
WIP-OPERATING			**3,304,910**	**75,000**	**(3,229,910)**
TOTAL OPERATING EXPENSES	**3,395,757.98**	**4,025,973**	**7,399,950**	**4,005,153**	**(3,394,797)**
NET OPERATING INCOME	**341,535.76**	**(173,831)**	**(3,466,710)**	**232,966**	**3,699,676**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

050 - WESTERN CANYON WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
BOND PROCEEDS:					
050-1211-00001:BONDS RECIEVABLE			3,304,910		(3,304,910)
Total BOND PROCEEDS			**3,304,910**		**(3,304,910)**
BANK LOANS RECEIVED:					
050-1212-50001:NEW EQUIP LOAN REC.			175,000		(175,000)
Total BANK LOANS RECEIVED			**175,000**		**(175,000)**
TOTAL NON-REVENUE FUNDS RECEIVED			**3,479,910**		**(3,479,910)**
DEBT SERVICE PAYMENTS:					
050-1211-15402:BONDS PAID-TTHM				104,556	104,556
Total DEBT SERVICE PAYMENTS				**104,556**	**104,556**
TOTAL NON-OPERATING FUNDS APPLIED				**104,556**	**104,556**
NET CHANGE IN FUND BALANCE	**341,535.76**	**(173,831)**	**13,200**	**128,410**	**115,211**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

050 - WESTERN CANYON WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
WIP - OPERATING					
050-1114-50007:W.C. DBP REMOVAL-SERVICES			3,304,910		(3,304,910)
Total			**3,304,910**		**(3,304,910)**
050-1114-54007:WC SCADA UPGRADE-SERVICE				66,000	66,000
050-1114-54080:WC SCADA UPGRADE-MATERIALS				9,000	9,000
Total				**75,000**	**75,000**
TOTAL WIP - OPERATING			**3,304,910**	**75,000**	**(3,229,910)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

WESTERN CANYON WTP

	FY 2018 BUDGET
AUTO & HEAVY EQUIPMENT	
REPLACEMENT TRUCK WITH CRANE	40,000
Total AUTO & HEAVY EQUIPMENT	**40,000**
OFFICE FURN. & EQUIP.	
TTHM ANALYZER	50,000
Total OFFICE FURN. & EQUIP.	**50,000**
TOTAL CAPITAL ADDITIONS	**90,000**

Western Canyon Division
Western Canyon Project Fund

Project Description		FY 2018	
Projects Funded From Existing Sources			
Filter Module Replacement Program	$	360,000	
SH 46 Pipeline Relocation - Engineering		305,000	
Total	$	665,000	
Projects Funded From Other Sources			
Disinfection Byproducts Removal (TTHM) Phase I		3,500,000	Bond Issue
Disinfection Byproducts Removal (TTHM) Phase II		8,000,000	Bond Issue
Total	$	11,500,000	
Total Western Canyon Project Fund FY 2018	$	12,165,000	

Note: See Financial Summary section for total project information



Cordillera WDS

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

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

- Service Provided: Water distribution
- Location: Boerne, TX
- Startup Operation Date: 2006
- Service Area: Kendall Co., TX
- Capacity: 1.3 mgd
- Budgeted Revenue: $805,579

Western Canyon Division
Cordillera Ranch Subdivision Water System
Operating Plan for Fiscal Year Ending 8/31/18

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 $749,686 during FY 2018. This is an approximate 26.6% increase over FY 2017 budgeted due to an increase in the number of connections within the subdivision.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Operating expenses include $30,000 for electric cost of operating the pump stations, $15,000 for water meters, $1,500 for operating chemicals and $34,500 of material and services related to maintaining and repairing booster pumps, water wells and the distribution system. Capital additions for FY 2018 include a 12 inch valve at a cost of $10,000, water tank replacement at a cost of approximately $20,000, and water meters at a cost of $12,000.

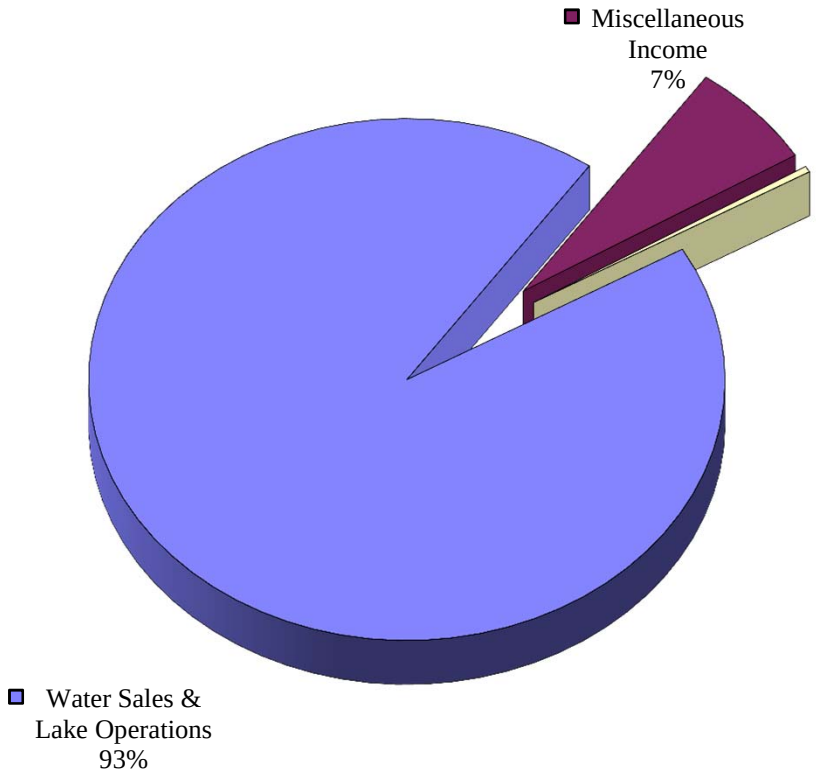
One additional area of significant cost is titled "Interdivision Water Purchases" totaling $410,972. This cost includes payments to other GBRA divisions for the storage, treatment, and transmission of water to the Cordillera Water System. This increase is similar to the above described revenue increase and is due to the increasing volume of water being delivered to the system and subsequently sold to customers.

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 $127,321 and thus an increase in fund balance of that same amount is anticipated.

Budget Summary

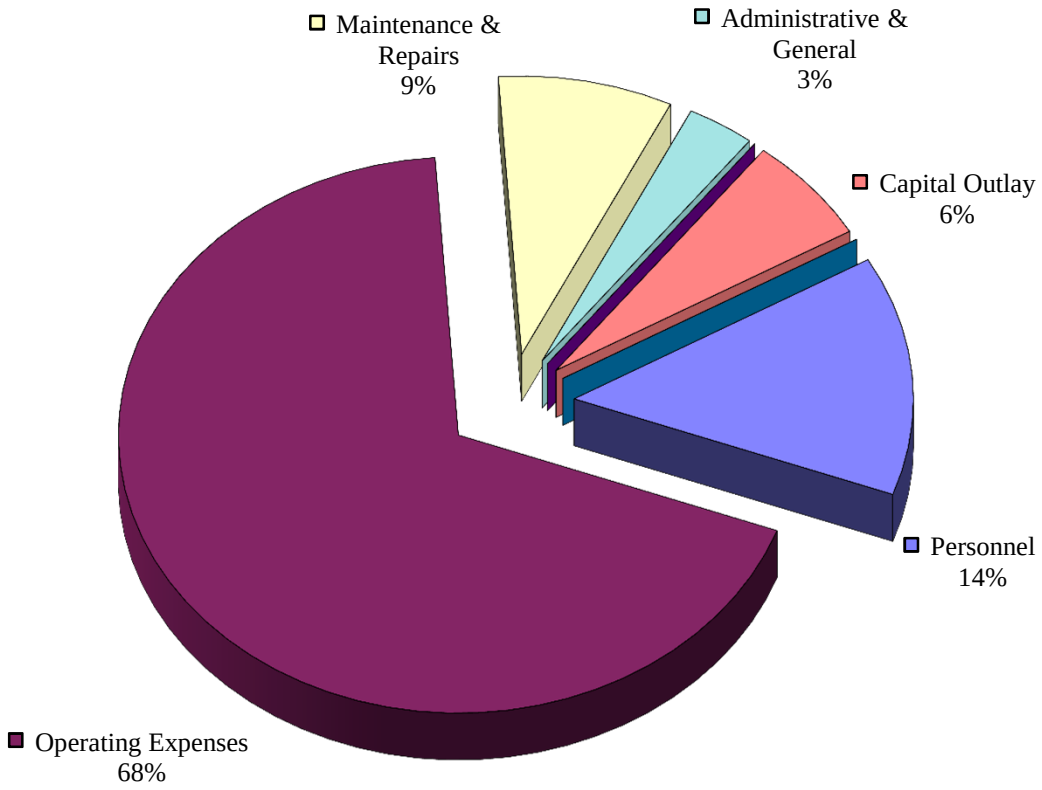
REVENUES -Cordillera WDS



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	747,827	592,144	749,686
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	29,745	30,002	52,893
Total Operating Revenue	**777,572**	**622,146**	**802,579**
Interest Income	1,967	1,440	3,000
Grand Total Revenues	**779,539**	**623,586**	**805,579**

Budget Summary

EXPENSES - Cordillera WDS



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	82,282	87,012	94,401
Operating Expenses	513,854	388,469	463,372
Maintenance & Repairs	28,466	59,650	56,500
Administrative & General	19,320	20,249	21,985
Total Operating Expenses	**643,923**	**555,380**	**636,258**
Interest Expense			
Capital Outlay		30,000	42,000
Debt Service			
Grand Total Expenses	**643,923**	**585,380**	**678,258**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

052 - CORDILLERA WDS

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WATER SALES & LAKE OPERATIONS:					
052-2413-10100:WATER SALES	531,504.11	688,053	544,144	734,807	190,663
052-2413-10200:WHOLESALE WATER SALES	40,868.19	59,774	48,000	14,879	(33,121)
Total WATER SALES & LAKE OPERATIONS	**572,372.30**	**747,827**	**592,144**	**749,686**	**157,542**
MISCELLANEOUS INCOME:					
052-2440-10100:WATER CONNECT/INSPECT FEE-CO	41,250.00	25,950	25,500	46,336	20,836
052-2440-19900:MISCELLANEOUS REVENUES	3,657.14	3,795	4,502	6,557	2,055
Total MISCELLANEOUS INCOME	**44,907.14**	**29,745**	**30,002**	**52,893**	**22,891**
INTEREST INCOME:					
052-2420-10000:INT ON OPERATING FUND	1,198.84	2,199	1,440	3,000	1,560
052-2420-10001:FAIR VALUE CHG OF INVEST.	(189.46)	(232)			
Total INTEREST INCOME	**1,009.38**	**1,967**	**1,440**	**3,000**	**1,560**
TOTAL OPERATING REVENUES	**618,288.82**	**779,539**	**623,586**	**805,579**	**181,993**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	13,935.07	28,113	17,833	8,133	(9,700)
SUPERVISION	34.32		2,060	2,656	597
OPERATING LABOR	38,570.69	29,031	41,468	55,831	14,363
MAINTENANCE LABOR	414.38	1,402			
Total SALARIES & WAGES	**52,954.46**	**58,546**	**61,361**	**66,620**	**5,259**
EMPLOYEE EXPENSES & BENEFITS:					
052-2512-20000:EMPLOYEES' TRAVEL	44.28	25	800	800	
052-2512-30000:EMPLOYEE BENEFITS	21,446.54	23,711	24,851	26,981	2,130
Total EMPLOYEE EXPENSES & BENEFITS	**21,490.82**	**23,736**	**25,651**	**27,781**	**2,130**
OPERATING SUPPLIES & SERVICES:					
052-2513-10000:TRUCK OPERATING EXPENSES	446.08	2,475	3,800	4,000	200
052-2513-12002:EQUIPMENT RENTAL			500		(500)
052-2513-16000:PUBLIC INFORMATION			500		(500)
052-2513-17000:DUES AND MEMBERSHIPS			100		(100)
052-2513-18000:PUBLICATIONS AND BOOKS			25		(25)
052-2513-19000:SMALL TOOLS EXPENSE	166.34	639	250	500	250

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

052 - CORDILLERA WDS

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
052-2513-20000:TRACTORS AND EQUIPMENT				500	500
052-2513-20400:WATER METERS	1,248.90	7,040			
052-2513-21000:UNIFORMS AND LAUNDRY		179	500		(500)
052-2513-22000:PROCESS/SPECIAL OPERATING		48			
052-2513-27000:TRAINING EXPENSES		76	200		(200)
052-2513-29000:SAFETY & EMERG. EXPENSES	500.00	41	350	500	150
052-2513-29200:SECURITY EXPENSE			100	2,000	1,900
052-2513-30000:POWER AND UTILITIES	25,274.58	30,658	35,000	30,000	(5,000)
052-2513-40100:CHLORINE	299.16	1,376	3,000	1,500	(1,500)
052-2513-50000:LAB SUPPLIES & EXPENSES	839.63	1,326	2,500	2,500	
052-2513-60000:PROFESSIONAL FEES	2,204.00	1,569	5,000	2,500	(2,500)
052-2513-64050:CORDILLERA PLANT EXPENSES	520.21	748	1,000		(1,000)
052-2513-65000:INSPECTION FEES	391.30	411	2,000	2,000	
052-2513-70000:COMMUNICATIONS	357.76	382	500		(500)
052-2513-80000:OFFICE SUPPLIES & EXPENSES	176.51	204	500	1,000	500
052-2513-80200:COMPUTER SUPPLIES & SERVICE	778.00	831	1,000	500	(500)
052-2513-90000:INSURANCE EXPENSE	3,893.84	2,272	2,700	2,400	(300)
052-2513-99900:MISCELLANEOUS EXPENSES	134.53	81,330	2,700	2,500	(200)
Total OPERATING SUPPLIES & SERVICES	**37,230.84**	**131,603**	**62,225**	**52,400**	**(9,825)**
MAINTENANCE & REPAIR					
MATERIAL:					
052-2520-20003:M&R MAT- CORDILLERA METERS		430	20,000	15,000	(5,000)
052-2520-20009:M&R/MAT- PUMPS AND MOTORS	15,338.21	1,159	5,500	5,500	
052-2520-20023:M&R/MAT- SCADA	9,994.72	1,214	1,000	1,000	
052-2520-20076:M&R/MAT- WATER SYSTEM	13,558.23	18,281	15,000	15,000	
052-2520-20077:M&R/MAT- WATER WELL	1,385.23	46	800	1,000	200
Total MATERIAL	**40,276.39**	**21,130**	**42,300**	**37,500**	**(4,800)**
SERVICES:					
052-2520-30003:M&R/SER- CORDILLERA METERS		507	350	1,000	650
052-2520-30009:M&R/SER- PUMPS AND MOTORS	3,532.31	612	2,000	2,000	
052-2520-30023:M&R/SER- SCADA	754.00	2,381	1,000	2,000	1,000
052-2520-30030:M&R SER- GEN. OFFICE BLDG			6,000	6,000	
052-2520-30076:M&R/SER- WATER SYSTEM	3,130.00	1,545	3,000	3,000	
052-2520-30077:M&R/SER- WATER WELL	405.75	2,292	5,000	5,000	
Total SERVICES	**7,822.06**	**7,336**	**17,350**	**19,000**	**1,650**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

052 - CORDILLERA WDS

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
ADMINISTRATIVE & GENERAL:					
052-2525-00000:A & G EXPENSES	17,474.98	19,320	20,249	21,985	1,735
Total ADMINISTRATIVE & GENERAL	**17,474.98**	**19,320**	**20,249**	**21,985**	**1,735**
WATER PURCHASES/DELIVERY:					
052-2526-00000:INTERDIVISION WATER PURCH	257,577.63	342,501	286,244	350,622	64,378
052-2526-10000:INTERDIV WATER PURCH-RAW	38,750.00	39,750	40,000	60,350	20,350
Total WATER PURCHASES/DELIVERY	**296,327.63**	**382,251**	**326,244**	**410,972**	**84,728**
PURCHASES OF FIXED ASSETS					
LAND & LAND RIGHTS					
STRUCTURES & IMPROVEMENTS			30,000	30,000	
SPECIALIZED OPER. EQUIPMENT				12,000	12,000
AUTO & HEAVY EQUIPMENT					
OFFICE FURN & EQUIPMENT					
MISCELLANEOUS EQUIPMENT					
Total PURCHASES OF FIXED ASSETS			**30,000**	**42,000**	**12,000**
TOTAL OPERATING EXPENSES	**473,577.18**	**643,923**	**585,380**	**678,258**	**92,878**
NET OPERATING INCOME	**144,711.64**	**135,617**	**38,206**	**127,321**	**89,115**
TOTAL NON-REVENUE FUNDS RECEIVED					
TOTAL NON-OPERATING FUNDS APPLIED					
NET CHANGE IN FUND BALANCE	**144,711.64**	**135,617**	**38,206**	**127,321**	**89,115**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

CORDILLERA WDS

	FY 2018 BUDGET
STRUCTURES & IMPROVEMENTS	
INSTALL-12 INCH VALVE-RIO CORDILLERA	10,000
INSTALL-UNIT 104 TANK REPLACEMENT	20,000
Total STRUCTURES & IMPROVEMENTS	**30,000**
WATER METERS & EQUIPMENT	
WATER METERS	12,000
Total WATER METERS & EQUIPMENT	**12,000**
TOTAL CAPITAL ADDITIONS	**42,000**



Cordillera WWTP

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 of a golf course. Solid wastes are trucked off-site for further treatment and disposal.

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

- Service Provided: Wastewater collection and treatme
- Location: Boerne, TX
- Startup Operation Date: 2006
- Service Area: Kendall Co., TX
- Capacity: 0.064 mgd
- Budgeted Revenue $356,795

Western Canyon Division
Cordillera Ranch Subdivision Sewer System
Operating Plan for Fiscal Year Ending 8/31/18

BACKGROUND

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

REVENUE SOURCES AND TRENDS

Revenues are obtained through connection fees and monthly sewer service fees. Total revenue projected for FY 2018 is $356,795 which is a 28.5% increase over the FY 2017 budget amount. The increase is primarily the result of additional customers being added to the system as the Cordillera development continues to build out.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Significant operating expenses for the ensuing fiscal year include $37,000 SCADA upgrade, $27,500 for biosolids disposal costs, $25,000 power and utilities costs, and $11,000 for laboratory expenses.

In an effort to provide advanced training and maintain Texas Commission on Environmental Quality licenses for all division employees, operating personnel will attend several Texas Engineering Extension Service courses including a hazardous materials course. In-house training programs will be held on first aid, CPR, hazard communications and team training.

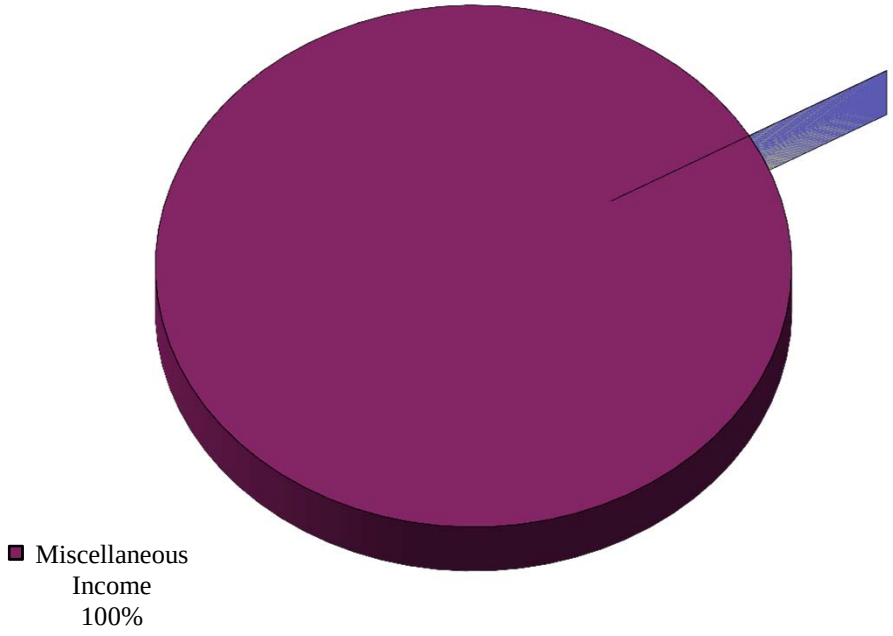
FUND BALANCE

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 an increase in fund balance of $5,365.

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Budget Summary

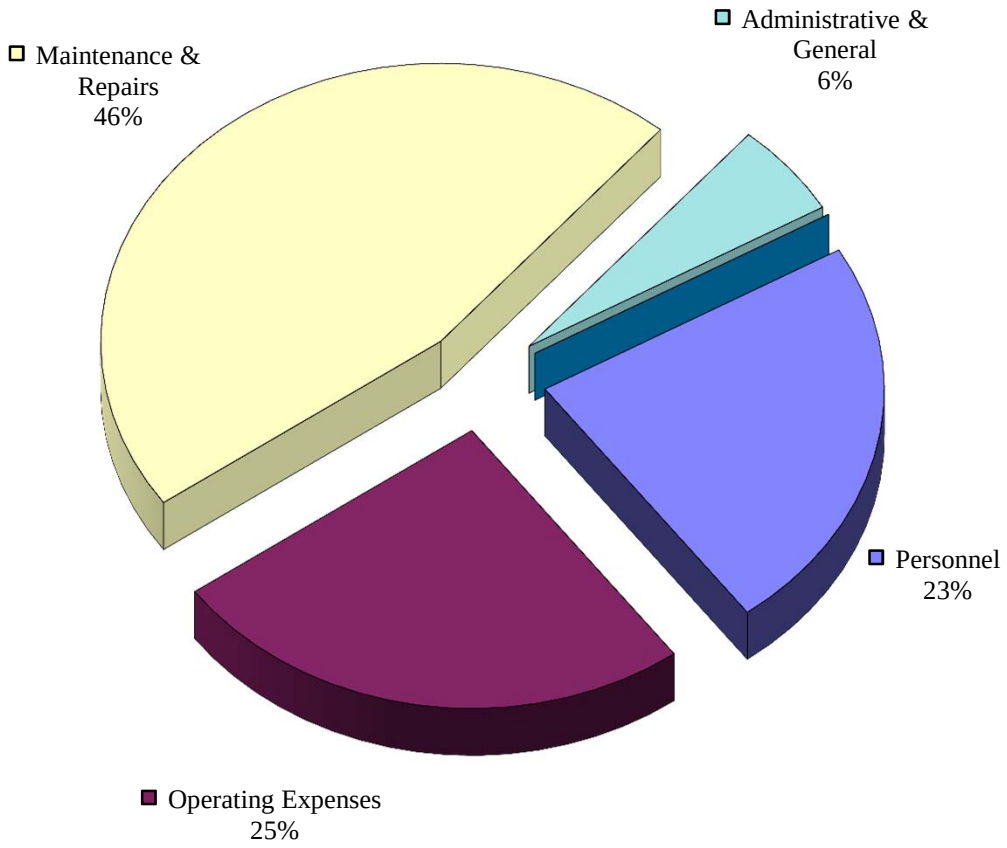
REVENUES -Cordillera WWTP



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services	187,198	185,558	252,000
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	107,313	92,000	104,795
Total Operating Revenue	**294,510**	**277,558**	**356,795**
Interest Income			
Grand Total Revenues	**294,510**	**277,558**	**356,795**

Budget Summary

EXPENSES - Cordillera WWTP



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	56,800	69,780	81,437
Operating Expenses	119,893	75,700	88,990
Maintenance & Repairs	121,398	95,000	161,875
Administrative & General	13,322	16,178	19,128
Total Operating Expenses	**311,413**	**256,658**	**351,430**
Interest Expense			
Capital Outlay		20,000	
Debt Service			
Grand Total Expenses	**311,413**	**276,658**	**351,430**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

053 - CORDILLERA WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WASTEWATER SERVICES:					
053-2415-10100:SEWER FEES-CORDILLERA	165,111.67	187,198	185,558	252,000	66,442
Total WASTEWATER SERVICES	**165,111.67**	**187,198**	**185,558**	**252,000**	**66,442**
MISCELLANEOUS INCOME:					
053-2440-10200:SEWER CONNECT/INSPECT FEE	152,700.00	104,625	92,000	74,625	(17,375)
053-2440-10500:SERVICE CALL INCOME				26,000	26,000
053-2440-19900:MISCELLANEOUS REVENUES	1,760.81	2,688		4,170	4,170
Total MISCELLANEOUS INCOME	**154,460.81**	**107,313**	**92,000**	**104,795**	**12,795**
TOTAL OPERATING REVENUES	**319,572.48**	**294,510**	**277,558**	**356,795**	**79,237**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	3,419.35	3,618	8,771	8,059	(712)
SUPERVISION			1,766	2,656	891
OPERATING LABOR	34,558.80	36,649	38,488	47,247	8,759
MAINTENANCE LABOR	217.38	103			
Total SALARIES & WAGES	**38,195.53**	**40,370**	**49,025**	**57,962**	**8,937**
EMPLOYEE EXPENSES & BENEFITS:					
053-2512-20000:EMPLOYEES' TRAVEL	150.77	80	900		(900)
053-2512-30000:EMPLOYEE BENEFITS	15,469.24	16,350	19,855	23,475	3,620
Total EMPLOYEE EXPENSES & BENEFITS	**15,620.01**	**16,430**	**20,755**	**23,475**	**2,720**
OPERATING SUPPLIES & SERVICES:					
053-2513-10000:TRUCK OPERATING EXPENSES		326	1,500	1,500	
053-2513-12002:EQUIPMENT RENTAL			1,000		(1,000)
053-2513-16000:PUBLIC INFORMATION			200		(200)
053-2513-17000:DUES AND MEMBERSHIPS			150		(150)
053-2513-18000:PUBLICATIONS AND BOOKS			50		(50)
053-2513-19000:SMALL TOOLS EXPENSE	587.78	423	300	200	(100)
053-2513-20000:TRACTORS AND EQUIPMENT			250	250	
053-2513-21000:UNIFORMS AND LAUNDRY		179	500	500	
053-2513-22000:PROCESS/SPECIAL OPERATING		48			
053-2513-22002:BIOSOLIDS DISPOSAL COSTS	30,131.92	18,274	15,000	27,500	12,500
053-2513-27000:TRAINING EXPENSES		76	300		(300)
053-2513-29000:SAFETY & EMERG. EXPENSES	326.16	1,240	500	1,000	500

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

053 - CORDILLERA WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
053-2513-29200:SECURITY EXPENSE			250		(250)
053-2513-30000:POWER AND UTILITIES	1,197.91	1,119	30,000	25,000	(5,000)
053-2513-30100:AUXILLARY POWER EXPENSE	4,764.15	3,735	4,000	5,000	1,000
053-2513-40000:OPERATING CHEMICALS	463.95		500		(500)
053-2513-40100:CHLORINE	618.24	774	900	900	
053-2513-50000:LAB SUPPLIES & EXPENSES	11,841.60	10,910	9,000	11,000	2,000
053-2513-60000:PROFESSIONAL FEES	1,404.00	1,340	1,300	2,000	700
053-2513-65000:INSPECTION FEES	1,250.00	1,250	1,500	2,000	500
053-2513-70000:COMMUNICATIONS	3,368.05	2,906	3,500	3,500	
053-2513-80000:OFFICE SUPPLIES & EXPENSES	606.14	96	500	500	
053-2513-80200:COMPUTER SUPPLIES & SERVICE	1,184.35	1,467	1,700	3,000	1,300
053-2513-90000:INSURANCE EXPENSE	2,195.16	2,426	2,300	2,500	200
053-2513-99900:MISCELLANEOUS EXPENSES	825.78	73,305	500	2,640	2,140
Total OPERATING SUPPLIES & SERVICES	**60,765.19**	**119,893**	**75,700**	**88,990**	**13,290**
MAINTENANCE & REPAIR					
MATERIAL:					
053-2520-20009:M&R/MAT- PUMPS AND MOTORS	1,344.00	1,573	4,500	4,500	
053-2520-20012:M&R/MAT- TOOLS & EQUIPMENT			500		(500)
053-2520-20017:M&R/MAT- WWTP BIOSOLIDS REMOV		118	500		(500)
053-2520-20023:M&R/MAT- WWTP SCADA	2,666.19	211	30,000	35,000	5,000
053-2520-20092:M&R/MAT- SEWER PUMP	121,878.24	105,950	30,000	51,375	21,375
053-2520-20093:M&R/MAT- SEWER LINE	1,748.80	827	2,000	2,000	
053-2520-20095:M&R/MAT- WWTP MAINT EXPENSES	13,179.24	8,174	4,000	45,000	41,000
Total MATERIAL	**140,816.47**	**116,853**	**71,500**	**137,875**	**66,375**
SERVICES:					
053-2520-30009:M&R/SER- PUMPS AND MOTORS	4,250.00	690	4,000	4,000	
053-2520-30012:M&R/SER- TOOLS & EQUIPMENT			500		(500)
053-2520-30017:M&R/SER- WWTP BIOSOLIDS REMOV			2,000		(2,000)
053-2520-30023:M&R/SER- WWTP SCADA		1,450	2,000	2,000	
053-2520-30030:M&R/SER- GEN. OFFICE BLDG			500		(500)
053-2520-30091:M&R/SER- SEWER TANK PUMPING			1,000	1,000	
053-2520-30092:M&R/SER- SEWER PUMP	4,445.11		8,000	10,000	2,000
053-2520-30093:M&R/SER- SEWER LINE		961	1,500	2,000	500
053-2520-30095:M&R/SER- WWTP MAINT EXPENSES	3,602.01	1,444	4,000	5,000	1,000
Total SERVICES	**12,297.12**	**4,545**	**23,500**	**24,000**	**500**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

053 - CORDILLERA WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
ADMINISTRATIVE & GENERAL:					
053-2525-00000:A & G EXPENSES	12,604.53	13,322	16,178	19,128	2,949
Total ADMINISTRATIVE & GENERAL	**12,604.53**	**13,322**	**16,178**	**19,128**	**2,949**
PURCHASES OF FIXED ASSETS					
LAND & LAND RIGHTS					
STRUCTURES & IMPROVEMENTS					
SPECIALIZED OPER. EQUIPMENT					
AUTO & HEAVY EQUIPMENT			20,000		(20,000)
OFFICE FURN & EQUIPMENT					
MISCELLANEOUS EQUIPMENT					
Total PURCHASES OF FIXED ASSETS			**20,000**		**(20,000)**
TOTAL OPERATING EXPENSES	**280,298.85**	**311,413**	**276,658**	**351,430**	**74,771**
NET OPERATING INCOME	**39,273.63**	**(16,903)**	**900**	**5,365**	**4,466**
TOTAL NON-REVENUE FUNDS RECEIVED					
TOTAL NON-OPERATING FUNDS APPLIED					
NET CHANGE IN FUND BALANCE	**39,273.63**	**(16,903)**	**900**	**5,365**	**4,466**



Comal Trace WDS

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

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

- Service Provided: Water distribution
- Location: Bulverde, TX
- Startup Operation Date: 2006
- Service Area: Comal Co., TX
- Capacity: 0.8 mgd
- Budgeted Revenue: $272,664

Western Canyon Division
Comal Trace Water Distribution System
Operating Plan for Fiscal Year Ending 8/31/18

BACKGROUND

GBRA purchased the Comal Trace Subdivision Water System in December of 2006. The Comal Trace Water System consists of 4 water wells and a pump station, and a storage tank. This groundwater system is supplemented with treated 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 $254,520 in FY 2018. This represents a $9,790 or 4% increase in revenues and reflects a higher water use within the subdivision than was previously budgeted.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Operating expenses include $85,000 for interdivisional water transfer costs from the Western Canyon Regional Water Supply Project. Additional significant costs include $81,150 for material and services related to maintaining and repairing the water wells and distribution system.

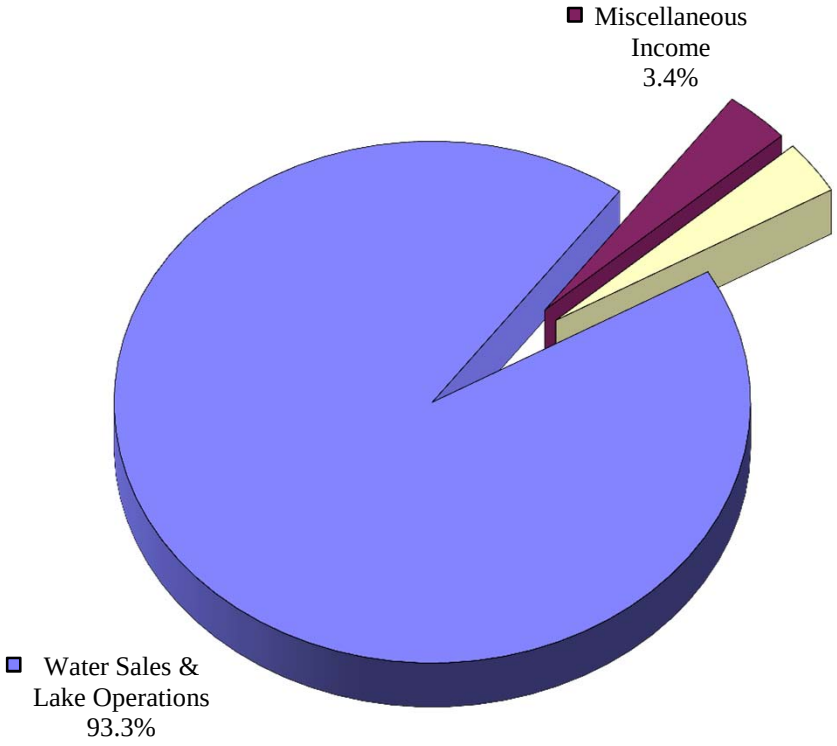
In an effort to provide advanced training and maintain Texas Commission on Environmental Quality water licenses for all division employees, operating personnel will attend several Texas Engineering Extension Service courses including a hazardous materials course. In-house training programs will be held on first aid, CPR, hazard communications and team training.

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 increase in fund balance expected during FY 2018 is $13,617.

Budget Summary

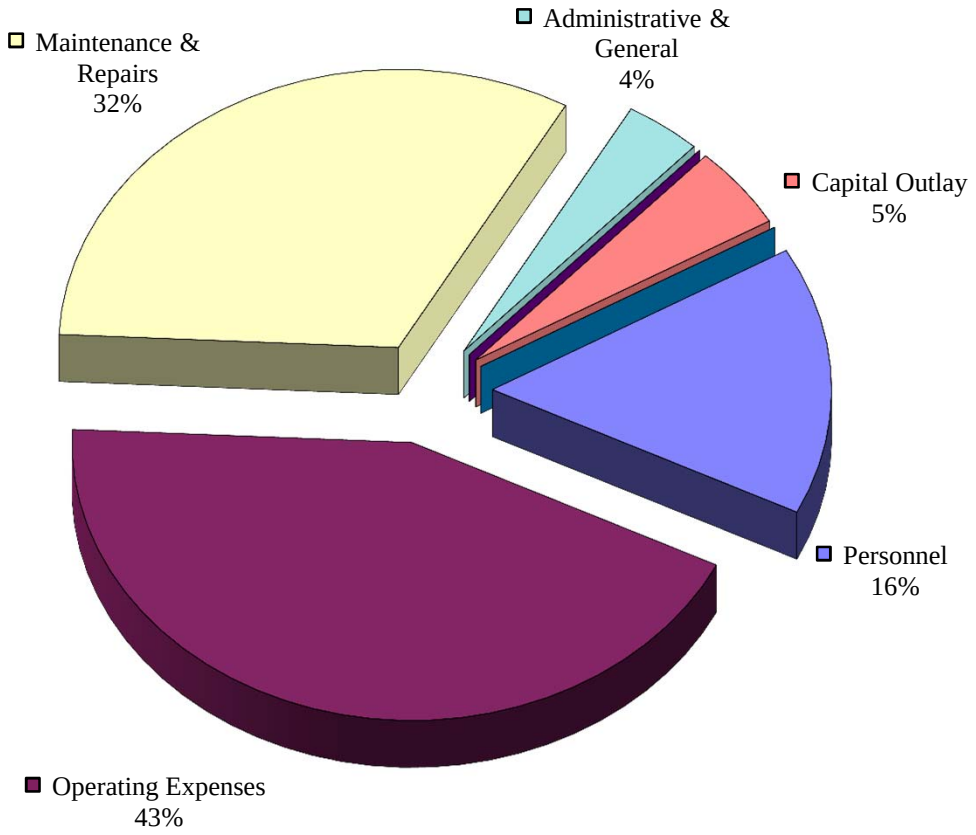
REVENUES -Comal Trace WDS



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	273,868	244,730	254,520
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	5,534	10,882	9,144
Total Operating Revenue	**279,402**	**255,612**	**263,664**
Interest Income	9,988	9,000	9,000
Grand Total Revenues	**289,390**	**264,612**	**272,664**

Budget Summary

EXPENSES - Comal Trace WDS



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	19,294	38,354	39,009
Operating Expenses	109,914	112,490	108,725
Maintenance & Repairs	30,634	45,150	81,150
Administrative & General	4,532	8,820	9,162
Total Operating Expenses	**164,374**	**204,814**	**238,047**
Interest Expense			
Capital Outlay		12,000	12,000
Debt Service			
Grand Total Expenses	**164,374**	**216,814**	**250,047**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

054 - COMAL TRACE WDS

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WATER SALES & LAKE OPERATIONS:					
054-2413-10100:WATER SALES	244,715.92	273,868	244,730	254,520	9,790
Total WATER SALES & LAKE OPERATIONS	**244,715.92**	**273,868**	**244,730**	**254,520**	**9,790**
MISCELLANEOUS INCOME:					
054-2440-10100:WATER CONNECT/INSPECT FEES	8,000.00	3,000	8,000	7,500	(500)
054-2440-19900:MISCELLANEOUS REVENUES	2,447.87	2,534	2,882	1,644	(1,238)
Total MISCELLANEOUS INCOME	**10,447.87**	**5,534**	**10,882**	**9,144**	**(1,738)**
INTEREST INCOME:					
054-2420-10000:INT ON OPERATING FUNDS	5,273.48	6,495	9,000	9,000	
054-2420-10001:FAIR VALUE CHG OF INVEST.	(1,052.39)	3,493			
Total INTEREST INCOME	**4,221.09**	**9,988**	**9,000**	**9,000**	
TOTAL OPERATING REVENUES	**259,384.88**	**289,390**	**264,612**	**272,664**	**8,052**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	4,808.08	5,404	8,980	7,480	(1,500)
SUPERVISION	34.32	36	2,207		(2,207)
OPERATING LABOR	8,258.96	8,190	15,542	20,284	4,743
MAINTENANCE LABOR	281.78	103			
Total SALARIES & WAGES	**13,383.14**	**13,733**	**26,729**	**27,765**	**1,036**
EMPLOYEE EXPENSES & BENEFITS:					
054-2512-20000:EMPLOYEES' TRAVEL	11.20		800		(800)
054-2512-30000:EMPLOYEE BENEFITS	5,420.15	5,562	10,825	11,245	419
Total EMPLOYEE EXPENSES & BENEFITS	**5,431.35**	**5,562**	**11,625**	**11,245**	**(381)**
OPERATING SUPPLIES & SERVICES:					
054-2513-10000:TRUCK OPERATING EXPENSES		147	500	1,500	1,000
054-2513-12002:EQUIPMENT RENTAL			500		(500)
054-2513-16000:PUBLIC INFORMATION			200		(200)
054-2513-17000:DUES AND MEMBERSHIPS			50		(50)
054-2513-18000:PUBLICATIONS AND BOOKS			50		(50)
054-2513-19000:SMALL TOOLS EXPENSE		131		100	100
054-2513-20000:TRACTORS AND EQUIPMENT			100	200	100

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

054 - COMAL TRACE WDS

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
054-2513-20400:WATER METERS	4,730.00	6,435			
054-2513-21000:UNIFORMS AND LAUNDRY		179	500	500	
054-2513-23000:BAD DEBT EXPENSE	140.62				
054-2513-27000:TRAINING EXPENSES			100		(100)
054-2513-29000:SAFETY & EMERG. EXPENSES	153.15	141	400	650	250
054-2513-29200:SECURITY EXPENSE			250		(250)
054-2513-30000:POWER AND UTILITIES	8,603.15	8,673	10,000	10,000	
054-2513-40100:CHLORINE	234.33		450	300	(150)
054-2513-50000:LAB SUPPLIES & EXPENSES	1,484.50	1,443	2,500	1,500	(1,000)
054-2513-60000:PROFESSIONAL FEES		291	4,000	1,500	(2,500)
054-2513-65000:INSPECTION FEES	440.75	526	850	1,000	150
054-2513-70000:COMMUNICATIONS	889.60	1,097	700	1,000	300
054-2513-80000:OFFICE SUPPLIES & EXPENSES	248.72	166	400	400	
054-2513-80200:COMPUTER SUPPLIES & SERVICES	778.00	831	700	1,800	1,100
054-2513-90000:INSURANCE EXPENSE	1,537.50	1,067	2,300	900	(1,400)
054-2513-99900:MISCELLANEOUS EXPENSES	205.63	249	500	2,375	1,875
Total OPERATING SUPPLIES & SERVICES	**19,445.95**	**21,377**	**25,050**	**23,725**	**(1,325)**
MAINTENANCE & REPAIR					
MATERIAL:					
054-2520-20006:M&R/MAT- PUMPS		6,869	3,000	4,500	1,500
054-2520-20013:M&R/MAT- EQUIPMENT	42.41	288	1,400	1,400	
054-2520-20015:M&R/MAT- METERS	1,270.00	10,320	8,000	10,000	2,000
054-2520-20026:M&R/MAT- WELLS	3,156.59		3,000	3,000	
054-2520-20094:M&R/MAT- DISTRIBUTION SYSTEM	4,709.78	6,735	9,000	2,000	(7,000)
054-2520-20099:M&R/MAT- OTHER		210	1,000	1,000	
Total MATERIAL	**9,178.78**	**24,423**	**25,400**	**21,900**	**(3,500)**
SERVICES:					
054-2520-30006:M&R/SER- PUMPS	395.22	1,940	1,000	1,000	
054-2520-30013:M&R/SER- EQUIPMENT	375.00		750	750	
054-2520-30015:M&R/SER- METERS		507	500	500	
054-2520-30026:M&R/SER- WELLS	381.20	486	10,000	10,000	
054-2520-30030:M&R/SER- GEN. OFFICE BLDG			1,000		(1,000)
054-2520-30094:M&R/SER- DISTRIBUTION SYSTEM		3,278	4,000	44,000	40,000
054-2520-30099:M&R/SER- OTHER			2,500	3,000	500
Total SERVICES	**1,151.42**	**6,211**	**19,750**	**59,250**	**39,500**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

054 - COMAL TRACE WDS

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
ADMINISTRATIVE & GENERAL:					
054-2525-00000:A & G EXPENSES	4,416.43	4,532	8,820	9,162	342
Total ADMINISTRATIVE & GENERAL	**4,416.43**	**4,532**	**8,820**	**9,162**	**342**
WATER PURCHASES/DELIVERY:					
054-2526-00000:INTERDIVISION WATER PURCH	75,861.93	88,537	87,440	85,000	(2,440)
Total WATER PURCHASES/DELIVERY	**75,861.93**	**88,537**	**87,440**	**85,000**	**(2,440)**
PURCHASES OF FIXED ASSETS					
LAND & LAND RIGHTS					
STRUCTURES & IMPROVEMENTS					
AUTO & HEAVY EQUIPMENT			12,000	12,000	
OFFICE FURN & EQUIPMENT					
Total PURCHASES OF FIXED ASSETS			**12,000**	**12,000**	
TOTAL OPERATING EXPENSES	**128,869.00**	**164,374**	**216,814**	**250,047**	**33,232**
NET OPERATING INCOME	**130,515.88**	**125,016**	**47,798**	**22,617**	**(25,180)**
TOTAL NON-REVENUE FUNDS RECEIVED					
TOTAL NON-OPERATING FUNDS APPLIED					
NET CHANGE IN FUND BALANCE	**130,515.88**	**125,016**	**47,798**	**22,617**	**(25,180)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

COMAL TRACE WDS

	FY 2018 BUDGET
AUTO & HEAVY EQUIPMENT	
PRESSURE REDUCING VALVES	12,000
Total AUTO & HEAVY EQUIPMENT	**12,000**
TOTAL CAPITAL ADDITIONS	**12,000**



Johnson Ranch WDS

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

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

- Service Provided: Water distribution
- Location: Bulverde, TX
- Startup Operation Date: 2006
- Service Area: Comal Co., TX
- Capacity: 0.8mgd
- Budgeted Revenue: $384,932

Western Canyon Division
Johnson Ranch Water Distribution System
Operating Plan for Fiscal Year Ending 8/31/18

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 900 residential homes sometime in the future. The system also provides potable water to a Comal I.S.D. elementary school located within the subdivision's boundaries. The system includes two water storage tanks and booster stations. Each tank has a storage capacity of approximately 250,000 gallons. Considerable residential construction is underway within the development and increased water deliveries should occur in FY 2018.

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 approximately $384,932 during FY 2018.

CAPITAL ADDITIONS AND OPERATING EXPENSES

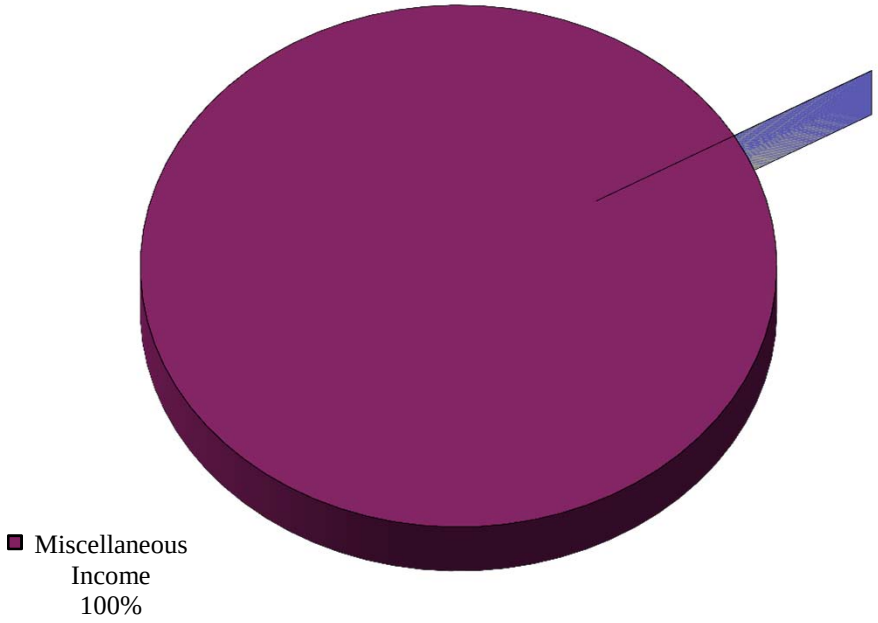
Operating expenses include $195,895 for interdivisional water purchases and delivery from the Western Canyon Regional Water Supply Project. Another substantive operating cost is $39,000 for material and services related to maintaining and repairing the system. There is no capital additions planned for 2018.

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 $0.

Budget Summary

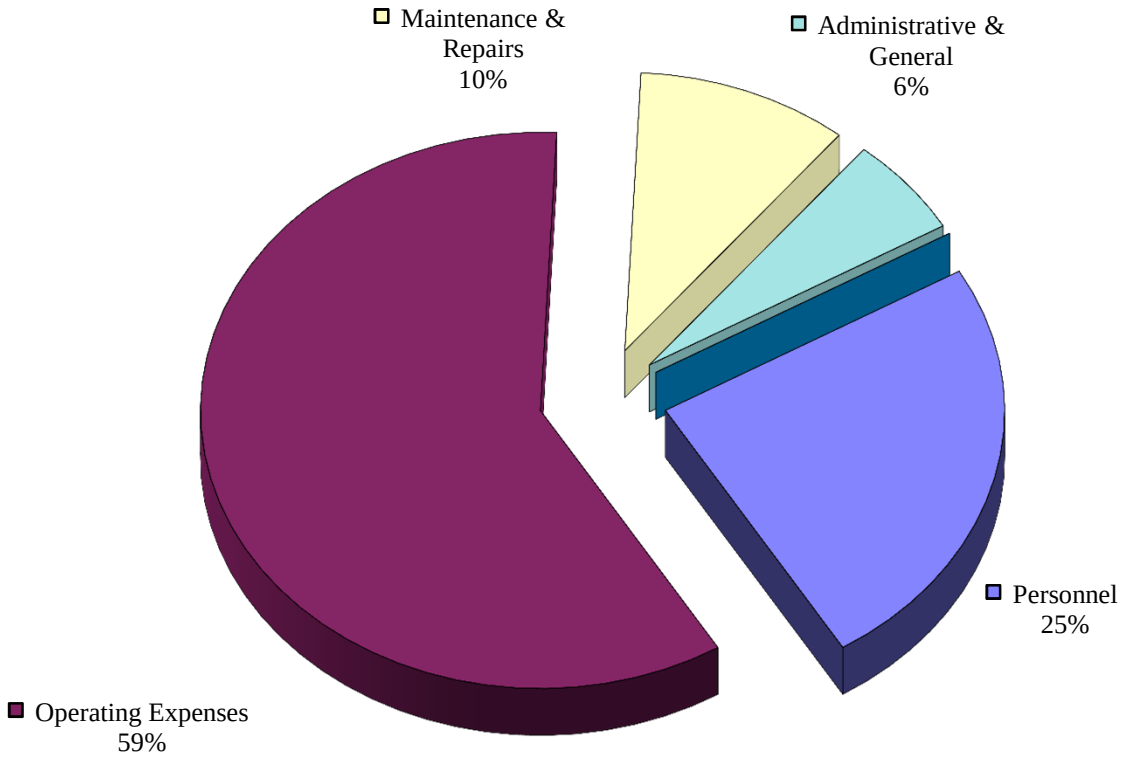
REVENUES -Johnson Ranch WDS



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	384,377	283,092	
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	(43,569)	89,104	384,932
Total Operating Revenue	**340,809**	**372,196**	**384,932**
Interest Income			
Grand Total Revenues	**340,809**	**372,196**	**384,932**

Budget Summary

EXPENSES - Johnson Ranch WDS



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	101,344	124,347	94,614
Operating Expenses	208,646	158,493	229,095
Maintenance & Repairs	7,015	37,100	39,000
Administrative & General	23,803	29,018	22,223
Total Operating Expenses	**340,809**	**348,958**	**384,932**
Interest Expense			
Capital Outlay			
Debt Service			
Grand Total Expenses	**340,809**	**348,958**	**384,932**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

055 - JOHNSON RANCH WDS

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WATER SALES & LAKE OPERATIONS:					
055-2413-10100:WATER SALES	186,685.03	338,863	266,436		(266,436)
055-2413-10200:WHOLESALE WATER SALES	8,214.50	45,515	16,656		(16,656)
Total WATER SALES & LAKE OPERATIONS	**194,899.53**	**384,377**	**283,092**		**(283,092)**
MISCELLANEOUS INCOME:					
055-2440-10100:WATER CONNECT/INSPECT FEE	249,350.00	111,600	76,800	48,000	(28,800)
055-2440-18000:CHARGES TO DEVELOPERS	(116,412.44)	(170,114)		324,932	324,932
055-2440-19900:MISCELLANEOUS REVENUES	8,349.37	14,945	12,304	12,000	(304)
Total MISCELLANEOUS INCOME	**141,286.93**	**(43,569)**	**89,104**	**384,932**	**295,828**
TOTAL OPERATING REVENUES	**336,186.46**	**340,809**	**372,196**	**384,932**	**12,736**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	63,618.63	58,935	48,121	7,153	(40,968)
SUPERVISION	34.32		1,177	2,656	1,479
OPERATING LABOR	18,048.00	13,196	38,635	57,531	18,896
Total SALARIES & WAGES	**81,700.95**	**72,131**	**87,934**	**67,341**	**(20,593)**
EMPLOYEE EXPENSES & BENEFITS:					
055-2512-20000:EMPLOYEES' TRAVEL			800		(800)
055-2512-30000:EMPLOYEE BENEFITS	33,088.95	29,213	35,613	27,273	(8,340)
Total EMPLOYEE EXPENSES & BENEFITS	**33,088.95**	**29,213**	**36,413**	**27,273**	**(9,140)**
OPERATING SUPPLIES & SERVICES:					
055-2513-10000:TRUCK OPERATING EXPENSES	3,614.20	2,705	3,800	4,000	200
055-2513-12002:EQUIPMENT RENTAL			500		(500)
055-2513-16000:PUBLIC INFORMATION			500		(500)
055-2513-17000:DUES AND MEMBERSHIPS			100		(100)
055-2513-18000:PUBLICATIONS AND BOOKS			25		(25)
055-2513-19000:SMALL TOOLS EXPENSE	268.30	1,087	250		(250)
055-2513-20000:TRACTORS AND EQUIPMENT			250	1,000	750
055-2513-20400:WATER METERS	32,270.70	27,796			
055-2513-21000:UNIFORMS AND LAUNDRY		179	500	500	
055-2513-22000:PROCESS/SPECIAL OPERATING		48			
055-2513-27000:TRAINING EXPENSES		76	300		(300)
055-2513-29000:SAFETY & EMERG. EXPENSES	1,313.48	274	200	500	300

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

055 - JOHNSON RANCH WDS

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
055-2513-29200:SECURITY EXPENSE			500	500	
055-2513-30000:POWER AND UTILITIES	303.83	500	5,000	1,000	(4,000)
055-2513-30100:AUXILIARY POWER EXPENSE		199	2,000	2,000	
055-2513-40000:OPERATING CHEMICALS		755	500	500	
055-2513-40100:CHLORINE	169.50	339	800	1,000	200
055-2513-40900:ALUM/FERRIC/CITRIC ACID			600	1,000	400
055-2513-50000:LAB SUPPLIES & EXPENSES	382.00	2,540	3,500	4,000	500
055-2513-60000:PROFESSIONAL FEES	26,960.84	14,016	4,000	10,000	6,000
055-2513-65000:INSPECTION FEES	100.00	456	850	1,000	150
055-2513-70000:COMMUNICATIONS	357.76	382	600	1,000	400
055-2513-80000:OFFICE SUPPLIES & EXPENSES	188.36	231	200	1,000	800
055-2513-80200:COMPUTER SUPPLIES & SERVICE	528.00	581	350	1,000	650
055-2513-90000:INSURANCE EXPENSE	1,502.66	1,062	2,300	900	(1,400)
055-2513-99900:MISCELLANEOUS EXPENSES	341.09	433	500	2,300	1,800
Total OPERATING SUPPLIES & SERVICES	**68,300.72**	**53,657**	**28,125**	**33,200**	**5,075**
MAINTENANCE & REPAIR					
MATERIAL:					
055-2520-20003:M&R MAT- METERS	20,879.78	195	10,000	10,000	
055-2520-20009:M&R/MAT- PUMPS AND MOTORS	462.50		1,000	2,000	1,000
055-2520-20023:M&R/MAT- SCADA		211	500	1,000	500
055-2520-20076:M&R/MAT- WATER SYSTEM	7,172.97	2,911	10,000	10,000	
055-2520-20094:M&R/MAT- DISTRIBUTION SYSTEM	10,881.77	1,601	10,000	10,000	
055-2520-20099:M&R/MAT- OTHER			500		(500)
Total MATERIAL	**39,397.02**	**4,918**	**32,000**	**33,000**	**1,000**
SERVICES:					
055-2520-30003:M&R/SER- METERS	200.00	507	600	1,000	400
055-2520-30009:M&R/SER- PUMPS AND MOTORS			1,000	2,000	1,000
055-2520-30023:M&R/SER- SCADA		500	500	1,000	500
055-2520-30030:M&R SER- GEN. OFFICE BLDG			500		(500)
055-2520-30076:M&R/SER- WATER SYSTEM		1,090	1,000	1,000	
055-2520-30094:M&R/SER- DISTRIBUTION SYSTEM			1,000	1,000	
055-2520-30099:M&R/SER- OTHER			500		(500)
Total SERVICES	**200.00**	**2,097**	**5,100**	**6,000**	**900**
ADMINISTRATIVE & GENERAL:					
055-2525-00000:A & G EXPENSES	26,961.32	23,803	29,018	22,223	(6,796)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

055 - JOHNSON RANCH WDS

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total ADMINISTRATIVE & GENERAL	**26,961.32**	**23,803**	**29,018**	**22,223**	**(6,796)**
WATER PURCHASES/DELIVERY:					
055-2526-00000:INTERDIVISION WATER PURCH	74,620.10	133,380	111,816	163,595	51,779
055-2526-10000:INTERDIV WATER PURCH-RAW	11,917.40	21,609	18,552	32,300	13,748
Total WATER PURCHASES/DELIVERY	**86,537.50**	**154,989**	**130,368**	**195,895**	**65,527**
PURCHASES OF FIXED ASSETS					
LAND & LAND RIGHTS					
STRUCTURES & IMPROVEMENTS					
SPECIALIZED OPER. EQUIPMENT					
AUTO & HEAVY EQUIPMENT					
OFFICE FURN & EQUIPMENT					
MISCELLANEOUS EQUIPMENT					
Total PURCHASES OF FIXED ASSETS					
TOTAL OPERATING EXPENSES	**336,186.46**	**340,809**	**348,958**	**384,932**	**35,974**
NET OPERATING INCOME			**23,238**	**0**	**(23,238)**
TOTAL NON-REVENUE FUNDS RECEIVED					
TOTAL NON-OPERATING FUNDS APPLIED					
NET CHANGE IN FUND BALANCE			**23,238**	**0**	**(23,238)**



Johnson Ranch WWTP

Located in Comal County near Bulverde, the Johnson Ranch wastewater system began in October 2015 and consists of a collection system and wastewater treatment plant. 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.

- Service Provided: Wastewater collection and treatme
- Location: Bulverde, TX
- Startup Operation Date: 2015
- Service Area: Comal Co., TX
- Capacity: 0.115mgd
- Budgeted Revenue: $293,844

Western Canyon Division
Johnson Ranch Wastewater Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/18

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 900 homes.

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 $293,844 during FY 2018 which is 63% or $113,442 more than the FY 2017 service fee budget. This significant increase is the result of the rapid development taking place within the Johnson Ranch System. An additional $23,967 from sewer connection and inspection fees, and $458 from miscellaneous revenues are also budgeted for FY 2018.

CAPITAL ADDITIONS AND OPERATING EXPENSES

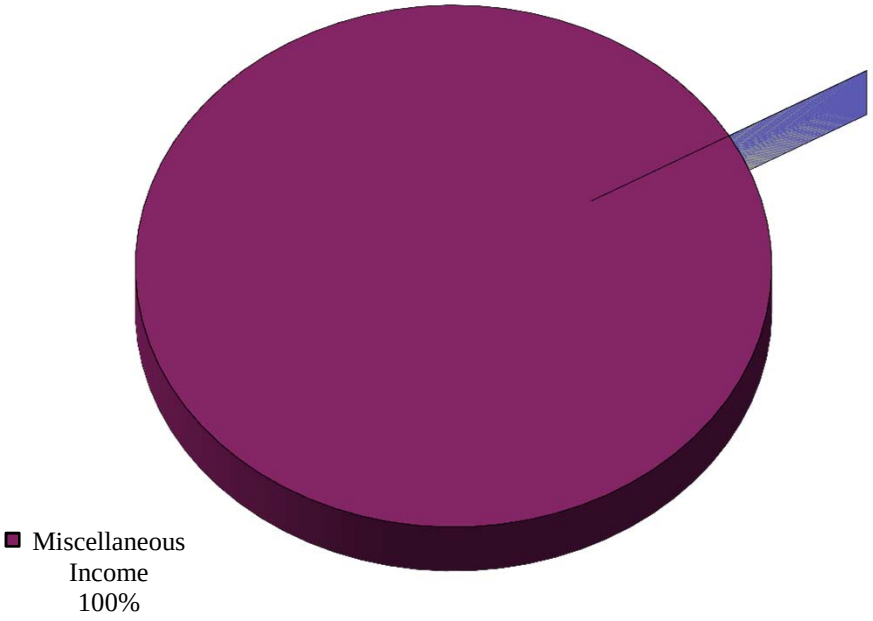
The principal operating expenses for FY 2018 are personnel costs in the amount of $113,913. Other significant operating costs include $15,000 for lab supplies and $61,000 for bio-solids disposal. These costs represent the testing of the treated wastewater and removal of sludge from the plant. There are no capital improvement expenses planned for FY 2018.

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 $1.

Budget Summary

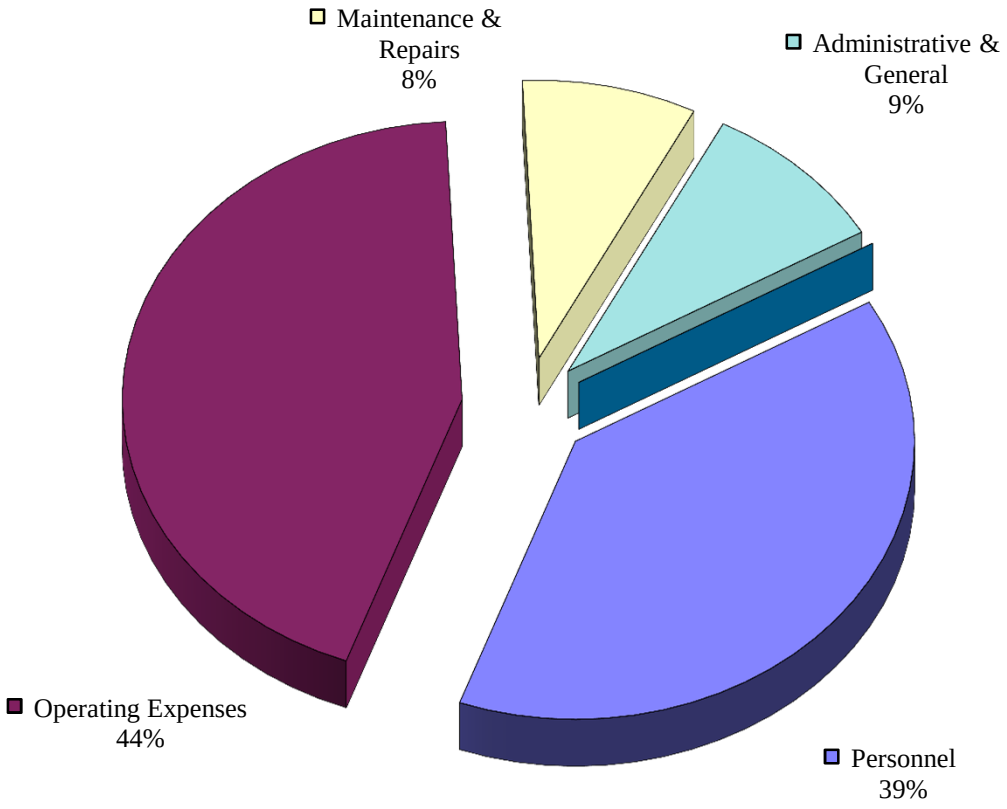
REVENUES -Johnson Ranch WWTP



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services	128,769	121,327	
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	123,831	59,075	293,844
Total Operating Revenue	**252,600**	**180,402**	**293,844**
Interest Income			
Grand Total Revenues	**252,600**	**180,402**	**293,844**

Budget Summary

EXPENSES - Johnson Ranch WWTP



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	73,481	59,559	114,213
Operating Expenses	144,954	53,900	128,375
Maintenance & Repairs	16,907	19,100	24,500
Administrative & General	17,259	13,919	26,755
Total Operating Expenses	**252,600**	**146,477**	**293,844**
Interest Expense			
Capital Outlay			
Debt Service			
Grand Total Expenses	**252,600**	**146,477**	**293,844**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

056 - JOHNSON RANCH WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WASTEWATER SERVICES:					
056-2415-10100:SEWER FEES-JOHNSON RANCH WW	60,394.50	128,769	121,327		(121,327)
Total WASTEWATER SERVICES	**60,394.50**	**128,769**	**121,327**		**(121,327)**
MISCELLANEOUS INCOME:					
056-2440-10100:SEWER CONNECT/INSPECT FEE	347,922.77	118,037			
056-2440-10200:SEWER CONNECT/INSPECT FEE-CO			53,533	77,500	23,967
056-2440-18000:CHARGES TO DEVELOPERS	(186.82)			210,344	210,344
056-2440-19900:MISCELLANEOUS REVENUES	3,950.66	5,794	5,542	6,000	458
Total MISCELLANEOUS INCOME	**351,686.61**	**123,831**	**59,075**	**293,844**	**234,769**
TOTAL OPERATING REVENUES	**412,081.11**	**252,600**	**180,402**	**293,844**	**113,442**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	20.00	3,783	7,143	7,153	10
SUPERVISION	34.32		1,177	10,625	9,448
OPERATING LABOR	5,544.93	48,516	33,856	63,298	29,442
Total SALARIES & WAGES	**5,599.25**	**52,299**	**42,177**	**81,077**	**38,900**
EMPLOYEE EXPENSES & BENEFITS:					
056-2512-20000:EMPLOYEES' TRAVEL	29.59		300	300	
056-2512-30000:EMPLOYEE BENEFITS	2,267.70	21,181	17,082	32,836	15,754
Total EMPLOYEE EXPENSES & BENEFITS	**2,297.29**	**21,181**	**17,382**	**33,136**	**15,754**
OPERATING SUPPLIES & SERVICES:					
056-2513-10000:TRUCK OPERATING EXPENSES		363	2,500	1,500	(1,000)
056-2513-12002:EQUIPMENT RENTAL			500		(500)
056-2513-16000:PUBLIC INFORMATION			200		(200)
056-2513-17000:DUES & MEMBERSHIPS			200		(200)
056-2513-18000:PUBLICATIONS AND BOOKS			50		(50)
056-2513-19000:SMALL TOOLS EXPENSE	80.81	492	500	500	
056-2513-20000:TRACTORS AND EQUIPMENT			500		(500)
056-2513-21000:UNIFORMS AND LAUNDRY		179	500	500	
056-2513-22000:PROCESS/SPECIAL OPERATING		48	500		(500)
056-2513-22002:BIOSOLID DISPOSAL COSTS		110,244	10,000	61,000	51,000
056-2513-27000:TRAINING EXPENSES		76	300		(300)
056-2513-29000:SAFETY & EMERG. EXPENSE		1,241	300	2,450	2,150

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

056 - JOHNSON RANCH WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
056-2513-29200:SECURITY EXPENSE		190	250	100	(150)
056-2513-30000:POWER & UTILITIES			4,800	1,000	(3,800)
056-2513-30100:AUXILLARY POWER EXPENSE		2,184	1,500	3,000	1,500
056-2513-40000:OPERATING CHEMICALS			300		(300)
056-2513-40100:CHLORINE	531.29	605	700	1,000	300
056-2513-40900:ALUM/FERRIC/CITRIC ACID		8,167	5,000	10,000	5,000
056-2513-40902:POLYMER			1,000		(1,000)
056-2513-50000:LAB SUPPLIES & EXPENSES	4,792.68	16,569	15,000	15,000	
056-2513-60000:PROFESSIONAL FEES		1,353	1,500	25,000	23,500
056-2513-65000:INSPECTION/TESTING FEES			1,500		(1,500)
056-2513-70000:COMMUNICATIONS		100	500	1,000	500
056-2513-80000:OFFICE SUPPLIES & EXPENSES		1,549	1,000	1,500	500
056-2513-80200:COMPUTER SUPPLIES & SERVICES	1,715.51		1,000	1,000	
056-2513-90000:INSURANCE EXPENSE	307.00	729	2,300	700	(1,600)
056-2513-99900:MISCELLANEOUS EXPENSES	848.41	866	1,500	3,125	1,625
Total OPERATING SUPPLIES & SERVICES	**8,275.70**	**144,954**	**53,900**	**128,375**	**74,475**
MAINTENANCE & REPAIR					
MATERIAL:					
056-2520-20009:PUMPS & MOTORS		146	1,000	3,000	2,000
056-2520-30012:M&R/SER- LIFT STATION			4,000		(4,000)
056-2520-20017:WWTP BIOSOLIDS REMOVAL			100		(100)
056-2520-20023:WWTP SCADA		211	1,000	1,000	
056-2520-20093:SEWER LINE	4,009.96	97	1,000	1,500	500
056-2520-20095:WWTP MAINT EXPENSE	390.90	13,383	3,500	10,000	6,500
Total MATERIAL	**4,400.86**	**13,837**	**10,600**	**15,500**	**4,900**
SERVICES:					
056-2520-30009:M&R/SER- PUMPS AND MOTORS			1,000	1,000	
056-2520-30017:M&R/SER- WWTP BIOSOLIDS REMOV	5,450.00		1,000		(1,000)
056-2520-30023:M&R/SER- WWTP SCADA		1,000	1,500	1,500	
056-2520-30091:M&R/SER- SEWER TANK PUMPING	384,210.24				
056-2520-30093:M&R/SER- SEWER LINE			1,000	1,500	500
056-2520-30095:M&R/SER- WWTP MAINT EXPENSE		2,071	4,000	5,000	1,000
Total SERVICES	**389,660.24**	**3,071**	**8,500**	**9,000**	**500**
ADMINISTRATIVE & GENERAL:					
056-2525-00000:A & G EXPENSES	1,847.77	17,259	13,919	26,755	12,837

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

056 - JOHNSON RANCH WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total ADMINISTRATIVE & GENERAL	**1,847.77**	**17,259**	**13,919**	**26,755**	**12,837**
PURCHASES OF FIXED ASSETS					
LAND & LAND RIGHTS					
STRUCTURES & IMPROVEMENTS					
AUTO & HEAVY EQUIPMENT					
OFFICE FURN & EQUIPMENT					
MISCELLANEOUS EQUIPMENT	29,025.55				
Total PURCHASES OF FIXED ASSETS	**29,025.55**				
TOTAL OPERATING EXPENSES	**441,106.66**	**252,600**	**146,477**	**293,844**	**147,366**
NET OPERATING INCOME	**(29,025.55)**		**33,925**	**0**	**(33,924)**
TOTAL NON-REVENUE FUNDS RECEIVED					
TOTAL NON-OPERATING FUNDS APPLIED					
NET CHANGE IN FUND BALANCE	**(29,025.55)**		**33,925**	**0**	**(33,924)**



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 collectio
- Location: Bulverde, TX
- Startup Operation Date: 2015
- Service Area: Comal Co., TX
- Capacity: 0.048 mgd
- Budgeted Revenue: $182,476

Western Canyon Division
Singing Hills Wastewater Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/18

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 was started up on March 15, 2016, as businesses begun 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 will collect the connection and service fees on behalf of the City, through an agreement with Canyon Lake Water Supply Corporation. The City will make monthly payments to GBRA in the amount of one-twelfth of the FY 2018 budgeted expenses explicated herein. In total, revenue for FY 2018 is budgeted at $182,476.

CAPITAL ADDITIONS AND OPERATING EXPENSES

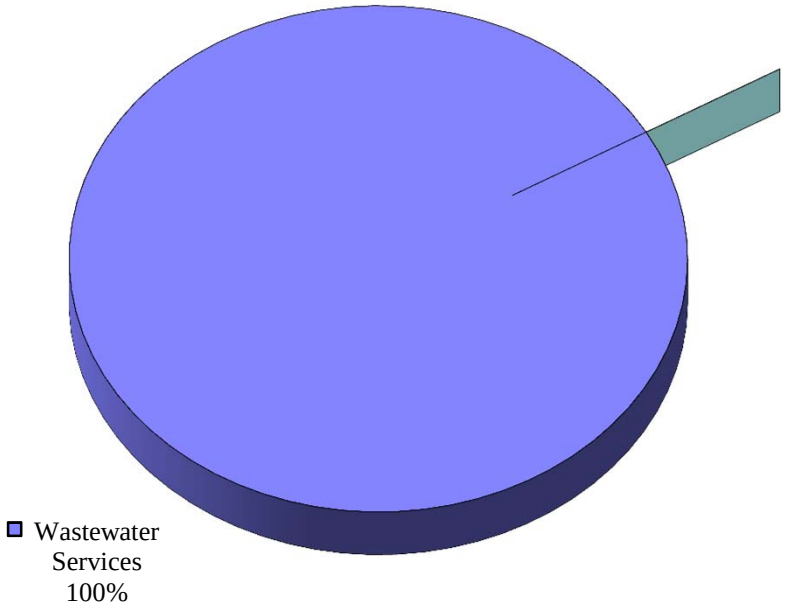
The principal operating expenses during the early startup phase of this new plant are personnel costs including wages and benefits in the amount of $45,534. Other significant operating costs include bio solids disposal at $16,000, total chemical expenses at $13,300, and laboratory supplies at $15,000. There are no capital expenses for FY 2018.

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 supplemented with charges to developers. Since wastewater rates and the resulting revenues, including any year-end budget-to-actual make-up 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

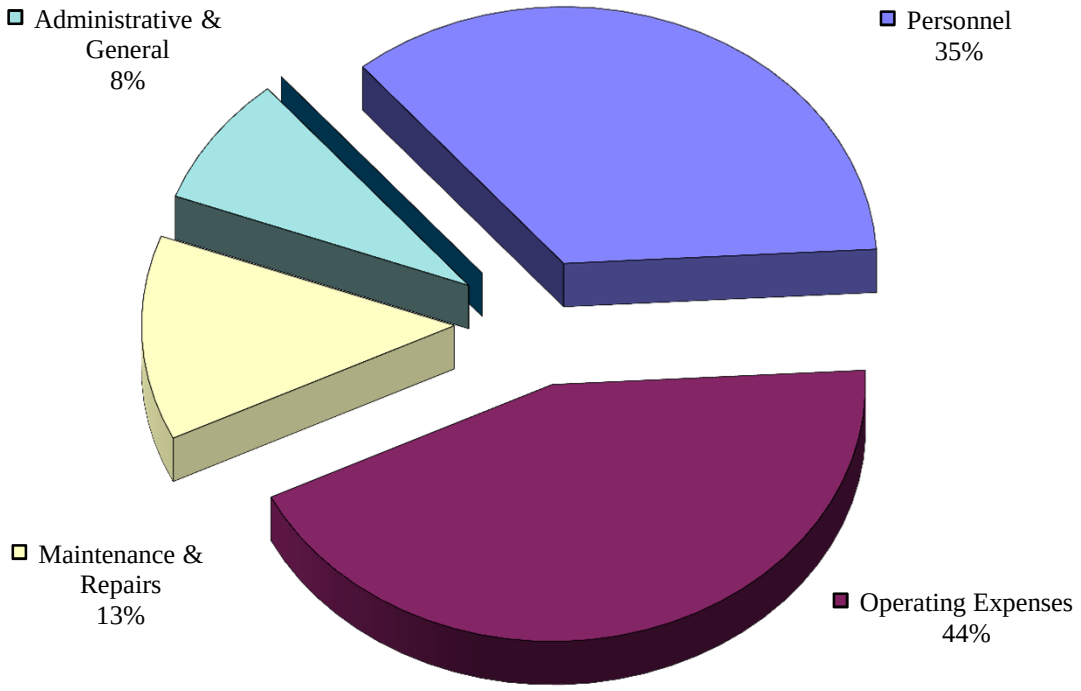
REVENUES - Bulverde Singing Hills WWRS



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services	128,434	140,964	182,476
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	361,952		
Total Operating Revenue	**490,386**	**140,964**	**182,476**
Interest Income			
Grand Total Revenues	**490,386**	**140,964**	**182,476**

Budget Summary

EXPENSES - Bulverde Singing Hills WWRS



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	77,445	53,960	64,275
Operating Expenses	391,210	51,400	79,675
Maintenance & Repairs	2,425	23,000	23,500
Administrative & General	18,190	12,604	15,026
Total Operating Expenses	**489,269**	**140,964**	**182,476**
Interest Expense			
Capital Outlay			
Debt Service			
Grand Total Expenses	**489,269**	**140,964**	**182,476**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

057 - BULVERDE SINGING HILLS WWRS

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WASTEWATER SERVICES:					
057-2415-10100:PLANT OPERATING & MAINTENANCE	15,339.30	127,317	140,964	182,476	41,512
057-2415-10300:TAP FEE-SINGING HILLS WASTE		1,117			
Total WASTEWATER SERVICES	**15,339.30**	**128,434**	**140,964**	**182,476**	**41,512**
MISCELLANEOUS INCOME:					
057-2440-19900:MISCELLANEOUS REVENUES		361,952			
Total MISCELLANEOUS INCOME		**361,952**			
TOTAL OPERATING REVENUES	**15,339.30**	**490,386**	**140,964**	**182,476**	**41,512**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	6,514.42	25,645	3,654	5,580	1,925
SUPERVISION		75	1,177	5,313	4,135
OPERATING LABOR	1,600.75	29,401	33,360	34,641	1,281
Total SALARIES & WAGES	**8,115.17**	**55,121**	**38,192**	**45,534**	**7,342**
EMPLOYEE EXPENSES & BENEFITS:					
057-2512-20000:EMPLOYEES' TRAVEL			300	300	
057-2512-30000:EMPLOYEE BENEFITS	3,286.64	22,324	15,468	18,441	2,973
Total EMPLOYEE EXPENSES & BENEFITS	**3,286.64**	**22,324**	**15,768**	**18,741**	**2,973**
OPERATING SUPPLIES & SERVICES:					
057-2513-10000:TRUCK OPERATING EXPENSES		1,732	2,500	1,500	(1,000)
057-2513-12002:EQUIPMENT RENTAL			500		(500)
057-2513-16000:PUBLIC INFORMATION			200		(200)
057-2513-17000:DUES & MEMBERSHIPS			200		(200)
057-2513-18000:PUBLICATIONS AND BOOKS			50		(50)
057-2513-19000:SMALL TOOLS EXPENSE	814.32	1,793	500	500	
057-2513-20000:TRACTORS & EQUIPMENT		135	500	500	
057-2513-21000:UNIFORMS AND LAUNDRY		179	500	500	
057-2513-22000:PROCESS/SPECIAL OPERATING		1,735	500		(500)
057-2513-22002:BIOSOLID DISPOSAL COSTS	6,825.00	361,947	10,000	16,000	6,000
057-2513-27000:TRAINING EXPENSES		76	300		(300)
057-2513-29000:SAFETY & EMERG. EXPENSE		941	400	1,500	1,100
057-2513-29200:SECURITY EXPENSE			250	250	
057-2513-30000:POWER & UTILITIES			500		(500)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

057 - BULVERDE SINGING HILLS WWRS

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
057-2513-30100:AUXILLARY POWER EXPENSE			1,500	1,500	
057-2513-40000:OPERATING CHEMICALS	371.75	297	300	300	
057-2513-40100:CHLORINE	169.50	174	700	1,000	300
057-2513-40900:ALUM/FERRIC/CITRIC ACID		741	5,000	10,000	5,000
057-2513-40902:POLYMER			1,000	2,000	1,000
057-2513-50000:LAB SUPPLIES & EXPENSES	2,601.95	6,621	15,000	15,000	
057-2513-60000:PROFESSIONAL FEES	4,556.78	8,365	1,500	15,000	13,500
057-2513-65000:INSPECTION/TESTING FEES			1,500		(1,500)
057-2513-70000:COMMUNICATIONS			500	500	
057-2513-80000:OFFICE SUPPLIES & EXPENSES		672	1,000	1,000	
057-2513-80200:COMPUTER SUPPLIES & SERVICES			1,000	500	(500)
057-2513-82100:ADMIN FEES-Canyon Lake WSC		3,799	2,000	8,000	6,000
057-2513-90000:INSURANCE EXPENSE			2,000	1,000	(1,000)
057-2513-99900:MISCELLANEOUS EXPENSES		2,004	1,500	3,125	1,625
Total OPERATING SUPPLIES & SERVICES	**15,339.30**	**391,210**	**51,400**	**79,675**	**28,275**
MAINTENANCE & REPAIR					
MATERIAL:					
057-2520-20009:M&R/MAT- PUMPS AND MOTORS			1,000	1,000	
057-2520-20012:M&R/MAT- TOOLS & EQUIPMENT			2,000	5,000	3,000
057-2520-20017:M&R/MAT- WWTP BIOSOLIDS REMOV			1,000		(1,000)
057-2520-20023:M&R/MAT- WWTP SCADA			1,000	1,000	
057-2520-20093:M&R/MAT- SEWER LINE			1,000	2,000	1,000
057-2520-20095:M&R/MAT- MAINT EXPENSES		1,033	5,000	5,000	
Total MATERIAL		**1,033**	**11,000**	**14,000**	**3,000**
SERVICES:					
057-2520-30009:M&R/SER- PUMPS AND MOTORS			1,000	1,000	
057-2520-30012:M&R/SER- TOOLS & EQUIPMENT			2,000		(2,000)
057-2520-30017:M&R/SER- WWTP BIOSOLIDS REMOV			1,500		(1,500)
057-2520-30023:M&R/SER- WWTP SCADA			1,500	1,500	
057-2520-30093:M&R/SER- SEWER LINE			1,000	2,000	1,000
057-2520-30095:M&R/SER- MAINT EXPENSES		1,392	5,000	5,000	
Total SERVICES		**1,392**	**12,000**	**9,500**	**(2,500)**
ADMINISTRATIVE & GENERAL:					
057-2525-00000:A & G EXPENSES	2,678.01	18,190	12,604	15,026	2,423

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

057 - BULVERDE SINGING HILLS WWRS

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total ADMINISTRATIVE & GENERAL	**2,678.01**	**18,190**	**12,604**	**15,026**	**2,423**
PURCHASES OF FIXED ASSETS					
Total PURCHASES OF FIXED ASSETS					
TOTAL OPERATING EXPENSES	**29,419.12**	**489,269**	**140,964**	**182,476**	**41,512**
NET OPERATING INCOME	**(14,079.82)**	**1,117**	**0**		**()**
TOTAL NON-REVENUE FUNDS RECEIVED					
TOTAL NON-OPERATING FUNDS APPLIED					
NET CHANGE IN FUND BALANCE	**(14,079.82)**	**1,117**	**0**		**()**



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 2018, 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
- Location: Bulverde, TX
- Startup Operation Date: 2018
- Service Area: Comal Co., TX
- Capacity: 0.098 mgd
- Budgeted Revenue: $139,971

Western Canyon Division
Park Village Wastewater Reclamation System
Operating Plan for Fiscal Year Ending 8/31/18

BACKGROUND

The following Work Plan and Budget is based on initiating a "pump and haul" operation for the Park Village Development in which wastewater will be trucked to a regional wastewater plant until the Development finishes constructing its own plant sometime in FY 2018.

REVENUE SOURCES AND TRENDS

The Park Village Wastewater Reclamation Facility will eventually consist of retail wastewater collection, a wastewater treatment plant and possibly a reuse system. Three operators will divide their time between the Cordillera Ranch, Johnson Ranch, Comal Trace, Bulverde Singing Hills Wastewater Reclamation System, 4S Ranch and Park Village operations. The Division Manager for Comal/Kendall Counties provides overall supervision of the system. GBRA's budget forecast includes all payroll and benefits expenses.

CAPITAL ADDITIONS AND OPERATING EXPENSES

The contract between the Comal County WCID No. 6 District and GBRA provides that GBRA operate the plant and associated facilities following their construction as well as bill the customers of the system. The monthly wastewater service fee charged to each residential customer has established by GBRA to coincide with rates already established for the Johnson Ranch operation. However, customer billings are not expected to commence until the following year with the completion of the Park Village Wastewater Treatment Plant. During FY 2018, revenue only includes a reimbursement from the District in the amount of "pump and haul" costs to truck household wastes to a nearby wastewater plant until such time as the Park Village plant is complete. Thereafter, the contract 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 will not over-recover nor under-recover the cost of operating the plant.

The budgeted FY 2018 service revenue for the Park Village Wastewater System is $52,000.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The combined capital additions and operating expenditure budget for FY 2018 amounts to $181,457.

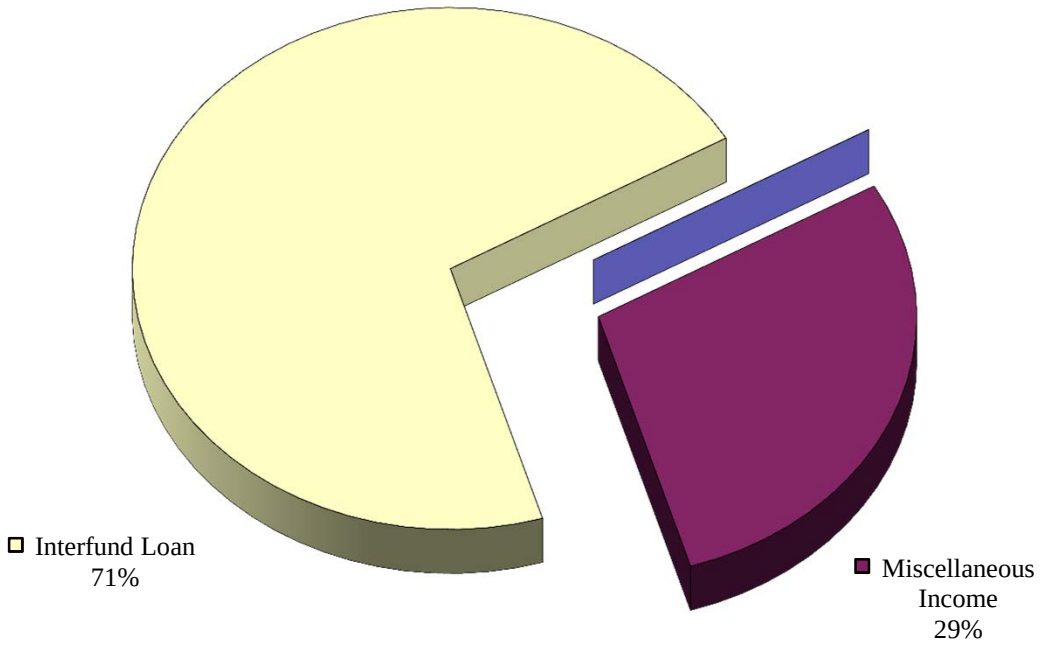
Significant operating and maintenance expenses for FY 2018 are essentially restricted to "pump and haul" or bio solids disposal costs in the amount of $52,000. These costs will continue until the wastewater treatment plant is completed.

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 from the District as well as an Interfund Loan from GBRA's General Division. The net increase in the fund balance that GBRA anticipates in the Park Village Wastewater System is $0.

Budget Summary

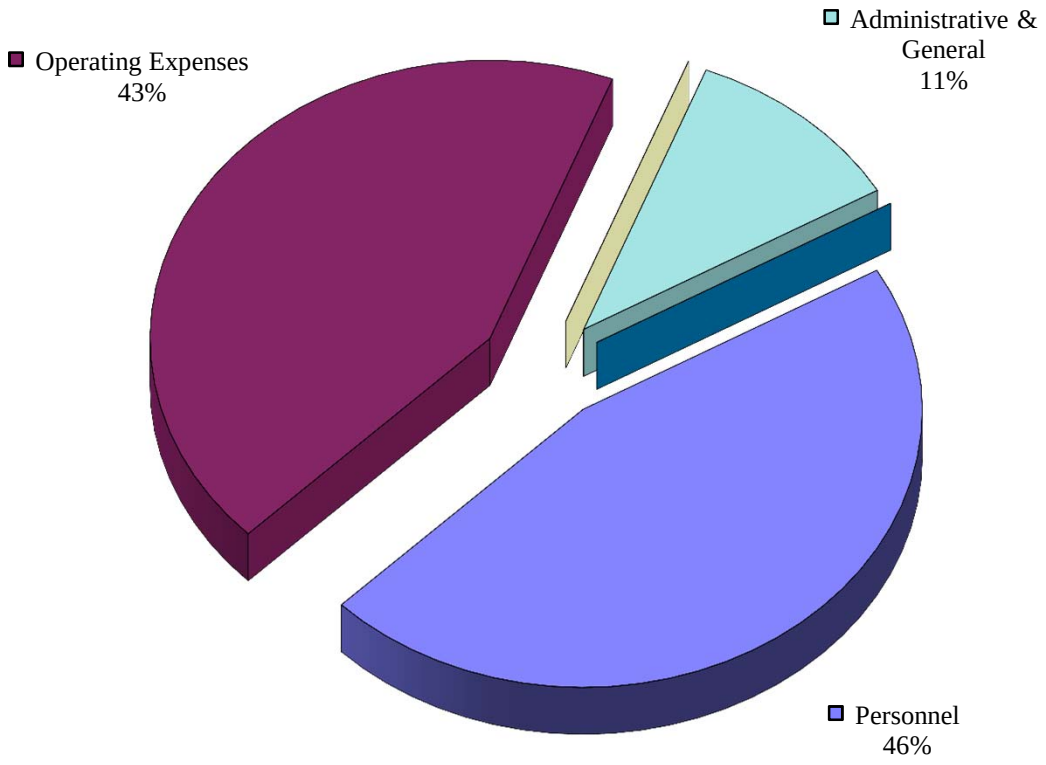
REVENUES -Park Village WWRS



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services		76,900	
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income			52,000
Total Operating Revenue		**76,900**	**52,000**
Interfund Loan			129,457
Grand Total Revenues	**0**	**76,900**	**181,457**

Budget Summary

EXPENSES - Park Village WWRS



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel		20,164	83,334
Operating Expenses		52,000	78,550
Maintenance & Repairs			
Administrative & General		4,736	19,573
Total Operating Expenses		**76,900**	**181,457**
Interest Expense			
Capital Outlay			
Debt Service			
Grand Total Expenses	**0**	**76,900**	**181,457**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

058 - PARK VILLAGE WWRS

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WASTEWATER SERVICES:					
058-2415-10100:PLANT OPERATING & MAINTENANCE			76,900		(76,900)
Total WASTEWATER SERVICES			**76,900**		**(76,900)**
MISCELLANEOUS INCOME:					
058-2440-18000:CHARGES TO DEVELOPERS				52,000	52,000
Total MISCELLANEOUS INCOME				**52,000**	**52,000**
TOTAL OPERATING REVENUES			**76,900**	**52,000**	**(24,900)**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE				1,205	1,205
SUPERVISION				15,938	15,938
OPERATING LABOR			12,678	42,170	29,492
MAINTENANCE LABOR			1,674		(1,674)
Total SALARIES & WAGES			**14,352**	**59,313**	**44,961**
EMPLOYEE EXPENSES & BENEFITS:					
058-2512-30000:EMPLOYEE BENEFITS			5,812	24,022	18,209
Total EMPLOYEE EXPENSES & BENEFITS			**5,812**	**24,022**	**18,209**
OPERATING SUPPLIES & SERVICES:					
058-2513-10000:TRUCK OPERATING EXPENSES				500	500
058-2513-19000:SMALL TOOLS EXPENSE				200	200
058-2513-21000:UNIFORMS AND LAUNDRY				100	100
058-2513-22002:BIOSOLID DISPOSAL COSTS			52,000	52,000	
058-2513-40000:OPERATING CHEMICALS				100	100
058-2513-60000:PROFESSIONAL FEES				24,150	24,150
058-2513-99900:MISCELLANEOUS EXPENSES				1,500	1,500
Total OPERATING SUPPLIES & SERVICES			**52,000**	**78,550**	**26,550**
MAINTENANCE & REPAIR					

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

058 - PARK VILLAGE WWRS

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
ADMINISTRATIVE & GENERAL:					
058-2525-00000:A & G EXPENSES			4,736	19,573	14,837
Total ADMINISTRATIVE & GENERAL			**4,736**	**19,573**	**14,837**
PURCHASES OF FIXED ASSETS					
Total PURCHASES OF FIXED ASSETS					
TOTAL OPERATING EXPENSES			**76,900**	**181,457**	**104,557**
NET OPERATING INCOME			**()**	**(129,457)**	**(129,457)**
INTERFUND LOANS RECEIVED:					
058-1213-00001:GENERAL LOANS REC.				129,457	129,457
Total INTERFUND LOANS RECEIVED				**129,457**	**129,457**
TOTAL NON-REVENUE FUNDS RECEIVED				**129,457**	**129,457**
TOTAL NON-OPERATING FUNDS APPLIED					
NET CHANGE IN FUND BALANCE			**()**	**()**	**()**



4S Ranch WWTP

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 a13.77 acre land disposal site. Startup of the system is expected during Fiscal Year 2019.

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

- Service Provided: Wastewater collection and treatme
- Location: Bulverde, TX
- Startup Operation Date: 2019
- Service Area: Comal Co., TX
- Capacity: 0.060 mgd
- Budgeted Revenue: $139,971

Western Canyon Division
Four S Ranch Wastewater Reclamation System
Operating Plan for Fiscal Year Ending 8/31/18

BACKGROUND

The following Work Plan and Budget is based on GBRA providing construction inspection services until the Development finishes constructing wastewater plant and collection system sometime in FY 2019.

REVENUE SOURCES AND TRENDS

The Four S Ranch Wastewater Reclamation Facility will eventually consist of retail wastewater collection, a wastewater treatment plant and possibly a reuse system. Three operators will divide their time between the Cordillera Ranch, Johnson Ranch, Comal Trace, Bulverde Singing Hills Wastewater Reclamation System, Park Village, and Four S Ranch. The Division Manager for Comal/Kendall Counties provides overall supervision of the system. GBRA's budget forecast includes all payroll and benefits expenses.

CAPITAL ADDITIONS AND OPERATING EXPENSES

The contract between the Comal County WCID No. 6 District and GBRA provides that GBRA operate the plant and associated facilities following their construction and thereafter bill the customers of the system. The monthly wastewater service fee charged to each residential customer has been established to coincide with the rates previously set for the GBRA Johnson Ranch Wastewater Treatment System. Following Plant startup, the contract also provides that GBRA will bill the District the actual cost of operating and maintaining the plant 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 2018 service revenue for the Four S Ranch Wastewater System is $0 since the Plant is not expected to be in operation during FY 2018.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The combined capital additions and operating expenditure budget for FY 2018 amounts to $139,971.

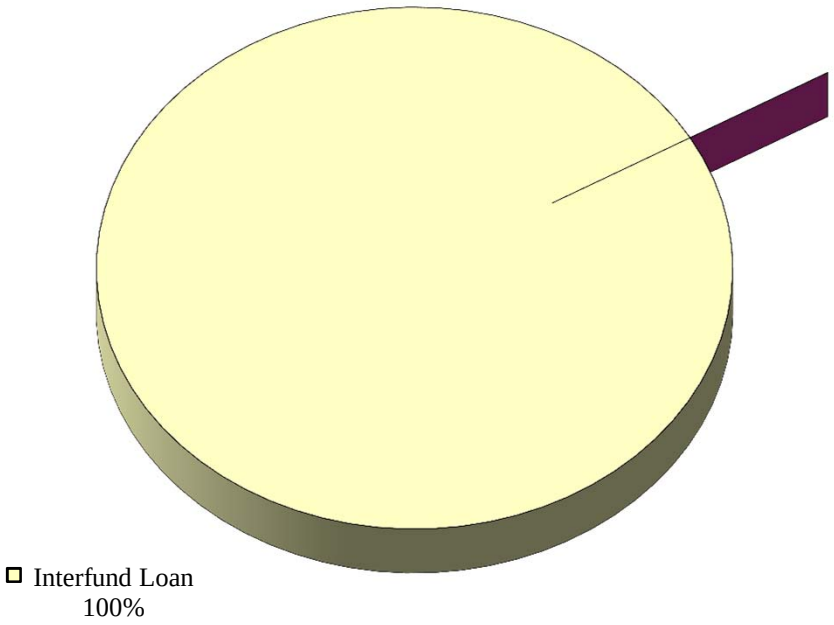
Significant operating and maintenance expenses for FY 2018 are essentially restricted to personnel costs in the amount of $139,971 and which relate to monitoring the construction of utilities within the development. These costs will continue until the wastewater treatment plant is completed.

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 and Interfund Loan from GBRA's General Division. The net increase in the fund balance that GBRA anticipates in the Four S Ranch Wastewater System is $0.

Budget Summary

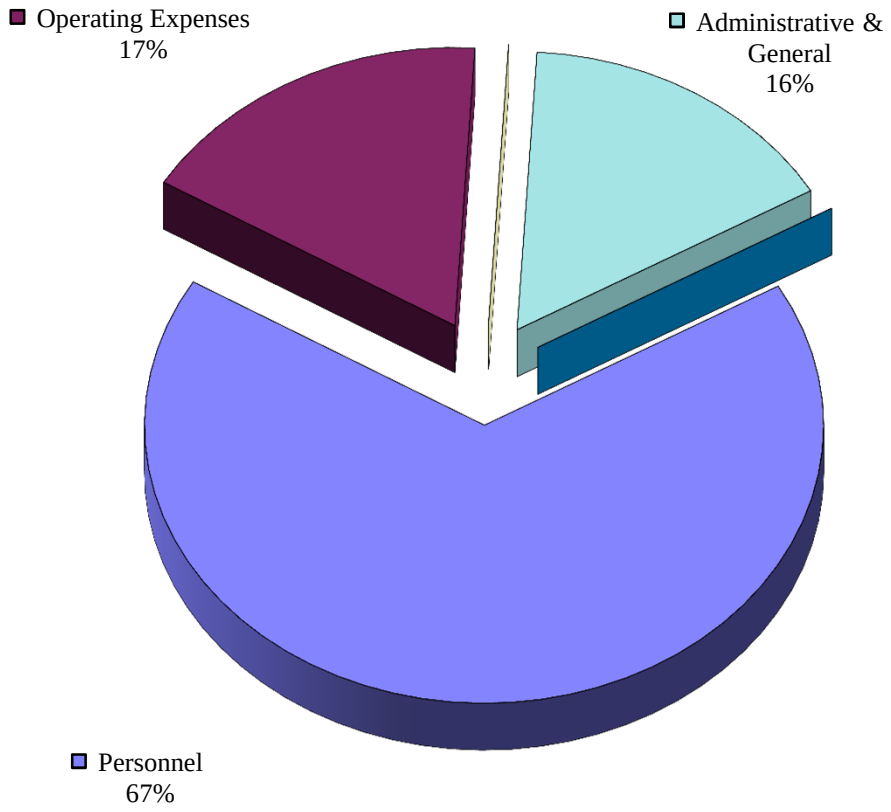
REVENUES - 4S Ranch WWRS



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services		24,515	
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income			
Total Operating Revenue		**24,515**	
Interfund Loan			139,971
Grand Total Revenues	**0**	**24,515**	**139,971**

Budget Summary

EXPENSES - 4S Ranch WWRS



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel		19,852	93,711
Operating Expenses			24,250
Maintenance & Repairs			
Administrative & General		4,663	22,010
Total Operating Expenses		**24,515**	**139,971**
Interest Expense			
Capital Outlay			
Debt Service			
Grand Total Expenses	**0**	**24,515**	**139,971**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

059 - FOUR S RANCH WWRS

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WASTEWATER SERVICES:					
059-2415-10100:PLANT OPERATING & MAINTENANCE			24,515		(24,515)
Total WASTEWATER SERVICES			**24,515**		**(24,515)**
TOTAL OPERATING REVENUES			**24,515**		**(24,515)**
SALARIES & WAGES					
SUPERVISION				15,938	15,938
OPERATING LABOR			12,456	50,760	38,304
MAINTENANCE LABOR			1,674		(1,674)
Total SALARIES & WAGES			**14,130**	**66,698**	**52,568**
EMPLOYEE EXPENSES & BENEFITS:					
059-2512-30000:EMPLOYEE BENEFITS			5,723	27,013	21,290
Total EMPLOYEE EXPENSES & BENEFITS			**5,723**	**27,013**	**21,290**
OPERATING SUPPLIES & SERVICES:					
059-2513-10000:TRUCK OPERATING EXPENSES				100	100
059-2513-60000:PROFESSIONAL FEES				24,150	24,150
Total OPERATING SUPPLIES & SERVICES				**24,250**	**24,250**
MAINTENANCE & REPAIR					
ADMINISTRATIVE & GENERAL:					
059-2525-00000:A & G EXPENSES			4,663	22,010	17,348
Total ADMINISTRATIVE & GENERAL			**4,663**	**22,010**	**17,348**
PURCHASES OF FIXED ASSETS					
Total PURCHASES OF FIXED ASSETS					

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

059 - FOUR S RANCH WWRS

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
TOTAL OPERATING EXPENSES			**24,515**	**139,971**	**115,456**
NET OPERATING INCOME			**()**	**(139,971)**	**(139,971)**
INTERFUND LOANS RECEIVED:					
059-1213-00001:GENERAL LOANS REC.				139,971	139,971
Total INTERFUND LOANS RECEIVED				**139,971**	**139,971**
TOTAL NON-REVENUE FUNDS RECEIVED				**139,971**	**139,971**
TOTAL NON-OPERATING FUNDS APPLIED					
NET CHANGE IN FUND BALANCE			**()**	**()**	**0**



Port Lavaca WTP

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

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

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

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

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

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

- Service Provided: Water treatment
- Location: Port Lavaca, TX
- Startup Operation Date: 1970
- Principal Customer: City of Port Lavaca
- Capacity: 6 mgd
- # of Current Employees: 8
- Budgeted Revenue: $1,732,500
- Expanded: 1993

Port Lavaca Water Treatment Plant Division
Operating Plan for Fiscal Year Ending 8/31/18

BACKGROUND

The GBRA Port Lavaca Water Treatment Plant 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 contracted with GBRA in 1968 for the delivery of treated drinking water, and the Plant was constructed and became operational in 1970. Shortly thereafter, the Calhoun County Rural Water System began receiving water. The Plant's capacity was expanded in 1993 to produce a "nameplate" peak capacity of 6.08 million gallons per day, to meet the structural requirements of the State of Texas and the stringent and ever evolving requirements of the federal Safe Drinking Water Act. In October 2000, the Port O'Connor Municipal Utility District (now POC ID) completed construction of a new water main to the Plant and became a 3rd contract customer.

The source raw water for the Plant is delivered from the Guadalupe River through GBRA's Water Supply and Calhoun Canal Systems. The City of Port Lavaca, the Rural Water System, and the POC ID also contract with GBRA's Water Supply Division for source water from Canyon Reservoir, run-of-river water rights, and from other sources available to GBRA.

The original water supply contract of 1968 as subsequently amended at various times remained in effect until all of the original construction and corresponding indebtedness was paid in full in the year 2016. (Later contracts with the Calhoun County Rural Water System and the Port O'Connor Improvement District necessarily conform to this base contract's provisions for other customers.) In 2016, GBRA and the City of Port Lavaca entered into a new water supply contract that will continue the mutually beneficial relationship that provides a secure and economical source of high quality drinking water to the residents of the City of Port Lavaca and other areas of Calhoun County serviced by GBRA through at least the year 2035.

The Plant 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. 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.

This Work Plan and Budget describes the operations, maintenance and capital additions to be performed during FY 2018. 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 Plant are significantly better than current federal standards and closely approach the ultimate objective of optimized treatment considered desirable by industry experts.

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 2018 revenue is budgeted at $1,732,500 which is a $6,517 or 0.37% increase over FY 2017.

Total treated water purchased by the City of Port Lavaca is again forecast at 510.00 million gallons. 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 Plant 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 Plant by the Calhoun Canal Division for all three customers for treatment to potable drinking quality will cost 17.5¢ per 1000 gallons. Raw water received from the GBRA Canal Division for the three wholesale customers as metered at the Plant'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 is budgeted at $146,000 based on costs incurred in prior years. Powdered activated carbon and/or potassium permanganate is used from time to time to control taste and odor and to further enhance palatability of the finished water. Operating chemicals including copper sulfate are budgeted at $25,000 to control algae in the raw water supply; however, potassium permanganate may be substituted as necessary when the use of copper is discouraged due to its potential as a contributor to background copper for wastewater discharges. The GBRA Laboratory in Seguin performs bacteriological testing of the finished water. The completion of all testing performed at this lab or the Treatment Plant's on-site lab will cost an estimated $35,000 – an increase from the current year based on costs incurred in prior years. This includes ongoing quarterly testing for disinfection byproducts (trihalomethanes and halo-acetic acids). Also included in this budget is $161,093 for improvements at the plant to assist the customers in meeting the requirements of the Stage 2 Disinfection By-Products Rule. This amount is part of a larger project previously agreed to by GBRA and the Plant's customers with the costs of the project actually spread over Fiscal Years 2016, 2017 and 2018.

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. The multi-year membrane replacement project for FY 2018 in the amount of $360,000 is budgeted in the Western Canyon Project Fund. Also included in the fund are amounts for the Disinfection Byproduct (TTHM) project expected to be funded through a future contract revenue bond issuance. The detail of this fund is included at the end of this section.

The Port Lavaca Treatment Plant is unique in that GBRA owns the facility. The plant has reached its useful life and needs significant rehabilitation. In FY 2017 GBRA hired a consultant to assess the asset and make recommendations for its replacement. $5,200,000 has been budgeted in the Port Lavaca Project Fund for FY 2018. This full project is expected to be funded through a future revenue bond issuance. The detail of this fund is included at the end of this section.

FUND BALANCE

Funds for the above listed capital addition and maintenance projects, as well as all of the other 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 utilizes is a contract operation therefore the net change in fund balance for FY 2018 is $0.

Staffing Summary

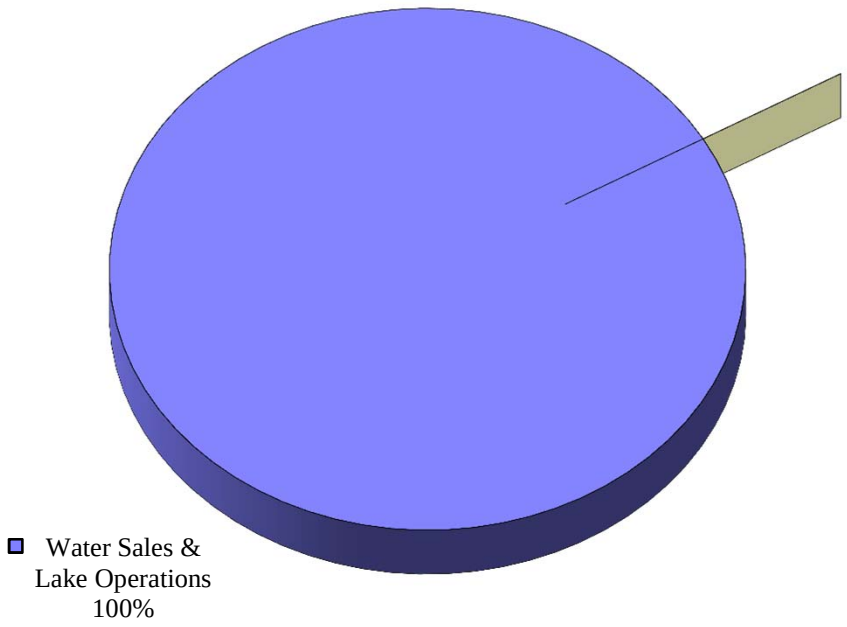
Port Lavaca WTP	# of Authorized Positions (FTE)		
	2016	2017	2018
Chief Operator	1	1	1
Maintenance Technician	1	1	1
Secretary	1	1	1
Maintenance Chief	1	1	1
Operator	4	4	4
Total	**8**	**8**	**8**

Changes from FY 2016 to FY 2017
No staffing changes for this division.

Changes from FY 2017 to FY 2018
No staffing changes for this division.

Budget Summary

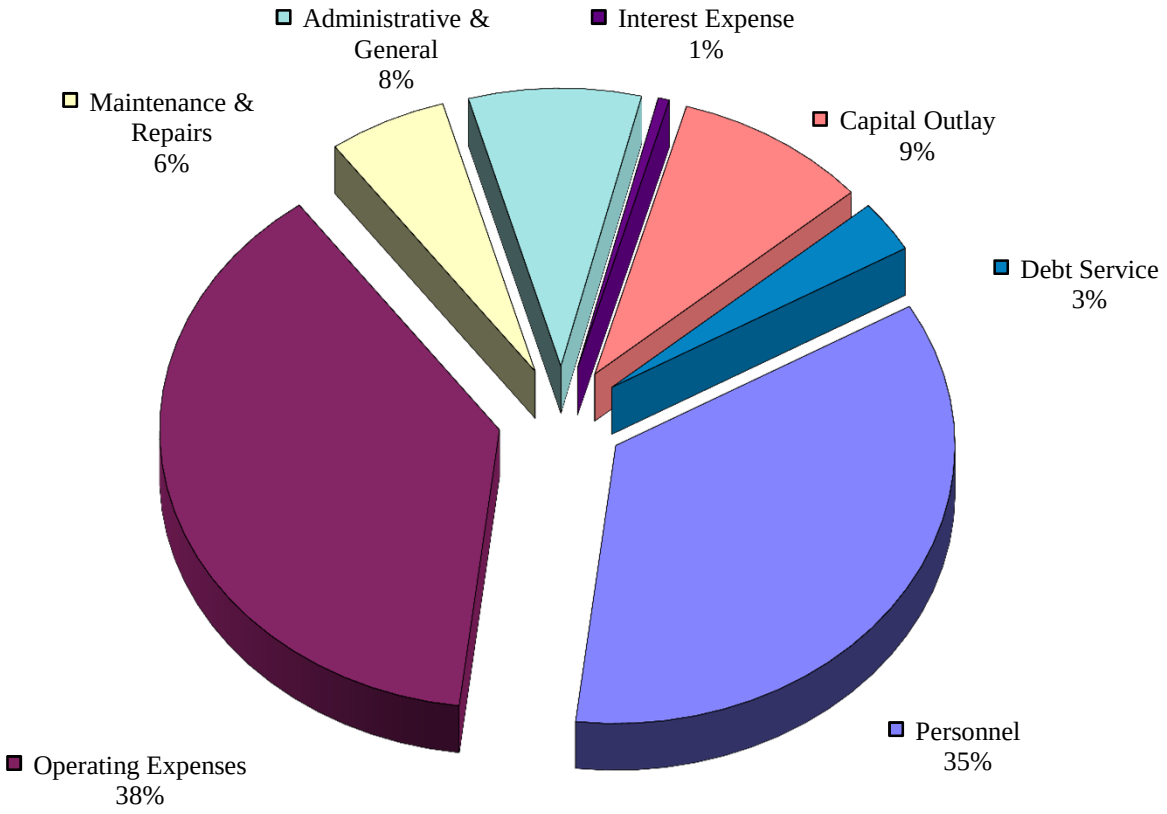
REVENUES - Port Lavaca WTP



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	1,542,213	1,725,983	1,732,500
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	307		
Total Operating Revenue	**1,542,519**	**1,725,983**	**1,732,500**
Interest Income	281	60	
Grand Total Revenues	**1,542,801**	**1,726,043**	**1,732,500**

Budget Summary

EXPENSES - Port Lavaca WTP



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	531,782	561,818	610,276
Operating Expenses	616,815	590,431	659,695
Maintenance & Repairs	131,409	98,350	97,749
Administrative & General	126,012	130,534	142,400
Total Operating Expenses	**1,406,017**	**1,381,133**	**1,510,120**
Interest Expense	15,144	11,520	9,248
Capital Outlay	5,599		161,093
Debt Service	334,533	49,764	52,040
Grand Total Expenses	**1,761,293**	**1,442,417**	**1,732,501**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

060 - PORT LAVACA WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WATER SALES & LAKE OPERATIONS:					
060-2413-10100:PL-RAW WATER DELIVERY	87,438.00	87,593	82,543	96,296	13,753
060-2413-10200:PL-PLANT O & M INCOME	906,365.58	815,970	832,302	847,160	14,858
060-2413-10300:PL-PLANT A & G INCOME	102,372.12	92,483	95,852	97,498	1,646
060-2413-10500:R/W-RAW WATER PURCHASE	11,890.65	14,248	15,561	16,504	943
060-2413-10600:R/W-WATER TREATMENT	163,901.53	174,969			
060-2413-10700:PL-CREDIT INTEREST EARN.	(123.64)	(54)			
060-2413-10800:R/W-PLANT O&M INCOME			153,061	161,733	8,672
060-2413-10900:R/W-PLANT A&G INCOME			17,627	18,613	986
060-2413-11000:R/W-ADDS. TO PLANT & EQUIP			35,993	21,973	(14,020)
060-2413-11100:RW-DEBT SERVICE			26,205	26,207	2
060-2413-20101:PL-DEBT SERVICE	217,861.94	56,376			
060-2413-20400:R/W-DEBT SERVICE	50,930.08	28,119			
060-2413-20700:PL-CREDIT-INT EARN.I&S FD	(227.22)	(127)			
060-2413-30100:PL-ADDS. TO PLANT & EQUIP	9,388.22	45,216	203,810	104,991	(98,819)
060-2413-50100:POC-RAW WATER PURCHASES	13,717.20	17,627	16,583	17,588	1,005
060-2413-50200:POC-PLANT O&M INCOME	164,509.46	145,903	148,090	228,439	80,349
060-2413-50300:POC-PLANT A&G INCOME	18,513.43	16,532	17,055	26,289	9,234
060-2413-50400:POC-DEBT SERVICE	65,069.86	37,103	35,079	35,081	2
060-2413-50500:POC-ADDS. TO PLANT & EQUIP	2,249.82	10,254	46,222	34,129	(12,093)
Total WATER SALES & LAKE OPERATIONS	**1,813,857.03**	**1,542,213**	**1,725,983**	**1,732,500**	**6,517**
MISCELLANEOUS INCOME:					
060-2440-19643:CAPITAL RECOVRY FEE-CANAL	4,909.00				
060-2440-19670:CAPITAL RECOVRY FEE-RURAL WTR	4,909.00				
060-2440-19900:MISCELLANEOUS REVENUES	10,495.05	307			
Total MISCELLANEOUS INCOME	**20,313.05**	**307**			
INTEREST INCOME:					
060-2420-10000:INT ON OPERATING FUNDS	16.58	38	60		(60)
060-2420-10100:INT ON FULLY FUNDED ACCTS	1,812.50	1,276			
060-2420-10101:FAIR VALUE CHG OF INVEST.	(1,635.75)	(1,201)			
060-2420-20100:INT ON I & S FUND	324.82	169			
Total INTEREST INCOME	**518.15**	**281**	**60**		**(60)**
GAIN(LOSS) ON SALE OF ASSETS:					
060-2612-00000:LOSS ON SALE OF ASSETS	(62.67)				

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

060 - PORT LAVACA WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total GAIN(LOSS) ON SALE OF ASSETS	**(62.67)**				
TOTAL OPERATING REVENUES	**1,834,625.56**	**1,542,801**	**1,726,043**	**1,732,500**	**6,457**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	27,926.51	31,207	23,546	28,847	5,302
SUPERVISION	17,876.90	34,908	33,038	48,329	15,291
OPERATING LABOR	312,747.43	261,793	338,973	354,337	15,363
MAINTENANCE LABOR	57,462.49	53,946			
Total SALARIES & WAGES	**416,013.33**	**381,853**	**395,558**	**431,513**	**35,956**
EMPLOYEE EXPENSES & BENEFITS:					
060-2512-20000:EMPLOYEES' TRAVEL	2,543.81	1,994	3,600	4,000	400
060-2512-30000:EMPLOYEE BENEFITS	168,322.54	147,935	160,201	174,763	14,562
Total EMPLOYEE EXPENSES & BENEFITS	**170,866.35**	**149,928**	**163,801**	**178,763**	**14,962**
OPERATING SUPPLIES & SERVICES:					
060-2513-10000:TRUCK OPERATING EXPENSES	5,878.05	2,112	4,740	5,340	600
060-2513-12001:BUILDING RENTAL	2,112.00	2,112	2,112	2,112	
060-2513-16000:PUBLIC INFORMATION	1,443.25	933	1,080	1,080	
060-2513-17000:DUES AND MEMBERSHIPS	1,220.00	1,039	1,068	1,068	
060-2513-18000:PUBLICATIONS AND BOOKS	85.00	94	500	500	
060-2513-19000:SMALL TOOLS EXPENSE		443	960	960	
060-2513-20000:TRACTORS AND EQUIPMENT	4,341.16	428	1,260	1,260	
060-2513-21000:UNIFORMS AND LAUNDRY	3,119.99	3,462	3,600	4,300	700
060-2513-22000:PROCESS/SPECIAL OPERATING			1,440	1,440	
060-2513-27000:TRAINING EXPENSES	859.20	3,545	3,996	3,996	
060-2513-29000:SAFETY & EMERG. EXPENSES	1,979.99	2,943	3,600	4,000	400
060-2513-29200:SECURITY EXPENSE	137.50	2,642	240	2,760	2,520
060-2513-30000:POWER AND UTILITIES	112,389.75	94,770	112,080	112,080	
060-2513-40000:OPERATING CHEMICALS	32,593.20	40,910	15,000	25,000	10,000
060-2513-40100:CHLORINE	15,320.00	15,036	16,824	16,824	
060-2513-40200:ACTIVATED CARBON			2,400	2,400	
060-2513-40600:FLOURIDE		14,539		11,151	11,151
060-2513-40700:POTASSIUM PERMANGANATE	4,695.85		2,400	2,400	
060-2513-40800:AMMONIA	18,138.60	12,266	18,600	18,000	(600)
060-2513-40900:ALUM/FERRIC	189,122.76	114,587	156,000	146,000	(10,000)
060-2513-50000:LAB SUPPLIES & EXPENSES	25,069.34	21,968	23,100	35,000	11,900
060-2513-60000:PROFESSIONAL FEES	13,602.00	5,145	6,000	6,000	
060-2513-61000:CONTRACT LABOR	25,492.29	18,252	14,220	20,000	5,780

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

060 - PORT LAVACA WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
060-2513-65000:INSPECTION FEES	205.97	100	360	360	
060-2513-70000:COMMUNICATIONS	3,652.49	3,548	4,212	3,900	(312)
060-2513-80000:OFFICE SUPPLIES & EXPENSES	2,791.32	3,880	5,376	4,600	(776)
060-2513-80200:COMPUTER SUPPLIES & SERVICE	2,984.83	3,580	7,476	7,476	
060-2513-81500:BANK SERVICE FEES	338.74	246	400		(400)
060-2513-90000:INSURANCE EXPENSE	76,055.21	78,838	64,300	86,900	22,600
060-2513-99900:MISCELLANEOUS EXPENSES	1,627.96	1,481	2,400	2,400	
Total OPERATING SUPPLIES & SERVICES	**545,256.45**	**448,897**	**475,744**	**529,307**	**53,563**
MAINTENANCE & REPAIR					
MATERIAL:					
060-2520-20001:M&R/MAT- YARD & GROUNDS	594.98	749	240		(240)
060-2520-20002:M&R/MAT- BUILDING	2,308.94	3,253	2,400	2,400	
060-2520-20004:M&R/MAT- STRUCT MAINTENAN	1,393.65	675	600	600	
060-2520-20005:M&R/MAT- PUMPS	1,184.53	220	600	960	360
060-2520-20006:M&R/MAT- CHEM FEED EQUIP	1,020.95		3,240	6,120	2,880
060-2520-20007:M&R/MAT- PROCESS CONTROL	6,156.46	3,701	1,856	1,856	
060-2520-20008:M&R/MAT- TRF PUMP CONTROL			1,020	1,020	
060-2520-20009:M&R/MAT- VALVES			780	780	
060-2520-20010:M&R/MAT- BIOSOLIDS LINE/DITC			600		(600)
060-2520-20011:M&R/MAT- METERS (REMOTE EQP)			960	960	
060-2520-20013:M&R/MAT- PONDS/RESERVOIR	183.55	540	1,002	1,601	599
060-2520-20014:M&R/MAT- FILTERS & SURFACE WSH	9,979.45	98	2,484	2,484	
060-2520-20015:M&R/MAT- MOTORS			2,400	2,400	
060-2520-20016:M&R/MAT- SETT.BASIN EQUIP	1,518.19	568	3,408	3,408	
060-2520-20017:M&R/MAT- TRUCKS	47.34	496			
060-2520-20018:M&R/MAT- CHLORAMINES		46	2,400		(2,400)
060-2520-20019:M&R/MAT- TOOLS & EQUIP	2,250.08	2,203	600	600	
060-2520-20022:M&R/MAT- ELECTRICAL	132.94		1,200	1,200	
060-2520-20023:M&R/MAT- PLANT ROAD			120		(120)
060-2520-20024:M&R/MAT- TECHNICIAN'S TRK	206.93	62			
060-2520-20025:M&R/MAT- 4 INCH PUMP	178.21	355	360		(360)
060-2520-20026:M&R/MAT- FLOURIDE EQUIP		50	480		(480)
060-2520-20027:M&R/MAT- EMERG.GENERATOR		44			
060-2520-20028:M&R/MAT- SCADA PL	20.82	519	1,800	1,800	
060-2520-20029:M&R/MAT- SCADA POC	20.80		1,440	1,440	
060-2520-20030:M&R/MAT- TRACTORS/MOWERS			720	960	240
060-2520-20099:M&R/MAT- OTHER	132.98	54		120	120

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

060 - PORT LAVACA WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total MATERIAL	**27,330.80**	**13,634**	**30,710**	**30,709**	**(2)**
SERVICES:					
060-2520-30001:M&R/SER- YARD & GROUNDS	450.00	510	960		(960)
060-2520-30002:M&R/SER- BUILDING	13,472.00	2,046	8,400	9,900	1,500
060-2520-30004:M&R/SER- STRUCT MAINTENAN		225	1,800	1,800	
060-2520-30005:M&R/SER- PUMPS	764.80	4,405	7,200	7,920	720
060-2520-30006:M&R/SER- CHEM FEED EQUIP	616.20		660	7,040	6,380
060-2520-30007:M&R/SER- PROCESS CONTROL	591.15	919	480	480	
060-2520-30008:M&R/SER- TRF PUMP CONTROL		2,587	600	840	240
060-2520-30009:M&R/SER- VALVES		1,284	2,040	2,040	
060-2520-30010:M&R/SER- BIOSOLIDS LINE/DITC		39,854	1,008		(1,008)
060-2520-30011:M&R/SER- METERS(REMOTE EQP	785.00	780	1,200	1,200	
060-2520-30012:M&R/SER- HAUL TRASH	1,815.49	2,142	1,500		(1,500)
060-2520-30013:M&R/SER- PONDS/RESERVOIR	7,592.18	23,025	2,400	3,408	1,008
060-2520-30014:M&R/SER- FILTERS & SURFACE WSH	12,620.00	3,556	3,480	3,480	
060-2520-30015:M&R/SER- MOTORS	2,257.60	1,482	2,400	2,400	
060-2520-30016:M&R/SER- SETT.BASIN EQUIP		450	10,992	10,992	
060-2520-30017:M&R/SER- TRUCKS	84.00	2,217			
060-2520-30018:M&R/SER- CHLORAMINES	12,609.70	8,415	5,300		(5,300)
060-2520-30019:M&R/SER- TOOLS & EQUIP	113.03	114	480	480	
060-2520-30020:M&R/SER- CLEARWELL	610.00	640	1,800	1,800	
060-2520-30021:M&R/SER- RADIO EQUIPMENT			240		(240)
060-2520-30022:M&R/SER- ELECTRICAL	652.37	3,288	1,200	1,200	
060-2520-30023:M&R/SER- PLANT ROAD			2,400		(2,400)
060-2520-30024:M&R/SER- TECHNICIAN'S TRK	32.00	7	600		(600)
060-2520-30025:M&R/SER- 4 INCH PUMP		10,299	720		(720)
060-2520-30026:M&R/SER- FLOURIDE EQUIP		150	1,080		(1,080)
060-2520-30027:M&R/SER- EMERG.GENERATOR	4,341.96	8,254	3,780	3,780	
060-2520-30028:M&R/SER- SCADA PL	489.33	1,128	1,800	1,800	
060-2520-30029:M&R/SER- SCADA POC	539.60		1,440	1,440	
060-2520-30030:M&R/SER- TRACTORS/MOWERS			720	1,680	960
060-2520-30099:M&R/SER- OTHER			960	3,360	2,400
Total SERVICES	**60,436.41**	**117,775**	**67,640**	**67,040**	**(600)**
ADMINISTRATIVE & GENERAL:					
060-2525-00000:A & G EXPENSES	137,284.47	126,012	130,534	142,400	11,865

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

060 - PORT LAVACA WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total ADMINISTRATIVE & GENERAL	**137,284.47**	**126,012**	**130,534**	**142,400**	**11,865**
WATER PURCHASES/DELIVERY:					
060-2526-00000:INTERDIVISION WATER PURCH	113,045.85	119,468	114,687	130,388	15,701
Total WATER PURCHASES/DELIVERY	**113,045.85**	**119,468**	**114,687**	**130,388**	**15,701**
PROJECT WRITE OFFS TO OPR EXP	**5,703.25**	**48,450**			
WIP-OPERATING	**5,872.00**	**9,407**	**286,025**	**161,093**	**(124,932)**
INTEREST EXPENSE:					
060-2540-00000:INT ON REVENUE BONDS	8,100.00	2,033			
060-2540-16000:INT ON CLEARWELL LOAN	13,660.62	13,111	11,520	9,248	(2,272)
Total INTEREST EXPENSE	**21,760.62**	**15,144**	**11,520**	**9,248**	**(2,272)**
PURCHASES OF FIXED ASSETS					
LAND & LAND RIGHTS					
STRUCTURES & IMPROVEMENTS					
SPECIALIZED OPER. EQUIPMENT					
AUTO & HEAVY EQUIPMENT	(21,901.76)	5,599			
OFFICE FURN & EQUIPMENT					
MISCELLANEOUS EQUIPMENT	17,366.55				
Total PURCHASES OF FIXED ASSETS	**(4,535.21)**	**5,599**			
TOTAL OPERATING EXPENSES	**1,499,034.32**	**1,436,167**	**1,676,219**	**1,680,461**	**4,242**
NET OPERATING INCOME	**335,591.24**	**106,633**	**49,825**	**52,040**	**2,215**
INTERFUND LOANS RECEIVED:					
060-1213-10001:GENERAL LOANS REC.	68,000.00	216,500			
Total INTERFUND LOANS RECEIVED	**68,000.00**	**216,500**			
TOTAL NON-REVENUE FUNDS RECEIVED	**68,000.00**	**216,500**			
DEBT SERVICE PAYMENTS:					
060-1213-10002:GENERAL LOANS PAID	68,000.00	216,500			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

060 - PORT LAVACA WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
060-1212-16002:BANK LOAN PAID-CLEARWELL	10,339.38	29,533	49,764	52,040	2,276
060-1211-20002:REFUNDING BONDS-2011 PAID	300,000.00	305,000			
Total DEBT SERVICE PAYMENTS	**378,339.38**	**551,033**	**49,764**	**52,040**	**2,276**
TOTAL NON-OPERATING FUNDS APPLIED	**378,339.38**	**551,033**	**49,764**	**52,040**	**2,276**
NET CHANGE IN FUND BALANCE	**25,251.86**	**(227,899)**	**60**	**()**	**(60)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

060 - PORT LAVACA WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
WIP - OPERATING					
060-1114-86807:RESTROOM UPGRADE-SERVICE	5,872.00	9,407			
Total	**5,872.00**	**9,407**			
060-1114-87707:TTHM MITIGATION-SERVICES		28,776	75,960	75,960	
060-1114-87711:TTHM MITIGATION-PROF FEES			136,695	11,763	(124,932)
060-1114-87780:TTHM MITIGATION-MATERIALS		19,579	73,370	73,370	
060-1114-87798:TTHM MITIGATION-W/O		(48,355)			
Total			**286,025**	**161,093**	**(124,932)**
TOTAL WIP - OPERATING	**5,872.00**	**9,407**	**286,025**	**161,093**	**(124,932)**

Port Lavaca Water Treatment Plant
Port Lavaca Project Fund

Project Description		FY 2018	
Projects Funded From Other Sources			
Port Lavaca Water Plant Improvements - Eng		3,200,000	Bond Issue
Port Lavaca Water Plant Improvements - Con		2,000,000	Bond Issue
Total Western Canyon Project Fund FY 2018	$	5,200,000	

Note: See Financial Summary section for total project information



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.

- Service Provided: Water distribution
- Location: Port Lavaca, TX
- Startup Operation Date: April 2, 1973
- Service Area: Calhoun County, TX
- Budgeted Water Distributed: 60,848,000 gal
- # of Current Employees: 5
- Budgeted Revenue: $1,472,092

Calhoun County Rural Water Supply Division
Operating Plan for Fiscal Year Ending 8/31/18

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 2018. 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 is better than all state and federal water quality standards.

The Division is managed by the Division Manager of Calhoun/Refugio Counties. The Division is operated and maintained by a Chief Operator, 3 Maintenance Operators, and an Assistant Secretary. Management and staff meet quarterly with the Rural Water Corporation's Board of Directors to discuss operations and projects and to review the work plan, budget, and rates. The Directors are elected by the membership (customers) to provide feedback to GBRA Management on Division activities.

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 2018 water sales revenue budget is estimated at $1,337,792 based on the 1,454 customers receiving a total retail volume of treated water at their meters of 77.639 MG. This is a reduction in the volume of water estimated to be delivered in earlier years and is due to the customer's response to the periodic drought conditions that exist.

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 $43.00 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 2018 are as follows:

Monthly Minimum	$43.00 for 2,000 gallons
Over 2,000 gallons to 5000 gallons	$6.05 per 1,000 gallons
Over 5000 gallons to 10,000 gallons	$7.05 per 1,000 gallons
Over 10,000 gallons to 25,000 gallons	$10.05 per 1,000 gallons
Over 25,000 gallons	$12.05 per 1,000 gallons

A second significant 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 2018. The addition of 24 new connections is again forecast for the system during FY 2018 to provide fee revenue of $52,800.

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 $54,000 for FY 2018 based on a per month per unit at the rate of $75.

CAPITAL ADDITIONS AND OPERATING EXPEDITURES

Significant operating expenses for the upcoming Fiscal Year include $10,200 for truck operating expenses, $9,000 for right-of-way rentals, $13,140 for office expenses including postage, communications, and computer operations, and $24,000 for operation of the Crestview wastewater system.

The most significant maintenance items are water lines, meters, and meter boxes at an estimated cost of $55,745 for materials and services. All of these replacement items are now charged directly to the job event and are no longer maintained in inventory in order to reduce administrative and carrying costs. A significant capital expenditure of $325,000 for meter replacements is also included in this budget.

Interdivision water purchases for FY2018 are budgeted at $255,248. 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 $50,000 for FY 2018.

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 reduction in fund balance after accounting for all budgeted sources of funds from customers and all uses of those funds for FY 2018 will be $11,140. Therefore, $11,800 of previously accumulated funds that are currently held in the division's financial reserves will be used to cover this operational deficit.

Staffing Summary

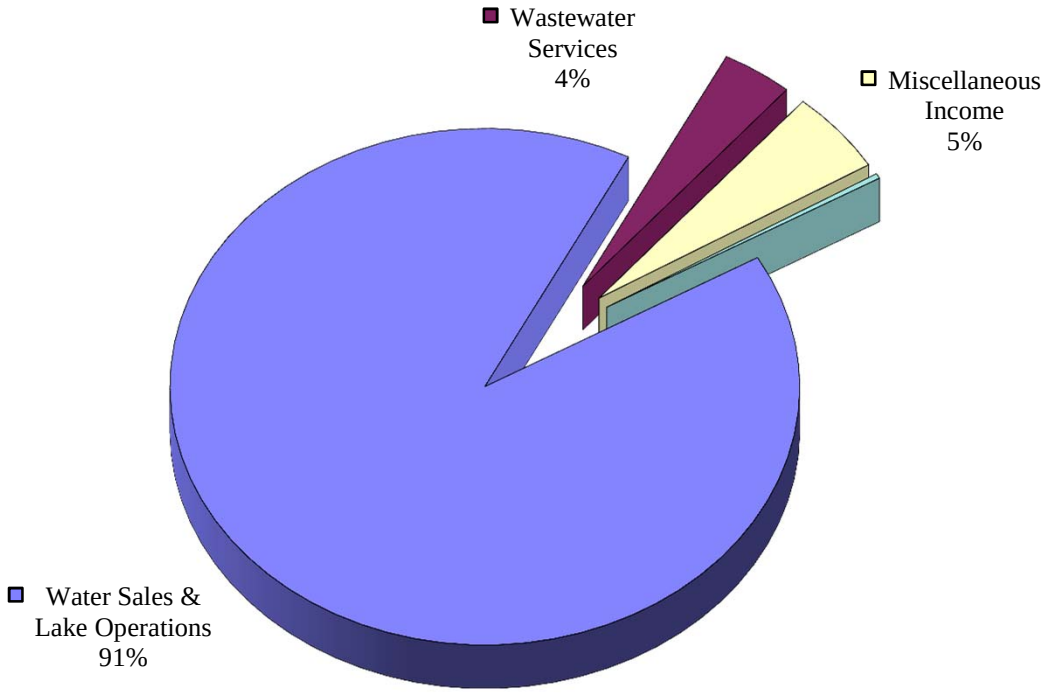
Rural Water Distribution	# of Authorized Positions (FTE)		
	2016	2017	2018
Chief Operator	1	1	1
Maintenance Operator	2	3	3
Customer Service Assistant	1	1	1
Total	**4**	**5**	**5**

Changes from FY 2016 to FY 2017
1-Maintenance Operator position was added.

Changes from FY 2017 to FY 2018
No staffing changes for this division.

Budget Summary

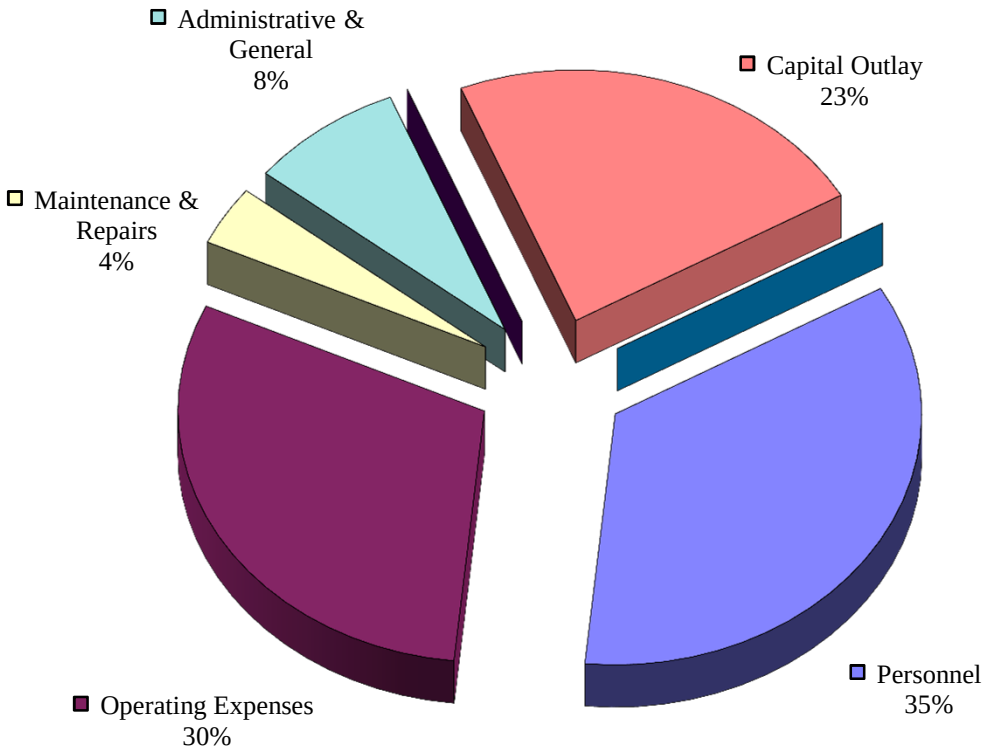
REVENUES - Rural Water



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	975,192	1,014,601	1,337,792
Recreation & Land Use			
Wastewater Services	50,120	54,000	54,000
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	89,954	75,800	75,800
Total Operating Revenue	**1,115,266**	**1,144,401**	**1,467,592**
Interest Income	4,750	4,020	4,500
Grand Total Revenues	**1,120,016**	**1,148,421**	**1,472,092**

Budget Summary

EXPENSES - Rural Water



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	442,559	526,829	517,903
Operating Expenses	400,758	447,953	449,180
Maintenance & Repairs	101,969	77,195	57,070
Administrative & General	102,803	122,893	121,079
Total Operating Expenses	**1,048,089**	**1,174,870**	**1,145,232**
Interest Expense			
Capital Outlay	37,225	6,000	338,000
Debt Service			
Grand Total Expenses	**1,085,314**	**1,180,870**	**1,483,232**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

070 - RURAL WATER

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WATER SALES & LAKE OPERATIONS:					
070-2413-10100:WATER SALES	852,888.70	975,192	1,014,601	1,337,792	323,191
Total WATER SALES & LAKE OPERATIONS	**852,888.70**	**975,192**	**1,014,601**	**1,337,792**	**323,191**
WASTEWATER SERVICES:					
070-2415-10100:SERVICE FEES-CRESTVIEW	50,388.00	50,120	54,000	54,000	
Total WASTEWATER SERVICES	**50,388.00**	**50,120**	**54,000**	**54,000**	
MISCELLANEOUS INCOME:					
070-2440-19900:MISCELLANEOUS REVENUES	12,378.09	20,633	18,000	18,000	
070-2440-30200:CRESTVIEW CONNECTION FEES			5,000	5,000	
070-2440-30300:WATER CONNECTION FEES	20,190.00	25,485	24,000	24,000	
070-2440-30400:MEMBERSHIP FEES	37,100.00	39,300	28,800	28,800	
Total MISCELLANEOUS INCOME	**69,668.09**	**85,418**	**75,800**	**75,800**	
INTEREST INCOME:					
070-2420-10000:INT ON OPERATING FUNDS	4,003.03	4,811	3,960	4,500	540
070-2420-10001:FAIR VALUE CHG OF INVEST.	(157.50)	(139)			
070-2420-15000:INT ON NOW ACCTS	20.59	78	60		(60)
Total INTEREST INCOME	**3,866.12**	**4,750**	**4,020**	**4,500**	**480**
GAIN(LOSS) ON SALE OF ASSETS:					
070-2612-00000:LOSS ON SALE OF ASSETS		4,536			
Total GAIN(LOSS) ON SALE OF ASSETS		**4,536**			
TOTAL OPERATING REVENUES	**976,810.91**	**1,120,016**	**1,148,421**	**1,472,092**	**323,671**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	18,669.35	25,601	30,280	28,293	(1,987)
SUPERVISION	13,730.93	23,486	41,257	24,678	(16,579)
OPERATING LABOR	178,835.13	209,368	300,869	313,935	13,066
MAINTENANCE LABOR	31,290.73	53,070			
Total SALARIES & WAGES	**242,526.14**	**311,524**	**372,405**	**366,906**	**(5,499)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

070 - RURAL WATER

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
EMPLOYEE EXPENSES & BENEFITS:					
070-2512-20000:EMPLOYEES' TRAVEL	1,127.23	2,144	3,600	2,400	(1,200)
070-2512-30000:EMPLOYEE BENEFITS	97,896.07	128,891	150,824	148,597	(2,227)
Total EMPLOYEE EXPENSES & BENEFITS	**99,023.30**	**131,035**	**154,424**	**150,997**	**(3,427)**
OPERATING SUPPLIES & SERVICES:					
070-2513-10000:TRUCK OPERATING EXPENSES	8,582.07	4,298	16,920	10,200	(6,720)
070-2513-12001:BUILDING RENTAL	4,272.00	4,272		4,272	4,272
070-2513-12003:RIGHT-OF-WAY RENTALS	8,184.45	8,430	8,700	9,000	300
070-2513-16000:PUBLIC INFORMATION	2,605.51	1,920	1,680	3,600	1,920
070-2513-17000:DUES AND MEMBERSHIPS	442.13	1,238	840	1,200	360
070-2513-18000:PUBLICATIONS AND BOOKS	71.00	79	240	1,200	960
070-2513-19000:SMALL TOOLS EXPENSE	4,421.53	3,244	3,000	3,000	
070-2513-20000:TRACTORS AND EQUIPMENT	2,884.06	1,352	2,400	1,200	(1,200)
070-2513-21000:UNIFORMS AND LAUNDRY	2,076.07	3,212	2,820	3,200	380
070-2513-22001:TRANSMISSION CHARGES	43,310.00	46,255	56,160	50,000	(6,160)
070-2513-23000:BAD DEBT EXPENSE	591.56	1,757	1,200	1,200	
070-2513-27000:TRAINING EXPENSES	690.00	5,506	2,400	4,800	2,400
070-2513-29000:SAFETY & EMERG. EXPENSES	1,942.22	3,984	2,040	2,400	360
070-2513-29200:SECURITY EXPENSE	4,909.00	2,516	2,760	2,760	
070-2513-30000:POWER AND UTILITIES	6,884.61	6,208	7,020	7,020	
070-2513-50000:LAB SUPPLIES & EXPENSES	2,452.99	5,502	4,020	6,000	1,980
070-2513-60000:PROFESSIONAL FEES	81.00	635	8,700	15,000	6,300
070-2513-61000:CONTRACT LABOR	28,962.47	7,527	1,200	1,200	
070-2513-64000:CRESTVIEW EXPENSES	22,935.09	22,366	23,400	24,000	600
070-2513-65000:INSPECTION FEES	2,853.05	3,196	3,480	3,600	120
070-2513-70000:COMMUNICATIONS	3,488.32	4,060	3,600	4,000	400
070-2513-80000:OFFICE SUPPLIES & EXPENSES	12,594.75	12,096	12,000	13,140	1,140
070-2513-80200:COMPUTER SUPPLIES & SERVICE	3,778.50	8,142	8,040	6,000	(2,040)
070-2513-81500:BANK SERVICE FEES	1.09				
070-2513-90000:INSURANCE EXPENSE	9,631.25	13,906	15,000	13,900	(1,100)
070-2513-99900:MISCELLANEOUS EXPENSES	1,684.60	2,166	2,040	2,040	
Total OPERATING SUPPLIES & SERVICES	**180,329.32**	**173,866**	**189,660**	**193,932**	**4,272**
MAINTENANCE & REPAIR					
MATERIAL:					
070-2520-20001:M&R/MAT- WATER LINES	7,166.86	18,538	11,220	11,220	
070-2520-20002:M&R/MAT- TOOLS &EQUIPMENT	763.79	1,208	1,080	1,080	
070-2520-20003:M&R/MAT- METERS	30,423.52	26,360	28,800	5,280	(23,520)
070-2520-20005:M&R/MAT- TRUCKS	279.95	105			
070-2520-20006:M&R/MAT- TELEMETRY EQUIP			120		(120)
070-2520-20007:M&R/MAT- RADIO EQUIPMENT			120		(120)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

070 - RURAL WATER

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
070-2520-20008:M&R/MAT- STOCK BUILDING	347.44	539	480	750	270
070-2520-20009:M&R/MAT- PUMPS AND MOTORS	170.29	1,524	1,050	3,000	1,950
070-2520-20010:M&R/MAT- METER BOXES	11,562.25	13,851	16,565	13,000	(3,565)
070-2520-20011:M&R/MAT- PRSR TANKS &CONT		40			
070-2520-20014:M&R/MAT- VALVES	1,267.27	2,881			
070-2520-20015:M&R/MAT- MAIN PUMP STATIO			480	2,400	1,920
070-2520-20016:M&R/MAT- IND.BOOSTER STAT			1,200		(1,200)
070-2520-20017:M&R/MAT- PT.O'CON STATION			1,200		(1,200)
070-2520-20018:M&R/MAT- 6 MILE STATION	3,319.46	1,473			
070-2520-20021:M&R/MAT- TRAILER	226.64	954	1,200	600	(600)
070-2520-20022:M&R/MAT- 3/4 TON PICKUP	151.04	177			
070-2520-20023:M&R/MAT- OFFICE BUILDING	604.06	720			
070-2520-20024:M&R/MAT- TRACK HOE	52.74	116	900	240	(660)
070-2520-20025:M&R/MAT- TRUCK	98.65	1,495			
070-2520-20027:M&R/MAT- BORING MACHINE	479.57	(45)			
070-2520-20028:M&R/MAT- TRACTORS	384.11	495			
070-2520-20030:M&R/MAT- CRESTVIEW	1,403.84	340	1,800	1,080	(720)
070-2520-20099:M&R/MAT- OTHER		174	1,140	900	(240)
Total MATERIAL	**58,701.48**	**70,945**	**67,355**	**39,550**	**(27,805)**
SERVICES:					
070-2520-30001:M&R/SER- WATER LINES		13,500			
070-2520-30002:M&R/SER- TOOLS &EQUIPMENT	149.35		1,080	1,080	
070-2520-30003:M&R/SER- METERS	795.79	1,365	1,200	1,500	300
070-2520-30004:M&R/SER- BACKFLOW PREVENT	112.50	225	120	120	
070-2520-30005:M&R/SER- TRUCKS	448.53	136			
070-2520-30006:M&R/SER- TELEMETRY EQUIP		1,067	480	2,400	1,920
070-2520-30007:M&R/SER- RADIO EQUIPMENT			480	2,400	1,920
070-2520-30008:M&R/SER- STOCK BUILDING	489.34		120	120	
070-2520-30009:M&R/SER- PUMPS AND MOTORS			840		(840)
070-2520-30015:M&R/SER- MAIN PUMP STATION				2,400	2,400
070-2520-30016:M&R/SER- IND.BOOSTER STAT			120		(120)
070-2520-30018:M&R/SER- 6 MILE STATION	2,644.82	4,119	1,200		(1,200)
070-2520-30021:M&R/SER- TRAILER	1,462.29	39	240	1,200	960
070-2520-30022:M&R/SER- 3/4 TON PICKUP	6,576.68	8,090			
070-2520-30023:M&R/SER- OFFICE BUILDING	1,547.02	1,710			
070-2520-30024:M&R/SER- TRACK HOE			1,020	2,400	1,380
070-2520-30025:M&R/SER- TRUCK	3,773.44	772			
070-2520-30028:M&R/SER- TRACTORS	2,442.99				
070-2520-30030:M&R/SER- CRESTVIEW	127.63		1,200	2,400	1,200
070-2520-30099:M&R/SER- OTHER			1,740	1,500	(240)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

070 - RURAL WATER

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total SERVICES	**20,570.38**	**31,023**	**9,840**	**17,520**	**7,680**
CREDITS:					
070-2522-10000:EQUIPMENT USE CREDITS		(268)			
Total CREDITS		**(268)**			
ADMINISTRATIVE & GENERAL:					
070-2525-00000:A & G EXPENSES	80,033.60	102,803	122,893	121,079	(1,814)
Total ADMINISTRATIVE & GENERAL	**80,033.60**	**102,803**	**122,893**	**121,079**	**(1,814)**
WATER PURCHASES/DELIVERY:					
070-2526-00000:INTERDIVISION WATER PURCH	236,181.92	227,160	258,293	255,248	(3,045)
Total WATER PURCHASES/DELIVERY	**236,181.92**	**227,160**	**258,293**	**255,248**	**(3,045)**
PURCHASES OF FIXED ASSETS					
LAND & LAND RIGHTS					
STRUCTURES & IMPROVEMENTS				325,000	325,000
AUTO & HEAVY EQUIPMENT		8,118			
OFFICE FURN & EQUIPMENT					
MISCELLANEOUS EQUIPMENT			6,000	13,000	7,000
Total PURCHASES OF FIXED ASSETS		**8,118**	**6,000**	**338,000**	**332,000**
WIP-OPERATING		**18,260**	**28,000**		**(28,000)**
WIP-OTHER CONSTRUCTION		2,713			
TOTAL OPERATING EXPENSES	**917,366.14**	**1,077,181**	**1,208,870**	**1,483,232**	**274,362**
NET OPERATING INCOME	**59,444.77**	**42,835**	**(60,449)**	**(11,140)**	**49,309**
INTERFUND LOANS RECEIVED:					
070-1213-00001:GENERAL LOANS REC.	27,000.00				

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

070 - RURAL WATER

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total INTERFUND LOANS RECEIVED	**27,000.00**				
USE OF RESERVE FUNDS:					
070-1131-00001:SOURCE-CHANGE IN RESTR. FUNDS			60,500	11,800	(48,700)
Total USE OF RESERVE FUNDS			**60,500**	**11,800**	**(48,700)**
TOTAL NON-REVENUE FUNDS RECEIVED	**27,000.00**		**60,500**	**11,800**	**(48,700)**
DEBT SERVICE PAYMENTS:					
070-1213-00002:GENERAL LOANS PAID	27,000.00				
Total DEBT SERVICE PAYMENTS	**27,000.00**				
TOTAL NON-OPERATING FUNDS APPLIED	**27,000.00**				
NET CHANGE IN FUND BALANCE	**59,444.77**	**42,835**	**51**	**660**	**609**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

070 - RURAL WATER

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
WIP - OPERATING					
070-1114-20180:SIX MILE STN IMPROVEMENTS-MAT			16,000		(16,000)
Total			**16,000**		**(16,000)**
070-1114-83607:MAXWELL DITCH CROSSING-SERVIC		18,260			
Total		**18,260**			
070-1114-85607:OCEAN DRIVE UPGRADE-SERVICE			12,000		(12,000)
Total			**12,000**		**(12,000)**
TOTAL WIP - OPERATING		**18,260**	**28,000**		**(28,000)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

RURAL WATER

	FY 2018 BUDGET
STRUCTURES & IMPROVEMENTS	
DRIVE-BY METER SYSTEM UPGRADE	325,000
Total STRUCTURES & IMPROVEMENTS	**325,000**
MISCELLANEOUS EQUIPMENT	
ENGINE DRIVEN DIAPHRAM PUMP	3,000
NIGHT DROP BOX	10,000
Total MISCELLANEOUS EQUIPMENT	**13,000**
TOTAL CAPITAL ADDITIONS	**338,000**



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
- Location: Fannin, TX
- Startup Operation Date: 1981
- Customer: Dynegy - Coleto Creek Power
- Capacity: 35,084 acre feet
- # of Current Employees: 6
- Budgeted Revenue: $950,916

Coleto Creek Division
Coleto Creek Reservoir System
Operating Plan for Fiscal Year Ending 8/31/18

BACKGROUND

The Coleto 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 Coleto 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 Coleto 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.

Dynegy, a Houston based electric company, completed the purchase of the Coleto Creek Power Station from ENGIE (formerly GDF Suez) on February 7, 2017. The power plant will continue to operate under the existing company name Coleto Creek Power, LP.

The following reservoir system work plan and budget describes the operations, maintenance, and capital additions to be performed during Fiscal Year 2018. 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 management 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.

No changes are proposed in the staffing and organization of the System. The Reservoir System will be supervised by the Executive Manager of Operations & Water Quality and operated by a Chief Operator, 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 regime 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 Coleto Creek Reservoir System since the Coleto Creek Power Station agrees to reimburse GBRA for all costs of operation.

The total revenue budgeted to be received next year is $950,916 compared to budgeted revenue of $924,978 for FY2017. This 2.8% increase reflects the increase in budgeted operating costs described below.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Significant operating expenses for the ensuing Fiscal Year include $18,144 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 $10,200 is budgeted under professional fees including $6,000 to contract with HALFF for the update inundation maps and shape files used with the Coleto Creek Reservoir Emergency Action Plan. Another significant expense included is $12,000 under security expenses for increased video coverage of the main spillway.

Significant maintenance and repair expenses for the ensuing Fiscal Year include $7,140 for the installation of stop logs in front of main spillway spillgate number 7 for purposes of inspecting the skin plate, cathodic protection system, and replacement of hoist connecting U-bolts. Other significant expenses include $5,000 for the ongoing treatment of aquatic weeds, and $3,960 for the aerial application of fertilizer on the main dam slopes.

No new equipment purchases are included in the FY 2018 budget.

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 Coleto 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 FY2018 amounts to $0.

Staffing Summary

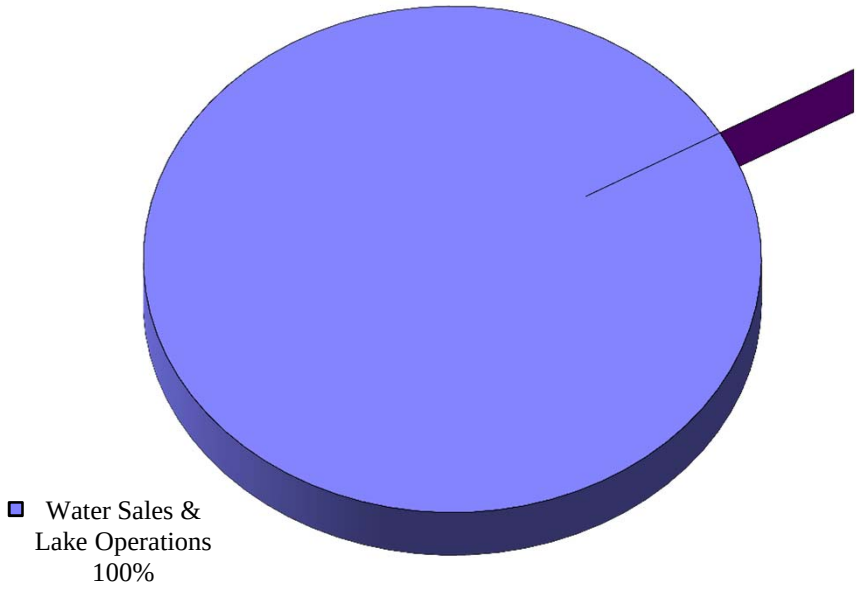
Coleto Creek Reservoir	# of Authorized Positions (FTE)		
	2016	2017	2018
Chief Operator	1	1	1
Electrical/Instrumentation Technician	1	1	1
Office Manager	1	1	1
Maintenance Crew	3	3	3
Total	**6**	**6**	**6**

Changes from FY 2016 to FY 2017
No staffing changes for this division.

Changes from FY 2017 to FY 2018
No staffing changes for this division.

Budget Summary

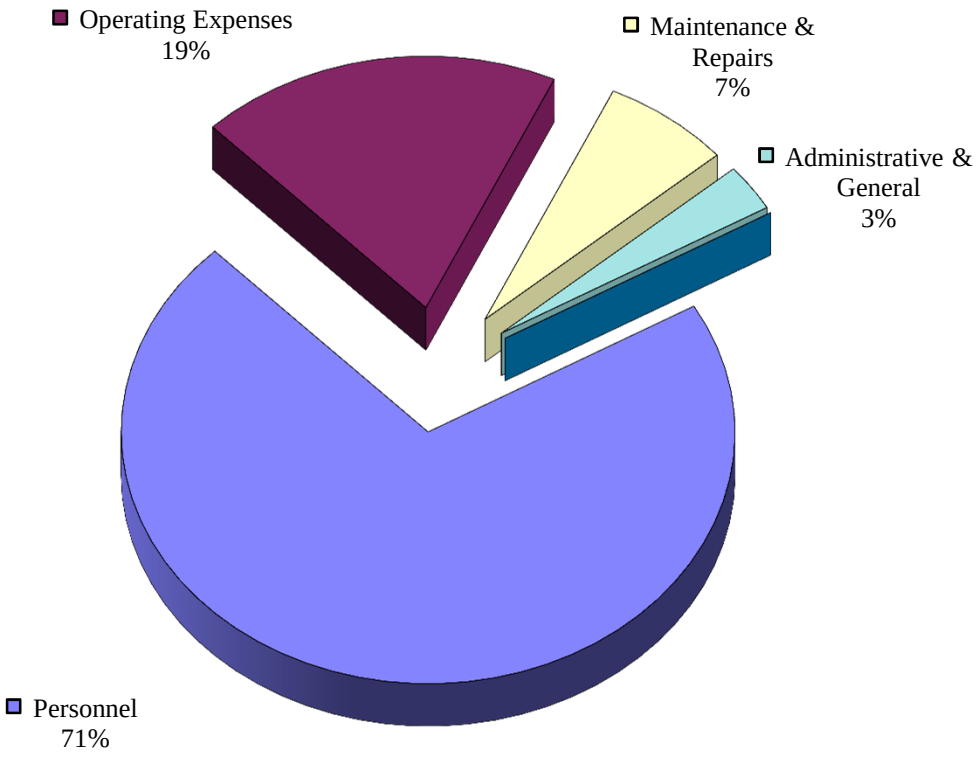
REVENUES - Coleto Creek Reservoir



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	899,645	924,979	950,916
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	9,120		
Total Operating Revenues	**908,764**	**924,979**	**950,916**
Interest Income	2		
Grand Total Revenues	**908,766**	**924,979**	**950,916**

Budget Summary

EXPENSES - Coleto Creek Reservoir



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	643,633	666,676	676,045
Operating Expenses	139,794	158,456	181,726
Maintenance & Repairs	73,981	73,556	64,596
Administrative & General	33,833	26,290	28,549
Total Operating Expenses	**891,241**	**924,978**	**950,916**
Interest Expense			
Capital Outlay	12,991		
Debt Service			
Grand Total Expenses	**904,231**	**924,978**	**950,916**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

091 - COLETO CREEK RESERVOIR

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WATER SALES & LAKE OPERATIONS:					
091-2413-10100:COLETO CREEK POWER,LP- O&M EX	918,694.85	860,808	898,689	922,367	23,679
091-2413-10200:COLETO CREEK POWER,LP- A&G EX	35,322.18	33,833	26,290	28,549	2,259
091-2413-30100:CCP,LP- ADDS. TO PLANT & EQUIP	17,750.04	5,004			
Total WATER SALES & LAKE OPERATIONS	**971,767.07**	**899,645**	**924,979**	**950,916**	**25,938**
MISCELLANEOUS INCOME:					
091-2440-19900:MISCELLANEOUS REVENUES	5,674.02	9,120			
Total MISCELLANEOUS INCOME	**5,674.02**	**9,120**			
INTEREST INCOME:					
091-2420-10000:INT ON OPERATING FUNDS		2			
Total INTEREST INCOME		**2**			
TOTAL OPERATING REVENUES	**977,441.09**	**908,766**	**924,979**	**950,916**	**25,938**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	14,492.61	15,430	17,987	21,834	3,847
SUPERVISION	2,352.15	9,343	14,502	808	(13,694)
OPERATING LABOR	226,418.29	236,946	439,434	455,949	16,515
MAINTENANCE LABOR	187,142.08	192,163			
Total SALARIES & WAGES	**430,405.13**	**453,883**	**471,923**	**478,591**	**6,668**
EMPLOYEE EXPENSES & BENEFITS:					
091-2512-20000:EMPLOYEES' TRAVEL	1,405.92	1,244	3,624	3,624	
091-2512-30000:EMPLOYEE BENEFITS	176,051.44	188,506	191,129	193,830	2,701
Total EMPLOYEE EXPENSES & BENEFITS	**177,457.36**	**189,751**	**194,753**	**197,454**	**2,701**
OPERATING SUPPLIES & SERVICES:					
091-2513-10000:TRUCK OPERATING EXPENSES	21,705.95	14,286	22,800	22,236	(564)
091-2513-12001:BUILDING RENTAL	18,864.00	11,916	14,080	38,626	24,546
091-2513-17000:DUES AND MEMBERSHIPS	165.00	175	888	888	
091-2513-18000:PUBLICATIONS AND BOOKS	86.00	99	780	780	
091-2513-19000:SMALL TOOLS EXPENSE	1,824.79	2,525	2,076	2,076	
091-2513-20000:TRACTORS AND EQUIPMENT	1,711.27	84	540	4,140	3,600
091-2513-20100:BOAT OPERATING			324	924	600

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

091 - COLETO CREEK RESERVOIR

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
091-2513-21000:UNIFORMS AND LAUNDRY	3,701.54	4,140	3,420	3,420	
091-2513-22000:PROCESS/SPECIAL OPERATING	3,175.46	1,380	1,800	1,800	
091-2513-24000:GAUGING/MONITORING	17,273.34	16,125	17,448	18,144	696
091-2513-27000:TRAINING EXPENSES	581.55	1,437	3,048	3,048	
091-2513-29000:SAFETY & EMERG. EXPENSES	10,037.19	13,932	13,548	13,548	
091-2513-29200:SECURITY EXPENSE	109.90	1,834	804	12,000	11,196
091-2513-30000:POWER AND UTILITIES	4,015.58	3,977	4,032	4,032	
091-2513-30001:PUMP STATION POWER/UTILIT	114,174.92	35,622	12,000	12,000	
091-2513-50000:LAB SUPPLIES & EXPENSES	286.00	421	468	468	
091-2513-60000:PROFESSIONAL FEES	12,891.22	10,935	25,200	10,200	(15,000)
091-2513-70000:COMMUNICATIONS	1,091.60	896	3,996	3,996	
091-2513-80000:OFFICE SUPPLIES & EXPENSES	4,464.05	4,363	4,896	4,896	
091-2513-80200:COMPUTER SUPPLIES & SERVICE	4,758.53	5,195	4,776	5,772	996
091-2513-90000:INSURANCE EXPENSE	12,653.81	13,124	17,200	14,400	(2,800)
091-2513-99900:MISCELLANEOUS EXPENSES	1,157.11	1,664	4,332	4,332	
Total OPERATING SUPPLIES & SERVICES	**234,728.81**	**144,129**	**158,456**	**181,726**	**23,270**
MAINTENANCE & REPAIR					
MATERIAL:					
091-2520-20001:M&R/MAT- PUMPS	825.73	250	984	984	
091-2520-20002:M&R/MAT- MAIN SPILLGATES	3,689.60		720	1,860	1,140
091-2520-20003:M&R/MAT- DIKES SPILLGATES	1,000.00	171	240		(240)
091-2520-20004:M&R/MAT- S/GATES & T/RACK		7,165	180		(180)
091-2520-20005:M&R/MAT- INST & MONITOR	14,170.64	3,953	5,520	5,520	
091-2520-20006:M&R/MAT- MAIN MTRS/HOISTS		847	360		(360)
091-2520-20007:M&R/MAT- DIKE MTRS/HOISTS		686	360		(360)
091-2520-20009:M&R/MAT- PIPELINE	925.99		480		(480)
091-2520-20010:M&R/MAT- PIEZOMETERS			240	240	
091-2520-20011:M&R/MAT- ELECTRICAL	2,207.90	796	1,800	2,124	324
091-2520-20012:M&R/MAT- EMERG. GENERATOR	1,017.55	1,263	1,800	1,800	
091-2520-20014:M&R/MAT- GROUNDSKEEPING	8,718.01	5,612	9,360	9,360	
091-2520-20016:M&R/MAT- TRACTORS	5,929.55	1,513	2,400		(2,400)
091-2520-20017:M&R/MAT- BUOYS		1,010	240	240	
091-2520-20018:M&R/MAT- ROW/FENCES	5,701.88	4,261	3,600	3,600	
091-2520-20019:M&R/MAT- FLUME LEVEES			192		(192)
091-2520-20020:M&R/MAT- EQUIP. PAINTING		1,409	2,400	2,400	
091-2520-20022:M&R/MAT- LIGHT SYSTEM		275	320		(320)
091-2520-20023:M&R/MAT- ROADS & BRIDGES	7,563.04	6,500	2,928	2,928	
091-2520-20024:M&R/MAT- EROSION & DRAIN	1,652.66	80	1,200	1,200	
091-2520-20025:M&R/MAT- TOOLS & EQUIP	809.48	3,302	4,752	2,748	(2,004)
091-2520-20026:M&R/MAT- RADIO EQUIP	74.75		120		(120)
091-2520-20027:M&R/MAT- BOAT	463.40		120		(120)
091-2520-20028:M&R/MAT- UNIT 90		146			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

091 - COLETO CREEK RESERVOIR

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
091-2520-20029:M&R/MAT- UNIT 91	293.84	762			
091-2520-20030:M&R/MAT- UNIT 92	7.11				
091-2520-20031:M&R/MAT- UNIT 93		628			
091-2520-20032:M&R/MAT- SLEEPY HOLLOW			120		(120)
Total MATERIAL	**55,051.13**	**40,628**	**40,436**	**35,004**	**(5,432)**
SERVICES:					
091-2520-30001:M&R/SER- PUMPS	11,812.80	5,043	3,504		(3,504)
091-2520-30002:M&R/SER- MAIN SPILLGATES	8,080.00	7,895	7,140	7,620	480
091-2520-30003:M&R/SER- DIKES SPILLGATES		2,978			
091-2520-30004:M&R/SER- S/GATES & T/RACK		5,835			
091-2520-30005:M&R/SER- INST & MONITOR	5,906.00	9,386	5,376	5,376	
091-2520-30006:M&R/SER- MAIN MTRS/HOISTS			240		(240)
091-2520-30007:M&R/SER- DIKE MTRS/HOISTS			240		(240)
091-2520-30011:M&R/SER- ELECTRICAL	347.64				
091-2520-30012:M&R/SER- EMERG. GENERATOR			996	996	
091-2520-30014:M&R/SER- GROUNDSKEEPING	347.64	1,650	1,560	5,520	3,960
091-2520-30016:M&R/SER- TRACTORS	240.50		1,200		(1,200)
091-2520-30018:M&R/SER- ROW/FENCES			2,208	2,208	
091-2520-30023:M&R/SER- ROADS & BRIDGES			6,372	6,372	
091-2520-30024:M&R/SER- EROSION & DRAIN	5,061.51		1,200	1,200	
091-2520-30025:M&R/SER- TOOLS & EQUIP	695.28	363	2,244	300	(1,944)
091-2520-30026:M&R/SER- RADIO EQUIP	80.00		360		(360)
091-2520-30027:M&R/SER- BOAT	280.00		480		(480)
091-2520-30028:M&R/SER- UNIT 90	7.00	7			
091-2520-30029:M&R/SER- UNIT 91		7			
091-2520-30030:M&R/SER- UNIT 92	7.00				
091-2520-30031:M&R/SER- UNIT 93		103			
091-2520-30099:M&R/SER- OTHER	87.50	88			
Total SERVICES	**32,952.87**	**33,353**	**33,120**	**29,592**	**(3,528)**
CREDITS:					
091-2522-10000:EQUIPMENT USE CREDITS	(5,457.21)	(4,335)			
Total CREDITS	**(5,457.21)**	**(4,335)**			
ADMINISTRATIVE & GENERAL:					
091-2525-00000:A & G EXPENSES	35,322.18	33,833	26,290	28,549	2,259

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

091 - COLETO CREEK RESERVOIR

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total ADMINISTRATIVE & GENERAL	**35,322.18**	**33,833**	**26,290**	**28,549**	**2,259**
PURCHASES OF FIXED ASSETS					
SPECIALIZED OPER. EQUIPMENT					
AUTO & HEAVY EQUIPMENT	14,688.96	12,991			
OFFICE FURN & EQUIPMENT					
MISCELLANEOUS EQUIPMENT	2,260.30				
Total PURCHASES OF FIXED ASSETS	**16,949.26**	**12,991**			
TOTAL OPERATING EXPENSES	**977,409.53**	**904,231**	**924,978**	**950,916**	**25,937**
NET OPERATING INCOME	**31.56**	**4,535**	**0**	**0**	**0**
TOTAL NON-REVENUE FUNDS RECEIVED					
TOTAL NON-OPERATING FUNDS APPLIED					
NET CHANGE IN FUND BALANCE	**31.56**	**4,535**	**0**	**0**	**0**



Coleto Creek Recreation

The Park currently has:

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

- Service Provided: Water Recreation
- Location: Fannin, TX
- Startup Operation Date: 1981
- Customer: Public recreationalist
- # of Current Employees: 8
- Budgeted Revenue: $867,266

Coleto Creek Division
Coleto Creek Recreation System
Operating Plan for Fiscal Year Ending 8/31/18

BACKGROUND

The Coleto 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 Coleto Creek Park located adjacent to the Coleto 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 2018 fiscal year by the Recreation System. The objectives of the work plan are to operate and maintain the Coleto 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 insure 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. Coleto 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 camping cabins, 4 rental travel trailers, 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 150 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, recreation grants, and office space rentals to the Reservoir System.

The Recreation System will be managed by the Executive Manager for Water Resources and Utility Operations, and operated by a Chief Ranger, six full-time Rangers, a Summer Ranger, and Park Host Couples. 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 Coleto Creek Park. These amounts are estimated at $687,240; $36,000; $81,000; $22,000; and $2,400 respectively. The proposed fee schedule for FY 2018 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 $ 7,000 for Public Information, $ 6,500 for Truck Operating, $11,000 for process/special operating, $4,800 for communications, $39,000 for park electrical power, $ 7,200 for Headquarters Power & Utilities, $4,000 for Office Supplies, $4,980 for Computer Supplies and Services, $22,000 for banking fees due to park patrons using credit and debit cards, and $19,600 for insurance costs.

Significant maintenance and repair expenses for the ensuing fiscal year includes $13,200 for HQ services, $4,020 for Garbage Handling for park trash collection services, $3,680 in materials for Grounds Care Equipment, and $4000 in materials budgeted for Grounds Keeping.

A Work Authorization is proposed in the form of replacement of the 38 year old playground in the Park's Picnic Area at a projected expense of $ 10,000. Capital Additions purchase is also proposed for replacement of one of the park's work trucks at a projected expense of $20,000, replacement of the Pressure Water Tank in the Park's public water supply system at a projected expense of $ 52,000.

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

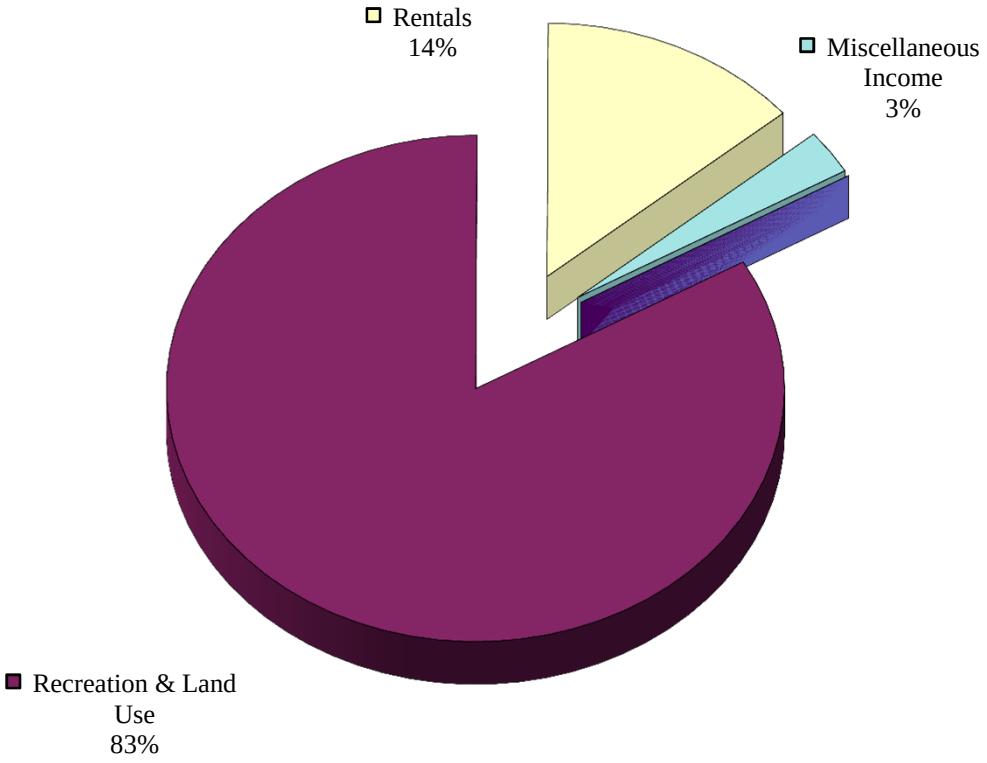
Coleto Creek Recreation	# of Authorized Positions (FTE)		
	2016	2017	2018
Chief Ranger	1	1	1
Reservoir Ranger	6	6	6
Administrative Assistant	1	1	1
Seasonal Ranger	0.5	0.5	---
Total	**8.5**	**8.5**	**8**

Changes from FY 2016 to FY 2017
No staffing changes for this division.

Changes from FY 2017 to FY 2018
½-Seasonal Ranger was removed.

Budget Summary

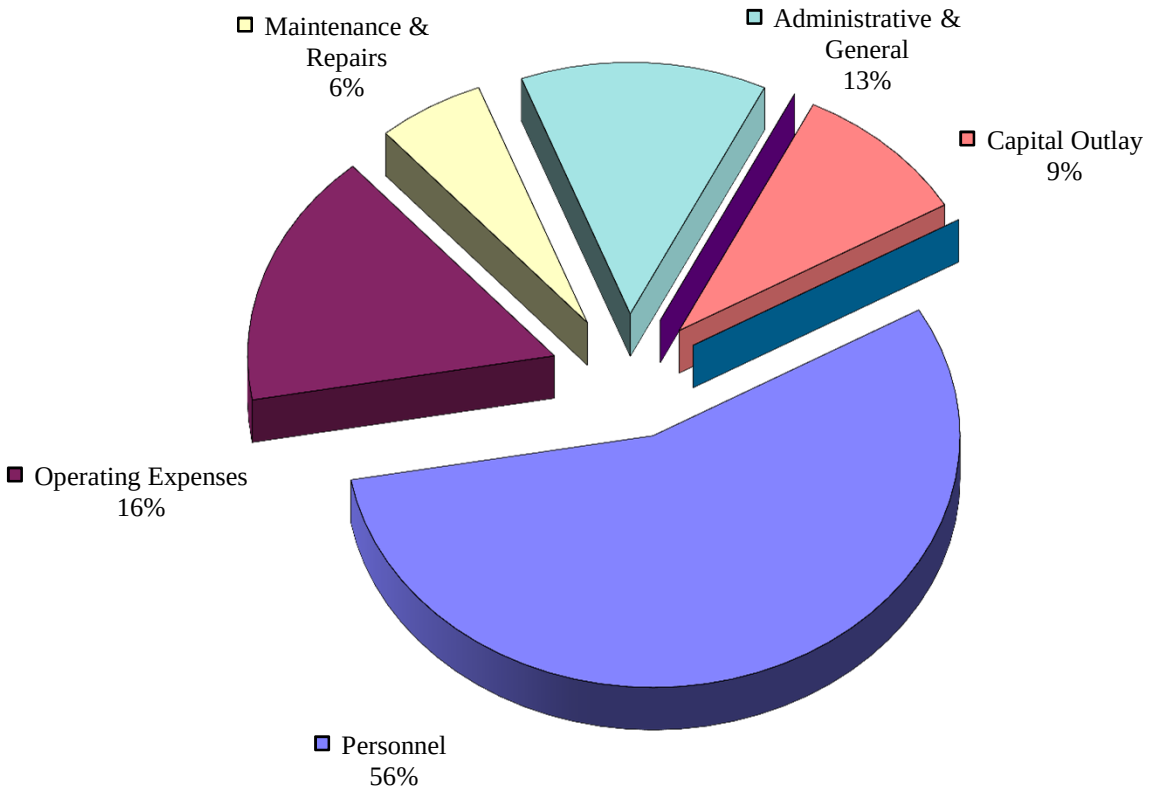
REVENUES - Coleto Creek Recreation



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations			
Recreation & Land Use	641,236	677,000	723,240
Wastewater Services			
Laboratory Services			
Rentals	91,281	94,080	119,626
Administrative & General			
Miscellaneous Income	23,572	123,400	24,400
Total Operating Revenues	**756,089**	**894,480**	**867,266**
Interest Income	29	36	
Grand Total Revenues	**756,118**	**894,516**	**867,266**

Budget Summary

EXPENSES - Coleto Creek Recreation



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	454,690	465,129	481,325
Operating Expenses	130,634	143,988	142,080
Maintenance & Repairs	31,206	27,960	49,000
Administrative & General	104,583	108,966	112,464
Total Operating Expenses	**721,113**	**746,043**	**784,869**
Interest Expense			
Capital Outlay		10,000	82,000
Debt Service	23,500		
Grand Total Expenses	**744,613**	**756,043**	**866,869**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

092 - COLETO CREEK RECREATION

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
RECREATION & LAND USE:					
092-2414-10100:RECREATION FEES	579,536.97	629,602	645,000	687,240	42,240
092-2414-10200:HUNTING REVENUES	55,030.00	11,629	32,000	36,000	4,000
092-2414-10300:PARK DONATIONS		5			
Total RECREATION & LAND USE	**634,566.97**	**641,236**	**677,000**	**723,240**	**46,240**
RENTALS:					
092-2417-10100:LEASE REVENUES	74,943.75	79,365	80,000	81,000	1,000
092-2417-10200:EQUIP AND BUILDING	18,864.00	11,916	14,080	38,626	24,546
Total RENTALS	**93,807.75**	**91,281**	**94,080**	**119,626**	**25,546**
MISCELLANEOUS INCOME:					
092-2440-19600:DONATIONS/SPONSORSHIPS/GRANT			121,000	22,000	(99,000)
092-2440-19800:CONCESSION/EVENTS REVENUE		7,672			
092-2440-19900:MISCELLANEOUS REVENUES	11,946.55	12,107	2,400	2,400	
Total MISCELLANEOUS INCOME	**11,946.55**	**19,779**	**123,400**	**24,400**	**(99,000)**
INTEREST INCOME:					
092-2420-15000:INT ON NOW ACCTS	24.92	29	36		(36)
Total INTEREST INCOME	**24.92**	**29**	**36**		**(36)**
GAIN(LOSS) ON SALE OF ASSETS:					
092-2612-00000:LOSS ON SALE OF ASSETS		3,793			
Total GAIN(LOSS) ON SALE OF ASSETS		**3,793**			
TOTAL OPERATING REVENUES	**740,346.19**	**756,118**	**894,516**	**867,266**	**(27,250)**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	22,906.85	22,901	26,957	34,966	8,009
SUPERVISION	967.72	7,128	9,579	202	(9,377)
OPERATING LABOR	211,227.05	203,207	293,663	305,632	11,969
MAINTENANCE LABOR	81,051.06	83,682			
Total SALARIES & WAGES	**316,152.68**	**316,918**	**330,199**	**340,801**	**10,602**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

092 - COLETO CREEK RECREATION

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
EMPLOYEE EXPENSES & BENEFITS:					
092-2512-20000:EMPLOYEES' TRAVEL	1,435.59	941	1,200	2,500	1,300
092-2512-30000:EMPLOYEE BENEFITS	122,894.76	136,831	133,730	138,024	4,294
Total EMPLOYEE EXPENSES & BENEFITS	**124,330.35**	**137,772**	**134,930**	**140,524**	**5,594**
OPERATING SUPPLIES & SERVICES:					
092-2513-10000:TRUCK OPERATING EXPENSES	4,143.12	2,613	5,320	6,500	1,180
092-2513-10002:AUTO OPERATING EXPENSES	1,295.34	1,302			
092-2513-16000:PUBLIC INFORMATION	6,561.00	4,961	7,008	7,000	(8)
092-2513-17000:DUES AND MEMBERSHIPS	1,689.13	1,867	1,600	1,920	320
092-2513-18000:PUBLICATIONS AND BOOKS	116.00	129			
092-2513-20000:GROUNDS CARE EQUIPMENT		117			
092-2513-21000:UNIFORMS AND LAUNDRY	919.02	2,241	1,200	1,200	
092-2513-22000:PROCESS/SPECIAL OPERATING	6,714.16	4,183	8,280	11,000	2,720
092-2513-27000:TRAINING EXPENSES	2,024.44	2,365	3,160	3,240	80
092-2513-29000:SAFETY & EMERG. EXPENSES	1,804.99	3,966	2,400	3,060	660
092-2513-30002:PARK POWER AND UTILITIES	43,254.20	34,038	45,000	39,000	(6,000)
092-2513-30200:HDQTRS POWER & UTILITIES	7,453.12	6,669	7,600	7,200	(400)
092-2513-30300:GROUP SHELTER POWER&UTIL	1,069.29	1,002	900	900	
092-2513-30400:SHOP/WELL PUMP UTILITIES	595.40	639	640	640	
092-2513-50000:LAB SUPPLIES & EXPENSES	294.49	854			
092-2513-60000:PROFESSIONAL FEES		635			
092-2513-70000:COMMUNICATIONS	3,988.79	4,589	3,200	4,800	1,600
092-2513-80000:OFFICE SUPPLIES & EXPENSES	4,917.83	4,202	1,780	4,000	2,220
092-2513-80200:COMPUTER SUPPLIES & SERVICE	5,571.29	4,908	3,600	4,980	1,380
092-2513-81500:BANK SERVICE FEES	22,953.17	25,904	25,000	22,000	(3,000)
092-2513-82000:CONCESSIONS & SPECIAL EVENT	2,630.02	3,961	2,640	3,120	480
092-2513-90000:INSURANCE EXPENSE	17,120.25	18,636	23,100	19,600	(3,500)
092-2513-95000:CASH OVER/SHORT	(126.60)	(117)			
092-2513-99900:MISCELLANEOUS EXPENSES	1,232.73	971	1,560	1,920	360
Total OPERATING SUPPLIES & SERVICES	**136,221.18**	**130,634**	**143,988**	**142,080**	**(1,908)**
MAINTENANCE & REPAIR					
MATERIAL:					
092-2520-20001:M&R/MAT- HDQTRS COMPLEX	11,112.67	1,726	2,436	2,160	(276)
092-2520-20009:M&R/MAT- FENCES & R.O.W.		165			
092-2520-20010:M&R/MAT- SIGNS & BARRIERS	116.01	693			
092-2520-20011:M&R/MAT- RAMPS, DOCKS, & PIERS	25.38	1,565	1,620	3,000	1,380
092-2520-20012:M&R/MAT- CAMP SITES	1,940.54	4,546	1,464	2,400	936
092-2520-20013:M&R/MAT- PICNIC SITES	1,739.54	229	240	1,200	960
092-2520-20014:M&R/MAT- GROUNDSKEEPING	3,041.41	327	600	4,000	3,400
092-2520-20015:M&R/MAT- TRUCK UNIT 94	828.75	98			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

092 - COLETO CREEK RECREATION

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
092-2520-20016:M&R/MAT- TRUCK UNIT 95	528.18				
092-2520-20017:M&R/MAT- PARK STRUCTURES	47.45	426	5,760	2,400	(3,360)
092-2520-20019:M&R/MAT- CAMPGROUND RESTR	942.97	1,669			
092-2520-20022:M&R/MAT- ELECTRICAL		41			
092-2520-20023:M&R/MAT- RDS, BRDG & PARK	448.29	239	720	2,400	1,680
092-2520-20025:M&R/MAT- TOOLS & EQUIP.	63.24				
092-2520-20027:M&R/MAT- WATER LINES	23.63				
092-2520-20028:M&R/MAT- PIERS & DOCKS		17			
092-2520-20029:M&R/MAT- CAMPING CABINS	1,615.71	3,258	2,100	2,400	300
092-2520-20032:M&R/MAT- DUMP/SEPTIC SYST	1,050.66	562			
092-2520-20033:M&R/MAT- SHELTER	83.00	1,016	480	480	
092-2520-20034:M&R/MAT- GROUND CARE EQUP	2,917.87	4,082	1,620	3,680	2,060
092-2520-20035:M&R/MAT- PAVILION		75			
092-2520-20036:M&R/MAT- FISHERY & WILDLIFE	1,896.25	914	1,560	2,100	540
092-2520-20037:M&R/MAT- UNIT 96		134	240		(240)
Total MATERIAL	**28,421.55**	**21,782**	**18,840**	**26,220**	**7,380**
SERVICES:					
092-2520-30001:M&R/SER- HDQTRS COMPLEX	9,469.98	2,980	3,000	13,200	10,200
092-2520-30016:M&R/SER- TRUCK UNIT 95	1,471.23	1,000			
092-2520-30017:M&R/SER- PARK STRUCTURES				1,000	1,000
092-2520-30023:M&R/SER- RDS, BRDG & PARK				1,200	1,200
092-2520-30029:M&R/SER- CAMPING CABINS			240	360	120
092-2520-30030:M&R/SER- GARBAGE HANDLING	3,972.66	4,139	4,020	4,020	
092-2520-30033:M&R/SER- SHELTER	1,324.18	1,305	1,500	1,500	
092-2520-30034:M&R/SER- GROUND CARE EQUP				1,500	1,500
092-2520-30037:M&R/SER- UNIT 96			360		(360)
Total SERVICES	**16,238.05**	**9,424**	**9,120**	**22,780**	**13,660**
ADMINISTRATIVE & GENERAL:					
092-2525-00000:A & G EXPENSES	104,330.37	104,583	108,966	112,464	3,498
Total ADMINISTRATIVE & GENERAL	**104,330.37**	**104,583**	**108,966**	**112,464**	**3,498**
PURCHASES OF FIXED ASSETS					

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

092 - COLETO CREEK RECREATION

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
STRUCTURES & IMPROVEMENTS				52,000	52,000
OFFICE BUILDINGS					
SHOPS & STOREROOMS					
AUTO & HEAVY EQUIPMENT	20,225.00	(22,053)	10,000	20,000	10,000
OFFICE FURN & EQUIPMENT	7,789.20				
MISCELLANEOUS EQUIPMENT		(7,229)			
Total PURCHASES OF FIXED ASSETS	**28,014.20**	**(29,281)**	**10,000**	**72,000**	**62,000**
WIP-OPERATING			**150,000**	**10,000**	**(140,000)**
TOTAL OPERATING EXPENSES	**753,708.38**	**691,832**	**906,043**	**866,869**	**(39,174)**
NET OPERATING INCOME	**(13,362.19)**	**64,286**	**(11,527)**	**397**	**11,924**
INTERFUND LOANS RECEIVED:					
092-1213-00001:GENERAL LOANS REC.	23,000.00	23,500	12,000		(12,000)
Total INTERFUND LOANS RECEIVED	**23,000.00**	**23,500**	**12,000**		**(12,000)**
TOTAL NON-REVENUE FUNDS RECEIVED	**23,000.00**	**23,500**	**12,000**		**(12,000)**
DEBT SERVICE PAYMENTS:					
092-1213-00002:GENERAL LOANS PAID	23,000.00	23,500			
Total DEBT SERVICE PAYMENTS	**23,000.00**	**23,500**			
TOTAL NON-OPERATING FUNDS APPLIED	**23,000.00**	**23,500**			
NET CHANGE IN FUND BALANCE	**(13,362.19)**	**64,286**	**473**	**397**	**(76)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

092 - COLETO CREEK RECREATION

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
WIP - OPERATING					
092-1114-01007:ED/OUTDOOR LEARNING CENTER-S			80,000		(80,000)
092-1114-01080:ED/OUTDOOR LEARNING CENTER-M			20,000		(20,000)
Total			**100,000**		**(100,000)**
092-1114-85480:CAMPGROUND EXPANSION-MAT'L			25,000		(25,000)
Total			**25,000**		**(25,000)**
092-1114-85780:PLAYGROUND UPGRADE-MAT'L				10,000	10,000
Total				**10,000**	**10,000**
092-1114-86907:LOOP #1 RESTROOM ROOF-SERVIC			25,000		(25,000)
Total			**25,000**		**(25,000)**
TOTAL WIP - OPERATING			**150,000**	**10,000**	**(140,000)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

COLETO CREEK RECREATION

	FY 2018 BUDGET
STRUCTURES & IMPROVEMENTS	
REPLACEMENT 2,500 GAL PRESSURE WATER TANK	52,000
Total STRUCTURES & IMPROVEMENTS	**52,000**
AUTO & HEAVY EQUIPMENT	
REPLACEMENT TRUCK	20,000
Total AUTO & HEAVY EQUIPMENT	**20,000**
TOTAL CAPITAL ADDITIONS	**72,000**



Luling WTP

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

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

- Service Provided: Water treatment
- Location: Luling, TX
- Startup Operation Date: 1978
- Customer: Cities of Luling & Lockhart
- Service Population: 16,695
- Capacity: 2.5 mgd
- # of Current Employees: 5
- Budgeted Revenue: $1,542,502

Luling Water Treatment Plant Division
Operating Plan for Fiscal Year ending 8/31/2018

BACKGROUND

This work plan and budget describes the operations and maintenance of the Luling Water Treatment Plant Division to be performed during the 2018 Fiscal Year based on an estimated treated water delivery of 0.684 MGD to the City of Luling and a treated water delivery of 1.167 MGD to the City of Lockhart for a total delivery of 1.850 MGD.

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

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.

The total operating revenue budgeted to be received next year is $1,535,342 compared to budgeted revenue of $1,463,034 for FY2017. This 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 $64,518 for power and utilities at the Water Treatment Plant, $32,209 for power and utilities at the Luling High Service Pump Station, $69,848 for power costs to operate the treated water line to Lockhart, $19,993 for chlorine used in the disinfection process, and $62,571 for ferric chloride used in the coagulation process. Another significant operating expenditure is the $17,172 for laboratory expenses to include testing for the Long Term 2 Enhanced Surface Water Treatment (LT2) Rule, and testing fees performed by the Texas Commission on Environmental Quality (TCEQ).

The Fiscal Year 2018 Work Plan and Budget does include three significant costs to maintenance and repair expenses in the form of replacing filter isolation valves and framework in the transfer-well, at a cost of $54,000. Other significant cost in maintenance and repair expenses include replacing old and rusted security fencing around plant grounds and replacing main entry gate, at a cost of $26,000. And upgrade outdated equipment and SCADA software at a cost of $25,000.

In order to keep plant personnel abreast of changing regulations and treatment techniques, plant personnel will be enrolled in the continuing education classes taught by the Texas Engineering Extension Service and the Texas Commission on Environmental Quality. Additional technical and safety training will be provided by GBRA.

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-recover nor under-recover its costs; therefore, the net increase in fund balance for FY 2018 related to normal operating activities amounts to only $89. However, GBRA has included this budget a debt coverage factor (DCF) pursuant to the terms of the bonds used to finance the Luling-to-Lockhart Pipeline. That DCF amounts to $40,894 and is paid entirely by the City of Lockhart. As a result, the total fund balance for FY 2018 is $48,054.

Staffing Summary

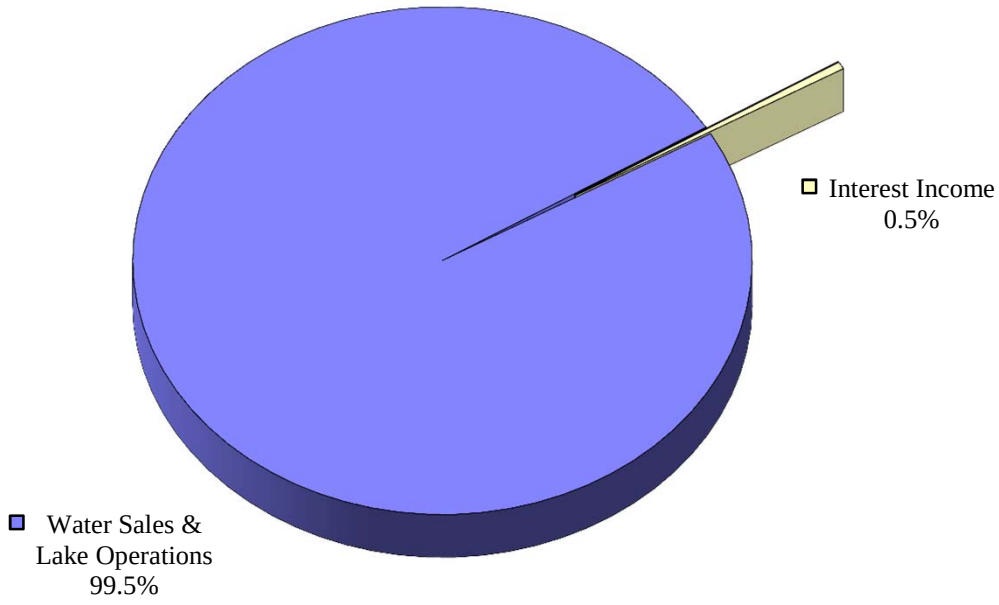
Luling WTP	# of Authorized Positions (FTE)		
	2016	2017	2018
Chief Operator	1	1	1
Operators	4	4	4
Total	**5**	**5**	**5**

Changes from FY 2016 to FY 2017
No staffing changes for this division.

Changes from FY 2017 to FY 2018
No staffing changes for this division.

Budget Summary

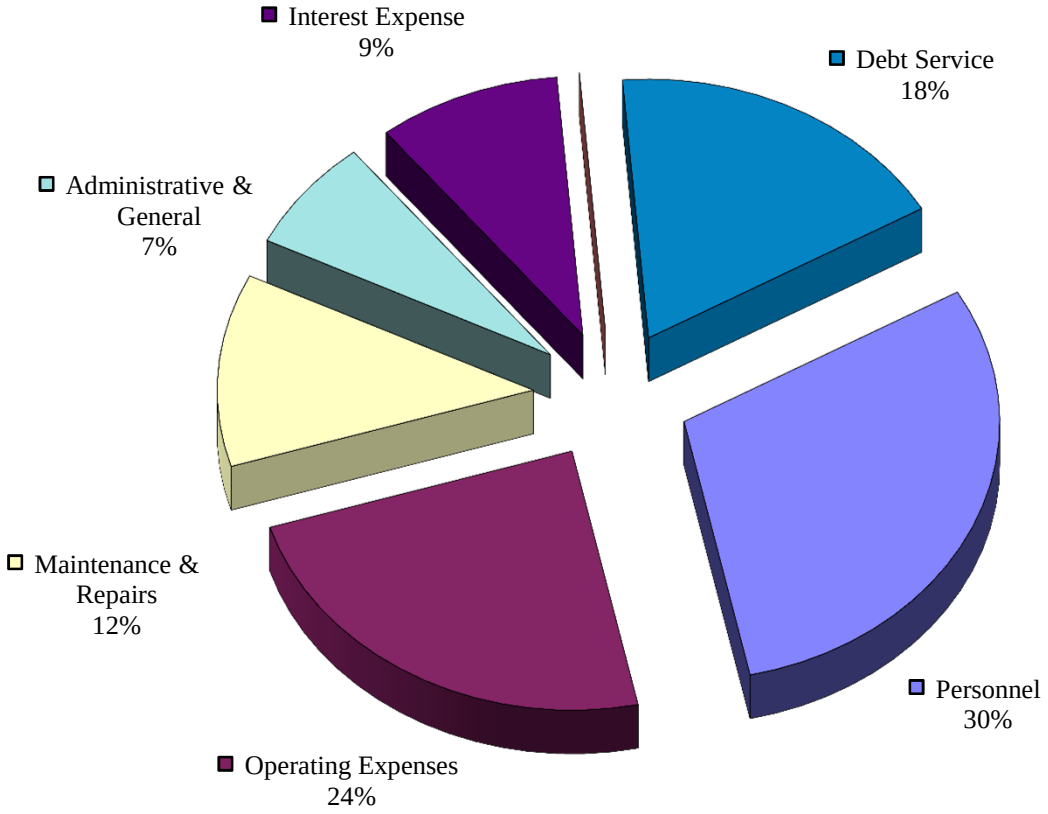
REVENUES - Luling WTP



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	1,340,236	1,463,034	1,535,342
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	2		
Total Operating Revenues	**1,340,238**	**1,463,034**	**1,535,342**
Interest Income	7,893	7,260	7,160
Grand Total Revenues	**1,348,131**	**1,470,294**	**1,542,502**

Budget Summary

EXPENSES - Luling WTP



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	374,895	457,074	448,039
Operating Expenses	326,281	361,144	352,606
Maintenance & Repairs	71,240	80,490	179,870
Administrative & General	87,746	107,121	104,998
Total Operating Expenses	**860,162**	**1,005,829**	**1,085,513**
Interest Expense	158,241	149,081	140,185
Capital Outlay		9,500	
Debt Service	245,000	257,919	268,750
Grand Total Expenses	**1,263,403**	**1,422,329**	**1,494,448**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

100 - LULING WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WATER SALES & LAKE OPERATIONS:					
100-2413-10100:PLANT O & M EXPENSES	240,624.48	280,646	312,673	337,868	25,195
100-2413-10200:ADMIN. & GENERAL EXPENSE	28,467.33	31,966	35,110	36,180	1,070
100-2413-30100:ADDS. TO PLANT & EQUIP.	44,576.09	17,263			
100-2413-49900:ADDS TO PLANT & EQUIP-LOCKHAR	89,655.05	25,637			
100-2413-50000:DEBT SERVICE - LU/LO PROJECT	404,711.00	408,572	407,000	408,935	1,935
100-2413-50535:DEBT COV. FACTOR-LU/LO PROJECT	40,469.00	40,856	40,704	40,894	190
100-2413-50900:LU/LO TREATMENT PLT CHRGS	408,488.66	401,795	511,645	567,933	56,288
100-2413-51035:W/S-LU/LO DELIVERY SYSTEM	130,097.83	133,501	155,902	143,532	(12,370)
Total WATER SALES & LAKE OPERATIONS	**1,387,089.44**	**1,340,236**	**1,463,034**	**1,535,342**	**72,308**
MISCELLANEOUS INCOME:					
100-2440-19900:MISCELLANEOUS REVENUES	2,696.91	2			
Total MISCELLANEOUS INCOME	**2,696.91**	**2**			
INTEREST INCOME:					
100-2420-10000:INT ON OPERATING FUNDS	1,478.49	1,418	1,200	1,500	300
100-2420-10001:FAIR VALUE CHG OF INVEST.	(150.00)	50			
100-2420-20000:INT ON LU/LO OPR FUND	3,832.35	4,949	5,400	5,000	(400)
100-2420-20001:FAIR VALUE CHG OF INVEST.	(1,299.94)	729			
100-2420-20100:INT ON LU/LO I&S FUND	619.52	748	660	660	
Total INTEREST INCOME	**4,480.42**	**7,893**	**7,260**	**7,160**	**(100)**
TOTAL OPERATING REVENUES	**1,394,266.77**	**1,348,131**	**1,470,294**	**1,542,502**	**72,208**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	14,855.79	17,274	16,480	25,102	8,622
SUPERVISION	12,494.49	3,008	20,141	10,860	(9,281)
OPERATING LABOR	212,748.73	213,995	287,987	282,215	(5,772)
MAINTENANCE LABOR	32,662.82	31,620			
Total SALARIES & WAGES	**272,761.83**	**265,897**	**324,608**	**318,177**	**(6,431)**
EMPLOYEE EXPENSES & BENEFITS:					
100-2512-20000:EMPLOYEES' TRAVEL	98.02	475	1,000	1,000	
100-2512-30000:EMPLOYEE BENEFITS	112,544.57	108,523	131,466	128,862	(2,604)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

100 - LULING WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total EMPLOYEE EXPENSES & BENEFITS	**112,642.59**	**108,998**	**132,466**	**129,862**	**(2,604)**
OPERATING SUPPLIES & SERVICES:					
100-2513-10000:TRUCK OPERATING EXPENSES	3,399.91	2,146	4,840	5,054	214
100-2513-12002:EQUIPMENT RENTAL	1,650.00	2,124	2,124	2,124	
100-2513-17000:DUES AND MEMBERSHIPS	310.00	190	300	300	
100-2513-18000:PUBLICATIONS AND BOOKS	38.00	38	150	150	
100-2513-19000:SMALL TOOLS EXPENSE			300		(300)
100-2513-20000:TRACTORS AND EQUIPMENT	71.06	72	214		(214)
100-2513-21000:UNIFORMS AND LAUNDRY	4,063.53	4,736	4,420	4,420	
100-2513-27000:TRAINING EXPENSES	2,158.13	2,375	2,500	2,500	
100-2513-29000:SAFETY & EMERG. EXPENSES	1,300.24	1,681	1,248	1,748	500
100-2513-29200:SECURITY EXPENSE			300		(300)
100-2513-30000:POWER AND UTILITIES	68,957.48	64,163	72,409	64,518	(7,891)
100-2513-30020:POWER/UTIL-LULING HIGH SERVICE	32,732.88	36,975	40,064	32,209	(7,855)
100-2513-30035:POWER/UTIL-LU/LO PROJECT	65,803.86	64,733	75,086	69,848	(5,238)
100-2513-30100:AUXILLARY POWER EXPENSE			3,320	8,485	5,165
100-2513-40100:CHLORINE	16,854.00	17,520	19,500	19,993	493
100-2513-40800:AMMONIA	14,751.45	15,967	17,744	20,216	2,472
100-2513-40900:ALUM/FERRIC	51,327.98	48,893	64,895	62,571	(2,324)
100-2513-41100:FLUOSILICIC ACID				8,040	8,040
100-2513-50000:LAB SUPPLIES & EXPENSES	9,383.27	12,646	17,172	17,172	
100-2513-60000:PROFESSIONAL FEES	3,783.75	30,222	5,000	5,000	
100-2513-62535:OPER EXP-LU/LO PROJECT	1,650.00	4,060	2,250	2,250	
100-2513-65000:INSPECTION FEES	428.00	200	428	428	
100-2513-68000:WATERMASTER PAYMENT	1,335.91	1,113	1,500	1,500	
100-2513-70000:COMMUNICATIONS	2,069.05	3,778	1,500	1,500	
100-2513-80000:OFFICE SUPPLIES & EXPENSES	823.86	143	1,400	1,400	
100-2513-80200:COMPUTER SUPPLIES & SERVICE	1,518.47	1,247	1,680	1,680	
100-2513-81500:BANK SERVICE FEES	30.00	30			
100-2513-90000:INSURANCE EXPENSE	17,365.50	17,100	18,400	17,100	(1,300)
100-2513-99900:MISCELLANEOUS EXPENSES	1,365.34	2,625	2,400	2,400	
Total OPERATING SUPPLIES & SERVICES	**303,171.67**	**334,777**	**361,144**	**352,606**	**(8,538)**
MAINTENANCE & REPAIR					
MATERIAL:					
100-2520-20001:M&R/MAT- GROUNDS	216.92	227	216	416	200
100-2520-20002:M&R/MAT- BUILDINGS	543.70	4	360	360	
100-2520-20003:M&R/MAT- PAINT EQUIPMENT	426.88	150	800	800	
100-2520-20004:M&R/MAT- CHEM. FEED EQUIP	4,051.07	495	3,000	3,000	
100-2520-20005:M&R/MAT- METERS	184.36	4,000	1,200	1,200	
100-2520-20006:M&R/MAT- MOTORS			1,200	1,200	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

100 - LULING WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
100-2520-20007:M&R/MAT- CLAR,FLOC,RAP MX		3	2,400	2,400	
100-2520-20008:M&R/MAT- CONTROL & ELECT.	2,395.11	902	4,000	4,000	
100-2520-20009:M&R/MAT- TOOLS & EQUIP	332.11	54	300	400	100
100-2520-20010:M&R/MAT- FILTERS		264	600	600	
100-2520-20011:M&R/MAT- PIPING & VALVES	2,011.31	504	2,400	2,400	
100-2520-20012:M&R/MAT- TRUCK	77.78	6			
100-2520-20013:M&R/MAT- EQUIPMENT LUBE	36.83	12	720	920	200
100-2520-20014:M&R/MAT- PUMPS	1,634.88	305	2,400	2,400	
100-2520-20015:M&R/MAT- BIOSOLIDS BEDS	80.97		800		(800)
100-2520-20016:M&R/MAT- MOWER & EQUIP.	589.59	185	800	800	
100-2520-20017:M&R/MAT- ROADS			120		(120)
100-2520-20018:M&R/MAT- SAFETY	895.73	222			
100-2520-20019:M&R/MAT- CLRWELL&BKWSH TN	63.06	225	252	252	
100-2520-20021:M&R/MAT- SCADA/COMPUTERS	672.70	317	1,600	1,600	
100-2520-20022:M&R/MAT- LULING HS PUMP STATIO	2,030.93	3,300	2,412	2,812	400
100-2520-20032:M&R/MAT- GENERATOR		151			
100-2520-20035:M&R/MAT- LU/LO PROJECT	814.11		2,640	3,040	400
Total MATERIAL	**17,058.04**	**11,325**	**28,220**	**28,600**	**380**
SERVICES:					
100-2520-30001:M&R/SER- GROUNDS	170.00			26,000	26,000
100-2520-30002:M&R/SER- BUILDINGS	155.00	376			
100-2520-30004:M&R/SER- CHEM. FEED EQUIP	5,295.00	6,033	7,000	7,000	
100-2520-30005:M&R/SER- METERS			1,400	1,400	
100-2520-30006:M&R/SER- MOTORS			2,400	2,400	
100-2520-30007:M&R/SER- CLAR,FLOC,RAP MX			2,400	2,400	
100-2520-30008:M&R/SER- CONTROL & ELECT.	1,524.00	1,156	2,400	27,400	25,000
100-2520-30011:M&R/SER- PIPING & VALVES	175.00	175		54,200	54,200
100-2520-30012:M&R/SER- TRUCKS	2,307.84	143			
100-2520-30014:M&R/SER- PUMPS		17,483	7,500	7,500	
100-2520-30015:M&R/SER- BIOSOLIDS BEDS	11,600.00		11,000		(11,000)
100-2520-30016:M&R/SER- MOWER & EQUIP.			200	400	200
100-2520-30017:M&R/SER- ROADS			2,000	2,000	
100-2520-30018:M&R/SER- SAFETY	797.50	614			
100-2520-30019:M&R/SER- CLRWELL&BKWSH TN	1,134.00	20,616			
100-2520-30021:M&R/SER- SCADA/COMPUTERS	1,401.25	2,256	2,000	2,000	
100-2520-30022:M&R/SER- LULING HS PUMP STATIO		1,787	4,380	5,480	1,100
100-2520-30030:M&R/SER- GEN. OFFICE BLDG	426.74	459		500	500
100-2520-30032:M&R/SER- GENERATOR	105.00	2,510			
100-2520-30035:M&R/SER- LU/LO DELIVERY SYSTEM	3,653.03	6,309	9,590	12,590	3,000

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

100 - LULING WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total SERVICES	**28,744.36**	**59,915**	**52,270**	**151,270**	**99,000**
CREDITS:					
100-2522-10000:EQUIPMENT USE CREDITS	(6,600.00)	(8,496)			
Total CREDITS	**(6,600.00)**	**(8,496)**			
ADMINISTRATIVE & GENERAL:					
100-2525-00000:A & G EXPENSES	90,011.38	87,746	107,121	104,998	(2,122)
Total ADMINISTRATIVE & GENERAL	**90,011.38**	**87,746**	**107,121**	**104,998**	**(2,122)**
INTEREST EXPENSE:					
100-2540-00000:INT ON REVENUE BONDS	504.24	504			
100-2540-50000:INT EXP - LU/LO PROJECT	166,045.66	157,737	149,081	140,185	(8,896)
Total INTEREST EXPENSE	**166,549.90**	**158,241**	**149,081**	**140,185**	**(8,896)**
PURCHASES OF FIXED ASSETS					
LAND & LAND RIGHTS					
WATER RIGHTS					
STRUCTURES & IMPROVEMENTS	202,900.00				
SPECIALIZED OPER. EQUIPMENT					
AUTO & HEAVY EQUIPMENT					
OFFICE FURN & EQUIPMENT	4,618.65				
MISCELLANEOUS EQUIPMENT			9,500		(9,500)
Total PURCHASES OF FIXED ASSETS	**207,518.65**		**9,500**		**(9,500)**
WIP-OPERATING	**(117,423.00)**				
TOTAL OPERATING EXPENSES	**1,074,435.42**	**1,018,403**	**1,164,410**	**1,225,698**	**61,288**
NET OPERATING INCOME	**319,831.35**	**329,727**	**305,884**	**316,804**	**10,920**
INTERFUND LOANS RECEIVED:					
100-1213-00001:GENERAL LOANS REC.	25,200.00				

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

100 - LULING WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total INTERFUND LOANS RECEIVED	**25,200.00**				
TOTAL NON-REVENUE FUNDS RECEIVED	**25,200.00**				
DEBT SERVICE PAYMENTS:					
100-1213-00002:GENERAL LOANS PAID	25,200.00				
100-1211-50002:BONDS PAID	235,000.00	245,000	257,919	268,750	10,831
Total DEBT SERVICE PAYMENTS	**260,200.00**	**245,000**	**257,919**	**268,750**	**10,831**
TOTAL NON-OPERATING FUNDS APPLIED	**260,200.00**	**245,000**	**257,919**	**268,750**	**10,831**
NET CHANGE IN FUND BALANCE	**84,831.35**	**84,727**	**47,965**	**48,054**	**89**



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.

- Service Provided: Hydroelectric generation
- Location: Sattler, TX
- Startup Operation Date: 1989
- Customer: NBU
- Capacity: 6 MW
- Average Kwh Produced: 25,210,000
- # of Current Employees: 2
- Budgeted Revenue: $518,675

Canyon Hydroelectric Division
Operating Plan for Fiscal Year Ending 8/31/18

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 use available river flows in the range of 90 to 600 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.

The two GBRA employees who are assigned to the Canyon Hydroelectric Division maintain the Plant. Personnel from the GBRA Guadalupe Valley Hydroelectric Division assist these employees in their 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 2018 is $518,675 which is $107,672 more than budgeted revenue for FY 2017. This increase in revenue is due to a similar increase in budgeted operating, maintenance, and capital costs for the division in FY 2018 as explained below.

The power sales revenue budget is set to equal the total amount of budgeted expenditures less any revenue received from the marketing of renewable energy credits. 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 Plant. A substantial share of the labor cost is associated with the hydroelectric plant attendant who visits the Plant two to three times each week. Some of the attendant's duties are to:

1. Observe and monitor all major equipment and facilities.
2. Record, analyze and compare all meter, gauge, and level readings.
3. Simulate alarms and verify the Seguin Control Room receives these alarms.
4. Lubricate and maintain equipment as scheduled or as needed.

5. Test dissolved oxygen (DO) content of water downstream of the Plant.
6. Collect water samples for DO comparison in the GBRA Water Quality Laboratory.
7. Report and schedule maintenance requirements of the Plant.

During FY 2018, 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 year on electrical and mechanical equipment.

Two significant cost increases for FY 2018 is a work authorization in the amount of $60,000 related to work in and around the Penstock and the replacement of two outdated Programmable Logic Controllers (PLC's) at a cost of $77,700. The Penstock is the conduit which diverts water from the dam's normal outlet structure over to the hydroelectric plant. Specifically in FY 2018, a manhole will be added to the Penstock to provide easier, safer access for maintenance purposes as well as a confined space rescue access point should that become necessary.

FUND BALANCE

Funds for operating expenditures included within the FY 2018 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

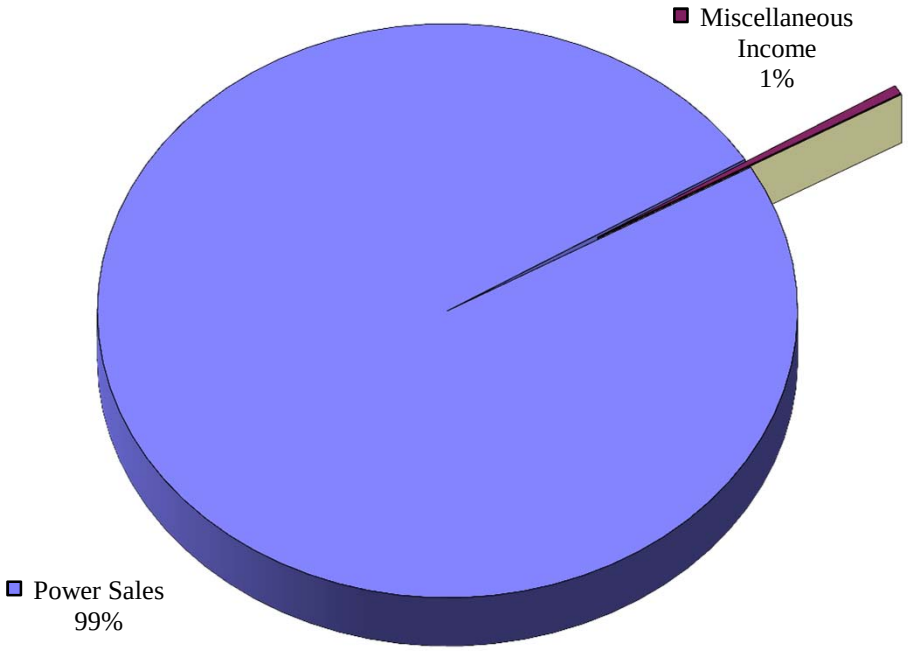
Canyon Hydroelectric	# of Authorized Positions (FTE)		
	2016	2017	2018
Electrical/Instrumentation Technician	1	1	1
Maintenance Crew	1	1	1
Total	**2**	**2**	**2**

Changes from FY 2016 to 2017
No staffing changes for this division.

Changes from FY 2017 to 2018
No staffing changes for this division.

Budget Summary

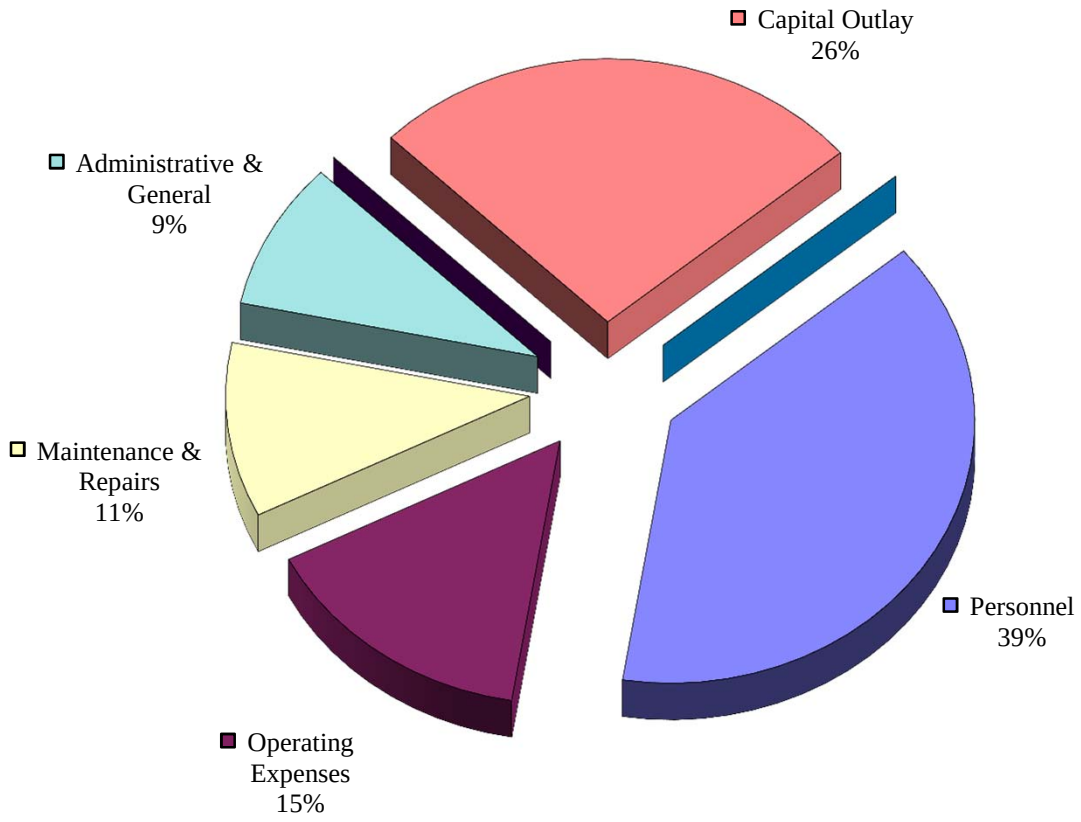
REVENUES - Canyon Hydroelectric



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales	343,658	404,263	516,075
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	3,730	6,500	2,600
Total Operating Revenues	**347,388**	**410,763**	**518,675**
Interest Income	300	240	
Grand Total Revenues	**347,688**	**411,003**	**518,675**

Budget Summary

EXPENSES - Canyon Hydroelectric



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	179,494	192,027	200,491
Operating Expenses	81,136	81,914	77,834
Maintenance & Repairs	45,698	37,030	55,630
Administrative & General	41,359	45,032	47,020
Total Operating Expenses	**347,688**	**356,003**	**380,975**
Interest Expense			
Capital Outlay			137,700
Debt Service			
Grand Total Expenses	**347,688**	**356,003**	**518,675**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

120 - CANYON HYDROELECTRIC

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
POWER SALES:					
120-2412-10000:POWER SALES	244,524.39	343,958	404,503	516,075	111,571
120-2412-10700:CREDIT-OPER. INTEREST EARNINGS	(40.00)	(4)	(240)		240
120-2412-20200:CREDIT INT EARN R&R FUND	(344.15)	(296)			
Total POWER SALES	**244,140.24**	**343,658**	**404,263**	**516,075**	**111,811**
MISCELLANEOUS INCOME:					
120-2440-19500:RENEWABLE ENERGY CREDIT SALE		3,102	6,500	2,600	(3,900)
120-2440-19900:MISCELLANEOUS REVENUES		628			
Total MISCELLANEOUS INCOME		**3,730**	**6,500**	**2,600**	**(3,900)**
INTEREST INCOME:					
120-2420-10000:INT ON OPERATING FUNDS	40.00	4	240		(240)
120-2420-10100:INT ON FULLY FUNDED ACCTS	344.15	296			
Total INTEREST INCOME	**384.15**	**300**	**240**		**(240)**
TOTAL OPERATING REVENUES	**244,524.39**	**347,688**	**411,003**	**518,675**	**107,671**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	12,437.46	14,406	14,877	22,685	7,808
SUPERVISION	1,502.44	6,510	7,248	4,204	(3,044)
OPERATING LABOR	53,126.21	55,129	114,336	115,595	1,260
MAINTENANCE LABOR	22,802.96	51,770			
Total SALARIES & WAGES	**89,869.07**	**127,815**	**136,461**	**142,485**	**6,024**
EMPLOYEE EXPENSES & BENEFITS:					
120-2512-20000:EMPLOYEES' TRAVEL	13.98	29	300	300	
120-2512-30000:EMPLOYEE BENEFITS	38,422.71	51,650	55,267	57,706	2,440
Total EMPLOYEE EXPENSES & BENEFITS	**38,436.69**	**51,679**	**55,567**	**58,006**	**2,440**
OPERATING SUPPLIES & SERVICES:					
120-2513-10000:TRUCK OPERATING EXPENSES	6,905.95	9,858	7,000	7,500	500
120-2513-12001:BUILDING RENTAL	3,621.24	3,144	2,184	2,184	
120-2513-17000:DUES AND MEMBERSHIPS	187.20	136			
120-2513-21000:UNIFORMS AND LAUNDRY	1,391.60	1,631	1,400	1,500	100
120-2513-27000:TRAINING EXPENSES	181.20	445	600	600	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

120 - CANYON HYDROELECTRIC

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
120-2513-29000:SAFETY & EMERG. EXPENSES	340.00	338	700	700	
120-2513-29100:SAFETY BOOTS & GLASSES	125.60				
120-2513-30000:POWER AND UTILITIES	2,902.31	2,548	3,000	3,000	
120-2513-30100:AUXILLIARY POWER EXPENSE	554.14	540	200	200	
120-2513-60000:PROFESSIONAL FEES		635	500	500	
120-2513-65000:INSPECTION FEES			9,600	18,800	9,200
120-2513-66000:SB. 818 ASSESSMENT	9,125.00	9,125	9,200		(9,200)
120-2513-68000:WATERMASTER PAYMENT	4,587.88	4,779			
120-2513-69000:FALLING WATER CHARGES	11,894.11	32,011	27,000	27,000	
120-2513-70000:COMMUNICATIONS	1,545.35	1,945	1,000	1,500	500
120-2513-80000:OFFICE SUPPLIES & EXPENSES		10	30		(30)
120-2513-80400:KITCHEN & JANITOR SUPPLY			30		(30)
120-2513-81500:BANK SERVICE FEES	(32.59)		100		(100)
120-2513-90000:INSURANCE EXPENSE	13,954.49	13,889	18,900	13,900	(5,000)
120-2513-99900:MISCELLANEOUS EXPENSES	700.09	102	470	450	(20)
Total OPERATING SUPPLIES & SERVICES	**57,983.57**	**81,136**	**81,914**	**77,834**	**(4,080)**
MAINTENANCE & REPAIR					
MATERIAL:					
120-2520-20013:M&R/MAT- PWR HOUSES&EQUIP	250.80	3,502	4,330	4,330	
120-2520-20018:M&R/MAT- SAFETY	3.27				
120-2520-20033:M&R/MAT- ROADS & BRIDGES		290			
120-2520-20040:M&R/MAT- PENSTK CONDUIT I	5.00	106	500	500	
120-2520-20042:M&R/MAT- GENERATORS			200	200	
120-2520-20043:M&R/MAT- TURBINE/GOVERNOR			400	2,000	1,600
120-2520-20044:M&R/MAT- DISSOLVED OXYGEN	821.97	1,278	700	700	
120-2520-20045:M&R/MAT- SWITCHGEAR			200	200	
120-2520-20046:M&R/MAT- WEIR		445	200	200	
120-2520-20051:M&R/MAT- CONTROL SYSTEM	1,170.89	3,396	2,200	2,200	
120-2520-20052:M&R/MAT- COMMUNICATION SY		538			
120-2520-20060:M&R/MAT- SUBSTATIONS	216.15	224	200	200	
Total MATERIAL	**2,468.08**	**9,781**	**8,930**	**10,530**	**1,600**
SERVICES:					
120-2520-30011:M&R/SER- CLEAN PWR HOUSES		5,446			
120-2520-30013:M&R/SER- PWR HOUSES&EQUIP	8,637.74	7,433	3,000	15,000	12,000
120-2520-30018:M&R/SER- SAFETY		478			
120-2520-30030:M&R/SER- GEN. OFFICE BLDG	1,564.80	1,682	900	900	
120-2520-30035:M&R/SER- CLEAN PROPERTIES		370			
120-2520-30040:M&R/SER- PENSTK CONDUIT I	6,542.68	1,000	3,000	3,000	
120-2520-30042:M&R/SER- GENERATORS		3,280	2,000	2,000	
120-2520-30043:M&R/SER- TURBINE/GOVERNOR	1,420.00		400	400	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

120 - CANYON HYDROELECTRIC

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
120-2520-30044:M&R/SER- DISSOLVED OXYGEN	1,409.59	1,139	1,000	1,000	
120-2520-30045:M&R/SER- SWITCHGEAR	600.00	8,539	6,000	6,000	
120-2520-30046:M&R/SER- WEIR		3,300			
120-2520-30051:M&R/SER- CONTROL SYSTEM	757.77	1,717	3,800	8,800	5,000
120-2520-30052:M&R/SER- COMMUNICATION SY	375.00	1,535			
120-2520-30060:M&R/SER- SUBSTATIONS	4,802.56		8,000	8,000	
Total SERVICES	**26,110.14**	**35,918**	**28,100**	**45,100**	**17,000**
ADMINISTRATIVE & GENERAL:					
120-2525-00000:A & G EXPENSES	29,656.84	41,359	45,032	47,020	1,988
Total ADMINISTRATIVE & GENERAL	**29,656.84**	**41,359**	**45,032**	**47,020**	**1,988**
PURCHASES OF FIXED ASSETS					
LAND & LAND RIGHTS					
STRUCTURES & IMPROVEMENTS				77,700	77,700
SPECIALIZED OPER. EQUIPMENT					
OFFICE BUILDINGS					
COMMUNICATION EQUIPMENT					
OFFICE FURN & EQUIPMENT					
MISCELLANEOUS EQUIPMENT					
Total PURCHASES OF FIXED ASSETS				**77,700**	**77,700**
WIP-OPERATING			**55,000**	**60,000**	**5,000**
TOTAL OPERATING EXPENSES	**244,524.39**	**347,688**	**411,003**	**518,675**	**107,671**
INTERFUND LOANS RECEIVED:					
120-1213-00001:GENERAL LOANS REC.	110,000.00				
Total INTERFUND LOANS RECEIVED	**110,000.00**				
TOTAL NON-REVENUE FUNDS RECEIVED	**110,000.00**				

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

120 - CANYON HYDROELECTRIC

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
DEBT SERVICE PAYMENTS:					
120-1213-00002:GENERAL LOANS PAID	151,000.00				
Total DEBT SERVICE PAYMENTS	**151,000.00**				
TOTAL NON-OPERATING FUNDS APPLIED	**151,000.00**				
NET CHANGE IN FUND BALANCE	**(41,000.00)**				

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

120 - CANYON HYDROELECTRIC

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
WIP - OPERATING					
120-1114-87907:PENSTOCK MANHOLE-SERVICES			51,000	52,000	1,000
120-1114-87911:PENSTOCK MANHOLE-PROF. FEES			2,000	5,000	3,000
120-1114-87999:PENSTOCK MANHOLE-MISC.			2,000	3,000	1,000
Total			**55,000**	**60,000**	**5,000**
TOTAL WIP - OPERATING			**55,000**	**60,000**	**5,000**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

CANYON HYDROELECTRIC

	FY 2018 BUDGET
HYD. SUP. ELECTRIC EQUIP	
PLC REPLACEMENT	77,700
Total HYD. SUP. ELECTRIC EQUIP	**77,700**
TOTAL CAPITAL ADDITIONS	**77,700**



Lockhart WWTP

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
- Location: Lockhart, TX
- Startup Operation Date: 1994
- Customer: City of Lockhart
- Capacity: 2.6 mgd
- # of gallons treated: 474,570,000
- # of Current Employees: 4
- Budgeted Revenue: $999,541

Lockhart Division
Lockhart Wastewater Reclamation System
Operating Plan for Fiscal Year Ending 8/31/18

BACKGROUND

The following Work Plan and Budget is based on the two Lockhart Wastewater Treatment Plants treating an estimated sewage flow of 444.2 million gallons annually or 1.2 million gallons per day (MGD). For Fiscal Year 2018, the flow will be split with approximately 0.468 MGD treated by the Larremore Plant and 0.749 MGD treated by the FM 20 Plant.

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

After signing a contract with the City of Lockhart in 1994, GBRA assumed the operation of the City's 1.1 million gallon 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.

The FY 2018 budget is based on total estimated annual wastewater to be treated of 444,160,000 gallons or 1.2 MGD. While 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 2018 total revenue for the Lockhart Wastewater System is $999,541 which is $416,175 or 29.4% less than last year's budget.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The combined capital additions, debt service and operating expenditure budget for FY 2018~~6~~ amounts to $999,541 which is $416,175 or 29.4% less than FY 2017. Significant operating expenses budgeted for Fiscal Year 2018 include bio-solids disposal in the amount of $118,692, power and utilities of $188,520, and lab supplies and expenses of $41,988.

In order to meet public service needs through motivated employees, provide advanced training, and maintain and upgrade TCEQ wastewater licenses, personnel will attend various Texas Engineering Extension Service courses. 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 debt service, 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 2018 is $0.

Staffing Summary

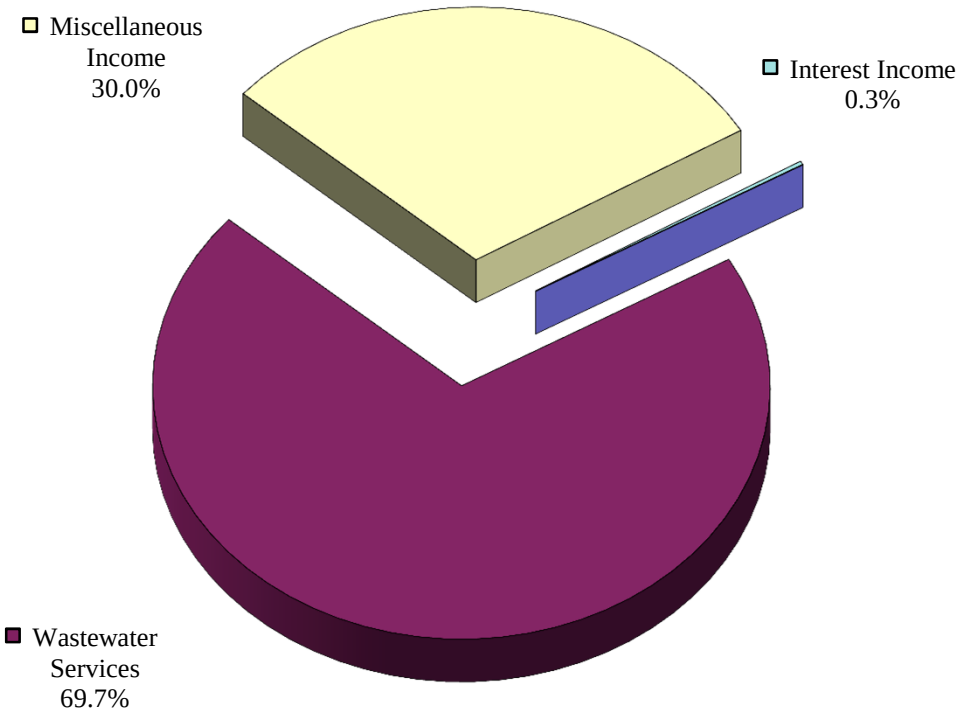
Lockhart WWTP	# of Authorized Positions (FTE)		
	2016	2017	2018
Chief Operator	1	1	1
Operators	3	3	3
Total	**4**	**4**	**4**

Changes from FY 2016 to FY 2017
No staffing changes for this division.

Changes from FY 2017 to FY 2018
No staffing changes for this division.
* Lockhart Operations Manager was changed to Chief Operator.

Budget Summary

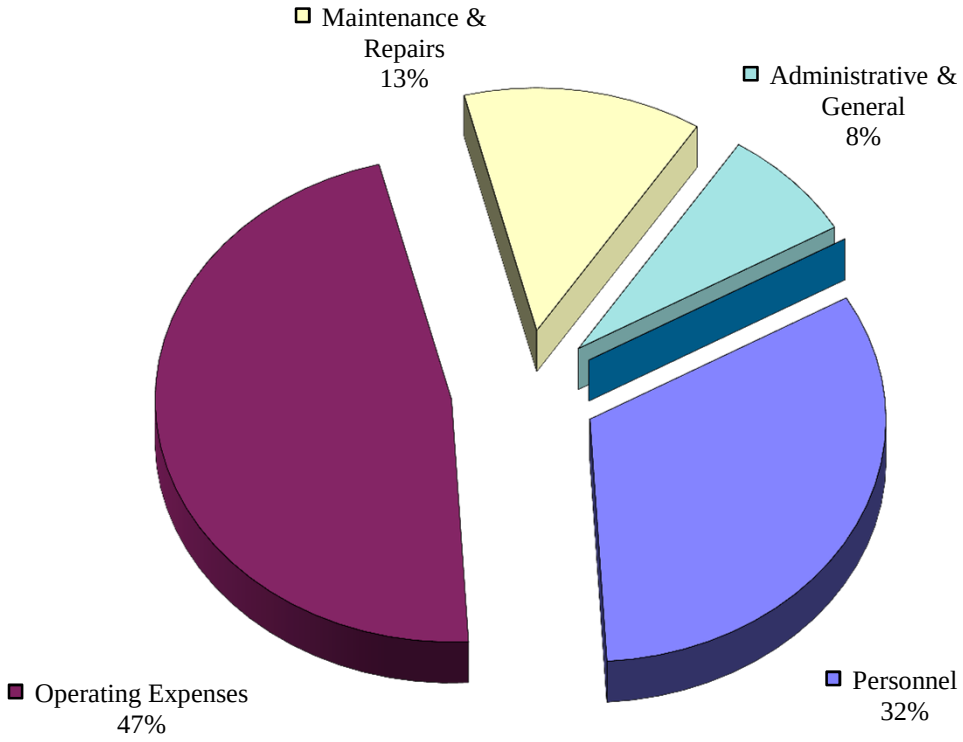
REVENUES - Lockhart WWTP



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services	1,148,222	1,114,746	697,131
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	590,306	300,160	300,160
Total Operating Revenues	**1,738,528**	**1,414,906**	**997,291**
Interest Income	1,793	810	2,250
Grand Total Revenues	**1,740,321**	**1,415,716**	**999,541**

Budget Summary

EXPENSES - Lockhart WWTP



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	327,974	343,182	324,047
Operating Expenses	531,151	562,735	469,500
Maintenance & Repairs	143,134	141,280	130,446
Administrative & General	75,210	80,201	75,547
Total Operating Expenses	**1,077,469**	**1,127,398**	**999,541**
Interest Expense	22,150	6,665	
Capital Outlay	13,781	15,000	
Debt Service	615,000	266,665	
Grand Total Expenses	**1,728,400**	**1,415,728**	**999,541**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

130 - LOCKHART WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WASTEWATER SERVICES:					
130-2415-10100:PLANT O&M EXPENSES	1,019,205.57	1,001,287	1,047,185	923,993	(123,191)
130-2415-10200:ADMINISTRATIVE & GENERAL	73,197.18	75,210	80,201	75,547	(4,654)
130-2415-10700:CREDIT INTEREST EARNINGS	(1,696.68)	(1,792)	(360)	(1,800)	(1,440)
130-2415-19900:CREDIT MISC. REVENUES	(564,859.18)	(590,966)	(300,160)	(300,160)	
130-2415-20000:CREDIT INT ON I & S FUNDS			(450)	(450)	
130-2415-20100:DEBT SERVICE REQUIREMENTS	637,801.00	650,702	273,330		(273,330)
130-2415-30100:ADDS. TO PLANT AND EQUIP.	58,156.40	13,781	15,000		(15,000)
Total WASTEWATER SERVICES	**1,221,804.29**	**1,148,222**	**1,114,746**	**697,131**	**(417,615)**
MISCELLANEOUS INCOME:					
130-2440-19900:MISCELLANEOUS REVENUES	564,859.18	590,966	300,160	300,160	
Total MISCELLANEOUS INCOME	**564,859.18**	**590,966**	**300,160**	**300,160**	
INTEREST INCOME:					
130-2420-10000:INT ON OPERATING FUNDS	518.24	385	360	1,800	1,440
130-2420-20100:INT ON I & S FUND	1,178.44	1,408	450	450	
Total INTEREST INCOME	**1,696.68**	**1,793**	**810**	**2,250**	**1,440**
GAIN(LOSS) ON SALE OF ASSETS:					
130-2612-00000:GAIN/LOSS ON SALE OF ASSETS	3,050.50	(660)			
Total GAIN(LOSS) ON SALE OF ASSETS	**3,050.50**	**(660)**			
TOTAL OPERATING REVENUES	**1,791,410.65**	**1,740,321**	**1,415,716**	**999,541**	**(416,175)**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	13,902.91	14,959	20,697	26,125	5,428
SUPERVISION	50,569.58	44,946	53,480	11,264	(42,216)
OPERATING LABOR	133,139.91	148,979	168,872	191,542	22,669
MAINTENANCE LABOR	24,197.17	19,025			
Total SALARIES & WAGES	**221,809.57**	**227,909**	**243,049**	**228,931**	**(14,118)**
EMPLOYEE EXPENSES & BENEFITS:					
130-2512-20000:EMPLOYEES' TRAVEL	1,786.42	3,893	1,704	2,400	696
130-2512-30000:EMPLOYEE BENEFITS	94,890.16	96,172	98,430	92,717	(5,713)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

130 - LOCKHART WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total EMPLOYEE EXPENSES & BENEFITS	**96,676.58**	**100,065**	**100,134**	**95,117**	**(5,017)**
OPERATING SUPPLIES & SERVICES:					
130-2513-10000:TRUCK OPERATING EXPENSES	7,156.09	5,079	10,188	7,704	(2,484)
130-2513-17000:DUES AND MEMBERSHIPS	361.00	937	720	720	
130-2513-18000:PUBLICATIONS AND BOOKS	1,936.95	2,050	2,400	2,400	
130-2513-19000:SMALL TOOLS EXPENSE	1,259.03	764	996	996	
130-2513-20000:TRACTORS AND EQUIPMENT	186.89	137	480	3,800	3,320
130-2513-21000:UNIFORMS AND LAUNDRY	3,228.71	4,033	3,252	3,660	408
130-2513-22002:BIOSOLIDS DISPOSAL COSTS	174,282.40	152,015	150,000	118,692	(31,308)
130-2513-23000:BAD DEBT EXPENSE		832	500	500	
130-2513-25000:PRETREATMENT EXPENSES	38.90				
130-2513-27000:TRAINING EXPENSES	3,307.48	5,890	2,664	2,664	
130-2513-29000:SAFETY & EMERG. EXPENSES	4,117.27	7,261	3,360	4,860	1,500
130-2513-29200:SECURITY EXPENSE		5,414	3,600	3,600	
130-2513-30000:POWER AND UTILITIES	216,570.71	203,597	231,335	188,520	(42,815)
130-2513-30100:AUXILLARY POWER EXPENSE	148.76	355	1,668	5,276	3,608
130-2513-40100:CHLORINE	5,985.00	7,582	6,324	5,400	(924)
130-2513-40300:LIME			120	120	
130-2513-40400:SULFUR DIOXIDE	2,076.54	3,470	3,624	3,480	(144)
130-2513-40902:POLYMER	21,933.45	18,918	20,000	14,556	(5,444)
130-2513-50000:LAB SUPPLIES & EXPENSES	45,601.90	49,327	60,240	41,988	(18,252)
130-2513-60000:PROFESSIONAL FEES	5,590.00	5,885	11,000	11,000	
130-2513-65000:INSPECTION FEES	21,316.93	19,888	19,116	19,116	
130-2513-70000:COMMUNICATIONS	4,812.41	12,278	6,600	6,600	
130-2513-80000:OFFICE SUPPLIES & EXPENSES	4,063.76	4,690	2,868	2,868	
130-2513-80200:COMPUTER SUPPLIES & SERVICE	1,952.00	3,489	3,600	3,600	
130-2513-81500:BANK SERVICE FEES	35.00		1,700		(1,700)
130-2513-90000:INSURANCE EXPENSE	16,269.68	16,970	15,900	16,900	1,000
130-2513-99900:MISCELLANEOUS EXPENSES	2,385.09	293	480	480	
Total OPERATING SUPPLIES & SERVICES	**544,615.95**	**531,151**	**562,735**	**469,500**	**(93,235)**
MAINTENANCE & REPAIR					
MATERIAL:					
130-2520-20001:M&R/MAT- PUMPS	31,835.27	6,340	4,164	6,600	2,436
130-2520-20002:M&R/MAT- ENTRANCE STRUCT.	1,869.58	2,097	2,604	3,000	396
130-2520-20003:M&R/MAT- METERS/INSTRUMENTAT'	678.09	8,357	5,208	19,308	14,100
130-2520-20004:M&R/MAT- GATES/VALVES			2,520	2,520	
130-2520-20008:M&R/MAT- AERATION	6,000.63	(2,065)	1,008	1,008	
130-2520-20009:M&R/MAT- CLARIFIERS	1,382.03	2,069	1,008	2,400	1,392
130-2520-20010:M&R/MAT- CHEMICAL FEED SYSTEM	8,127.24	5,631	7,604	1,800	(5,804)
130-2520-20011:M&R/MAT- WATER SYSTEM	339.46	227	2,004	2,004	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

130 - LOCKHART WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
130-2520-20014:M&R/MAT- GROUNDSKEEPING	431.62	408	2,496	2,496	
130-2520-20015:M&R/MAT- TRUCKS	1,151.36	487			
130-2520-20016:M&R/MAT- MOTORS	1,193.72		3,504	3,504	
130-2520-20017:M&R/MAT- BUILDING	1,372.68	6,183	3,480	2,496	(984)
130-2520-20019:M&R/MAT- TOOLS & EQUIP.	1,294.10	2,876	1,008	1,008	
130-2520-20020:M&R/MAT- ELECTRICAL	404.56	1,155	3,000	3,000	
130-2520-20022:M&R/MAT- TRACTOR	2,186.88	342	1,200		(1,200)
130-2520-20023:M&R/MAT- U.V.DISINFECTION	4,662.93	8,500	10,008	10,008	
130-2520-20024:M&R/MAT- BELT PRESS	5,895.25	4,100	7,728	3,480	(4,248)
130-2520-20042:M&R/MAT- GENERATOR		13	1,008		(1,008)
130-2520-20099:M&R/MAT- OTHER	23.97	8			
Total MATERIAL	**68,849.37**	**46,728**	**59,552**	**64,632**	**5,080**
SERVICES:					
130-2520-30001:M&R/SER- PUMPS	310.63	1,371	2,976	2,976	
130-2520-30002:M&R/SER- ENTRANCE STRUCT.	23,147.48		6,000	6,000	
130-2520-30003:M&R/SER- METERS/INSTRUMENTAT'			1,200	1,200	
130-2520-30004:M&R/SER- GATES/VALVES	72.52		5,004	5,004	
130-2520-30008:M&R/SER- AERATION	1,626.00	650	13,454	13,454	
130-2520-30009:M&R/SER- CLARIFIERS	3,191.50	47,221	17,310	6,000	(11,310)
130-2520-30010:M&R/SER- CHEMICAL FEED SYSTEM	975.00	75	2,004	2,004	
130-2520-30011:M&R/SER- WATER SYSTEM			960	960	
130-2520-30014:M&R/SER- GROUNDSKEEPING	33,906.54	13,299	15,000	15,000	
130-2520-30015:M&R/SER- TRUCKS	539.39	1,088			
130-2520-30016:M&R/SER- MOTORS	5,809.00	1,421	2,400	2,400	
130-2520-30017:M&R/SER- BUILDING	181.63	5,560	3,000	3,000	
130-2520-30019:M&R/SER- TOOLS & EQUIP.	3,538.50	8,852	1,600	1,600	
130-2520-30020:M&R/SER- ELECTRICAL	1,850.08	5,071	3,600	3,600	
130-2520-30022:M&R/SER- TRACTOR	1,223.35	306	2,004		(2,004)
130-2520-30023:M&R/SER- U.V.DISINFECTION	1,905.75		1,200	1,200	
130-2520-30024:M&R/SER- BELT PRESS	11,030.50	7,479	1,416	1,416	
130-2520-30030:M&R/SER- GEN. OFFICE BLDG	426.73	459			
130-2520-30042:M&R/SER- GENERATOR	570.00	3,555	2,600		(2,600)
Total SERVICES	**90,304.60**	**96,406**	**81,728**	**65,814**	**(15,914)**
ADMINISTRATIVE & GENERAL:					
130-2525-00000:A & G EXPENSES	73,197.18	75,210	80,201	75,547	(4,654)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

130 - LOCKHART WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total ADMINISTRATIVE & GENERAL	**73,197.18**	**75,210**	**80,201**	**75,547**	**(4,654)**
INTEREST EXPENSE:					
130-2540-00000:INT ON REVENUE BONDS	34,200.00	22,150	6,665		(6,665)
Total INTEREST EXPENSE	**34,200.00**	**22,150**	**6,665**		**(6,665)**
PURCHASES OF FIXED ASSETS					
LAND & LAND RIGHTS					
STRUCTURES & IMPROVEMENTS					
AUTO & HEAVY EQUIPMENT	53,772.40	(16,326)			
OFFICE FURN & EQUIPMENT					
MISCELLANEOUS EQUIPMENT	(3,615.99)	13,781			
Total PURCHASES OF FIXED ASSETS	**50,156.41**	**(2,545)**			
WIP-OPERATING			**15,000**		**(15,000)**
TOTAL OPERATING EXPENSES	**1,179,809.66**	**1,097,074**	**1,149,063**	**999,541**	**(149,523)**
NET OPERATING INCOME	**611,600.99**	**643,246**	**266,652**		**(266,652)**
TOTAL NON-REVENUE FUNDS RECEIVED					
DEBT SERVICE PAYMENTS:					
130-1213-00002:L/P- GENERAL LOAN PAID			266,665		(266,665)
130-1211-20002:BONDS PAID-REFUNDING 2010	590,000.00	615,000			
Total DEBT SERVICE PAYMENTS	**590,000.00**	**615,000**	**266,665**		**(266,665)**
TOTAL NON-OPERATING FUNDS APPLIED	**590,000.00**	**615,000**	**266,665**		**(266,665)**
NET CHANGE IN FUND BALANCE	**21,600.99**	**28,246**	**(13)**		**13**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

130 - LOCKHART WWTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
WIP - OPERATING					
130-1114-88407:CHLORINE ROOM/CYLINDER PAD-SE			15,000		(15,000)
Total			**15,000**		**(15,000)**
TOTAL WIP - OPERATING			**15,000**		**(15,000)**



Lockhart WTP

The Lockhart Water Treatment Plant has been operated by GBRA since October 1, 2001, 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 dinsinfected and blended with surface water supplied from the GBRA Luling Water Treatment Plant.

- Service Provided: Water Treatment
- Location: Lockhart, TX
- Startup Operation Date: 2001
- Customer: City of Lockhart
- Capacity: 4 mgd
- # of gallons treated: 155,470,000
- # of Current Employees: 3
- Budgeted Revenue: $669,149

Lockhart Division
Lockhart Water Treatment Plant System
Operating Plan for Fiscal Year ending 8/31/18

BACKGROUND

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 2018 is 155.47 MG or 0.426 MGD. However, the total water needs for the City from all sources is estimated to be approximately 579.82 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.

Three operators from the Lockhart Water Treatment Plant System are responsible for operating and maintaining the plant and ground water production facilities. Personnel from the Lockhart Wastewater Reclamation System assist in the operations and maintenance of the ground water system. All water and wastewater treatment activities are supervised by the Lockhart Operations Manager. Serving as facilitators to the Lockhart Operations team are the Division Manager-Hays and Caldwell Counties and the Operations Manager-Upper Basin, both located at GBRA's Seguin office. Additional support will be received from the Seguin office in the form of engineering, electrical, purchasing and administrative functions.

REVENUE SOURCES AND TRENDS

After signing a contract with the City of Lockhart in September 2000, GBRA assumed the operation of the City's 4.0 million gallon per day (MGD) groundwater treatment plant and water wells on October 1, 2000. This contract provides that GBRA does not over-recover nor under-recover the costs of operating the System.

The budget is based on a total estimated annual water treatment of 155,468,000 gallons or 155.47MG. The budgeted FY 2018 operating revenue for the Lockhart Water Treatment Plant System is $669,149 which is $7,229 or 1.1% more than last year's budget. As described in the previous paragraph, the Lockhart WTP System is a cost of service operation and any is a cost of service operation and any year-over-year change in revenue is in a direct relationship to 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 2018 mirrors the revenue budget and therefore also amounts to $669,149, which is $7,229 more than FY 2017. Two of the major operating expenses for the ensuing fiscal year are power and chemicals. Chlorine, liquid ammonia solution(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 2018 is $40,524. Power will also be a major expense for the upcoming year amounting to $63,468 or $856 less than FY 2017. Professional fees increased due to requesting an engineering firm to develop plans and specs for the replacement of the antiquated SCADA system.

Personnel will attend various Texas Engineering Extension Service courses in order to provide advanced training and to maintain or upgrade TCEQ required water licenses. Personnel will also attend training related to team building skills, confined space rescue, hazard communication, electrical safety and maintenance, first aid, CPR, computer software, and professional development.

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 2018 is $0.

Staffing Summary

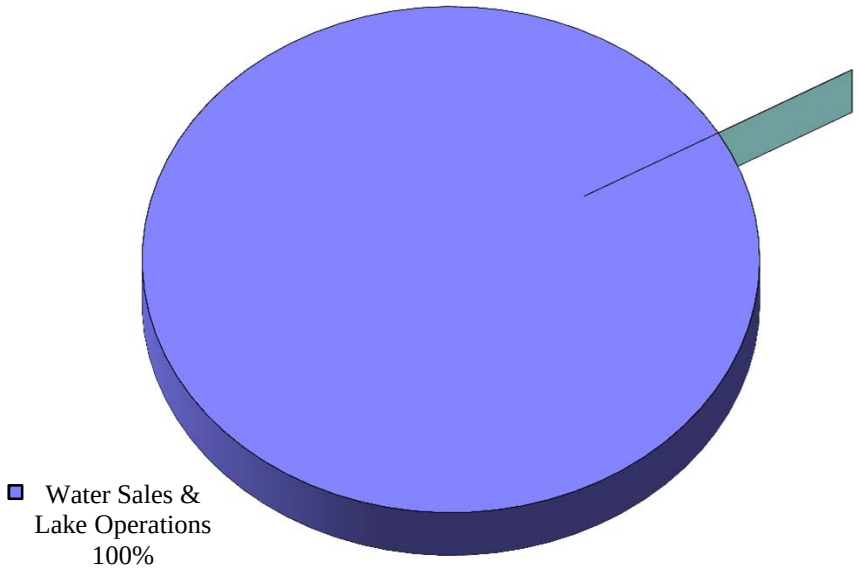
Lockhart WTP	# of Authorized Positions (FTE)		
	2016	2017	2018
Operators	3	3	3
Total	**3**	**3**	**3**

Changes from FY 2016 to FY 2017
No staffing changes for this division.

Changes from FY 2017 to FY 2018
No staffing changes for this division.

Budget Summary

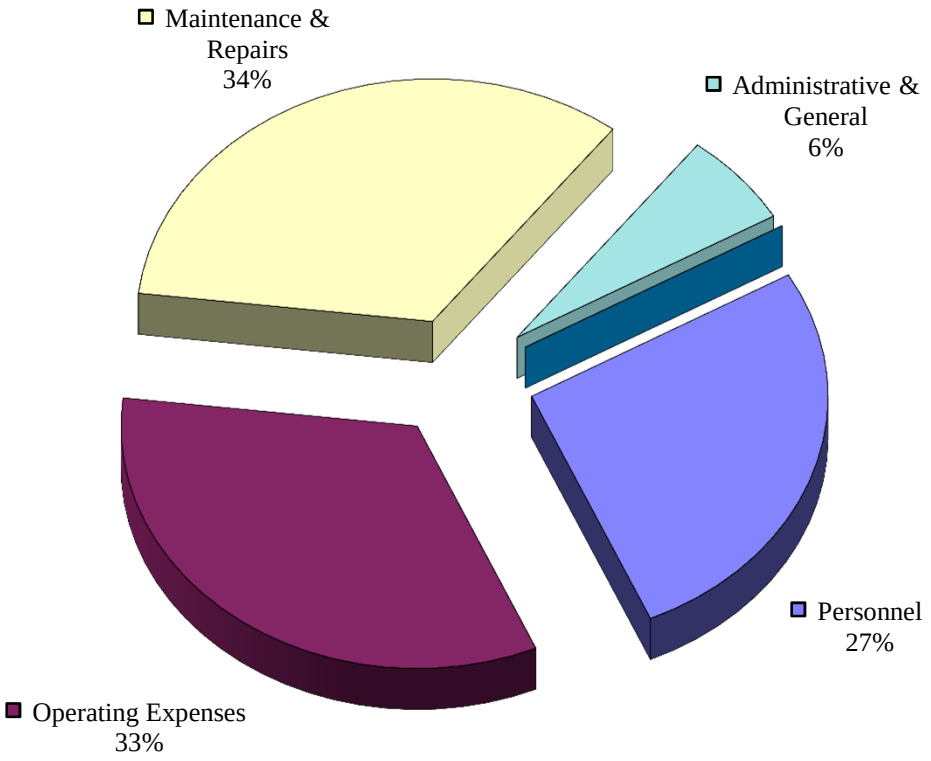
REVENUES - Lockhart WTP



Revenues	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	553,774	661,860	669,149
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	5,483		
Total Operating Revenues	**559,257**	**661,860**	**669,149**
Interest Income	5	60	
Grand Total Revenues	**559,262**	**661,920**	**669,149**

Budget Summary

EXPENSES - Lockhart WTP



Expenses	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	166,113	208,039	179,158
Operating Expenses	184,818	197,288	223,606
Maintenance & Repairs	169,650	207,952	224,632
Administrative & General	38,687	48,581	41,753
Total Operating Expenses	**559,268**	**661,860**	**669,149**
Interest Expense			
Capital Outlay	(18,708)		
Debt Service			
Grand Total Expenses	**540,560**	**661,860**	**669,149**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

131 - LOCKHART WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
OPERATING REVENUES					
WATER SALES & LAKE OPERATIONS:					
131-2413-10200:PLANT O&M EXPENSES	612,551.91	511,117	613,279	627,396	14,117
131-2413-10300:ADMINISTRATIVE & GENERAL	41,291.56	38,687	48,581	41,753	(6,828)
131-2413-30100:ADDS. TO PLANT AND EQUIP.	22,285.00	3,970			
Total WATER SALES & LAKE OPERATIONS	**676,128.47**	**553,774**	**661,860**	**669,149**	**7,288**
MISCELLANEOUS INCOME:					
131-2440-19900:MISCELLANEOUS REVENUES	9.35	4,557			
Total MISCELLANEOUS INCOME	**9.35**	**4,557**			
INTEREST INCOME:					
131-2420-10000:INT ON OPERATING FUNDS	52.31	5	60		(60)
Total INTEREST INCOME	**52.31**	**5**	**60**		**(60)**
GAIN(LOSS) ON SALE OF ASSETS:					
131-2612-00000:GAIN/LOSS ON SALE OF ASSETS		926			
Total GAIN(LOSS) ON SALE OF ASSETS		**926**			
TOTAL OPERATING REVENUES	**676,190.13**	**559,262**	**661,920**	**669,149**	**7,228**
SALARIES & WAGES					
STAFF TECHNICAL ASSISTANCE	8,265.46	8,606	13,116	23,485	10,369
SUPERVISION	32,436.08	22,997	54,084	11,668	(42,416)
OPERATING LABOR	52,174.55	54,922	80,016	91,371	11,355
MAINTENANCE LABOR	32,249.85	30,709			
Total SALARIES & WAGES	**125,125.94**	**117,235**	**147,216**	**126,524**	**(20,693)**
EMPLOYEE EXPENSES & BENEFITS:					
131-2512-20000:EMPLOYEES' TRAVEL	1,157.16	256	1,200	1,392	192
131-2512-30000:EMPLOYEE BENEFITS	51,030.01	48,622	59,623	51,242	(8,380)
Total EMPLOYEE EXPENSES & BENEFITS	**52,187.17**	**48,878**	**60,823**	**52,634**	**(8,188)**
OPERATING SUPPLIES & SERVICES:					
131-2513-10000:TRUCK OPERATING EXPENSES	2,438.15	2,240	6,984	5,760	(1,224)
131-2513-12002:EQUIPMENT RENTAL	3,800.01	2,124	1,650	1,650	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

131 - LOCKHART WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
131-2513-17000:DUES AND MEMBERSHIPS	391.00	395	424	424	
131-2513-18000:PUBLICATIONS AND BOOKS	825.15	989	240	240	
131-2513-19000:SMALL TOOLS EXPENSE	850.89	755	1,008	1,008	
131-2513-20000:TRACTORS AND EQUIPMENT			120	120	
131-2513-21000:UNIFORMS AND LAUNDRY	2,653.73	3,057	2,484	2,484	
131-2513-27000:TRAINING EXPENSES	2,174.12	1,630	2,808	2,808	
131-2513-29000:SAFETY & EMERG. EXPENSES	5,155.64	1,997	1,404	1,404	
131-2513-29200:SECURITY EXPENSE			4,008	4,008	
131-2513-30000:POWER AND UTILITIES	64,530.56	58,670	64,324	63,468	(856)
131-2513-40100:CHLORINE	3,256.00	2,960	2,870	3,600	730
131-2513-40600:FLOURIDE			924	924	
131-2513-40800:AMMONIA		1,958	3,000	3,000	
131-2513-41700:ORTHOPHOSPHATE	26,499.00	30,036	33,000	33,000	
131-2513-50000:LAB SUPPLIES & EXPENSES	13,017.85	20,275	20,292	19,860	(432)
131-2513-60000:PROFESSIONAL FEES	11,552.13	18,196	18,600	48,600	30,000
131-2513-65000:INSPECTION/TESTING FEES	9,535.25	9,535	9,380	9,380	
131-2513-70000:COMMUNICATIONS	8,549.28	8,550	3,996	3,996	
131-2513-80000:OFFICE SUPPLIES & EXPENSES	1,709.75	2,217	2,100	2,100	
131-2513-80200:COMPUTER SUPPLIES & SERVICE	1,174.41	2,261	3,192	3,192	
131-2513-90000:INSURANCE EXPENSE	12,043.00	11,965	14,000	12,100	(1,900)
131-2513-99900:MISCELLANEOUS EXPENSES	455.17	1,037	480	480	
Total OPERATING SUPPLIES & SERVICES	**170,611.09**	**180,848**	**197,288**	**223,606**	**26,318**
MAINTENANCE & REPAIR					
MATERIAL:					
131-2520-20001:M&R/MAT- GROUNDSKEEPING	1,295.19	1,282	2,268	2,268	
131-2520-20003:M&R/MAT- STORAGE TANKS	4.99	68	3,000	3,000	
131-2520-20004:M&R/MAT- CHEM FEED EQUIP	7,935.76	4,410	2,400	2,400	
131-2520-20006:M&R/MAT- MOTORS	4,029.75	3,410	8,004	8,004	
131-2520-20009:M&R/MAT- TOOLS & EQUIP.	1,660.38	865	1,008	3,008	2,000
131-2520-20010:M&R/MAT- METERS	6,649.23	5,232	10,608	14,544	3,936
131-2520-20011:M&R/MAT- GATES & VALVES	2,684.33	3,096	8,112	8,112	
131-2520-20012:M&R/MAT- TRUCKS	801.27				
131-2520-20014:M&R/MAT- PUMPS	13,737.70		14,604	14,604	
131-2520-20022:M&R/MAT- STRUCTURE MAINT.	504.14	1,188	6,744	6,744	
131-2520-20024:M&R/MAT- ELECTRICAL	3,955.53	2,753	2,400	2,400	
131-2520-20026:M&R/MAT- WELLS	55,134.78	53,671	35,004	35,004	
131-2520-20027:M&R/MAT- WATER LINE	27,417.84	9,064	3,324	3,324	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

131 - LOCKHART WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
Total MATERIAL	**125,810.89**	**85,040**	**97,476**	**103,412**	**5,936**
SERVICES:					
131-2520-30001:M&R/SER- GROUNDSKEEPING	16,381.51	21,791	15,408	15,408	
131-2520-30003:M&R/SER- STORAGE TANKS	930.00	1,470	5,004	5,004	
131-2520-30004:M&R/SER- CHEM FEED EQUIP	56.00	475	2,400	2,400	
131-2520-30006:M&R/SER- MOTORS	4,954.00	113	4,908	4,908	
131-2520-30009:M&R/SER- TOOLS & EQUIP.	4,766.43	550	1,560	2,360	800
131-2520-30010:M&R/SER- METERS	360.12	10	3,600	3,600	
131-2520-30011:M&R/SER- GATES & VALVES			10,596	10,596	
131-2520-30012:M&R/SER- TRUCKS	435.91	227			
131-2520-30014:M&R/SER- PUMPS	2,200.00		9,696	9,696	
131-2520-30022:M&R/SER- STRUCTURE MAINT.			3,000	10,500	7,500
131-2520-30024:M&R/SER- ELECTRICAL	2,995.62	180	4,800	4,800	
131-2520-30026:M&R/SER- WELLS	98,441.13	56,897	44,100	44,100	
131-2520-30027:M&R/SER- WATER LINE	6,931.00	2,440	5,404	7,368	1,964
131-2520-30030:M&R/SER- GEN. OFFICE BLDG	426.76	459		480	480
Total SERVICES	**138,878.48**	**84,610**	**110,476**	**121,220**	**10,744**
ADMINISTRATIVE & GENERAL:					
131-2525-00000:A & G EXPENSES	41,291.56	38,687	48,581	41,753	(6,828)
Total ADMINISTRATIVE & GENERAL	**41,291.56**	**38,687**	**48,581**	**41,753**	**(6,828)**
PURCHASES OF FIXED ASSETS					
LAND & LAND RIGHTS					
STRUCTURES & IMPROVEMENTS					
AUTO & HEAVY EQUIPMENT	22,285.00	(18,708)			
OFFICE FURN & EQUIPMENT					
MISCELLANEOUS EQUIPMENT					
Total PURCHASES OF FIXED ASSETS	**22,285.00**	**(18,708)**			
PROJECT RECLASS TO OPR EXPENSES		**3,970**			
TOTAL OPERATING EXPENSES	**676,190.13**	**540,560**	**661,860**	**669,149**	**7,288**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN & BUDGET
FISCAL YEAR ENDING AUGUST 31, 2018

131 - LOCKHART WTP

	FY 2015 ACTUAL	FY 2016 ACTUAL	FY 2017 BUDGET	FY 2018 BUDGET	FY 2017-2018 DIFFERENCE
NET OPERATING INCOME		18,702	60		(60)
TOTAL NON-REVENUE FUNDS RECEIVED					
TOTAL NON-OPERATING FUNDS APPLIED					
NET CHANGE IN FUND BALANCE		18,702	60		(60)

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	Coleto 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 course 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 of 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 form 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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FY 2018 Budget Presentation

Board of Directors Meeting

July 19, 2017

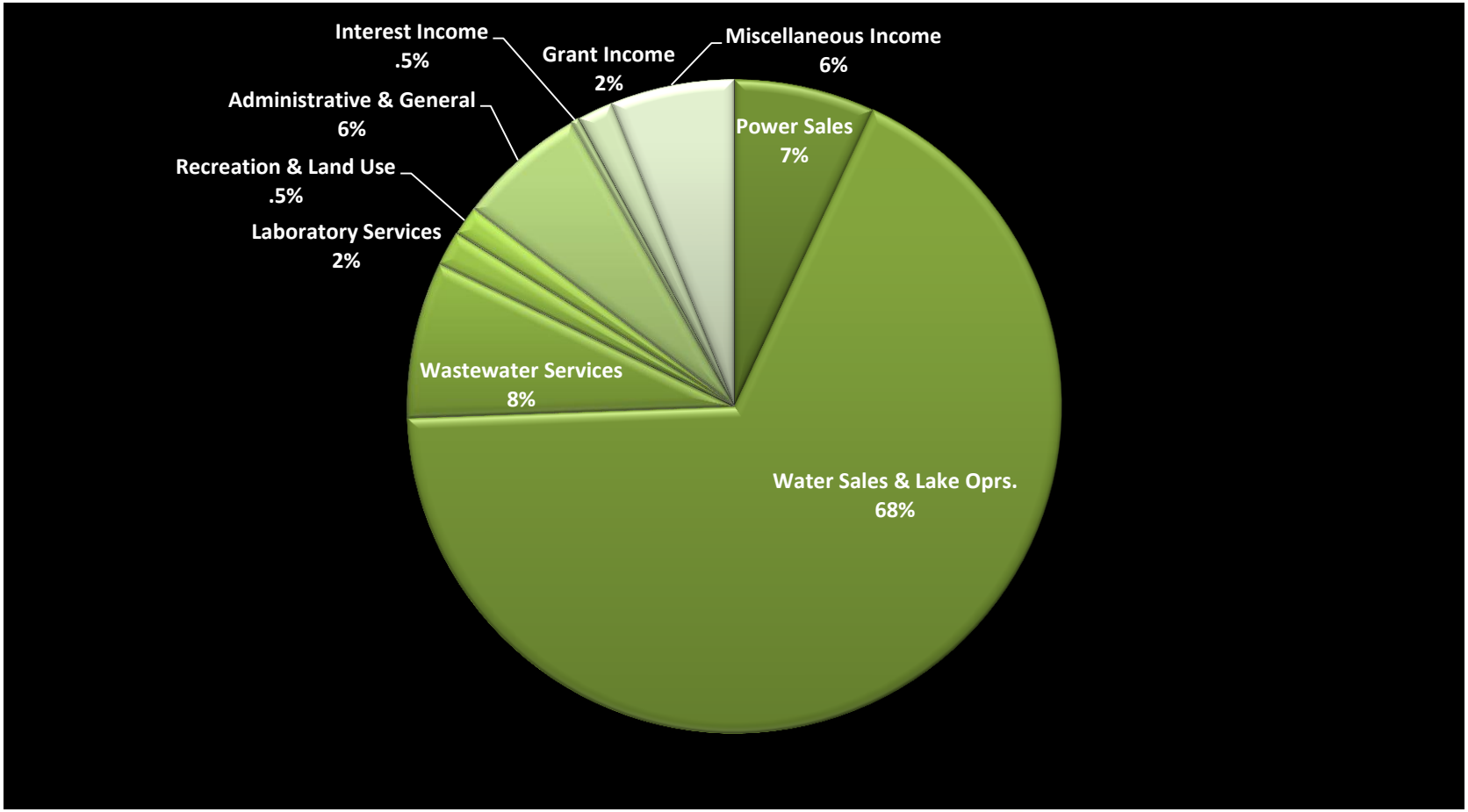
Consolidated Budget Summary

	FY 2017	FY 2018	% Change from PY
Total Revenue	**$ 59,100,159**	**$ 57,088,681**	**-3.4%**
Total Expenses	**(51,422,974)**	**(49,988,003)**	**-2.8%**
Net Other Sources and Uses - FY 2018		**(6,537,645)**	
Net Change in Working Capital		**$ 563,033**	

Consolidated Revenue

	FY 2017	FY 2018	% Change from PY
REVENUE			
Power Sales	$ 3,858,128	$ 3,969,940	2.9%
Water Sales & Lake Oprs.	37,339,353	38,523,580	3.2%
Wastewater Services	4,689,649	4,408,460	-6.0%
Laboratory Services	930,000	975,000	4.8%
Recreation & Land Use	812,000	826,840	1.8%
Administrative & General	3,314,943	3,653,322	10.2%
Interest Income	226,792	231,846	2.2%
Grant Income	5,196,054	1,001,960	-80.7%
Miscellaneous & Rental Income	2,733,240	3,497,733	28.0%
Total Revenue	**$ 59,100,159**	**$ 57,088,681**	**-3.4%**

Consolidated Revenue



Revenue Highlights

- Water Sales & Lake Operations – 2% Increase ($1.2 million)
  - Canyon water rate of $145 per AFY, 2% increase over current year
  - Treated water distribution sales for western canyon area
  - Revenue associated with Western Canyon Water Plant TTHM debt service
  - Rate increase of 8% in the Rural Water Distribution System
  - No rice crop revenue
- Wastewater Services – 6% Decrease ($282,000)
  - Reduction of revenue due to sale of Springs Hill Wastewater Plant to City of Seguin
  - Rate increase of 4% for Canyon Park and Dunlap monthly fee
  - Rate increase of 4.8% for Cordillera monthly fee and implementation of grinder pump replacement cost recovery
- Power Sales – 3% increase ($111,800)
  - Guadalupe Valley Hydro budget – no change from FY 2017
  - Canyon Hydro budgeted increase to cover large capital items

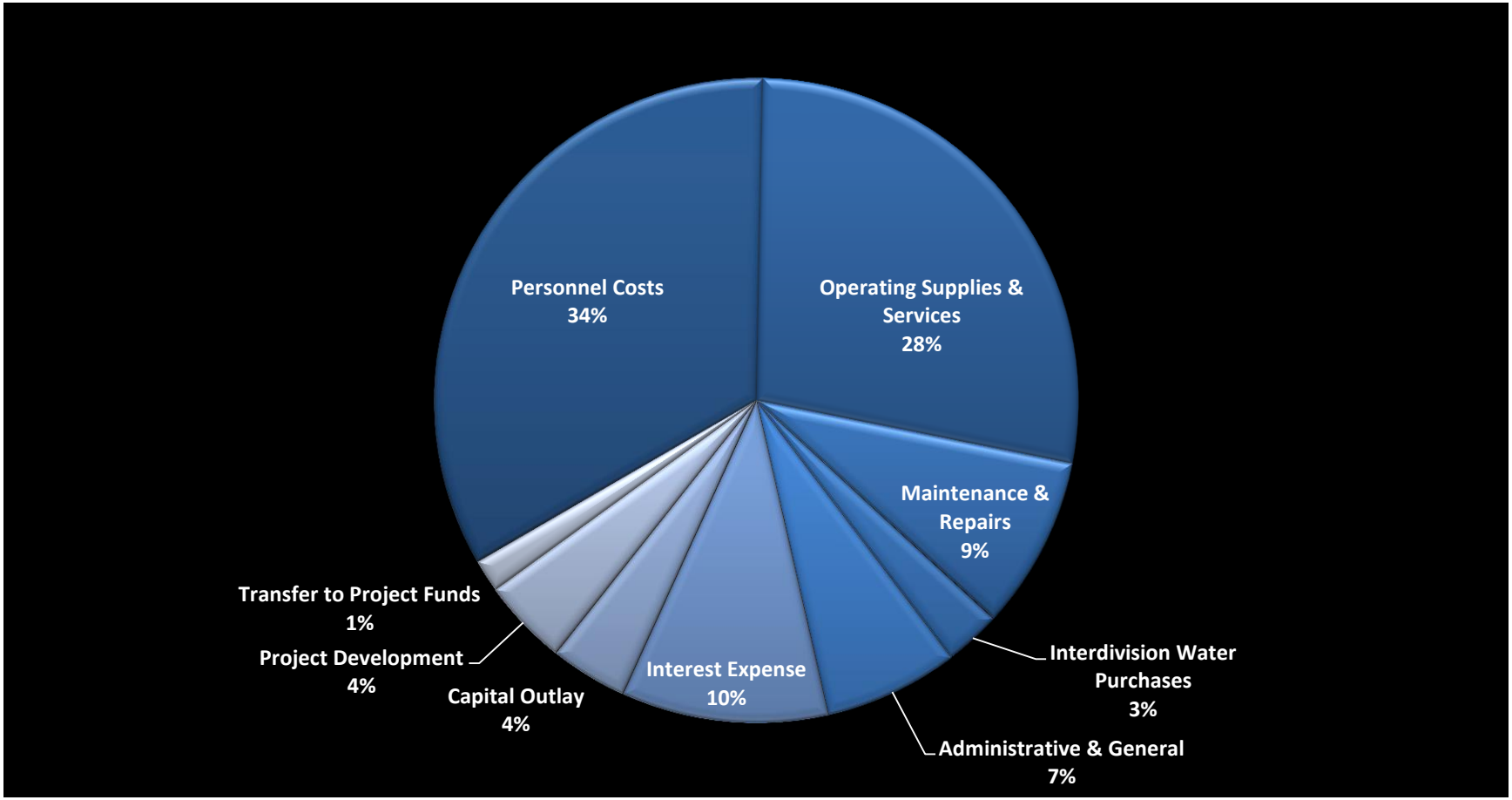
Revenue Highlights

- Grant Income – 81% Decrease ($4.2 million)
  - Reduction of grant revenues received compared to FY 2017
- Miscellaneous & Rental Income – 28% Increase ($765,000)
  - Developer true-up estimates for Johnson Ranch water and wastewater
  - Development fees in Dunlap system – Silo I & II developments
  - New funding source for repayment of potential loan associated with the replacement of Hydro gates at H-5 - Lake Wood

Consolidated Expenses

	FY 2017	FY 2018	% Change from PY
EXPENSES			
Personnel Costs	$ 15,493,851	$ 16,818,003	8.5%
Operating Supplies & Services	12,579,647	13,911,890	10.6%
Maintenance & Repairs	3,938,031	4,338,719	10.2%
Interdivision Water Purchases	1,241,032	1,425,503	14.9%
Administrative & General	3,111,278	3,377,187	8.5%
Interest Expense	4,952,491	5,183,598	4.7%
Capital Outlay	1,437,414	1,941,800	35.1%
Project Development	8,669,230	2,173,803	-74.9%
Transfer to Project Funds	-	817,500	
Total Expenses	**$ 51,422,974**	**$ 49,988,003**	**-2.8%**

Consolidated Expenses



Expense Highlights

- Personnel Costs – Increase 8% ($1.3 million)
  - Average wage increase budgeted at 3%
  - Three additional FTE's
  - Impacts of reorganization in FY 2017
- Operating Costs – Increase 11% ($1.3 million)
  - Increased budget for Canyon Lake operations and infrastructure improvements (U.S. Corps of Engineers)
  - Overall decrease in power costs
  - Professional Fees (sunset advisory commission, water rights consulting, USGS study)
- Maintenance & Repairs – Increase 10% ($400,000)
  - Sunfield wastewater plant clean and painting
  - Odor control covers at Cordillera wastewater plant
  - Lower basin diversion system

Expense Highlights

- Capital Outlay – Increase 35% ($504,000)
  - Surface water rights purchase
  - Asset Management program
  - Drive-by meter reading system for Rural Water
  - Software Investment and Upgrades
  - Replacement of old vehicles and equipment
- Project Development – Decrease 75% ($6.5 million)
  - Reduction of grant related expenses between 2017 and 2018
  - Some costs now included in Operating Expenses
- Transfer to Project Funds (New - $817,500)
  - Accounts for outlays that may become a larger project or may span multiple years
  - Detail in Water Sales Project Fund includes Lower Basin Storage Project and Siphon Gates Improvements

Net Change in Working Capital

	FY 2017	FY 2018	% Change from PY
Total Revenue	**$ 59,100,159**	**$ 57,088,681**	**-3.4%**
Total Expenses	**(51,422,974)**	**(49,988,003)**	**-2.8%**
Other Sources and Uses - FY 2018			
Principal Retirement on Debt		(5,767,263)	
General Fund Loan Repayment - Dunlap		150,000	
Transfer to Debt Service Reserve		(1,019,715)	
Use of Available Cash		99,333	
Net Change in Working Capital		**$ 563,033**	

2018 Capital Improvement Program

- Capital Improvement Program - $49.5 million
  - Gonzales Groundwater Project - Bond funded
  - Port Lavaca Water Plant Improvements - Bond funded
  - Hydro Dam Gate Rehabilitation
    - Funded in 2017
  - Canyon Park Wastewater Plant Expansion
  - Lower Basin Storage Analysis
  - Siphon Gate Improvements
  - Western Canyon Water Plant
    - Filter Module Replacement Program
    - SH 46 Pipeline Relocation
    - Disinfection By-Products (TTHM) Project - Bond Funded

Financial Reserves

- Current Working Capital Reserve Board Policy is 5 months of budgeted revenue. For FY 2018 the target cash reserves are $23.8 million under the current policy
- The FY 2018 Budget at a minimum sustains the Board's Working Capital Reserve Policy

FY 2018 Budget Schedule

- July 2017 – Budget presented to Board of Directors
- July-August 2017 – Budget work sessions with Board Members
- August 16, 2017 – Board considers adoption of FY 2018 Budget
- September 1, 2017 – Budget in effect
- October 1, 2017 – Effective date of new rates

GUADALUPE-BLANCO RIVER AUTHORITY
CONSOLIDATED BUDGET SUMMARY
FISCAL YEARS 2017 AND 2018

	FY 2017	FY 2018	% Change from PY
REVENUE			
Power Sales	$ 3,858,128	$ 3,969,940	2.9%
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OTHER SOURCES AND USES			
Principal Retirement on Debt		$ (5,767,263)	
General Fund Loan Repayment - Dunlap		150,000	
Transfer to Debt Service Reserve per bond covenants		(1,019,715)	
Use of Available Cash		99,333	
Net Other Sources and Uses		**$ (6,537,645)**	
Net Change in Working Capital		**$ 563,033**	