GUADALUPE-BLANCO RIVER AUTHORITY

WORK PLAN AND BUDGET

Fiscal Year Ending August 31, 2017

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, 2015. 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, 2017

DIRECTORS

Tommy Mathews
Chair
Robert "Rusty" Brockman, Jr.
Vice-Chair
Dennis L. Patillo
Secretary-Treasurer
William R. Carbonara
Oscar H. Fogle
Grace G. Kunde
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Don B. Meador
Kenneth Motl

EXECUTIVE STAFF

W. E. West, Jr.
General Manager (Retiring September 2016)
Kevin Patteson
General Manager/Chief Executive Officer
Darrell Nichols
Senior Deputy General Manager
Jonathan Stinson
Deputy General Manager
Tom Bohl
General Counsel
James L. Murphy
Executive Manager of Water Resources & Utility Operations
Alvin Schuerg
Executive Manager of Finance & Administration
LaMarriol Smith
Executive Manager for Strategic Communications & Public Affairs
Todd Votteler
Executive Manager of Science, Intergovernmental Relations & Policy
David Welsch
Executive Manager of Business Development & Resource Management

MANAGEMENT STAFF

Darel Ball
Operations Manager – Lower Basin
Barbara Gunn
Human Resources Manager
Charles Hickman
Manager of Project Engineering
Thomas Hill
Chief Engineer
John Smith
Operations Manager – Upper Basin
Michael Urrutia
Director of Water Quality Services
Vacant
Director of Project Development

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Guadalupe-Blanco River Authority
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. The breadth of this mission requires that GBRA periodically reassess and re-prioritize its programs, operations, and organizational focus through sound strategic planning. GBRA's Board of Directors and staff members have spent a considerable amount of time over the years reviewing the strategic plan, its goals and priorities while also formulating updates as necessary. In developing the FY 2017 Work Plan and Budget, GBRA has attempted to include new and continuing initiatives which best accomplish our strategic goals as well as those programs that are valued by our constituents. Throughout FY 2016 and as we approach FY 2017, GBRA's employees have worked to implement the mission statement, accomplish strategic goals, and provide needed services to our customers. Some of these activities that will continue into FY 2017 include:

1. The staff has been actively involved in the activities and policy development processes of the Edwards Aquifer Authority (EAA). An integral part of EAA's policy development has been is a process known as a "Recovery Implementation Plan" (RIP). The RIP was developed by several stakeholders of the Edwards Aquifer under the auspices of the U.S. Fish and Wildlife Department (USFWS). 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 completed during FY 2012 and subsequently approved by the USFWS in FY 2013. The RIP and Plan include among several basic tenets various initiatives to better assure the continuation of springflow even during times of severe drought. Throughout FY 2017 and the coming years, GBRA will work with all Edwards Aquifer stakeholders to better assure that the Plan's provisions are followed and the Plan's goals are met.

   Another area related to the EAA that is included in GBRA's ongoing staff interest and involvement for FY 2017 is an ongoing voting rights suit filed by League of Latin American Citizens (LULAC) but strongly supported by the San Antonio Water System against the EAA Board of Directors. The suit seeks to alter the make-up of that Board. The result would be to give Bexar County a "super majority" of the Board seats. GBRA is concerned that if this change was made, the EAA Board's focus could shift and less protection of spring flow at Comal and San Marcos Springs could result. GBRA is assisting the EAA in maintaining the current Board make-up, better assuring all aquifer interests are adequately represented, and assuring that spring flow continues to provide the critical base supply of the Guadalupe River Basin.

2. The staff has also 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. The GBRA staff projects that considerable time will be expended in FY 2017 on continuing work related to the SB1 process as well as other State related regulatory studies including In-Stream Flow and Environmental Flow Requirements.

3. The staff and employees have worked to assist communities and entities within the district in meeting their long-term water needs. In recent years, this water supply focus has been in the upper portion of the river basin; however the GBRA staff has also been working with water purveyors, developers, and industrial prospects in the lower basin as development along the Texas Gulf Coast has been renewed. Consistent with this enhanced lower basin focus is GBRA's founding of the San Antonio Bay Foundation in 2008 and the inclusion of $25,000 in next year's budget for GBRA's continued support of the Foundation. One of the Foundation's principal missions is to protect and better assure the water quality and ecological health of the Guadalupe River delta and San Antonio Bay. More information regarding the Foundation may be found on GBRA's website. Also in the lower basin, GBRA has been actively working on and working with several potential water supply customers related to a Lower Basin Water Supply Project. The Project as envisioned, would "firm up" existing GBRA lower basin run-of-river water rights through the construction of an off-channel reservoir. While the reservoir would only hold as little as 12,500 acre-feet of water, that amount when used in conjunction with the run-of-river rights, would be sufficient to supply a firm yield of approximately 100,000 acre-feet per year. GBRA has held a number of meetings with potential customers of the Project and when an adequate amount of commitments for project capacity are received, the design, permitting and right-of-way work for the project will commence.

4. The staff and employees have 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. This network was very beneficial during the Guadalupe River Basin floods of 1998, 2002, 2004, 2010, 2015 and 2016.

5. 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.

6. 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.

7. The staff has implemented water, wastewater and electric rate increases when appropriate to fund new and existing operations and to better assure financial stability. Probably the most important of these is the periodic changes to GBRA's contract rate for firm, committed water. This rate is projected to increase to $142.00 per acre-foot during FY 2017, which is a 5.2% increase from last year. This rate increase follows a 3.8% increase for FY 2016 and a 4%

increase in FY 2015. Over the ten year period of FY 2007 – 2016 the average rate increase was 4.8% per year.

8. Another of the principal rates charged by GBRA relates to our Guadalupe Valley Hydroelectric Division. GBRA did adopt a significant rate increase in July 2010 for this Division, an increase which provided 40% more in the Division's budgeted revenue over the prior rate. However, the "Hydro Rate" has not been adjusted since 2010 due to the fact that wholesale electrical rates in the State have actually declined the last few years due to the abundance of natural gas as a fuel to generate electricity. Therefore, the "Hydro Rate" will continue as is during FY 2017. While market conditions generally preclude an increase in the rate, operational and maintenance costs of the Division continue to rise. This rise in costs is somewhat related to the deferral of programs during the 4 – 5 years of drought that started in 2010 as well as the age of the Division's infrastructure which is approaching ninety (90) years of age. Reflective of this hydroelectric cost increase is an estimated $3,768,000 of spillgate repairs budgeted for FY 2017 at the six dams operated and maintained by the Division.

9. GBRA's experience and technical expertise has resulted in a number of water supply and treatment projects in the last decade approximating 37 MGD for residents of Hays, Comal, Caldwell and Kendall counties. These include the 10 MGD Western Canyon Regional Water Supply Project in Comal and Kendall counties, the 25 MGD Regional Raw Water Supply Project in Guadalupe and Hays counties, and the 1.5 MGD Lu-Lo Treated Water Pipeline between the Cities of Luling and Lockhart. While the GBRA staff will continue in FY 2017 to work with the customers of the Western Canyon Project to determine the optimum time to expand the project from 10 MGD up to 15 MGD, based upon current water demand, that expansion may be deferred several more years. In the meantime, smaller project additions will be added at many of the water plants related to mitigating the inherent issue of "disinfection by-products" (DBP Project) when treating surface water supplies. The largest of these projects is a $3,304,910 DBP Project located at the Western Canyon Water Treatment Plant. The Project Participant Committee for the Plant reviewed various options during FY 2016 and elected to implement a Phase One Aeration Project during 2017 with a Phase Two Granulated Activated Carbon being a future, additional option.

10. During FY 2017, the GBRA staff will also spend a substantial amount of time and effort analyzing potential additional water supply projects with most of the emphasis being on the Mid Basin Water Supply Project located in Gonzales County and the Lower Basin Water Supply Project located in Calhoun County. The Mid-Basin Project is envisioned initially to be a 25 MGD project but expandable to 50 MGD later. As currently structured, the Project will supply both groundwater and surface water from the Gonzales County area of the district to the area that generally lies between IH35 and the new State Highway 130. Project initiatives included in the FY 2017 Work Plan are (a) securing the Texas Commission on Environmental Quality (TCEQ) surface water diversion permits while at the same time, (b) the development of contracts with area water purveyors needing future water supplies from this Project.

11. GBRA's public communication within the district and with State officials has continued to grow through traditional means as well as over the last few years, through electronic options.

GBRA will continue its commitment to provide constituents throughout the basin with timely information about GBRA's activities.

12. Closely related to public communication and the ability to meet the demands of the District is GBRA's relationship with its customers and constituents. Recognizing this need, GBRA established an Economic Development and Customer Service Department during FY 2003. In the coming year and the years that follow, this department will seek to continue understanding the water and wastewater needs of GBRA's customers and the broader District, facilitate GBRA's assistance with meeting those needs, and at the same time provide assistance for sound economic development in the District.

13. GBRA and its legal counsel will continue to monitor any residual activity or future complaints filed related to a Whooping Crane Endangered Species lawsuit first filed in 2011. The case was eventually taken to the U.S. Supreme Court which refused to hear the case and thereby the Appeals Court decision was upheld in favor of GBRA and the State of Texas. During FY 2016 and related to the case, GBRA and the plaintiffs in the "Crane" case executed a landmark agreement to work together for the continued health and well-being of the Guadalupe River, the delta, and San Antonio Bay. At least one emphasis of this agreement will be an effort to secure additional land or conservation easements which will provide more habitat for the growing flock of cranes.

GBRA employees have developed the accompanying Work Plan and Budget to continue the activities listed above as well as to fulfill GBRA's broader mission. The development of the Work Plan and Budget began in March 2016. GBRA's employees 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, GBRA's employees focused on refining and prioritizing the Work Plan and Budget to insure 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 insuring 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.

The adoption of the accompanying Work Plan and Budget by GBRA's Board of Directors on August 17, 2016, culminates the development phase and begins the implementation phase. 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. Restating the current Mission, Goals and Strategic Priorities of GBRA, as developed by the Board of Directors and employees;

II. Expounding policies and goals that address long-term concerns and issues, and which guide the development of the budget.

III. Describing the organizational structure and staff required to implement the Goals and Objectives;

IV. Describing the most important elements of the Work Plan and how these relate to the implementation of the Goals and Objectives;

V. Describing the format used for each of the operating budgets;

VI. Listing demographic data related to GBRA's district as well as GBRA financial data related to major revenues, expenditures, and trends; and

VII. Summarizing the existing and proposed rates used in the Work Plan and Budget for each of GBRA's operating divisions.

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 expects to further increase its retail operations during FY 2017 via new wastewater connections in 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 2017, GBRA will first 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 60. The decrease in Total Assets during the past several years as shown on page 60 is the result of depreciation expense lowering the book value of GBRA's assets and the removal of the assets associated with the Victoria Wastewater Treatment Plant after the City of Victoria reassumed Plant ownership and operation on January 1, 2011 after 40 years of GBRA operation.

II. MISSION, GOALS AND OBJECTIVES

On May 3-4, 1994, the GBRA Board of Directors and Management Team engaged in a strategic planning process that produced GBRA's current Mission Statement as well as the foundation of today's Strategic Goals and Objectives. At later meetings, the Goals and Objectives were refined or updated by the Management Team and division managers. On July 8-9, 1999, the GBRA Board and Management Team met once again to review and amend the goals and strategic objectives. During FY 2002, the GBRA staff again participated in strategic planning activities to insure GBRA was positioned to meet the needs of a rapidly growing district. Emanating from this strategic planning process and the periodic reviews that followed in January 2004, February 2005, March 2008, October 2008, April 2011 and February 2012, GBRA focused on four principal areas of activity including public communication, human resources, financial planning, and project management. Each of these four activities was then further defined and action plans developed for the areas listed below.

- Public Communication
  - Enhance communication and education programs
  - Strengthen ties to customers
  - Increase public involvement and identification
- Human Resources
  - Identify and plan for staffing needs
  - Use the Human Resources Department more effectively
  - Review the annual employee performance assessment process

- Initiate succession planning and enhance supervisory staff knowledge
- Reevaluate human resource policies for effectiveness
- Review and enhance employee benefits

❖ Financial Planning
- Conduct rate reviews annually
- Explore grant opportunities
- Identify financial reserve goals
- Review GBRA's budget policy
- Periodically update GBRA's Five Year Financial Plan
- Encourage retail operations

❖ Project Management
- Undertake and complete needed project studies timely
- Complete planning and seek permit amendments for new initiatives
- Finish design and construction of new facilities and projects
- Research and develop new areas for operational growth

The Work Plan and Budget that follows is built upon the foundation of the strategic goals listed above, the broad GBRA-wide goals listed on pages 19-24, and the individual Division Goals and Objectives which are included in their respective sections of this budget document.

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 2017 Work Plan and Budget includes $660,700 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 2017 are budgeted to be $226,792.

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 did achieve this financial reserve goal during FY 2013. GBRA has continued to meet this goal during the current year with available financial reserves as of May 31, 2016 of $27.7 million. However in developing the priorities for the FY 2017 Work Plan and Budget, it quickly became apparent that some amount of previously accumulated financial reserves would be required to fund some of the budget priorities for 2017. In particular, GBRA is budgeting to initiate some significant repairs to the Guadalupe Valley Hydroelectric Division's spillgates in the approximate amount of $3,768,000. Since the "rate based" revenue or stated differently, the revenue

received from Hydroelectric Power Sales within the Division will clearly be inadequate to fund the repairs, GBRA is budgeting to utilize some of its financial reserves to assure these important repairs are completed.

IV. FINANCIAL GOALS

The GBRA Five Year Financial Plan was first completed in FY 1997 and subsequently updated in FY 2004. Since that time, GBRA has reviewed the Plan's Goals, Objectives and Recommendations as part of the annual budget process to assure continued applicability of the Plan's tenets.

Three principal goals were identified in the 1997 Plan and since that time, GBRA has continued to adhere to these goals throughout the annual budget compilation process. The first of these goals is to establish 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, program prioritization, and "rate-making". 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. GBRA believes that the interrelationship of these three financial goals and the need to espouse a coordinated effort in the attainment of each has been included within GBRA's Work Plan and Budget once again for FY 2017.

V. ORGANIZATION AND STAFF

Provided in the Staffing Summary section on pages 39-41, are charts showing the organizational leaders who are responsible for fulfilling the Mission of GBRA. Leading the GBRA staff is GBRA's General Manager/CEO, Kevin Patteson. As GBRA's chief executive officer, Mr. Patteson is responsible for all GBRA properties, businesses, and operations. Directly assisting Mr. Patteson in his responsibilities are Senior Deputy General Manager Darrell Nichols and Deputy General Manager Jonathan Stinson. The remaining GBRA staff is subdivided into six functional areas led by the Executive Manager of Finance and Administration; Executive Manager of Water Resources and Utility Operations; Executive Manager of Business Development and Resource Management; Executive Manager of Science, Intergovernmental Relations and Policy; General Counsel, and Executive Manager of Strategic Communications and Public Affairs. These six positions together

with the General Manager/CEO and Deputy General Managers form GBRA's Executive Team. The positions and duties of the remaining members of the Management Team are described in the job titles shown on the organizational chart provided herein. Additional organizational charts and 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 44-45.

A net increase of seven and a half positions is included in the Work Plan for FY 2017 from the previous year's Work Plan. The position changes include the addition of a Senior Deputy General Manager, a Deputy General Manager, an Internal Audit Manager, and an Accounting Clerk increased from P/T to F/T for the General Division; the Rural Utilities Division added a P/T Biosolids Operator; a Risk Management Officer, a Conservation Director were added to Water Sales and a P/T Water Quality Specialist was removed from Water Sales; a Chief Operator position was added in the Western Canyon Division and a Maintenance Operator was added to Rural Water.

VI. MAJOR ELEMENTS

Described below are some of the major elements in the GBRA Work Plan and Budget for FY 2017 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. Nevertheless, management team members do assist the other divisions of GBRA as needed and record their time and associated costs accordingly.

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. Particular emphasis will be placed on continuing security enhancements to minimize exposure to unsolicited system intrusions, strengthening of GBRA's database and SCADA capabilities, reducing the number of computer servers through a process of "virtualization" and improving "back up and mirroring" 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 at 33% of labor. Historically, this rate was as high as 35% during FY 2000 and has remained stable for the last eight years.

F. As expansion of the Seguin Headquarters Building in the amount of $3,566,000 is included in the General Division's FY 2017 budget. This expansion will provide the necessary office space for the additional personnel denoted above as well as provide some space for the continuing growth of the organization.

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). On July 25, 2010, GBRA and GVEC agreed to a rate increase of 40% to 5.55¢ per kilowatt-hour assuming average annual generation. The Parties agreed to this higher rate in order to fund several major maintenance and improvement projects needed within the Division that was eighty year old at that time. Now as the Division's infrastructure approaches 90 years of age, the need for major maintenance of the dams and spillgates remains high. As noted, one facet of this need relates to the age of the structures, another facet is the lack of funding that occurred within the Division during the period 2010 – 2015 due to severe drought and therefore several projects were deferred. As a result, GBRA has included a number of infrastructure repair and rehab projects in the 2017 work plan the most significant of which are several spillgate projects in the budgeted amount of $3,768,000. Since the Division's revenue continues to be inadequate to fund such major expenses, an interfund loan from the General Division will fund this and several other Hydroelectric Division projects.

B. In the Guadalupe Valley and Canyon Hydroelectric Divisions, the hydroelectric plants will continue to be operated to produce the maximum amount of power while working within the constraints of the applicable water permits and complying with all federal and state regulations regarding water quality, temperature, and river flows.

C. Employees of the Hydroelectric Division 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.

D. In addition to the major spillgate repair projects described above, several other significant projects are scheduled during FY 2017 within the Hydroelectric Division. These include turbine inspections at each of the dams, spillgate 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. 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 2017 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. These new plants are currently in the design and permitting phase with construction planned to occur in early calendar year 2017.

D. 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 MUD, 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 related to mitigating disinfection by-products that occasionally occur in the treatment of surface water. The $3,304,910 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 to increase $7.00 or 5.2% to $142 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 2017. Programs that will be an emphasis in the FY 2017 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, the Lower Basin Water Supply Project firming up run-of-river water rights near the mouth of the river, and the Integrated Water Power Project.

F. Another of GBRA's areas of emphasis is in customer relations, tourism and economic development. The need to assist customers, constituents, and communities in the GBRA District with water and wastewater needs as well as assist with the quality of life in the District has been identified during previous strategic planning meetings. Tourism and economic development related activities which will continue during FY 2017 include development of river paddling trails, work with the Gorge Preservation Society on further development of the Canyon Lake Gorge, some preliminary architectural work on a GBRA Environmental Learning Center in Comal County, 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 Regional Laboratory in Seguin. GBRA recognizes that the Regional 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. On October 1, 2000, GBRA began operating the City of Lockhart's water well system and ground water treatment plant. This operation was initiated pursuant to a contract executed during September 2000 between GBRA and the City. The contract provided that GBRA would assume the City's water treatment plant employees as well as responsibility for all operating, maintenance, and capital improvement requirements of the system. During FY 2005, a treated water pipeline running from the Luling Water Treatment Plant to the City of Lockhart was completed and placed in operation. This pipeline provides the City of Lockhart with a supplemental, high quality surface water source of up to 1.5 million gallons per day.

L. During FY 2000, GBRA began operation of the Regional Raw Water Delivery System (RRWDS). The RRWDS pumps stored water from the Guadalupe River to the San Marcos Water Treatment Plant as well as to the 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 2017 is $1,347,090.

M. GBRA also began operation of a second, similar raw water delivery system during FY 2001. This project consists of a pump station located on Lake Dunlap in Guadalupe County and six miles of pipeline. The project provides cooling water to the Guadalupe Power Partners 1,100 megawatt electric generating plant. The total revenue budget for this pipeline for the 2017 fiscal year is $531,009.

N. 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.

O. GBRA sold the Port O'Connor portion of the Rural Water Supply system to the Port O'Connor Municipal Utility District (MUD) in July 2000. Subsequently the Port O'Connor MUD became

a third wholesale customer of the GBRA Port Lavaca Water Treatment Plant along with the City of Port Lavaca and the Calhoun County Rural Water Supply System (CCRWSS). The City of Port Lavaca receives approximately 70% of the water treated by the plant, while the MUD receives 15% and the CCRWSS receive 15%.

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. Another project that will be a focus of the organization in 2017 is the potential acquisition of groundwater rights in Gonzales County. This 15,000 acre-foot per year project would be GBRA's first substantive acquisition of groundwater rights and the associated pumping permits. If acquired, this water could be used throughout the river basin to supplement existing supplies.

R. 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. Included within the FY 2017 work plan is $1,511,401 of pipeline relocation projects with $1,280,000 of this amount being paid by TxDOT.

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. An employee volunteer program was initiated during FY 2001. GBRA hosted their annual "Our Day to Shine" volunteer event in May 2016 for the Canyon Lake Resource and Recreation Center and the Canyon Lake Animal Shelter Society, both located in Comal County. Many employees and their families throughout the organization participated in the improvements to these facilities. Employees continue to volunteer many hours of their time throughout the district in various capacities. GBRA's continued support for this employee volunteer program is included in the FY 2017 budget.

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

D. 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 $4,013,378 in FY 2016 to $4,418,630 in FY 2017.

E. As in previous years, some divisions are not able to afford all of the programs and projects envisioned in the tactical objectives. These deferred items are described later in this section. If time and resources permit, items on this deferred list may be considered as budget amendments and initiated late in the fiscal year.

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 37-38 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.

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 66-74 in the Financial Summary section summarizes GBRA's existing and proposed rates. The rates listed for FY 2017 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 2016 to FY 2017 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.

Mission Statement

'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.'

♦ Strategic Issues and Priorities

- Public Communication & Education
- Human Resources
- Financial Resources
- Project and Program Development

Public Communication & Education Priority

♦ Strategic Objectives

♦ Objective 1: Enhance communication and education programs.

- Fully utilize public communications consultants.
- Continue distribution of Watershed Awareness video.
- Take GBRA to civic and community leaders.
- Take GBRA to the media.
- Expand outside presentations.
- Enhance Water Education Programs.
- Produce literature and materials that increase public awareness of GBRA mission and programs.
- Sponsor/assist summer teacher workshops focusing on water and water quality.
- Continue developing education material related to the Canyon Gorge.

♦ Objective 2: Strengthen ties to customers.

- Extend customer confidence reports.
- Increase involvement in Drinking Water Week, Water Utilities Week.
- Increase customer/community awareness of GBRA.
- Produce more feature stories about GBRA.
- Create an Advisory Group for appropriate GBRA operations and plants.

♦ Objective 3: Increase public involvement and identification.

- Maximize Board Meeting opportunities.
- Schedule regular public forums.
- Develop interest group identification and strategy.

Human Resource Policy

♦ Strategic Objectives

♦ Objective 1: Identify and plan for staffing needs.

- Expediently recruit and employ employees needed for new projects.
- Identify advertising and recruiting techniques for finding high quality candidates.

♦ Objective 2: Use the Human Resources Department more effectively.

- Provide support to supervisors in management and disciplinary actions.
- Identify and address problem areas in an effort to prevent the need for discipline.
- Provide and render aid in counseling procedures.

♦ Objective 3: Periodically review the employee performance assessment process.

- Discuss suggested improvements with supervisors.
- Review forms used to conduct the assessment.
- Make recommendations and implement new process or changes, as warranted.

♦ Objective 4: Continue succession planning and enhance knowledge and expertise of supervisory staff.

- Determine training & certifications needs of employees required for progression.
- Examine cross training needs within divisions.
- Expand employee development in leadership and supervisory skills.

♦ Objective 5: Re-evaluate HR policies for effectiveness.

-
- Periodically review and update the Employee Manual.
- Draft new policies where warranted.
- Schedule employee discussion meetings on new policies and the Manual.

♦ Objective 6: Review and enhance employee benefit programs.

- Periodically compare benefits to similar agencies through benefits surveys.
- Recommend changes based upon survey findings.
- Explain the benefits package to Board of Directors and employees.

Financial Resources Priority

♦ Strategic Objectives

♦ Objective 1: Conduct rate reviews to bring rates in line with project needs.

- Compile water supply, rural water, rural utilities, and laboratory rate studies.
- Prepare Water Resources Rate Study to coincide with the budget.
- Consider engaging consultants to assist with rate design and study preparation.
- Prepare Guadalupe Valley Hydroelectric Rate Studies as needed.

♦ Objective 2: Explore grant opportunities.

- Continue employment of a grant writer.
- Identify current projects and studies that have grant funding possibilities.
- Review the annual budget for grant opportunities.

♦ Objective 3: Identify financial reserve goals.

- Establish long-term financial reserve goals.
- Include financial reserve goals in rate studies/reviews.

♦ Objective 4: Review budget policy.

- Continue application of budget policy including "fiscal impact" comments on items requiring Board action, and comments concerning the effect on financial reserve goals.
- Continue application of budget policy related to "priority and timing" determinations for non-budgeted costs.

♦ Objective 5: Update and rewrite the Five Year Financial Plan as warranted.

- Stress continuance of revenue diversification.
- Prepare updates as needed.
- Emphasize each operation's share and responsibility for the organization's financial goals.

♦ Objective 6: Encourage retail operations.

- Seek retail operations, such as including retail proposals in negotiations with developers.
- File CCN's where necessary.
- Insure rate design flexibility in contracts.
- Allow "connection fee" studies in contracts.

Project & Program Development

♦ Strategic Objectives

♦ Objective 1: Undertake and complete needed studies in a timely manner.

- Canyon Lake Water Quality.
- EAA Habitat Conservation Plan.
- Regional water quality and wastewater treatment programs.
- Canyon Lake Seasonal Pool.
- Clean Rivers.
- Gulf Coast Aquifer.
- Canyon Permit and Compliance Program.
- Aquatic Weed and Hydro Lake Management.
- Watershed protection plans.
- Provide assistance to Guadalupe Blanco River Trust and San Antonio Bay Foundation.

♦ Objective 2: Complete planning & seek permit amendments for new initiatives.

- Senate Bill Planning, phase 2 and 3.
- New water rights acquisitions.

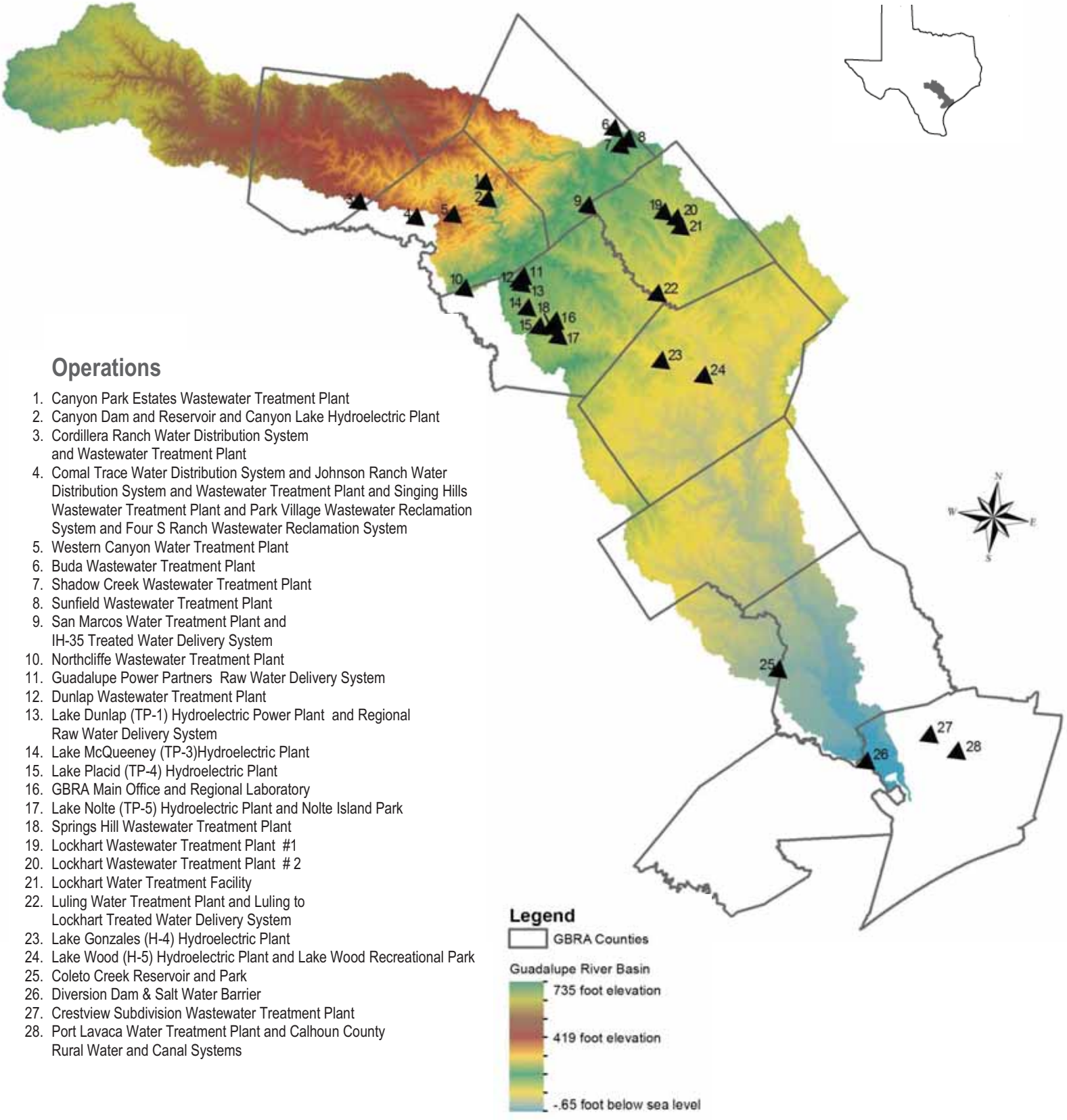
♦ Objective 3: Finish design and construction on facilities and projects spanning up to the next 10 years.

- Western Canyon Water Supply.
- New Retail - Cordillera, Couser, Comal Trace, and Johnson Ranch.
- Mid-Basin Project.
- Lower Basin Water Supply Project.
- Integrated Water Power Project.
- Expanded Retail - Dunlap WWTP, Canyon Park WWTP, Calhoun County Rural Water.
- Environmental Learning Centers.
- Basin-wide SCADA.
- Gauging stations.

Project & Program Development

- **Objective 4: Research and develop new areas for growth in water operations.**
  - Secure and extend existing contracts for services.
  - Enhance Small Developments and technical assistance.
  - Guadalupe Delta modeling.
  - Regional sludge handling.
  - Groundwater development.
  - Industrial water/wastewater reuse.
  - TMDL/BAYS.
  - Participate in development of State Water Plan.
  - Firm up lower basin water rights.

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

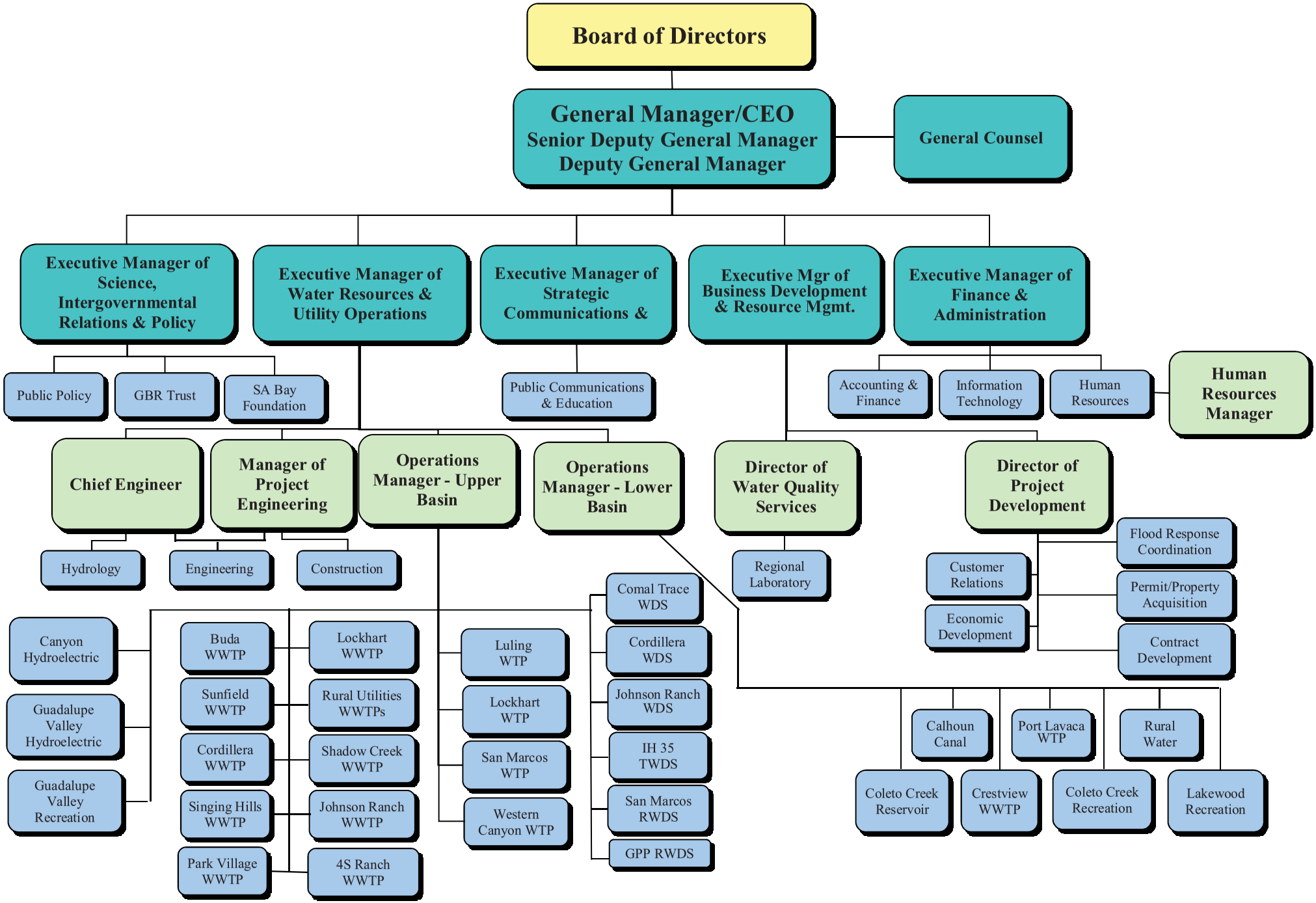
Created under ..... Vernon's Civil Statutes, Article 8280-106
Year Created 1935
Domicile ..... New Braunfels, Texas
Last Revision of Enabling Act 1975
Last Revision of Bylaws 2012
Population of District 624,049
Area of District ..... 7,300 square miles
Average Annual Rainfall of District ..... 33.02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

GBRA

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



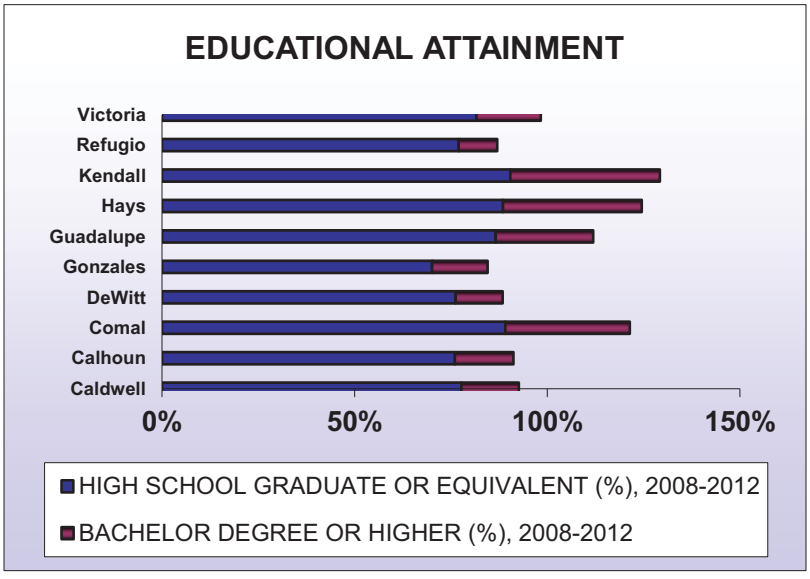
GBRA District Demographics

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.

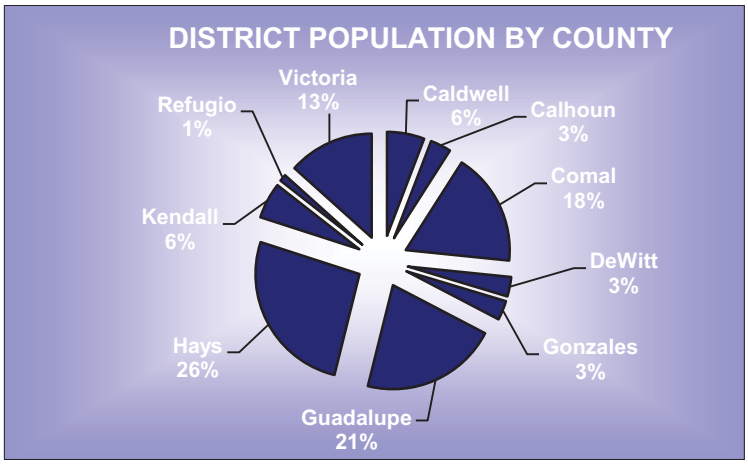
GBRA's service area is geographically part of south central Texas. It stretches from the Hill Country through the I-35 Corridor and on to the Gulf Coast. GBRA's service area includes ten-counties and more than seventy cities and communities. This geographic diversity in turn provides economic diversity 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	78%	15%
Calhoun	76%	15%
Comal	89%	32%
DeWitt	76%	12%
Gonzales	70%	14%
Guadalupe	87%	25%
Hays	89%	36%
Kendall	90%	39%
Refugio	77%	10%
Victoria	82%	17%



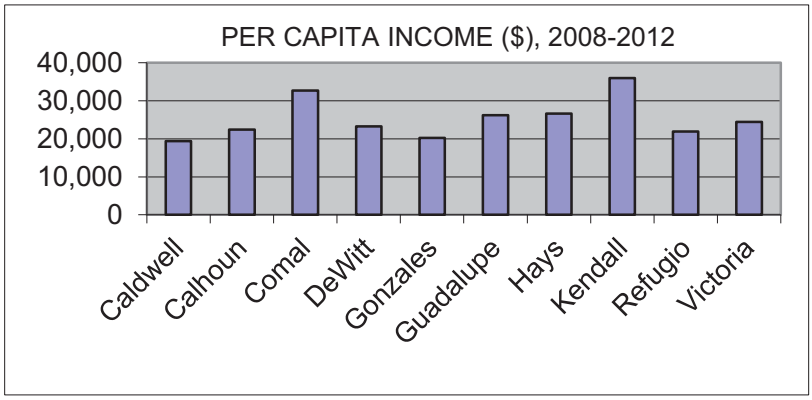
SOURCE: U.S. Census Bureau, 5yr Estimate



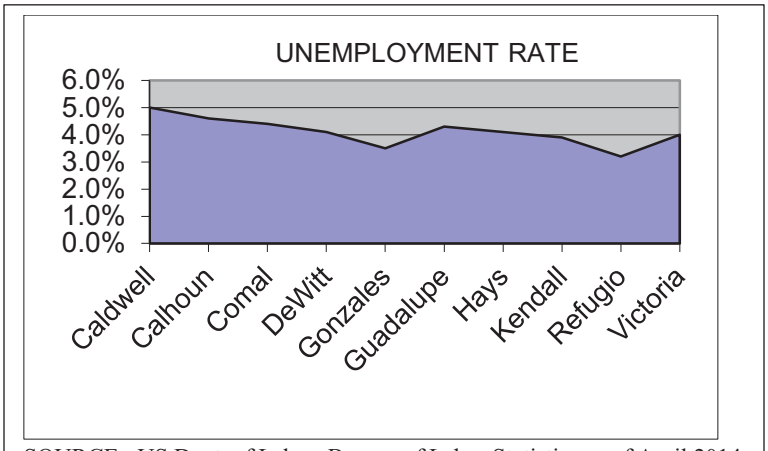
COUNTY	POPULATION
Hays	176,026
Guadalupe	143,183
Comal	118,480
Victoria	90,028
Caldwell	39,232
Kendall	37,766
Calhoun	21,806
DeWitt	20,503
Gonzales	20,312
Refugio	7,305

SOURCE: U.S. Census Bureau, Estimate 2013

COUNTY	PER CAPITA INCOME
Kendall	35,991
Comal	32,736
Hays	26,662
Guadalupe	26,233
Victoria	24,473
DeWitt	23,281
Calhoun	22,439
Refugio	21,936
Gonzales	20,225
Caldwell	19,368



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



SOURCE: US Dept. of Labor, Bureau of Labor Statistics as of April 2014

COUNTY	UNEMPLOYMENT RATE
Comal	4.4%
Caldwell	5.0%
Guadalupe	4.3%
Calhoun	4.6%
Victoria	4.0%
Hays	4.1%
Kendall	3.9%
Gonzales	3.5%
DeWitt	4.1%
Refugio	3.2%
Texas	5.1%
U.S.	6.1%

GBRA Community Involvement

The GBRA Volunteer Program was founded in September 2000 to help improve the quality of life in the communities we serve. GBRA employees, who receive no pay for their volunteer service, donate their time, energy, talents and skills to help needy individuals and non-profit organizations engaged in civic, health, education, social services and other charitable pursuits. The programs annual highlight is "Our Day to Shine" – a full-day event dedicated to one significant project that has a broad community impact. Over the past decade, employee volunteers and their families from each division of GBRA have assisted the following people and organizations during the annual "Our Day to Shine" events:

- 2001-Cuero Flood Victims
- 2002-Baptist Children's Home in Luling
- 2003-Family Violence Shelter in Victoria
- 2004-Emergency Shelter in San Marcos
- 2005-Daule Park Community Center in Cuero
- 2006-Seguin Activity Center
- 2007-Victoria Community College Satellite Campus in Port Lavaca
- 2008-Senior Citizens Center and Handicap Homeowners in Comal County
- 2009-Victoria Boys and Girls Club in Victoria
- 2010-The Lodge Children's Shelter in Guadalupe County
- 2011-Gonzales Christian Assistance Ministries (GCAM)
- 2013-Belmont Community Center
- 2014-Green DeWitt Community Center
- 2015-McMahan Community Center
- 2016-Canyon Lake Resources & Recreation Center
  Canyon Lake Animal Shelter Society

GBRA Volunteers

The following pictures are few pictures taken at the 2016

"Our Day to Shine"

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. 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 2016, the program awarded $6,000 in scholarships to three graduating seniors in our service area. Additionally, $7,000 in scholarships were awarded to the seniors of GBRA employees pursuing their education.

The following pictures are a few of the 2016 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	$1,021,118	**Guadalupe**	$6,688,532
Calhoun	1,357,412	**Hays**	1,914,834
Comal	1,529,043	**Kendall**	170,172
DeWitt	9,425	**Refugio**	4,243
Gonzales	163,456	**Victoria**	1,090,860
Total			$19,949,095

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 is evident from the accompanying table identifying the 2,357 years in the GBRA workforce.

YRS OF SERVICE	NUMBER OF EMPLOYEES
40+	7
35-40	14
30-34	10
25-29	10
20-24	7
15-19	16
10-14	16
05-09	22
4 or less	68

Employee training, tenure, and dedication contribute to GBRA's ability to meet and exceed permit requirements from regulatory agencies. Employees extend their expertise and knowledge to community members outside of the workforce by offering outdoor education programs and taking part in and hosting fishing activities for children. The Coleto Creek Park hosted the 23rd Annual Coleto Creek Kids Fishing Tournament along with the Texas Parks and Wildlife. This years' event brought in approximately 120 kids between the ages of 2-16. In addition to this event, the Lake Wood Recreation Area hosted their annual KidFish event in conjunction with the KidFish organization and Texas Parks and Wildlife. This event targets children 16 and under with approximately 200-250 kids attending each year. The GBRA park rangers are instrumental in the success of these two events and extend their passion and respect for the outdoors through these outreach programs dedicated to educating and facilitating a new generation of outdoor enthusiasts.

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
City of Seguin
Cordillera Ranch
North Hays County MUD #1
Sunfield Municipal Utility District #4
Johnson Ranch Municipal Utility District
Comal County WCID #6

POWER SALES & OTHER SERVICES

WATER SALES CUSTOMERS

Canyon Lake Water Supply Corp.
Canyon Regional Water Authority
City of Boerne
City of Buda
City of Fair Oaks Ranch
City of Kyle
City of Port Lavaca
City of San Marcos
City of Seguin
Coleto Creek Power, LP
Cordillera Ranch
Crystal Clear Water Supply Corporation
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

WASTEWATER TREATMENT CUSTOMERS

WATER TREATMENT CUSTOMERS

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

Operating Statistics

Operating Statistics	Actual			Budget	
	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
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	60,848,000
Cordillera WDS	87,083,400	94,756,000	94,204,000	100,000,000	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	675,615,000	673,113,000
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	3,522,481,000	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	392,400,000	474,500,000
Crestview Subdivision WWTP	2,085,000	1,719,866	3,306,682	2,303,000	2,204,000
Lockhart Wastewater Reclamation System	395,550,000	413,360,000	483,600,000	474,570,000	474,570,000
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	60,800,000	70,080,000
Sunfield Wastewater Treatment Plant	23,210,000	43,610,000	41,670,000	54,020,000	54,020,000
Water Sales Customers:					
Rice Irrigation First Crop (Acres)					
Calhoun Canal System	2,306	1,532	--	800	1,000
Water Delivered (Gal.)					
Guadalupe Power Partners RWDS	680,145,000	816,222,100	1,224,248,900	1,227,300,000	1,276,500,000
IH 35 TWDS	1,238,920,000	1,374,663,000	1,352,933,000	1,295,981,000	1,377,260,000
Regional RWDS	4,281,180,000	4,295,695,000	4,525,209,000	4,312,274,000	4,475,880,000
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 2016	FY 2017
Other Services:					
Annual Permits					
Coleto Creek Regional Park	309	320	273	350	350
Lake Wood Recreational Park	27	30	10	21	20
Camping Permits					
Coleto Creek Regional Park	14,368	14,983	13,136	16,750	18,000
Lake Wood Recreational Park	4,914	5,403	4,031	4,758	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	19,500	20,500
Lake Wood Recreational Park	2,851	3,080	3,746	3,412	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).

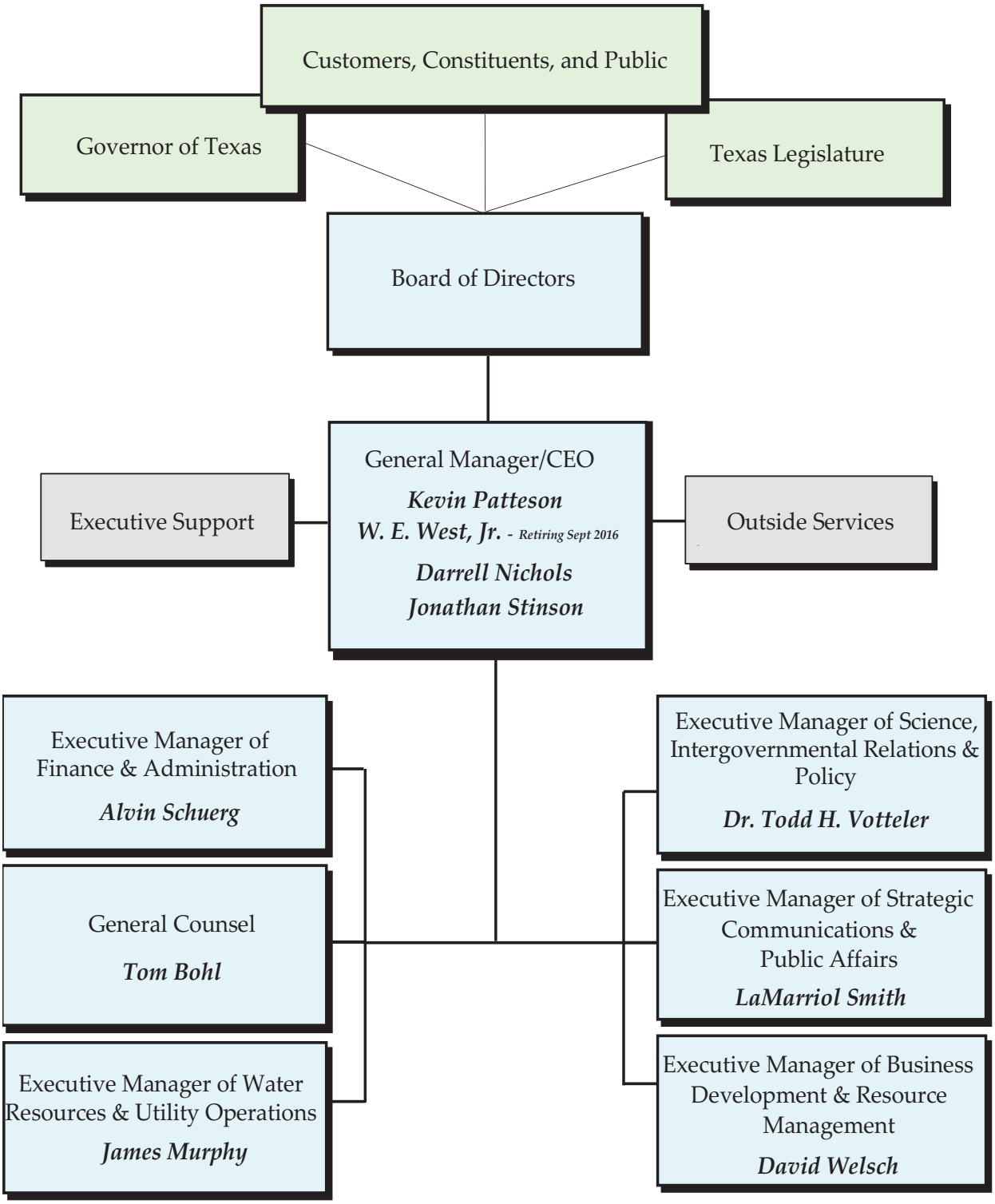
Budget Basis

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 20	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 17	Board scheduled to approve 2017 budgets

GBRA Organizational Chart

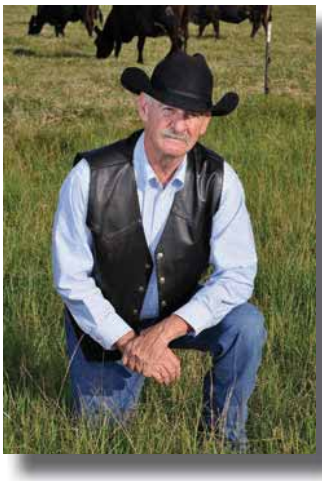


GBRA Board of Directors

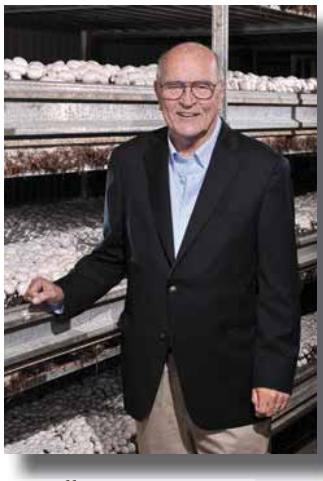
Tommy Mathews, Chair
Kendall County
Appointed 2011, Gov. Rick Perry

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

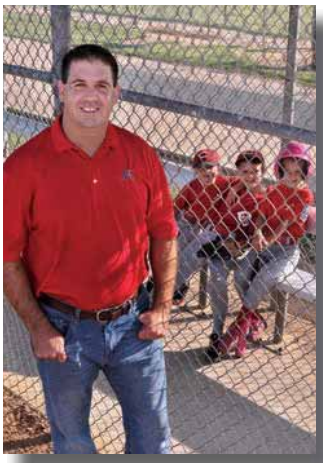
Dennis L. Patillo, Secretary-Treasurer
Victoria County
Appointed: 2011, Gov. Rick Perry



Don B. Meador, Director
Hays County
Appointed: 2013, Gov. Rick Perry



Darrell McLain, Director
Gonzales County
Appointed: 2013, Gov. Rick Perry



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

Grace G. Kunde, Director
Guadalupe County
Reappointed: 2009, Gov. Rick Perry

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

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

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

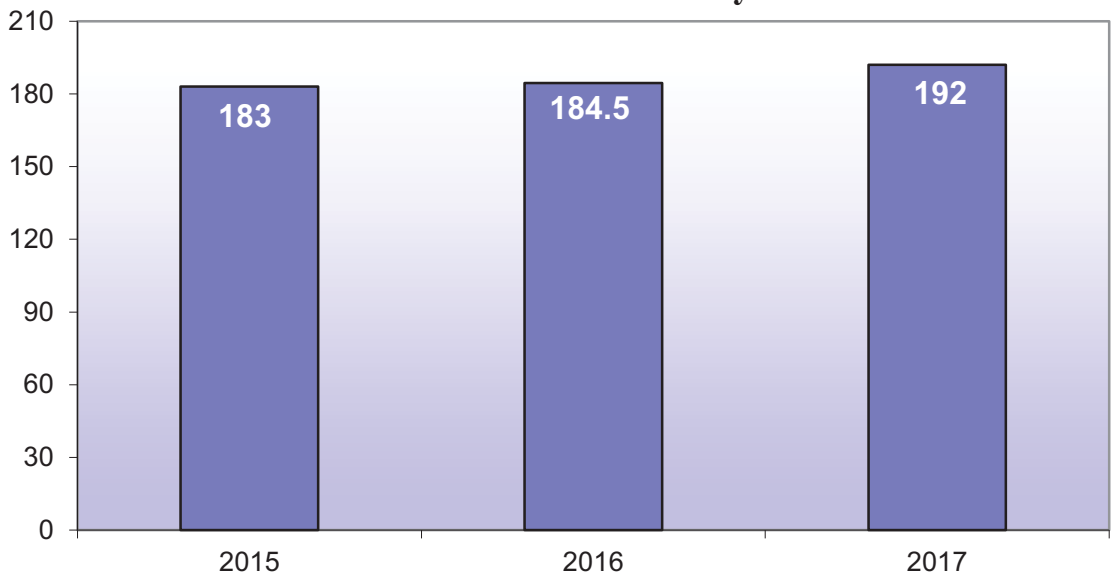
NAME	POSITION	TERM EXPIRES	COUNTY REPRESENTING
Tommy Mathews	Chair	2/1/15	Kendall
Rusty Brockman	Vice-Chair	2/1/17	Comal
Dennis L. Patillo	Sec/Treas	2/1/15	Victoria
Grace G. Kunde	Director	2/1/15	Guadalupe
Oscar H. Fogle	Director	2/1/17	Caldwell
Kenneth A. Motl	Director	2/1/17	Calhoun
William R. Carbonara	Director	2/1/19	Dewitt
Darrell McLain	Director	2/1/19	Gonzales
Don B. Meador	Director	2/1/19	Hays

Management Team

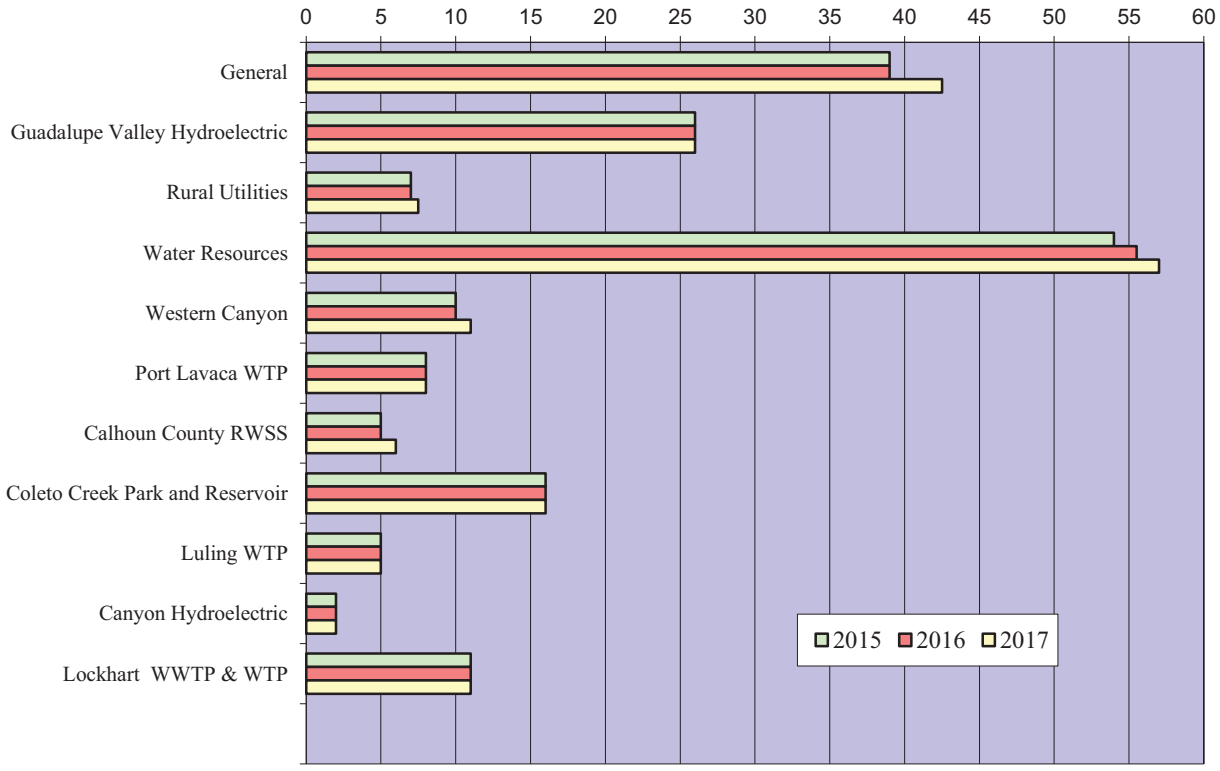
NAME	POSITION	YEARS SERVICE
EXECUTIVE STAFF		
Kevin Patteson	General Manager/CEO	-
William E. West, Jr.	General Manager (retiring September 2016)	23
Darrell Nichols	Senior Deputy General Manager	-
Jonathan Stinson	Deputy General Manager	-
David M. Welsch	Executive Manager of Business Development & Resource Mgmt	44
Alvin Schuerg	Executive Manager of Finance & Administration	36
Dr. Todd H. Votteler	Executive Manager of Science, Intergov't Relations & Policy	17
LaMarriol Smith	Executive Manager of Strategic Communications & Public Affairs	10
James Murphy	Executive Manager of Water Resources & Utility Operations	9
Tom Bohl	General Counsel	3
MANAGEMENT STAFF		
Thomas Hill	Chief Engineer	41
Darel Ball	Operations Manager – Lower Basin	37
John Smith	Operations Manager – Upper Basin	36
Mike Urrutia	Director of Water Quality Services	30
Barbara Gunn	Human Resources Manager	15
Charlie Hickman	Manager of Project Engineering	5
Vacant	Director of Project Development	-
	Total Years of Service	**306**

Staffing Summary

Total Authorized Positions by Year



Authorized Positions by Division



Staffing Summary

Division	# of Authorized Positions (FTE) 2015	2016	2017	Increase/ (Decrease)	# of FTE Positions Unfunded
General	39	39	42.5	3.5	6
Guadalupe Valley Hydroelectric	26	26	26	0	2
Rural Utilities	7	7	7.5	0.5	0
Water Resources	54	55.5	57	1.5	6.5
Western Canyon	10	10	11	1	1
Port Lavaca WTP	8	8	8	0	0
Calhoun County RWSS	5	5	6	1	1
Coleto Creek Park and Reservoir	16	16	16	0	2
Luling WTP	5	5	5	0	0
Canyon Hydroelectric	2	2	2	0	0
Lockhart WWTP & WTP	11	11	11	0	4
Total	**183**	**184.5**	**192**	**7.5**	**22.5**

Changes from FY 2015 to FY 2016
1-Social Media/Community Relations Specialist was added to Water Sales.
1-P/T Lab Assistant position was added to the Regional Lab.
* Operations Secretary position changed to Utility Accounts Assistant.

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.

Unfunded Positions in FY17:
General: Technical Consultant II, Project Manager, 2-Construction Inspectors, Accounting Assistant I, and an Intern; **GV Hydroelectric:** 2-Maintenance Crew; **Water Resources:** Director of Project Development, Engineer I, Conservation Director, Engineering & WQ Asst, Water Tender, P/T Maintenance Crew and Chief Operator; **Western Canyon:** Plant Manager; **Rural Water:** Senior Operator; **Coleto Creek:** Maintenance Crew, P/T Maintenance Crew; and Seasonal Ranger; **Lockhart:** Operator II, Chief Operator, Operator II and Operator I

Authorized Spending Levels

Budgeted Purchases

Over $25,000	
General Manager/CEO	
Senior Deputy General Manager	Executive Manager of Science, Intergovernmental Relations & Policy
Deputy General Manager	Executive Manager of Strategic Communications & Public Affairs
Executive Manager of Business Development & Resource Management	Executive Manager of Water Resources & Utility Operations
Executive Manager of Finance & Administration Executive	General Counsel

Up to $25,000	
Chief Engineer	Exec. Director of Guadalupe-Blanco River Trust
Director of Project Development	Exec. Director of SA Bay Foundation
Director of Water Quality Services	Human Resources Manager
Division Manager – Calhoun/Refugio Counties	Manager of Project Engineering
Division Manager – Comal/Kendall Counties	Operations Manager – Lower Basin (*)
Division Manager – Guadalupe/Gonzales Counties	Operations Manager – Upper Basin (*)
Division Manager – Hays/Caldwell Counties	Project & Community Representative

Up to $10,000	
Plant Manager – San Marcos WTP	Regional Laboratory Director
Plant Manager – Western Canyon WTP	Technical Consultant II

Up to $5,000	
Assistant Division Managers	Division Manager – Lockhart Division
Chief Operators	Engineer II
Chief Ranger – Coleto Creek Park	

Up to $2,500	
Accounting Manager	Internal Audit Manager
Chief Ranger – Lake Wood	Investment Manager
Environmental Education Administrator	IT Manager
Executive Assistant to the General Manager	Projects & Publications Specialist
Facilities Technician	

(*) = 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	
Senior Deputy General Manager	Executive Manager of Science, Intergovernmental Relations & Policy
Deputy General Manager	Executive Manager of Strategic Communications & Public Affairs
Executive Manager of Business Development & Resource Management	Executive Manager of Water Resources & Utility Operations
Executive Manager of Finance & Administration Executive	General Counsel

Up to $5,000	
Chief Engineer	Exec. Director of Guadalupe-Blanco River Trust
Director of Project Development	Exec. Director of SA Bay Foundation
Director of Water Quality Services	Human Resources Manager
Division Manager – Calhoun/Refugio Counties	Manager of Project Engineering
Division Manager – Comal/Kendall Counties	Operations Manager – Lower Basin (*)
Division Manager – Guadalupe/Gonzales Counties	Operations Manager – Upper Basin (*)
Division Manager – Hays/Caldwell Counties	Project & Community Representative

Up to $1,000	
Plant Manager – San Marcos WTP	Regional Laboratory Director
Plant Manager – Western Canyon WTP	Technical Consultant II

Up to $500	
Assistant Division Managers	Division Manager – Lockhart Division
Chief Operators	Engineer II
Chief Ranger – Coleto Creek Park	

(*) = 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
GENERAL DIVISION	
General Manager	Executive
Senior Deputy General Manager	Executive
Deputy General Manager	Executive
Executive Manager of Finance & Administration	Executive
Executive Manager of Science, Intergovernmental Relations & Policy	Executive
Executive Manager of Strategic Communications & Public Affairs	Executive
General Counsel	Executive
Manager of Project Engineering	13
Technical Consultant II	11
Technical Consultant II	11
Human Resources Manager	10
Accounting Manager	8
Executive Assistant to the General Manager	8
Grant Writer/Administrator	8
Internal Audit Manager	8
Investment Manager	8
IT Manager	8
Project Manager	8
Web/Application Developer	8
Environmental Education Administrator	7
Projects & Publications Specialist II	7
Projects & Publications Specialist I	6
Facilities Technician	6
Operations Assistant	6
Accounting Assistant II	5
Accounting Assistant II	5
Administrative Services Assistant	5
Construction Inspector	5
Construction Inspector	5
Construction Inspector	5
Construction Inspector	5
Records Manager	5
Accounting Assistant I	4
Accounting Assistant I	4
Accounting Clerk	4
Communications/Education Assistant	4
Customer Service Assistant II	4
Maintenance Technician	4
Utility Accounts Assistant	4
Administrative Technical Specialist (P/T)	3
Customer Service Assistant I	3
Records Clerk	3
Intern	N/A

STAFFING AND COMPENSATION TABLES (Continued)

POSITION	PAY GRADE
GUADALUPE VALLEY HYDROELECTRIC DIVISION	
Division Manager – Guadalupe/Gonzales Counties	11
Assistant Division Manager	10
Maintenance Supervisor II	8
Technical Consultant II	8
Technical Consultant I	7
Electrical/Instrumentation Technician	7
Electrical/Instrumentation Technician	7
Electrical/Instrumentation Technician	7
Purchasing & Inventory Coordinator	7
Control Room Operator	5
Control Room Operator	5
Control Room Operator	5
Control Room Operator	5
Heavy Equipment Operator	5
Maintenance Crew II	4
Maintenance Crew II	4
Maintenance Crew II	4
Maintenance Crew II	4
Maintenance Crew II	4
Maintenance Crew II	4
Plant Attendant	4
Maintenance Crew	3
Maintenance Crew	3
Maintenance Crew	3
Maintenance Crew	3
Maintenance Crew	3

POSITION	PAY GRADE
RURAL UTILITIES DIVISION - SHADOW CREEK WWTP	
Chief Operator	8
Operator I	2
RURAL UTILITIES DIVISION – RUD WWTP SYSTEMS	
Chief Operator	8
Operator III	4
Operator II	3
Operator II	3
Operator I	2
Biosolids Operator (P/T)	1

STAFFING AND COMPENSATION TABLES (Continued)

POSITION	PAY GRADE
WATER RESOURCES DIVISION - WATER SALES	
Executive Manager of Water Resources & Utility Operations	Executive
Executive Manager of Business Development & Resource Mgmt	Executive
Chief Engineer	15
Operations Manager – Lower Basin	15
Operations Manager – Upper Basin	15
Director of Project Development	13
Director of Water Quality Services	13
Division Manager – Calhoun/Refugio Counties	11
Division Manager – Comal/Kendall Counties	11
Division Manager – Hays/Caldwell Counties	11
Executive Director of Guadalupe-Blanco River Trust	11
Executive Director of SA Bay Foundation	11
Engineer II	10
Engineer I	9
Conservation Director	9
Project & Community Representative	9
Regional Representative	8
SCADA Administrator	8
Assistant Chief Ranger	7
Hydrologist/Technician (P/T)	7
Project Coordinator	7
Operations Assistant	6
Social Media/Community Relations Specialist	6
Water Quality Technician II	6
Engineering & Water Quality Assistant	5
Natural Resource Specialist	5
Administrative Assistant II	4
Water Quality Technician I	4
Park Ranger	3
Office Assistant (P/T)	1
Seasonal Ranger	1
Water Quality Specialist (P/T)	*
Risk Management Officer	*

STAFFING AND COMPENSATION TABLES (Continued)

POSITION	PAY GRADE
WATER RESOURCES DIVISION - REGIONAL LAB	
Regional Laboratory Director	10
Quality Assurance Officer I	7
Laboratory Technician III	5
Laboratory Technician III	5
Laboratory Technician II	4
Laboratory Technician II	4
Sample Custodian/Lab Tech I	3
Administrative Technical Specialist (P/T)	3
Lab Assistant (P/T)	2
WATER RESOURCES DIVISION - CALHOUN CANAL	
Chief Water Tender	8
Heavy Equipment Operator	5
Senior Water Tender	5
Maintenance Chief	4
Water Tender	4
Water Tender	4
Maintenance Operator	3
Maintenance Crew (P/T)	2
WATER RESOURCES DIVISION – SAN MARCOS WTP	
Plant Manager	10
Chief Operator	8
Operator III	4
Operator II	3
Operator II	3
Operator II	3
Operator II	3
Operator I	2
WATER RESOURCES DIVISION - BUDA WWTP	
Chief Operator	8
Operator IV	5
Operator II	3

STAFFING AND COMPENSATION TABLES (Continued)

POSITION	PAY GRADE
WESTERN CANYON DIVISION	
Plant Manager	10
Chief Operator	8
Chief Operator	8
Electrical/Instrumentation Technician	7
Distribution/Plant Operator IV	5
Operator IV	5
Distribution/Plant Operator II	3
Operator II	3
Operator II	3
Operator II	3
Operator II	3

POSITION	PAY GRADE
PORT LAVACA WTP DIVISION	
Chief Operator	8
Maintenance Technician	6
Secretary	6
Maintenance Chief	4
Operator II	3
Operator II	3
Operator I	2
Operator I	2

POSITION	PAY GRADE
CALHOUN COUNTY RWS DIVISION	
Chief Operator	8
Senior Operator	6
Maintenance Operator II	3
Assistant Secretary	2
Maintenance Operator I	2
Maintenance Operator Trainee	1

STAFFING AND COMPENSATION TABLES (Continued)

POSITION	PAY GRADE
COLETO CREEK DIVISION - RESERVOIR	
Chief Operator	8
Electrical/Instrumentation Technician	7
Office Manager	6
Maintenance Crew	3
Maintenance Crew	3
Maintenance Crew	3
Maintenance Crew	3
Maintenance Crew (P/T)	2
COLETO CREEK DIVISION – RECREATION	
Chief Ranger	9
Reservoir Ranger I	4
Reservoir Ranger I	4
Reservoir Ranger I	4
Reservoir Ranger I	4
Reservoir Ranger I	4
Reservoir Ranger II	3
Administrative Assistant	3
Seasonal Ranger	1

POSITION	PAY GRADE
LULING WATER TREATMENT PLANT	
Chief Operator	8
Operator IV	5
Operator II	3
Operator I	2
Operator I	2

POSITION	PAY GRADE
CANYON HYDROELECTRIC DIVISION	
Electrical/Instrumentation Technician	7
Maintenance Crew II	4

STAFFING AND COMPENSATION TABLES (Continued)

POSITION	PAY GRADE
LOCKHART DIVISION – LOCKHART WWTP	
Lockhart Operations Manager	9
Operator IV	5
Operator III	4
Operator II	3
Operator I	2
LOCKHART DIVISION – LOCKHART WTP	
Chief Operator	8
Operator II	3
Operator II	3
Operator II	3
Operator II	3
Operator I	2

* - 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	$13.61	$21.78
2	$14.84	$23.75
3	$16.18	$25.89
4	$17.63	$28.22
5	$19.22	$30.74
6	$20.95	$33.53
7	$22.84	$36.55
8	$51,777	$82,842
9	$56,438	$90,298
10	$61,516	$98,427
11	$67,053	$107,282
12	$73,758	$118,013
13	$81,134	$129,813
14	$89,248	$142,796
15	$98,172	$157,074
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 anyway 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.

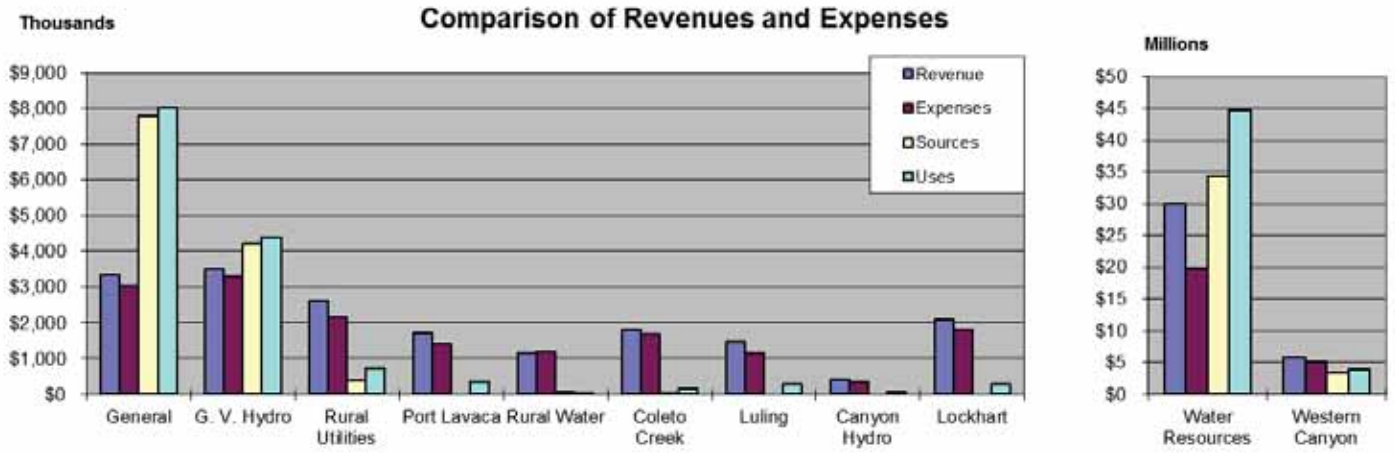
Revenue Summary

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 2017.

Financial Summary

Division	Guadalupe-Blanco River Authority				
			Funds		Change in Fund Balance
	Revenue	Expenses	Sources	Uses	
General	3,344,283	3,027,573	7,788,000	7,997,196	107,514
G. V. Hydro	3,497,765	3,315,768	4,210,000	4,383,000	8,997
Rural Utilities	2,616,312	2,157,483	385,862	723,059	121,632
Water Resources	29,898,880	19,537,877	34,355,054	44,690,652	25,405
Western Canyon	5,893,973	5,228,708	3,479,910	3,987,910	157,265
Port Lavaca	1,726,043	1,390,194	--	335,789	60
Rural Water	1,148,421	1,174,870	60,500	34,000	51
Coleto Creek	1,819,495	1,671,022	12,000	160,000	473
Luling	1,470,294	1,154,910	--	267,419	47,965
Canyon Hydro	411,003	356,003	--	55,000	--
Lockhart	2,077,636	1,795,911	--	281,665	60
	53,904,105	40,810,319	50,291,326	62,915,690	469,422



Note: Sources of funds consist of proceeds from internal and external debt issuance. Uses of funds consist of purchases of fixed assets, construction costs, interfund loan repayments, project development costs and principal payments on external debt.

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.

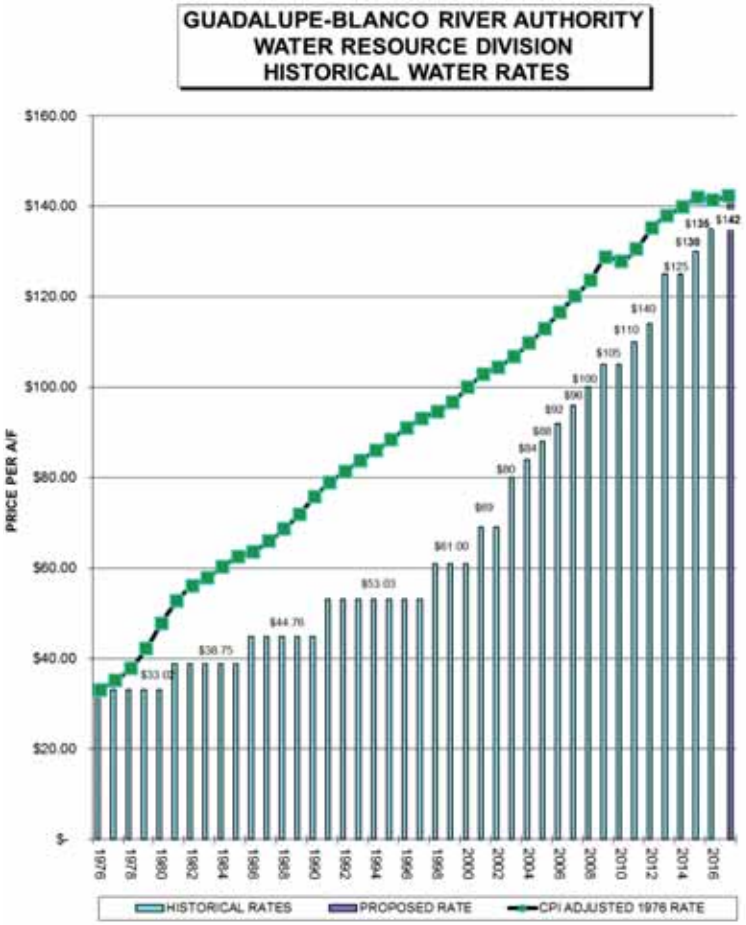
GBRA is developing or has developed several new water supply projects to help meet these needs. One of these new projects, the Western Canyon Project, was completed in 2006 and provides a 10.0 MGD treated water supply system for the Cities of Boerne, Fair Oaks Ranch, and San Antonio, as well as other unincorporated areas of Comal and Kendall Counties. The Western Canyon Project is designed to be expanded to a 15.0 MGD system when the water demands of existing "in-district" customers necessitate such an increase. Another project that was completed is the Luling-to-Lockhart Treated Water Delivery System. This project uses 1.5 MGD of capacity in the Luling Water Treatment Plant, treats that amount of raw water from the San Marcos River, and transports it to the City of Lockhart. A third new water supply project is the Interstate 35 Treated Water Supply Project. This project, which became operational in FY 2006, is capable of delivering approximately 12 MGD of treated water to the northern portions of Hays County, particularly that portion along and east of IH 35. Principal customers of the IH 35 project are the Cities of Kyle and Buda, along with the Goforth SUD, Monarch Utilities L.P. and the Sunfield MUD. Three water supply projects that GBRA is actively pursuing include the Mid-Basin Water Supply Project, the Lower Basin Water Supply Project, and the Integrated Water Power Project (IWPP). The Mid-Basin project is envisioned to initially supply approximately 25 MGD generally in the Caldwell, Hays, and Comal Counties region of the GBRA District. The principal water source for the project will be a run-of-river surface water permit but the project may also include ground water emanating generally from Gonzales County. The Lower Basin Water Supply Project as preliminarily designed will include a 12,500 storage reservoir which when combined with GBRA's run-of-river water rights, could provide an approximate 100,000 acre-feet per year water source. The IWPP is the third water supply project currently under study, albeit a project that is much more long-term. That study seeks to review options for co-locating a power plant with a seawater desalination plant. In addition to these water projects, GBRA is also active in the growth of its wastewater treatment services through construction of new plants and the expansion of older plants. The most significantly GBRA funded construction costs of the new wastewater plants, approximately $3,318,000, occurred during FY 2009. This amount was primarily reimbursed to GBRA by payments from land developers. Additionally, the Canyon Park Wastewater Plant was expanded in FY 2009-10 with

approximately $1,909,000 of funds provided by a developer of condominiums in the Plant's service area. Each of these new or expanded plants started their first full year of operation in FY 2010 or FY 2011. The collection system of the Canyon Park Plant was expanded during Fiscal Years 2015 and 2016 in order to service a new commercial development area near the Plant and the current budget has $354,612 for the initial planning steps related to engineering work for the future expansion of the plant in the next few years. In the Bulverde Area of Comal County, GBRA is operating one new wastewater plant and is assisting in the development of two additional plants. The newly operating plant is the Singing Hills WWTP in the City of Bulverde and which GBRA operates on behalf of the City. The two plants under development are the Park Village and 4S Ranch WWTPs. Startup of these plants is expected in late FY 2017 or 2018.

Funds to repay the operating, equipment, and debt service costs of these and other GBRA projects comes from water sale, wastewater service, and other revenue pursuant to operating contracts with GBRA customers. Detailed information on these projects can be found in the contracts with these entities.

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.

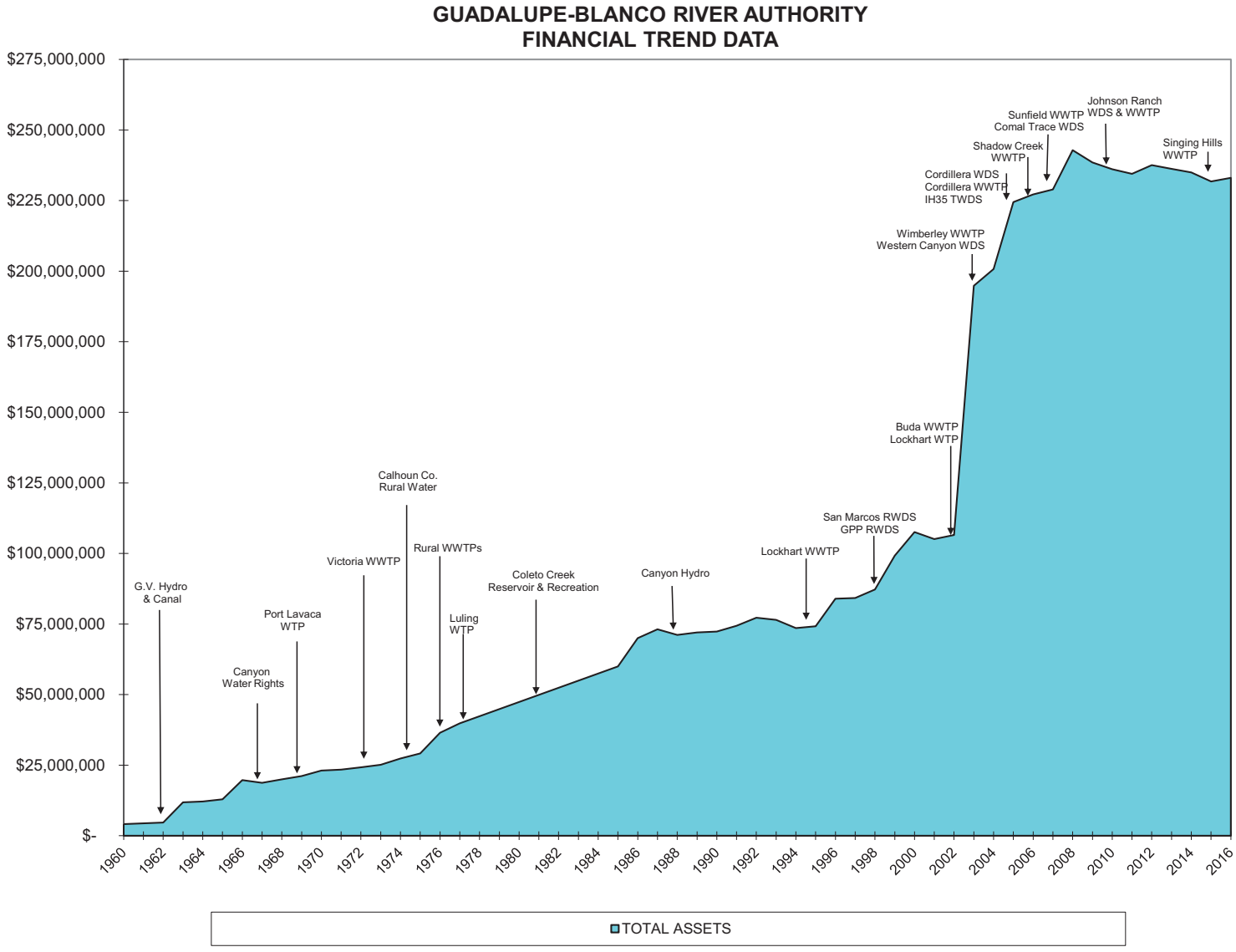
GBRA operations and water supply for the communities in the basin are generally contingent on the flow of the river and stored water out of the reservoir. The Board of Directors adopted a rate structure for water from reservoir storage in 1974. This rate structure provides an equitable charge to all 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 over the last several years 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 $7.00 or 5.2% to $142 per acre-foot per year (AF).



Financial Trend

The following graph represents GBRA's asset and operational growth since the "kick-off" of the water operations in the early 1960's following the purchase of Guadalupe Valley Hydroelectric System and the Calhoun Canal System. The latest operation to be added is the City of Bulverde Singing Hills WWTP which commenced operation in August 2015. GBRA is operating this plant on behalf of Bulverde and treating waste generated by the new Singing Hills development as well as wastes from an area school. Included in the FY 2017 budget are 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.

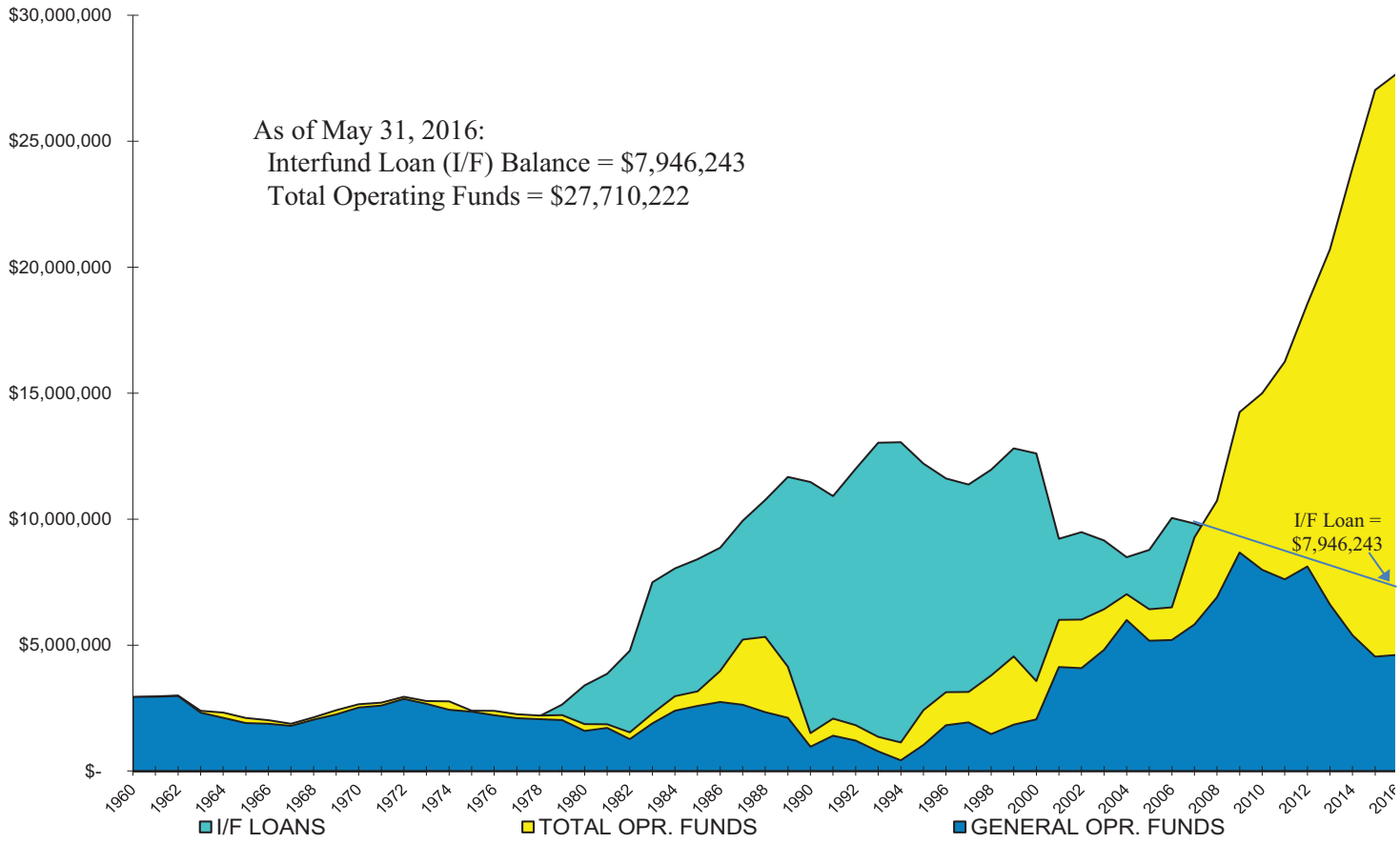
Operations that have been discontinued in the last 50 years include the operation of the City of Victoria wastewater plants on January 1, 2011 and the Wimberley WWTP in 2012. The loss of these two latter operations is the principal reason for the slight decline in total assets during the last few years as depicted on the following graph.



Financial Reserve Data

GBRA has been able to accumulate some cash reserves over time. These reserves have accumulated mainly within the General and Water Resource Divisions of GBRA. Over the last few years, other divisions of GBRA have also accumulated some cash reserves.

Historically, these reserves were the result of the Comal Power Plant lease from 1942-1972. More recently, these reserves have resulted from efficient operations and the requirement of a debt coverage factor on GBRA's new bond issues. These reserves are periodically used to provide interfund loans to operating divisions that need "seed" money 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. The balance of interfund loans hit their peak in 1994 and at the same time, GBRA's available cash and investments hit their all-time low. The turnaround of this trend came with the conclusion of the lawsuit related to sprinflow emanating from the Edwards Aquifer while at the same time, revenue growth accelerated with increasing water sales. As a result of these factors, the amount of outstanding interfund loans has dropped considerably while at the same time, GBRA's financial resources as denoted by the amount of available cash and investments have increased. These very positive trends were actually goals that were established in the 1997 and 2003 GBRA Five Year Financial Plans, and continue today. The interfund trend data is identified in the graph below:



Note: Except for the current year which is not complete, this graph depicts audited financial statement amounts only and is not projected into the budget year.

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:

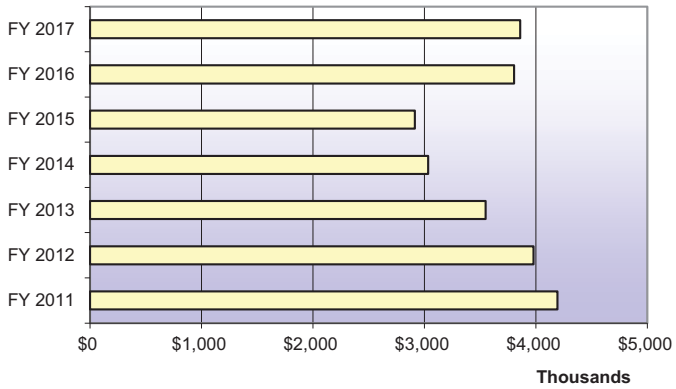
Budget-to-Actual Operations:	Principal Customers	County
Northcliffe Wastewater Treatment Plant	City of Schertz	Guadalupe
Sunfield Wastewater Treatment Plant	Sunfield MUD #4	Hays
4S Ranch Wastewater Treatment Plant	Comal County WCID #6	Comal
Park Village Wastewater Treatment Plant	Comal County WCID #6	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

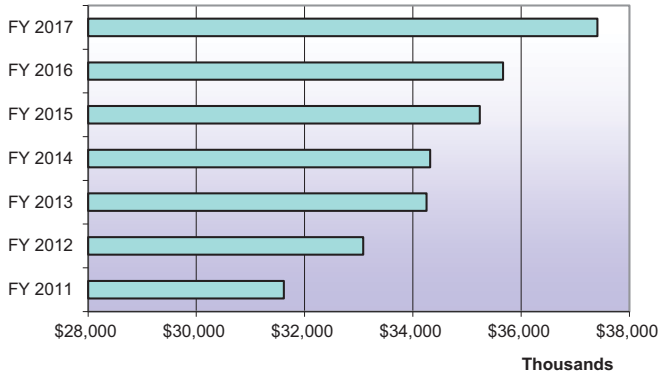
Unit of Service Operations:	Principal Customers	County
General Division	GBRA Systems	Guadalupe
Guadalupe Valley Hydroelectric Division	Guadalupe Valley Electric Coop.	Guadalupe/Gonzales
Shadow Creek Wastewater Treatment Plant	Residential Customers	Hays
Canyon Park Wastewater Reclamation System	Residential Customers	Comal
Dunlap Wastewater Reclamation System	Residential Customers	Guadalupe
Springs Hill Wastewater Reclamation System	City of Seguin	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.





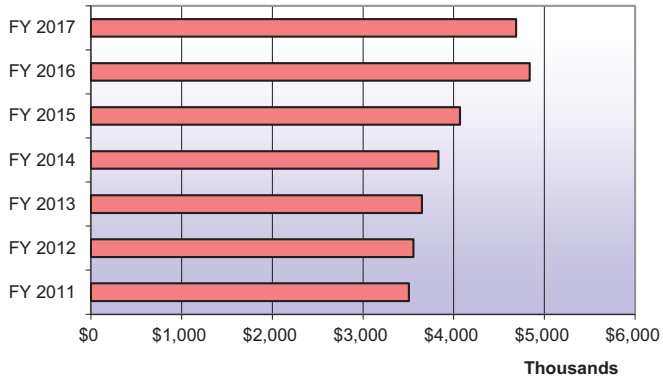
Water Sales and Lake Operations

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 past seven years due to the demand for more water; the initiation of new water projects such as the Western Canyon, Luling-to-Lockhart, IH35 projects, and the associated project debt service; and rate increases of approximately 4.8% 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 37,771 permits in 2011 to an anticipated 47,070 permits in 2017.

Historical Operating Revenues

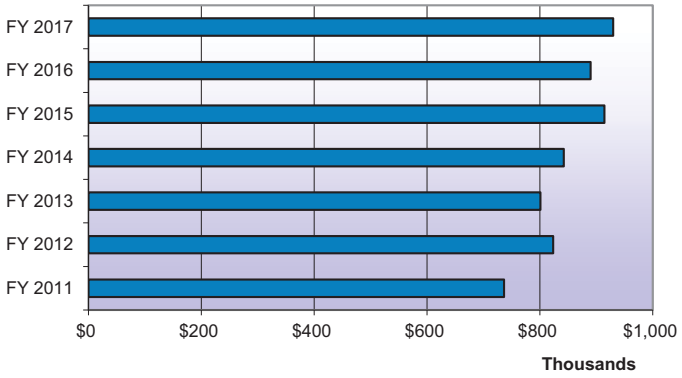


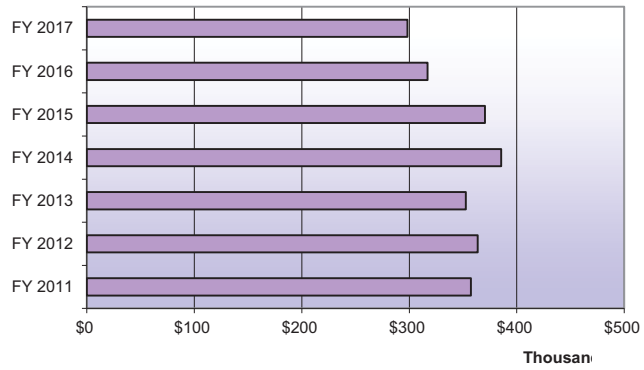
Wastewater Services

The treatment of wastewater has decreased from 2,001,501/M gal. in 2011 to a projected 1,305,374/M gal. in 2017 due to the termination of the operating contract with the City of Victoria in December 2010.

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.



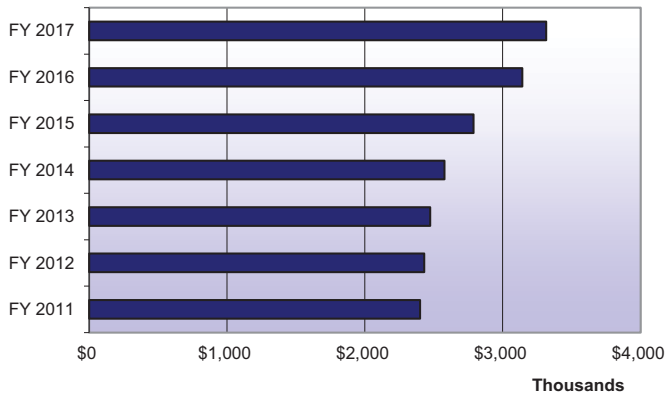


Rentals

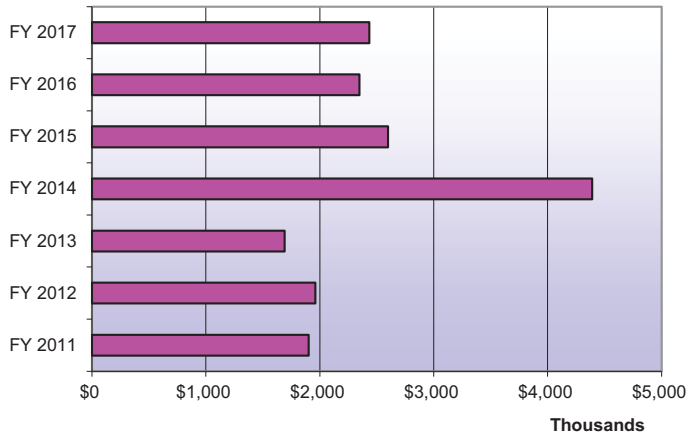
Income from the rental of building facilities and leasing of land increased in FY 2014 primarily due to the roof replacement on the Coleto Creek headquarter building. The Coleto Creek Power Company reimbursed GBRA for these costs and such reimbursement is shown as rental income.

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 2017.



Historical Operating Revenues



Miscellaneous Income

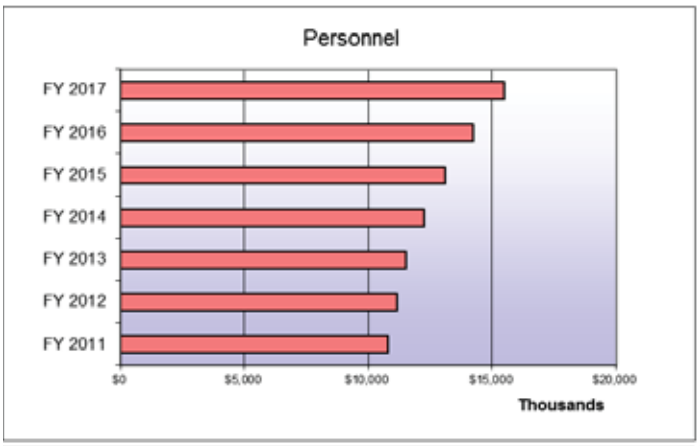
Miscellaneous income includes a variety of revenue sources including the sale of GBRA assets, renewable energy credits, payments from developers, and grant and insurance reimbursements from periodic repair of flood damages. The peak in FY 2014 is due to the Dunlap WWTP System receiving $2M from a Letter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

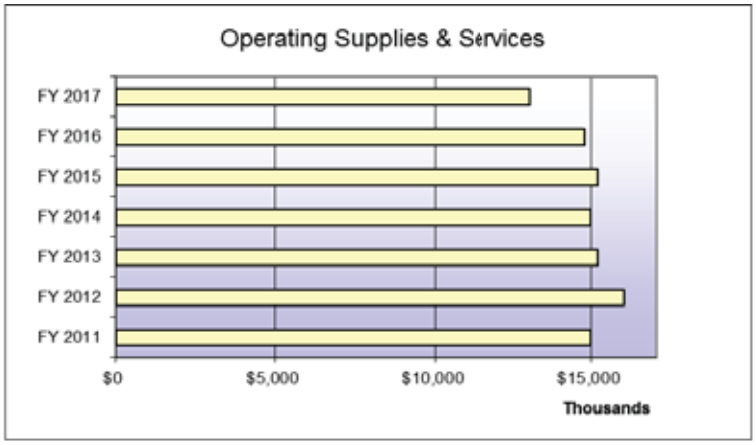
Operating Revenue Trend

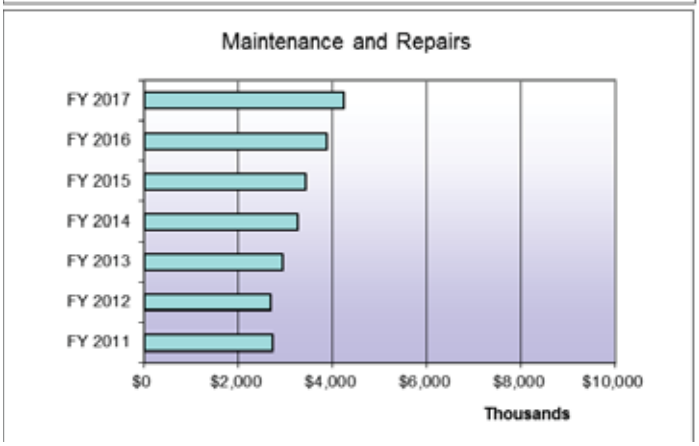
The following table identifies the revenue trends over the last seven years for all of GBRA's operations:

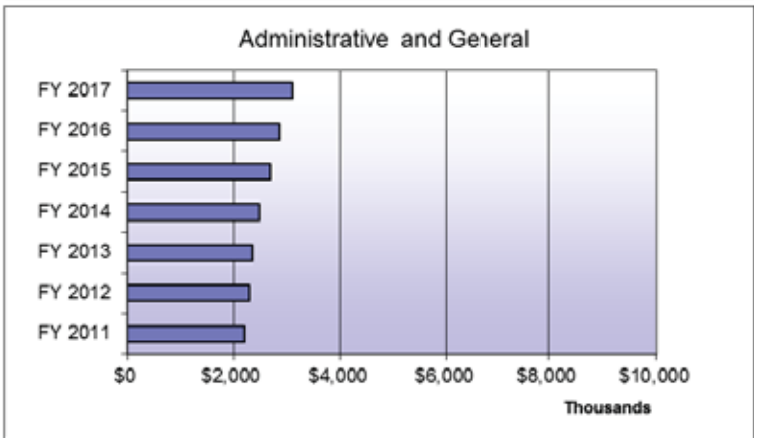
Revenues	FY 2011 Actual	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Pollution & Industrial Financing	--	--	--	--	--	--	--
Power Sales	4,192,271	3,979,015	3,548,940	3,032,418	2,914,459	3,803,316	3,858,128
Water Sales & Lake Operations	31,615,930	33,081,820	34,252,743	34,316,750	35,235,778	35,666,612	37,339,353
Recreation & Land Use	665,450	747,666	774,504	766,399	769,951	807,589	812,000
Wastewater Services	3,506,109	3,556,848	3,649,643	3,830,672	4,070,855	4,839,362	4,689,649
Laboratory Services	736,451	823,466	800,922	842,643	914,476	890,000	930,000
Rentals	357,296	363,753	352,642	385,494	370,317	317,083	298,280
Administrative & General	2,399,623	2,431,049	2,473,872	2,577,174	2,788,639	3,142,983	3,314,943
Miscellaneous Income	1,901,369	1,961,375	1,691,432	4,391,862	2,598,724	2,347,586	2,434,960
Total	**45,374,500**	**46,944,992**	**47,544,698**	**50,143,412**	**49,663,199**	**51,814,531**	**53,677,313**

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 2011 Actual	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Personnel	10,781,191	11,165,078	11,506,268	12,246,705	13,119,588	14,225,959	15,493,839
Operating Supplies & Services	14,979,173	16,018,077	15,198,495	14,976,608	15,180,858	14,956,444	13,021,383
Maintenance and Repairs	2,720,073	2,693,772	2,945,875	3,264,615	3,436,488	3,887,138	4,231,327
Administrative and General	2,206,478	2,286,729	2,342,669	2,481,528	2,683,607	2,868,938	3,111,278
Total	**30,686,915**	**32,163,656**	**31,993,306**	**32,969,456**	**34,420,541**	**35,938,479**	**35,857,827**

Rates and Rate Structures

GENERAL DIVISION	2015 Actual	2016 Actual	2017 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	**2015 Actual**	**2016 Actual**	**2017 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	$300.00	permit	-	Sep 01
RURAL UTILITIES DIVISION	**2015 Actual**	**2016 Actual**	**2017 Budget**	**Unit of Measure**	**% Change**	**Effective Date**
Reconnect Fee	$500.00	$500.00	$500.00	connection	-	Sep 01
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
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. Tap Fee	$5,000.00	$5,000.00	$5,000.00	connection	-	Oct 01
2. Monthly Sewer Rate:						
Condos, Houses & Laguna Park Units	$46.00	$48.00	$50.00	LUE	4%	Oct 01
3. Monthly Sewer Rate: Car Wash	$92.00	$96.00	$100.00	LUE	4%	Oct 01
Dunlap WWRS:						
1. Connection Fee: Legends Pond, Long Creek (The Bandit)	$2,577	$2,577	$2,577	connection	-	Oct 01
NBISD, River Bend, Southbank						
Connection Fee: White Wing line/area	$5,477	$5,477	$5,477	connection	-	Oct 01
Connection Fee: White Wing line/area (duplex)	N/A	N/A	$3,000	connection	NEW	Oct 01
Connection Fee: New customers conn. via Legends Lift Sta	$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
2. Inspection Fee	$50.00	$50.00	$50.00	connection	-	Oct 01
3. Monthly Sewer Fee: Retail	$50.00	$50.00	$50.00	LUE	-	Oct 01
4. Monthly Sewer Fee: Wholesale	N/A	N/A	$48.00	LUE	NEW	Oct 01
Springs Hill WWRS:						
City of Seguin Treatment Fee	$6.97	$6.97	$6.97	1,000 gal	-	Sep 01
WATER RESOURCES DIVISION	**2015 Actual**	**2016 Actual**	**2017 Budget**	**Unit of Measure**	**% Change**	**Effective Date**
Raw Water:						
Firm Water	$130.00	$135.00	$142.00	AFY	5%	Oct 01
Recreation Rate	$26.61	$26.61	$26.61	AFY	-	Oct 01
Out-of-District Charge x Consumer Price Index Change	$35.27	$35.64	$35.67	AFY	0.09%	Oct 01
Regional RWDS:						
O&M Rate	$0.196	$0.213	$0.286	1,000 gal	34%	Oct 01
Capacity Rate	$105.77	$105.77	$105.77	gpm/yr	-	Oct 01

Note: Rate changes for new budget year are highlighted; % change is from 2016 actual to 2017 budget year.

Rates and Rate Structures

WATER RESOURCES DIVISION (cont.)	2015 Actual	2016 Actual	2017 Budget	Unit of Measure	% Change	Effective Date
Guadalupe Power Partners RWDS:						
O&M Rate	$0.449	$0.454	$0.488	1,000 gal	7%	Oct 01
IH 35 Project:						
WTP O&M Rate	$0.46	$0.48	$0.48	1,000 gal	-	Oct 01
TWDS O&M Rate	$0.259	$0.307	$0.291	1,000 gal	-5%	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	$1,000.00	$1,200.00	$1,200.00	site	-	Sep 01
Regional Laboratory:						
NSF Fee	$25.00	$25.00	$25.00	occurrence	-	Sep 01
Late Charge Penalty (after 60 days)	5%	5%	5%	of invoice	-	Sep 01
Administrative Fee	--	$1.00	$1.00	per report	-	Sep 01
Data Transfer Fee	--	$26.00	$26.00	per transfer	-	Sep 01
Alkalinity-Total	$25.00	$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	$58.00	$60.00	$62.00	test	3%	Sep 01
Conductivity	$13.00	$14.00	$15.00	test	7%	Sep 01
Demands-BOD (5 day)	$35.00	$35.00	$35.00	test	-	Sep 01
Demands-BOD (filtered)	$36.00	$36.00	$37.00	test	3%	Sep 01
Demands-CBOD (5 day)	$37.00	$37.00	$39.00	test	5%	Sep 01
Demands-COD	$38.00	$38.00	$39.00	test	3%	Sep 01
Demands-DO (electrode)	$11.00	$12.00	$12.00	test	-	Sep 01
Ion Chromatography-Chloride	$24.00	$24.00	$25.00	test	4%	Sep 01
Ion Chromatography-Chlorite	$36.00	$37.00	$38.00	test	3%	Sep 01
Ion Chromatography-Fluoride	$28.00	$28.00	$28.00	test	-	Sep 01
Ion Chromatography-Nitrate	$28.00	$28.00	$28.00	test	-	Sep 01
Ion Chromatography-Nitrite	$28.00	$28.00	$28.00	test	-	Sep 01
Ion Chromatography-Ortho-Phosphorus	$28.00	$30.00	$30.00	test	-	Sep 01
Ion Chromatography-Sulfate	$24.00	$24.00	$25.00	test	4%	Sep 01
Micro-E coli (18 hr. Colilert)	$29.00	$30.00	$31.00	test	3%	Sep 01
Micro-E coli-EPA	$100.00	$120.00	$120.00	test	-	Sep 01
Micro-Fecal Coliform/E.coli	$27.00	$30.00	$32.00	test	7%	Sep 01
Micro-Fecal Coliform for sludges	$50.00	$55.00	$55.00	test	-	Sep 01
Micro-Fecal Coliform Geomean	$80.00	$85.00	$87.00	test	2%	Sep 01

Note: Rate changes for new budget year are highlighted; % change is from 2016 actual to 2017 budget year.

Rates and Rate Structures

WATER RESOURCES DIVISION (cont.)	2015 Actual	2016 Actual	2017 Budget	Unit of Measure	% Change	Effective Date
Micro-Heterotrophic Plate Counts	$39.00	$40.00	$40.00	test	-	Sep 01
Micro-Total Coliform	$24.00	$25.00	$25.00	test	-	Sep 01
Nutrients-Ammonia Nitrogen-Distilled	$32.00	$33.00	$34.00	test	3%	Sep 01
Nutrients-Ammonia Nitrogen-Non-distilled	$28.00	$29.00	$30.00	test	3%	Sep 01
Nutrients-Total Kjeldahl Nitrogen-TKN	$49.00	$50.00	$52.00	test	4%	Sep 01
Nutrients-Total Phosphorus	$32.00	$34.00	$35.00	test	3%	Sep 01
Oil and Grease	$64.00	$64.00	$64.00	test	-	Sep 01
pH	$13.00	$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	$27.00	$28.00	$28.00	test	-	Sep 01
Solids-Total Solids	$26.00	$26.00	$26.00	test	-	Sep 01
Solids-Volatile Residue-VS	$26.00	$27.00	$27.00	test	-	Sep 01
Sludge Oxygen Uptake Rate (SOURS)	$57.00	$58.00	$58.00	test	-	Sep 01
Temperature	$11.00	$12.00	$12.00	test	-	Sep 01
Total Hardness	$29.00	$30.00	$31.00	test	3%	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	$14.00	$15.00	$15.00	test	-	Sep 01
Turbidity	$18.00	$19.00	$21.00	test	11%	Sep 01

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

Lake Wood Recreation Area:						
Island Lots	$610.00	$640.00	$640.00	year	-	Sep 01
Guest Parking for Lessees (2 days)	$7.00	$7.00	$7.00	2 days	-	Sep 01
Annual Permit (Lake Wood & Coleto Creek)	$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	$7.00	$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	$22.00	$23.00	$23.00	night	-	Sep 01
RV/Trailer (30 amp) – Daily	$27.00	$28.00	$28.00	night	-	Sep 01
RV/Trailer (30 amp) - Weekly (Apr 1-Sep 30)	$147.00	$154.00	$154.00	week	-	Sep 01
RV/Trailer (30 amp) - Weekly (Oct 1-Mar 31)	$126.00	$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 2016 actual to 2017 budget year.

Rates and Rate Structures

WATER RESOURCES DIVISION (cont.)	2015 Actual	2016 Actual	2017 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	$40.00	$45.00	$45.00	acre	-	Oct 01
Pasture	$40.00	$45.00	$45.00	acre	-	Oct 01
Crawfish Pond	$85.00	$90.00	$90.00	acre	-	Oct 01
Waterfowl Field	$50.00	$60.00	$60.00	acre	-	Oct 01
Catfish Farm	$112.00	$116.00	$116.00	acre	-	Oct 01
Seadrift Coke LP	$0.190	$0.205	$0.205	1,000 gal.	-	Oct 01
Ineos Nitriles	$0.185	$0.200	$0.200	1,000 gal.	-	Oct 01
Other M&I Customers	$0.150	$0.165	$0.165	1,000 gal.	-	Oct 01
Other Ponds & rigs (base rate+usage)	$495.00	$495.00	$495.00	base rate	-	Oct 01
	$0.150	$0.165	$0.165	1,000 gal.	-	Oct 01
Initial fill: crawfish, waterfowl & catfish water	$0.150	$0.165	$0.165	1,000 gal.	-	Oct 01
Sprinkler Irrigation	$40.00	$45.00	$45.00	acre	-	Oct 01

WESTERN CANYON DIVISION	2015 Actual	2016 Actual	2017 Budget	Unit of Measure	% Change	Effective Date
Western Canyon WTP & TWDS:						
O&M Rate	$1.040	$1.040	$1.074	1,000 gal.	3%	Oct 01
Capacity Rate	$475.03	$475.03	$475.03	AFY	-	Oct 01
Wholesale (Raw+Capacity+WTP O&M)	$2.90	$2.90	$2.97	1,000 gal.	2%	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
Transfer Fee	$40.00	$40.00	$40.00	transfer	-	Sep 01
Tampering Fee	$70.00	$70.00	$70.00	+damages	-	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
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	N/A	$2,000.00	connection	NEW	Sep 01
Water – Base Rate up to 2,000 gal.	$44.00	$44.00	$44.00	month	-	Oct 01
Water – Block Rate over 2,000 gal. (base rate+usage)	$44.00	$44.00	$44.00	base rate	-	Oct 01
	$3.60	$3.60	$3.60	1,000 gal.	-	Oct 01
Water – Block Rate over 10,000 gal. (base rate+usage)	$72.80	$72.80	$72.80	base rate	-	Oct 01
	$4.60	$4.60	$4.60	1,000 gal.	-	Oct 01
Water – Block Rate over 25,000 gal. (base rate+usage)	$141.80	$141.80	$141.80	base rate	-	Oct 01
	$5.60	$5.60	$5.60	1,000 gal.	-	Oct 01
Water – Block Rate over 50,000 gal. (base rate+usage)	$281.80	$281.80	$281.80	base rate	-	Oct 01
	$6.60	$6.60	$6.60	1,000 gal.	-	Oct 01
Water – Block Rate over 75,000 gal. (base rate+usage)	$446.80	$446.80	$446.80	base rate	-	Oct 01
	$8.60	$8.60	$8.60	1,000 gal.	-	Oct 01
Water – Block Rate over 100,000 gal. (base rate+usage)	$661.80	$661.80	$661.80	base rate	-	Oct 01
	$12.00	$12.00	$12.00	1,000 gal.	-	Oct 01

Rates and Rate Structures

WESTERN CANYON DIVISION (cont.)	2015 Actual	2016 Actual	2017 Budget	Unit of Measure	% Change	Effective Date
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 over 4,000 gal. (base rate+usage)	$104.00	$104.00	$104.00	base rate	-	Oct 01
	$3.60	$3.60	$3.60	1,000 gal.	-	Oct 01
Water – Block Rate over 25,000 gal. (base rate+usage)	$179.60	$179.60	$179.60	base rate	-	Oct 01
	$5.50	$5.50	$5.50	1,000 gal.	-	Oct 01
Water – Block Rate over 75,000 gal. (base rate+usage)	$454.60	$454.60	$454.60	base rate	-	Oct 01
	$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 over 8,000 gal. (base rate+usage)	$204.00	$204.00	$204.00	base rate	-	Oct 01
	$3.60	$3.60	$3.60	1,000 gal.	-	Oct 01
Water – Block Rate over 50,000 gal. (base rate+usage)	$355.20	$355.20	$355.20	base rate	-	Oct 01
	$5.50	$5.50	$5.50	1,000 gal.	-	Oct 01
Water – Block Rate over 100,000 gal. (base rate+usage)	$630.20	$630.20	$630.20	base rate	-	Oct 01
	$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 over 16,000 gal. (base rate+usage)	$304.00	$304.00	$304.00	base rate	-	Oct 01
	$3.60	$3.60	$3.60	1,000 gal.	-	Oct 01
Water – Block Rate over 75,000 gal. (base rate+usage)	$516.40	$516.40	$516.40	base rate	-	Oct 01
	$5.50	$5.50	$5.50	1,000 gal.	-	Oct 01
Water – Block Rate over 125,000 gal. (base rate+usage)	$791.40	$791.40	$791.40	base rate	-	Oct 01
	$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 over 32,000 gal. (base rate+usage)	$524.00	$524.00	$524.00	base rate	-	Oct 01
	$3.60	$3.60	$3.60	1,000 gal.	-	Oct 01
Water – Block Rate over 100,000 gal. (base rate+usage)	$768.80	$768.80	$768.80	base rate	-	Oct 01
	$5.50	$5.50	$5.50	1,000 gal.	-	Oct 01
Water – Block Rate over 150,000 gal. (base rate+usage)	$1,043.80	$1,043.80	$1,043.80	base rate	-	Oct 01
	$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

Note: Rate changes for new budget year are highlighted; % change is from 2016 actual to 2017 budget year.

Rates and Rate Structures

WESTERN CANYON DIVISION (cont.)	2015 Actual	2016 Actual	2017 Budget	Unit of Measure	% Change	Effective Date
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
Transfer Fee	$40.00	$40.00	$40.00	transfer	-	Sep 01
Tampering Fee	$70.00	$70.00	$70.00	+damages	-	Sep 01
NSF Fee	$25.00	$25.00	$25.00	occurrence	-	Sep 01
Late Charge Penalty	5%	5%	5%	mthly fee	-	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			
Wastewater – Developer Reimbursement Fee	N/A	N/A	$2,000.00	connection	NEW	Sep 01
Wastewater – Monthly Fees	$64.00	$64.00	$67.00	LUE	5%	Oct 01
Johnson Ranch WWTP:						
Wastewater – Connection Fees	$550.00	$550.00	$550.00	connection	-	Oct 01
Wastewater – Monthly Fees	$45.00	$45.00	$45.00	LUE	-	Oct 01

CALHOUN COUNTY RWS DIVISION	2015 Actual	2016 Actual	2017 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
Transfer Fee	$40.00	$40.00	$40.00	transfer	-	Sep 01
Tampering Fee	$70.00	$70.00	$70.00	+damages	-	Sep 01
Private Hand Valve Installation	$200.00	$200.00	$200.00	minimum	-	Sep 01
NSF Fee	$25.00	$25.00	$25.00	occurrence	-	Sep 01
ACH Fee: individual bank draft at customers request	$25.00	$25.00	$25.00	occurrence	-	Sep 01
Late Charge Penalty	5%	5%	5%	mthly fee	-	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	$355.00	$355.00	$355.00	connection	-	Oct 01
Membership Fees	$1,200.00	$1,200.00	$1,200.00	connection	-	Oct 01
Base Rate up to 2,000 gal.	$36.00	$40.00	$40.00	month	-	Oct 01
Block Rate over 2,000 gal. (base rate+usage)	$5.05	$6.05	$6.05	1,000 gal.	-	Oct 01
Base Rate over 5,000 gal.	N/A	N/A	$58.15	month	NEW	Oct 01
Block Rate over 5,000 gal. (base rate+usage)	N/A	N/A	$7.05	1,000 gal.	NEW	Oct 01
Base Rate over 10,000 gal.	N/A	N/A	$93.40	month	NEW	Oct 01
Block Rate over 10,000 gal. (base rate+usage)	N/A	N/A	$10.05	1,000 gal.	NEW	Oct 01
Base Rate over 25,000 gal.	N/A	N/A	$244.15	month	NEW	Oct 01
Block Rate over 25,000 gal. (base rate+usage)	N/A	N/A	$12.05	1,000 gal.	NEW	Oct 01
Dry Tap Rate	$35.00	$39.00	$39.00	month	-	Oct 01

Note: Rate changes for new budget year are highlighted; % change is from 2016 actual to 2017 budget year.

Rates and Rate Structures

CALHOUN COUNTY RWS DIVISION (cont.)	2015 Actual	2016 Actual	2017 Budget	Unit of Measure	% Change	Effective Date
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	$385.00	$385.00	$385.00	connection	-	Oct 01
Membership Fees	$2,300.00	$2,300.00	$2,300.00	connection	-	Oct 01
Base Rate up to 3,000 gal.	$54.00	$60.00	$60.00	month	-	Oct 01
Block Rate over 3,000 gal. (base rate+usage)	$5.05	$6.05	$6.05	1,000 gal.	-	Oct 01
Base Rate over 5,000 gal.	N/A	N/A	$72.10	month	NEW	Oct 01
Block Rate over 5,000 gal. (base rate+usage)	N/A	N/A	$7.05	1,000 gal.	NEW	Oct 01
Base Rate over 10,000 gal.	N/A	N/A	$107.35	month	NEW	Oct 01
Block Rate over 10,000 gal. (base rate+usage)	N/A	N/A	$10.05	1,000 gal.	NEW	Oct 01
Base Rate over 25,000 gal.	N/A	N/A	$258.10	month	NEW	Oct 01
Block Rate over 25,000 gal. (base rate+usage)	N/A	N/A	$12.05	1,000 gal.	NEW	Oct 01
Dry Tap Rate	$53.00	$59.00	$59.00	month	-	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	$450.00	$450.00	$450.00	connection	-	Oct 01
Membership Fees	$3,100.00	$3,100.00	$3,100.00	connection	-	Oct 01
Base Rate up to 4,000 gal.	$72.00	$80.00	$80.00	month	-	Oct 01
Block Rate over 4,000 gal. (base rate+usage)	$5.05	$6.05	$6.05	1,000 gal.	-	Oct 01
Base Rate over 25,000 gal.	N/A	N/A	$207.05	month	NEW	Oct 01
Block Rate over 25,000 gal. (base rate+usage)	N/A	N/A	$7.05	1,000 gal.	NEW	Oct 01
Base Rate over 75,000 gal.	N/A	N/A	$559.55	month	NEW	Oct 01
Block Rate over 75,000 gal. (base rate+usage)	N/A	N/A	$10.05	1,000 gal.	NEW	Oct 01
Dry Tap Rate	$71.00	$79.00	$79.00	month	-	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
Base Rate up to 8,000 gal.	$144.00	$160.00	$160.00	month	-	Oct 01
Block Rate over 8,000 gal. (base rate+usage)	$5.05	$6.05	$6.05	1,000 gal.	-	Oct 01
Base Rate over 50,000 gal.	N/A	N/A	$414.10	month	NEW	Oct 01
Block Rate over 50,000 gal. (base rate+usage)	N/A	N/A	$7.05	1,000 gal.	NEW	Oct 01
Base Rate over 100,000 gal.	N/A	N/A	$766.60	month	NEW	Oct 01
Block Rate over 100,000 gal. (base rate+usage)	N/A	N/A	$10.05	1,000 gal.	NEW	Oct 01
Dry Tap Rate	$143.00	$159.00	$159.00	month	-	Oct 01

Note: Rate changes for new budget year are highlighted; % change is from 2016 actual to 2017 budget year.

Rates and Rate Structures

CALHOUN COUNTY RWS DIVISION (cont.)	2015 Actual	2016 Actual	2017 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.	$288.00	$320.00	$320.00	month	-	Oct 01
Block Rate over 16,000 gal. (base rate+usage)	$5.05	$6.05	$6.05	1,000 gal.	-	Oct 01
Base Rate over 75,000 gal.	N/A	N/A	$676.95	month	NEW	Oct 01
Block Rate over 75,000 gal. (base rate+usage)	N/A	N/A	$7.05	1,000 gal.	NEW	Oct 01
Base Rate over 100,000 gal.	N/A	N/A	$1,205.70	month	NEW	Oct 01
Block Rate over 100,000 gal. (base rate+usage)	N/A	N/A	$10.05	1,000 gal.	NEW	Oct 01
Dry Tap Rate	$287.00	$319.00	$319.00	month	-	Oct 01
Crestview Subdivision:						
Residential: Monthly Sewer Fees	$70.00	$70.00	$75.00	month	7%	Oct 01
Residential: New Connection	@ cost	@ cost	@ cost			Oct 01
Residential: Reactivate Connection	$210.00	$210.00	$225.00	connection	7%	Oct 01
Multi-family/2 Units: Monthly Sewer Fees	$105.00	$105.00	$112.50	month	7%	Oct 01
Multi-family/2 Units: New Connection	@ cost	@ cost	@ cost			Oct 01
Multi-family/2 Units: Reactivate Connection	$315.00	$315.00	$337.50	connection	7%	Oct 01

COLETO CREEK RECREATION SYSTEM	2015 Actual	2016 Actual	2017 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	$150.00	$155.00	$160.00	permit	3%	Sep 01
Replacement Annual Permit	$5.00	$5.00	$5.00	permit	-	Sep 01
Camping Fee	$30.00	$32.00	$32.00	night	-	Sep 01
Camping Fee Premium Sites	$37.00	$37.00	$37.00	night	-	Sep 01
Overflow Camping	$23.00	$25.00	$26.00	night	4%	Sep 01
Camping Extra Vehicle Charge	$10.00	$10.00	$11.00	night	10%	Sep 01
Camping Fee (Weekly: 10/1-3/31)	$175.00	$175.00	$175.00	7 nights	-	Sep 01
Camping Fee (Monthly: 10/1-3/31)	$435.00	$435.00	$435.00	30 nights	-	Sep 01
Senior Citizens Camping (10/1-3/31)	$25.00	$25.00	$26.00	night	4%	Sep 01
Primitive Camping	$25.00	$25.00	$26.00	night	4%	Sep 01
Monthly Parking Pass (1/couple: 10/1-3/31)	$45.00	$45.00	$45.00	30 nights	-	Sep 01

Note: Rate changes for new budget year are highlighted; % change is from 2016 actual to 2017 budget year.

Rates and Rate Structures

COLETO CREEK RECREATION SYSTEM (cont)	2015 Actual	2016 Actual	2017 Budget	Unit of Measure	% Change	Effective Date
Holding Tank Pumpout Fee	$10.00	$10.00	$10.00	pump out	-	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	$67.00	$68.00	night	1%	Sep 01
Cabin Rental (Large Units)	$87.00	$87.00	$88.00	night	1%	Sep 01
Cabin Rental (Trailer Units)	$105.00	$105.00	$106.00	night	1%	Sep 01
Cabin Rental (Trailer Units)-Weekly	$350.00	$350.00	$350.00	7 nights	-	Sep 01
Cabin Rental (Trailer Units)-Monthly	$900.00	$900.00	$900.00	30 nights	-	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"	$65.00	$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
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	$150.00	$160.00	hunter	7%	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	2015 Actual	2016 Actual	2017 Budget	Unit of Measure	% Change	Effective Date
Water Treatment Plant Charge	$1.141	$1.23	$1.207	1,000 gal.	-2%	Sep 01
Treated Water Delivery System O&M Charge	$0.337	$0.347	$0.377	1,000 gal.	8.6%	Sep 01

CANYON HYDROELECTRIC DIVISION	2015 Actual	2016 Actual	2017 Budget	Unit of Measure	% Change	Effective Date
Energy Charge	$0.0133	$0.0133	$0.0133	kWh	-	Sep 01

LOCKHART DIVISION	2015 Actual	2016 Actual	2017 Budget	Unit of Measure	% Change	Effective Date
Septic Tank Waste	$62.00	$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 2016 actual to 2017 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, 2017 balance for GBRA's current debt is shown on the following page. This schedule does not reflect the proposed loans/bonds totaling $35,378,910 budgeted for this year. The proposed obligations for this budget year are listed below:

Division	*Amount*	*Description*
General Division	$3,566,000	Loan for office renovation
Canyon Park WWTP	$333,000	Loan for preliminary plant expansion
Water Sales	$28,000,000	Bond for groundwater leases
Western Canyon WTP	$3,304,910	Bond for DBP Removal
Western Canyon WTP	$175,000	Loan for equipment purchase
TOTAL	$35,378,910	

Debt Obligations – Summary Table

Series	Date of Issue	Final Maturity	Effective Interest Rate	Original Amount	Outstanding 8/31/2015	Retired During FY 2016	Outstanding 8/31/2016	Retired During FY 2017	Outstanding 8/31/2017
OBLIGATIONS PAYABLE DIRECTLY BY GBRA									
RURAL UTILITIES DIVISION									
Regions Bank Loan, Dunlap Expansion Refunding	03/15/2012	2015	2.3%	3,590,000	710,748	710,748	--	--	--
Regions Bank Loan, Dunlap Collection System	03/15/2012	2032	3.3%	2,600,000	2,410,000	100,000	2,310,000	105,000	2,205,000
Regions Bank Loan, Emergency Generator-032	08/29/2014	2019	3.12%	33,000	26,777	6,379	20,398	6,586	13,812
Regions Bank Loan, Emergency Generator-033	08/29/2014	2019	3.12%	37,000	30,023	7,152	22,871	7,384	15,487
Regions Bank Loan, Emergency Generator-035	08/29/2014	2019	3.12%	70,000	56,801	13,531	43,270	13,970	29,300
WATER RESOURCE DIVISION									
U.S. Government Loan	01/01/1977	2026	2.5%	8,979,862	2,938,847	235,419	2,703,428	241,305	2,462,123
JP Morgan Chase Bank Loan, Office Expansion	05/09/2006	2016	4.18%	1,600,000	106,667	106,667	--	--	--
Luling Foundation Loan, Water Right Purchase	09/26/2006	2031	4.50%	584,706	430,258	18,938	411,320	19,790	391,530
Ussery Loan, Water Right Purchase	09/26/2006	2031	4.50%	343,496	252,768	11,126	241,642	11,626	230,016
General Improvement & Refunding Rev Bonds, 20	03/01/2011	2030	3.0-4.375%	10,745,000	8,375,000	490,000	7,885,000	505,000	7,380,000
General Improvement Rev Bonds, 2012 (Mid-Basin	04/05/2012	2031	0.14-1.86%	4,400,000	3,725,000	220,000	3,505,000	220,000	3,285,000
General Improvement Rev Bonds, 2015 (SWIRF)	11/15/2015	2035	1.83-3.17%	2,000,000	--	--	2,000,000	--	2,000,000
Total Obligations Payable Directly by GBRA				$34,983,064	19,062,889	$1,919,960	$19,142,929	$1,130,661	$18,012,268
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	50,980,000	1,915,000	49,065,000	1,995,000	47,070,000
Western Canyon Regional Water Supply Project Revenue Bonds									
2013B	07/10/2013	2033	1.909-4.633%	6,830,000	6,265,000	265,000	6,000,000	265,000	5,735,000
IH 35 Project Combined Revenue Bonds									
2013	04/17/2013	2037	2.0-5%	19,470,000	17,880,000	560,000	17,320,000	565,000	16,755,000
RRWDS Combined Revenue Bonds									
2007A	09/15/2007	2039	5.0%	9,180,000	8,235,000	185,000	8,050,000	195,000	7,855,000
RRWDS Combined Revenue Bonds, Taxable									
2007B	09/15/2007	2039	7.1%	5,775,000	5,335,000	90,000	5,245,000	100,000	5,145,000
Regional Raw Wtr Delivery System Bonds, San Marcos									
2010	08/01/2010	2024	2.0-3.25%	6,895,000	4,745,000	460,000	4,285,000	470,000	3,815,000
PORT LAVACA WATER TREATMENT PLANT DIVISION									
Frost National Bank Loan	03/04/2008	2022	4.0%	400,000	331,195	29,533	301,662	49,975	251,687
Water Supply Revenue Refunding Bonds									
2011	08/16/2011	2016	2.0%	1,205,000	305,000	305,000	--	--	--
LULING WATER TREATMENT PLANT DIVISION									
Treated Water Delivery System Contract Revenue Refunding Bonds									
2014	02/26/2014	2030	3.45%	4,950,000	4,715,000	245,000	4,470,000	255,000	4,215,000
LOCKHART WASTEWATER RECLAMATION DIVISION									
Contract Revenue Bonds									
2010	08/01/2010	2017	1.5%-2.5%	4,025,000	1,255,000	615,000	640,000	640,000	--
Total Contract Revenue Bonds				$113,995,000	$100,046,195	$4,669,533	$95,376,662	$4,534,975	$90,841,687
Total Revenue Bonds and Long-Term Loans Payable					**$119,109,084**		**$114,519,591**		**$108,853,955**

Debt Obligations – Amortization Schedules

DUNLAP WASTEWATER TREATMENT PLANT
AMORTIZATION SCHEDULE FOR REGIONS BANK

YR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2017	$105,000	$75,401	$180,401
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
	$2,310,000	$717,097	$3,027,097

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

YR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2017	$241,305	$67,585	$308,890
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
	$2,703,428	$385,471	$3,088,900

Debt Obligations – Amortization Schedules

WATER RIGHT PURCHASE AMORTIZATION SCHEDULE

YREND AUG 31	LULING FOUNDATION			ABNER USSERY			TOTAL REQ'S
	PRINCIPAL	INTEREST	TOTAL	PRINCIPAL	INTEREST	TOTAL	
2017	$19,790	$18,510	$38,300	$11,626	$10,874	$22,500	$60,800
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
	$411,325	$163,175	$574,500	$241,641	$95,859	$337,500	$912,000

GENERAL IMPROVEMENT & REFUNDING REVENUE BONDS, SERIES 2011

YR END AUG 31	WATER RIGHT CONTRACT BUYOUT			REFUNDING OFFICE EXPANSION			TOTAL REQ's
	PRINCIPAL	INTEREST	TOTAL	PRINCIPAL	INTEREST	TOTAL	
2017	$310,000	$212,762.50	$522,763	$195,000	$105,893.76	$300,894	$823,657
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
	$5,205,000	$1,699,469	$6,904,472	$2,680,000	$700,381	$3,380,383	$10,284,855

Debt Obligations – Amortization Schedules

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

YR END AUG 31	PRINCIPAL	INTEREST	TOTAL REQ's
2017	$220,000	$37,603	$257,603
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
	$3,505,000	$396,788	$3,901,788

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
2017	$1,995,000	$2,334,306	$4,329,306	$265,000	$243,553	$508,553	$4,837,859
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
	$49,065,000	$24,517,456	$73,582,456	$6,000,000	$2,640,812	$8,640,812	$82,223,268

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
2017	$565,000	$627,656	$1,192,656
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
	$17,320,000	$7,830,457	$25,150,457

Debt Obligations – Amortization Schedules

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

YREND AUG 31	SERIES 2007A BONDS PRINCIPAL	INTEREST	2007A TOTAL	TAXABLE SERIES 2007B BONDS PRINCIPAL	INTEREST	2007B TOTAL	TOTAL REQ's
2017	$195,000	$402,750	$597,750	$100,000	$371,175	$471,175	$1,068,925
2018	205,000	393,000	598,000	105,000	364,105	469,105	1,067,105
2019	215,000	382,750	597,750	110,000	356,682	466,682	1,064,432
2020	225,000	372,000	597,000	120,000	348,904	468,904	1,065,904
2021	235,000	360,750	595,750	130,000	340,421	470,421	1,066,171
2022	250,000	349,000	599,000	135,000	331,230	466,230	1,065,230
2023	260,000	336,500	596,500	145,000	321,685	466,685	1,063,185
2024	275,000	323,500	598,500	155,000	311,433	466,433	1,064,933
2025	285,000	309,750	594,750	170,000	300,475	470,475	1,065,225
2026	300,000	295,500	595,500	180,000	288,456	468,456	1,063,956
2027	315,000	280,500	595,500	195,000	275,730	470,730	1,061,230
2028	330,000	264,750	594,750	205,000	261,943	466,943	1,066,693
2029	350,000	248,000	598,000	220,000	247,450	467,450	1,065,450
2030	365,000	230,500	595,500	235,000	231,896	466,896	1,062,396
2031	385,000	212,250	597,250	255,000	215,282	470,282	1,067,532
2032	405,000	193,000	598,000	270,000	197,253	467,253	1,065,253
2033	425,000	172,750	597,750	290,000	178,164	468,164	1,065,914
2034	445,000	151,500	596,500	310,000	157,661	467,661	1,064,161
2035	470,000	129,250	599,250	335,000	135,744	470,744	1,069,994
2036	490,000	105,750	595,750	355,000	112,060	467,060	1,062,810
2037	515,000	81,250	596,250	380,000	86,961	466,961	1,063,211
2038	540,000	55,500	595,500	410,000	60,095	470,095	1,065,595
2039	570,000	28,500	598,500	435,000	31,107	471,107	1,069,607
	$8,050,000	$5,679,000	$13,729,000	$5,245,000	$5,525,912	$10,775,912	$24,504,912

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
2018	$470,000	$120,781	$590,781
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
	$4,285,000	$552,456	$4,837,456

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

PORT LAVACA WTP CLEARWELL
FROST NATIONAL BANK

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2017	$49,975	$11,313	$61,288
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
	$301,662	$35,419	$337,081

Debt Obligations – Amortization Schedules

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

YR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2017	$255,000	$149,816	$404,816
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
	$4,470,000	$1,164,203	$5,634,203

CONTRACT REVENUE REFUNDING BONDS SERIES 2010
(CITY OF LOCKHART PROJECT)

YR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2017	$640,000	$8,000	$648,000
	$640,000	$8,000	$648,000

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Capital Improvements

A capital improvements program was originally developed during FY 1997 and was embedded in the initial "Guadalupe-Blanco River Authority Five Year Financial Plan". The updated capital improvements program includes equipment requirements projected for the years 2017-2021. The capital improvements program assesses future infrastructure as well as other needed capital additions. Considerations that are included in the development of this program are customer demand, economic development, condition of existing infrastructure, and changing environmental regulations. An evaluation of all of these factors is important due to the high cost of the projects required to deliver the utility service to end use customers.

The capital improvements program is a financial planning tool subject to amendment as conditions change. In that respect, capital improvements that have been identified may be purchased in a different year than identified or not purchased at all if conditions do not warrant. The budgeted capital expenditures are assimilated into the annual budget without the need for long term, external financing unless otherwise noted.

General Division

DESCRIPTION	2017	2018	2019	2020	2021
Office Expansion	$3,566,000				
New Truck for Inspectors (2)	$80,000				
Replacement Vehicle	$33,000	$50,000	$50,000	$50,000	$50,000
Computer Hardware	$28,500	$30,000	$30,000	$30,000	$30,000
Commercial Lawn Mower	$12,500				
Camper Shell for Replacement Vehicle	$2,000				
Office Furniture & Fixtures		$10,000	$10,000	$10,000	$10,000
TOTALS	**$3,722,000**	**$90,000**	**$90,000**	**$90,000**	**$90,000**

The largest addition for FY 2017 is for a $3,566,000 office expansion. The funding for the expansion will come from mortgage proceeds. The expansion is necessary due to the increase in staffing at the Seguin office complex. Additionally vehicle purchases in an aggregate amount of $115,000 are part of GBRA's efforts to maintain a safe and cost effective fleet. Vehicles are replaced when mileage and maintenance records indicate a vehicle's safe, useful life has been reached. Computer hardware additions are part GBRA's efforts to upgrade hardware and software as each reach the end of the useful life or when the manufacturer ceases to support that generation of equipment.

The General Division's capital addition budget for FY 2017 remains relatively the same, except for the building expansion, when compared to previous years and as a result does not have a significant budget impact which requires rate increases or external funding. The internal sources of funding may come from the annual budget to the extent that the amount is recurring and will not cause an unreasonable budgetary impact.

Capital Improvements

Guadalupe Valley Hydroelectric Division

DESCRIPTION	2017	2018	2019	2020	2021
H-5 Spill Gate Repairs	$3,360,000				
McQueeney Spill Gate Structural Repairs	$408,000				
Replace Spill Gate Tie Bars	$220,000				
Upgrade Suspension Bridge Cable System	$187,000				
Structural, Dam, Levee, Erosion Repairs	$106,000				
Replace Spill Gate Fender Boards	$52,000				
Replace One Maintenance Truck	$37,000		$38,000		$39,000
Copier/Printer/Scanner	$5,000				
Replace Gate Work Trailer	$6,000				
Control Room Chair	$2,000	$2,100	$2,200	$2,300	$2,400
Paint a Power House	DEFERRED	$60,000	$65,000		$70,000
Generator Vacuum Breaker	DEFERRED	$16,000	$17,000		$18,000
TOTALS	**$4,449,000**	**$2,100**	**$122,200**	**$2,300**	**$129,400**

Capital Improvements and purchases planned in FY 2017 include $3,360,000 for H-5 Spill Gate Repairs, $408,000 for McQueeney Spill Gate Structural Repairs, $220,000 for Replacement Spill Gate Tie Bars, $187,000 for Suspension Bridge Cable System Upgrades, $106,000 for Structural, Dam & Levee Erosion Repairs and $52,000 for Replacement Spill Gate Fender Boards. All of these improvements are needed to ensure the reliability and maximum performance of the power generation. The remaining planned purchases totaling $50,000 are necessary replacements of equipment that is at or past the useful life expectancy.

Funds for the items listed will be provided by hydroelectric power sales and a $3,000,000 interdivision loan from GBRA's General Division for the H-5 Spill Gate Repairs.

Capital Improvements

Rural Utilities Division

DESCRIPTION	2017	2018	2019	2020	2021
Shadow Creek WWTP					
Vacuum Trailer	DEFERRED	$65,000			
SUB-TOTALS	**$ 0**	**$65,000**	**$ 0**	**$ 0**	**$ 0**

The system is relatively new, started during FY 2007 and the owner is currently expanding the wastewater treatment plant. The $65,000 Vacuum trailer purchase that has been deferred until FY 2018 will allow cleaning of manholes, excavation and plumbing repairs, lift station cleaning and the equipment can also be used during sewer TV inspections.

Capital Improvements

Rural Utilities Division (cont.)

DESCRIPTION	2017	2018	2019	2020	2021
Canyon Park WWTP:					
Plant Expansion	$354,612	$1,300,000			
¼ Cost of Manure Spreader	$10,000				
Pad for Roll-Off Container	$7,700				
¼ Cost of Lab Equipment	$2,500				
¼ Cost of Two Roll-Off Containers	$2,500				
½ Cost of Sonde Line Locator	$1,750				
¼ Cost of Lawn Mower	$1,000				
¼ Cost of Replacement Truck		$7,500		$7,500	
SUB-TOTALS	**$380,062**	**$1,307,500**	**$ 0**	**$7,500**	**$ 0**

Capital improvements and purchases planned in FY 2017 include a pad to support a roll-off container, ½ cost of a line locator, ¼ cost of a lawn mower, ¼ cost of a manure spreader to spread bio-solids, ¼ cost of two roll-off containers, and ¼ cost of laboratory equipment. These improvements will be funded by revenues from customer billings.

The roll-off containers, roll-off container pad and the manure spreader are necessary for the disposal of bio-solids collected at the treatment plant.

The lab equipment will allow for tests to be performed in house by plant operators.

Capital Improvements

Rural Utilities Division (cont.)

DESCRIPTION	2017	2018	2019	2020	2021
Dunlap WWTP:					
Shop/Office/Lab Building	$110,000				
¼ Cost of Manure Spreader	$10,000				
Pad for Roll-Off Container	$7,700				
¼ Cost of Lab Equipment	$2,500				
¼ Cost of Two Roll-Off Containers	$2,500				
½ Cost of Sonde Line Locator	$1,750				
¼ Cost of Lawn Mower	$1,000				
River Bend Collection System Improvements		$250,000			
¼ Cost of Vacuum Truck		$40,000			
Emergency Generator Cover		$8,000			
¼ Cost of a Replacement Truck		$7,500		$7,500	
SUB-TOTALS	**$135,450**	**$305,500**	**$ 0**	**$7,500**	**$ 0**

The capital improvements and purchases planned in FY 2017 are ¼ the cost of a lawn mower, ¼ cost of a manure spreader, ½ cost of a line locator, ¼ cost of two roll-off containers, ¼ cost of laboratory equipment, a pad to support a roll-off container, and a shop/office/lab building.

The shop/office/lab building will replace the small lab presently in a portable building. It will provide office space, additional storage, a shop area along with space to perform daily lab tests.

The roll-off container pad and the manure spreader are necessary for the disposal of bio-solids collected at the treatment plant.

The lab equipment will allow for tests to be performed in house by plant operators.

The capital improvements listed above will be funded by revenues from customer billings.

Capital Improvements

Rural Utilities Division (cont.)

DESCRIPTION	2017	2018	2019	2020	2021
Northcliffe WWTP:					
¼ Cost of Manure Spreader	$10,000				
Pad for Roll-Off Container	$7,700				
¼ Cost of Lab Equipment	$2,500				
¼ Cost of Two Roll-Off Containers	$2,500				
¼ Cost of Lawn Mower	$1,000				
¼ Cost of Replacement Truck		$7,500		$7,500	
SUB-TOTALS	**$23,700**	**$7,500**	**$ 0**	**$7,500**	**$ 0**

Capital improvements and purchases planned in FY 2017 include a pad to support a roll-off container, ¼ cost of a lawn mower, ¼ cost of a manure spreader to spread bio-solids, ¼ cost of two roll-off containers, and ¼ cost of equipment to perform various laboratory tests.

The roll-off containers, roll-off container pad and the manure spreader are necessary for the disposal of bio-solids collected at the treatment plant.

The lab equipment will allow for tests to be performed in house by plant operators.

The capital improvements listed above will be assimilated into the annual budget without the need for long-term external financing.

Capital Improvements

Rural Utilities Division (cont.)

DESCRIPTION	2017	2018	2019	2020	2021
Springs Hill WWTP:					
¼ Cost of Manure Spreader	$10,000				
Pad for Roll-Off Container	$7,700				
¼ Cost of Lab Equipment	$2,500				
¼ Cost of Two Roll-Off Containers	$2,500				
¼ Cost of Lawn Mower	$1,000				
Open Channel Raw Structure		$95,000			
Land for Plant Expansion	DEFERRED	$17,100			
¼ Cost of Replacement Truck		$7,500		$7,500	
New Clarifier			$250,000		
SUB-TOTALS	**$23,700**	**$119,600**	**$250,000**	**$7,500**	**$ 0**

GBRA operates the wastewater treatment plant while the City of Seguin is responsible for the collection system.

Capital improvements and purchases planned in FY 2017 include a chlorine regulator, a pad to support a roll-off container, ¼ cost of a lawn mower, ¼ cost of a manure spreader to spread bio-solids, ¼ cost of two roll-off containers, and ¼ cost of equipment to perform various laboratory tests.

The roll-off containers, roll-off container pad and the manure spreader are necessary for the disposal of bio-solids collected at the treatment plant.

The lab equipment will allow for tests to be performed in house by plant operators.

Although GBRA does not see the need for increased treatment capacity at this time, the purchase of land in FY 2018 for plant expansion and a new clarifier in FY 2019 will be dependent on development and demand on the treatment plant.

With the exception of the new clarifier in FY 2019, all capital additions will be paid from normal operating revenues.

Capital Improvements

Rural Utilities Division (cont.)

DESCRIPTION	2017	2018	2019	2020	2021
Sunfield WWTP:					
None					
SUB-TOTALS	**$ 0**	**$ 0**	**$ 0**	**$ 0**	**$ 0**
TOTALS RUD DIVISION	**$562,912**	**$1,805,100**	**$250,000**	**$30,000**	**$0**

In June of 2006 a wastewater treatment plant operating agreement was signed between 2428 Partners L.P. and GBRA. Plant start-up occurred during FY 2010, upon completion of construction of the 0.025 MGD Sunfield Wastewater Treatment Plant. At that time, GBRA assumed operation of the plant.

The District is currently undergoing an expansion of the Sunfield Wastewater Treatment Facility, therefore no capital improvements are anticipated.

Capital Improvements

Water Resources Division

DESCRIPTION	2017	2018	2019	2020	2021
Water Sales:					
Groundwater Leases	$28,000,000				
Surface Water Rights-G.D.	$550,000				
Surface Water Rights-R.D.	$378,000				
Surface Water Rights-E.C.	$301,000				
Clean Rivers Program-All	$189,147	$135,000	$135,000	$135,000	$135,000
Siphon/Radial Gate Improvements	$50,000				
Diversion Dam/SWB Erosion Repair	$15,000				
H5 Lot Restoration	$13,801	$50,000			
Rainfall Gauges-Hays TN (2)	$9,000				
Office Furniture	$5,000				
Campsite Additions – LWRA		$27,000			
Additional Shower – LWRA		$14,000			
Roads & Pads Repairs – LWRA			$16,000		
Cabin – LWRA				$36,000	
Bulkhead Repairs – LWRA					$20,000
SUB-TOTALS	**$29,510,948**	**$226,000**	**$151,000**	**$171,000**	**$155,000**

Included in FY 2017 is GBRA's continued participation in the Clean Rivers Program (CRP), which is estimated to cost $189,147. The CRP program is administered under two-year contracts with the TCEQ. The program is fully funded by the TCEQ.

The $27,000 campsite additions in FY 2018 will create additional campsites for users and increase revenue. The FY 2018 shower addition will increase the existing 5 showers to 6 showers. The FY 2019 $16,000 road and repairs will be needed when floods remove the road materials. The FY 2020 lakefront handicap cabin will provide additional revenue. The FY 2021 bulkhead project will secure the shoreline, provide safer fishing area, reduce erosion, and improve appearance.

The principal capital improvements listed above are ground and surface water leases. The ground water leases will be funded through a revenue bond issue while the surface water rights will be funded through rate based revenue.

Capital additions within the Water Resource Division - LWRA will be funded through the Canyon Reservoir stored water sales, grants, concession sales, and collected park use fees.

Capital Improvements

Water Resources Division (cont.)

DESCRIPTION	2017	2018	2019	2020	2021
Regional Laboratory:					
Oil and Grease Analyzer	$32,000				
LIMS Accessories	$10,000				
Oil and Grease Speed Vap	$3,900				
New Laboratory		$4,000,000			
New Laboratory Equipment		$500,000			
Inductively Coupled Plasma Unit		$100,000			
SUB-TOTALS	**$45,900**	**$4,600,000**	**$ 0**	**$ 0**	**$ 0**

The Regional Laboratory's capital improvement items for FY 2017-2021 include in FY 2017, the purchase of a replacement Oil and Grease Speed Vap will be necessary since the existing one is no longer serviced. In addition the Oil and Grease Extractor will need to be replaced due to some safety feature improvements. A LIMS system will continue in with development and improvements throughout its lifetime due to unforeseen regulatory requirement changes as well as customer and program customization needs.

In FY 2017-2018, the laboratory will begin the process of building a new lab due to increased number of personnel throughout GBRA which will require more office space as well as the safety issues that the lab has continued to incurr. The Lab will be reconstructed into office space once a new lab is built. Considerations for locations will be determined in FY 2017. The new lab would allow for a safer work space as well as space for potentially new and additional laboratory work as well as personnel that may be required in the future. New instrumentation, benchtops etc. would have to also be considered. In FY 2018 an Inductively Coupled Plasma (ICP) unit is scheduled for purchase. The ICP unit will be used for the analysis of heavy metals in water and wastewater. The ICP has the ability to analyze samples for multiple elements, with less interference, and with lower detection limits. The capability to perform analyses using the ICP will add the capability to perform several new tests. The ICP will be funded through a short-term bank loan or equipment lease/purchase in order to spread these costs over several years.

Capital Improvements

Water Resources Division

DESCRIPTION	2017	2018	2019	2020	2021
Calhoun Canal:					
Main Canal Crossing	$35,000				
Rehab Relift Roof	$29,000				
Replacement Truck (Unit #50)	$20,000				
Canal Rehab	$19,200				
Twin 60s Crossing Rehab		$70,000			
Expand Equipment Barn			$50,000		
Main Canal Easements			$30,000	$20,000	
Chlorine System Relift #1 Upgrade				$14,000	
Stofer's Bridge					$20,000
Duncan's Bridge					$15,000
Replacement All-terrain Vehicle					$12,000
SUB-TOTALS	**$103,200**	**$70,000**	**$80,000**	**$34,000**	**$47,000**

It is important that the major arteries of the Canal System, without which GBRA's support of an agricultural base as well as its municipal and industrial raw water supply in Calhoun County would be severely limited, must be kept intact and functional. A viable irrigation infrastructure to support the growth in demand for commodities will enhance the economy of Calhoun and surrounding counties while preserving a strong heritage in agri-business for the region.

Formal, written easements for the vital Main Canal continue to be an important but longer-term issue.

Canal system improvements and capital additions will be paid by revenues from the sale of raw water to agricultural, municipal, and industrial customers.

Capital Improvements

Water Resources Division (cont.)

DESCRIPTION	2017	2018	2019	2020	2021
San Marcos WTP:					
Chlorine Dioxide Generator	$349,714				
Back-up Filter for Backwash Blower		$90,000			
SUB-TOTALS	**$349,714**	**$90,000**	**$ 0**	**$ 0**	**$ 0**

The San Marcos Water Treatment Plant is operating under a 5-year contract with the City of San Marcos that began December 2015. GBRA and the City have made improvements to the plant in the form of a plant expansion of 12 MGD that was completed in 2008.

The City has obtained re-rating of the plant to 21 MGD. The re-rating modifications include the above-mentioned expansion. These project enhancements should therefore preclude the need for additional capital additions within the planning horizon of this operating budget, with the exception of the additions of a backwash blower and a chlorine dioxide generator.

Capital Improvements

Water Resources Division (cont.)

DESCRIPTION	2017	2018	2019	2020	2021
Buda WWTP:					
In Plant Vehicle	$5,000				
Replacement Truck		$30,000			
Refrigerated Sampler		$10,000			
Upgrade SCADA System			$25,000		
SUB-TOTALS	**$5,000**	**$40,000**	**$25,000**	**$ 0**	**$ 0**
TOTALS WATER RES. DIVISION	**$30,119,762**	**$5,026,000**	**$256,000**	**$205,000**	**$202,000**

Plant expansion by the City during FY 2011-2012 has reduced the capital needs during this 5-year planning period.

A inside plant vehicle is proposed for FY 2017.The upgrade to the SCADA system and a refrigerated sampler for collecting composite samples during FY 2018 will provide for more efficient monitoring of the plant processes.

Capital Improvements

Western Canyon Division

DESCRIPTION	2017	2018	2019	2020	2021
Western Canyon WTP:					
Disinfection By-Product Removal	$3,304,910				
Replacement Membrane Modules	$360,000	$360,000	$15,000	$15,000	$15,000
SCADA/Membrane Upgrade	$75,000				
Laser Track Turbidimeter Replacement Units (8)	$55,000				
TTHM Analyzer	$40,000				
Distribution Truck w/Crane	$30,000	$25,000	$25,000		
Electrician Truck	$30,000		$40,000		
Front Loader w/Brush Hog	$20,000				
Office Copier	$8,000				
Computer Equipment	$3,000	$3,000	$3,000	$3,000	$3,000
Spare High Service Pump		$75,000			
Backhoe		$65,000			
Spare Raw Water Motor		$60,000		$60,000	
Plant Optimization Study		$45,000			
SUB-TOTALS	**$3,925,910**	**$633,000**	**$83,000**	**$78,000**	**$18,000**

The Western Canyon Project, including the Water Treatment Plant and transmission system became operational during FY 2006. Today, the system continues to expand to provide water and wastewater services to several communities in Comal and Kendall counties.

Capital improvements for FY 2017 include a $3,304,910 work authorization which represents the anticipated costs of infrastructure to mitigate disinfection by-products. Also included is the upgrading the Western Canyon WTP SCADA System, and the continuation of the SCADA/Membrane system upgrade to an Ignition system. The purchase of a TTHM analyzer, to monitor THM levels at our water distribution sites. The ongoing 4 year replacement of membrane filters on two complete membrane racks per year. The replacement of the rack mounted laser track turbidimeters. These meters are required by TCEQ for continuous water quality monitoring in each membrane rack. The current model of meters in use have not been produced in several years, therefore, repair parts are almost unavailable in the market. The new model units will not be available until the end of 2016. The purchase of a truck equipped with a crane for the expanding water distribution and wastewater systems, and the replacement of a truck for the electrician. Additionally, an office copier machine to replace the almost 10 years old machine currently in use, a used front loader with a brush hog & replacement of aging computer equipment are anticipated.

Capital Improvements

Western Canyon Division (cont.)

DESCRIPTION	2017	2018	2019	2020	2021
Cordillera Ranch WDS:					
Replacement Tank for Unit 104	$20,000				
Installation of 12 inch valve on Rio Cordillera	$10,000				
New Joe Klar Pump Station Ground Storage Tank		$150,000			
Study for Joe Klar Pump Station Ground Storage Tank		$25,000			
SUB-TOTALS	**$30,000**	**$175,000**	**$ 0**	**$ 0**	**$ 0**

Within the Cordillera Ranch Water System, GBRA is responsible for operating and maintaining the distribution system, wells and Joe Klar and 104 pump stations.

Capital improvements projected in FY 2017 are the costs associated with installation of a Ground Water Storage Tank in Unit 104 and the $10,000 cost of installing a 12 inch valve on Rio Cordillera in FY 2017. The funds to pay the cost of these improvements are received from customer monthly water fee revenues.

Capital Improvements

Western Canyon Division (cont.)

DESCRIPTION	2017	2018	2019	2020	2021
Cordillera Ranch WWTP:					
Tank Cover Replacements	$20,000				
Used Vacuum Trailer		$15,000	$15,000	$15,000	
SUB-TOTALS	**$20,000**	**$15,000**	**$15,000**	**$15,000**	**$ 0**

Within the Cordillera Ranch WWTP & Collection System, GBRA is responsible for operating and maintaining the home grinder unit system, collection lines, and lift station.

The capital improvements in FY 2017 are the purchase of tank cover replacements. Additionally, a lease purchase of a vacuum trailer to be towed by GBRA trucks is anticipated to be spread over a three year period beginning in FY 2018. This vacuum trailer is to facilitate the cleaning of installed home grinder units. The funds to pay the cost of these improvements are received from customer monthly sewer fee revenues.

Capital Improvements

Western Canyon Division (cont.)

DESCRIPTION	2017	2018	2019	2020	2021
Comal Trace WDS:					
Pressure Reducing Valve Installation (2)	$12,000				
Upgrade Booster Pump Station		$15,000			
SUB-TOTALS	**$12,000**	**$15,000**	**$ 0**	**$ 0**	**$ 0**

Within the Comal Trace Water System, GBRA is responsible for operating and maintaining the distribution system, wells and the Highway 46 pump station.

Capital improvements projected for the five-year period are $15,000 to install two pressure reducing valves in FY 2017. And in FY 2018 upgrading the booster pump station is expected to cost $15,000. The funds to pay the cost of these improvements are received from customer monthly water fee revenues.

Capital Improvements

Western Canyon Division (cont.)

DESCRIPTION	2017	2018	2019	2020	2021
Johnson Ranch WDS:					
Upgrade SCADA			$15,000		
SUB-TOTALS	**$ 0**	**$ 0**	**$15,000**	**$ 0**	**$ 0**

Within the Johnson Ranch Water System, GBRA is responsible for operating and maintaining the distribution system and pump stations. This system is new.

Capital improvements projected for the five-year period are $15,000 for the cost of upgrading SCADA in FY 2019. There are no anticipated Capital Improvements in FY 2017 and 2018 because of the newly installed distribution system and pump stations. The funds to pay the cost of capital improvements are received from customer monthly water fee revenues.

Capital Improvements

Western Canyon Division (cont.)

DESCRIPTION	2017	2018	2019	2020	2021
Johnson Ranch WWTP:					
Upgrade SCADA			$15,000		
SUB-TOTALS	**$ 0**	**$ 0**	**$15,000**	**$ 0**	**$ 0**

Within the Johnson Ranch Wastewater System, GBRA is responsible for operating and maintaining the collection system and lift stations. This is a new system.

Capital improvements projected for the five-year period are $15,000 for the cost of upgrading SCADA in FY 2019. There are no anticipated Capital Improvements in FY 2017 because of the newly installed wastewater treatment plant, collection system and lift stations. The funds to pay the cost of these improvements are received from customer monthly water fee revenues.

Capital Improvements

Western Canyon Division (cont.)

DESCRIPTION	2017	2018	2019	2020	2021
Bulverde Singing Hills WWTP:					
Upgrade SCADA			$15,000		
SUB-TOTALS	**$ 0**	**$ 0**	**$15,000**	**$ 0**	**$ 0**

Within the Singing Hills Wastewater System, GBRA is responsible for operating and maintaining the collection system and lift stations. This is a new system.

Capital improvements projected for the five-year period are $15,000 for the cost of upgrading SCADA in FY 2019. There are no anticipated Capital Improvements in FY 2017 because of the newly installed wastewater treatment plant, collection system and lift stations. The funds to pay the cost of these improvements are received from the City of Bulverde.

Capital Improvements

Western Canyon Division (cont.)

DESCRIPTION	2017	2018	2019	2020	2021
Park Village WWRS					
None					
SUB-TOTALS	**$ 0**	**$ 0**	**$ 0**	**$ 0**	**$ 0**

Within the Park Village Wastewater Reclamation System, GBRA is responsible for operating and maintaining the collection system and lift stations. This is a new system therefore no capital improvements are projected for the five-year period.

Capital Improvements

Western Canyon Division (cont.)

DESCRIPTION	2017	2018	2019	2020	2021
Four S Ranch WWRS					
None					
SUB-TOTALS	**$ 0**	**$ 0**	**$ 0**	**$ 0**	**$ 0**
TOTALS WESTERN CANYON DIVISION	**$3,987,910**	**$838,000**	**$143,000**	**$93,000**	**$18,000**

Within the Four S Ranch Wastewater Reclamation System, GBRA is responsible for operating and maintaining the collection system and lift stations. This is a new system therefore no capital improvements are projected for the five-year period.

Capital Improvements

Port Lavaca WTP Division

DESCRIPTION	2017	2018	2019	2020	2021
Trihalomethane Mitigation	$286,025	$203,810		$18,000	
Clearwell #1Repair/Raze		$650,000			
Bleach System		$45,000	$45,000		
Spill Pads for Clearwell		$12,000			
Security System		$3,600	$3,600		
Sludge Rakes to Stainless			$140,000		
High Service Piping and Valves			$74,000		
Basin Wind Control			$60,000		
Flocculators to Stainless				$150,000	
Building Siding and Roof				$75,000	
Rock Reservoir Erosion Control				$60,000	
Septic System				$8,000	
Expand Plant 6.0 mgd to 7.2 mgd					$4,700,000
Filter Covers					$30,000
TOTALS	**$286,025**	**$914,410**	**$322,600**	**$311,000**	**$4,730,000**

Disposition regarding the old steel clearwell continues to focus on safety and stability for the short term while discussions are held with wholesale customers. Cathodic protection has been installed to reduce corrosion. At some point in the future, another storage tank will be needed to pull down the current one for inspection, cleaning and any necessary repairs.

Conversion from gaseous chlorine to liquid bleach as a disinfectant would improve the plant's safety posture for customers and staff. The revised formula for customer demand and total plant demand, based on data analysis and approved by the TCEQ, has reduced the need in the immediate future for consideration of a plant expansion.

Building security is a concern and surveillance and limiting access to a reasonable degree will improve the safety posture.

The City of Port Lavaca, the Calhoun County Rural Water Supply Corporation, and the Port O' Connor Municipal Utility District reimburse the capital improvement expenditures made by the Port Lavaca Water Treatment Plant Division of GBRA.

Capital Improvements

Calhoun County RWS Division

DESCRIPTION	2017	2018	2019	2020	2021
Six Mile Station Improvements	$16,000	$200,000	$200,000		
North Ocean Drive Upgrade	$12,000				
Two Automatic Flush	$6,000				
CVWWTP Replacement		$250,000			
Bay Meadows Expansion	DEFERRED	$23,000	$22,000		
Tanner Lane		$4,000			
Bauer Road Project				$12,000	
Crestview Emergency Generator				$12,000	
Equipment Building				$10,000	
Crestview SCADA				$5,000	
Main Pump Station					$100,000
Expansion Highway 238					$40,000
Saddle Horn Extension					$40,000
FM 1090 Addition (Cain etal)					$25,000
Green Lake Survey					$25,000
Shady Acres					$25,000
Long Mott Road Extension					$15,000
TOTALS	**$34,000**	**$477,000**	**$222,000**	**$39,000**	**$270,000**

The purchase of property at the Six Mile Station is scheduled to be completed in 2017 to provide room for expanding the station in order to serve an expanding customer base in that area. Additional funding is shown for implementing improvements at the Six Mile Pump Station as well as the distribution system in the Six Mile area. A larger generator is needed for more reliable emergency operations at the Crestview wastewater plant along with SCADA monitoring of this remote site. Completion of the Tanner Lane loop is an economical addition and will eventually make an expansion of Bauer Road more feasible. However, Highway 238, Long Mott Road and other expansions are noted but continue to be deferred, due to more pressing expenses or low customer density. In-house waterline projects have been utilized with good success to expand service in a cost-effective manner.

Improvements will be funded by a combination of customer revenues and tap and membership fees. Cash reserves acquired from the sale of assets in Port O'Connor in 2000 have been preserved to a reasonable extent, and provide backing for unexpected expenses.

Capital Improvements

Coleto Creek Division

DESCRIPTION	2017	2018	2019	2020	2021
Coleto Creek Reservoir:					
Replacement Vehicle (unit 91)		$22,000			
Main Dam Service Road Repairs			$45,000		
Replacement Vehicle (unit 90)			$25,000		
Replacement Tractor (Kubota)				$45,000	
Replacement Dike 2 Generator				$15,000	
Replacement Dike 1Generator					$15,000
SUB-TOTALS	**$ 0**	**$22,000**	**$70,000**	**$60,000**	**$15,000**

There are no Capitol Additions included in the FY 2017 Budget.

Coleto Creek Power, LP, the current owner of the power plant located adjacent to the Coleto Creek Reservoir formerly owned by Central Power & Light Company (CP&L), for whom GBRA operates the cooling reservoir, reimburses funds for reservoir equipment purchases.

Capital Improvements

Coleto Creek Division (cont.)

DESCRIPTION	2017	2018	2019	2020	2021
Coleto Creek Recreation:					
Educational/Outdoor Learning Center	$100,000				
Campground Upgrades Loop #1 & #2	$25,000			$25,000	
Replace Loop#1 Restroom Roof	$25,000				
Commercial Grounds Mower	$10,000				
Replacement Truck		$20,000			
Add Camping Cabin		$15,000			$15,000
Replace Loop #2 Restroom			$85,000		
Replace Playgrounds			$20,000		
SUB-TOTALS	**$160,000**	**$35,000**	**$105,000**	**$25,000**	**$15,000**
TOTALS COLETO CREEK DIVISION	**$160,000**	**$57,000**	**$175,000**	**$85,000**	**$30,000**

In FY 2017 the park plans to construct an Environmental Learning Center at the Coleto Creek Nature Preserve at a projected cost of $100,000; replace 35 year old roof on Camping Loop #1 Restroom at a projected expense of $25,000, replace worn out commercial grounds mower at a projected costs of $10,000; and upgrade the 35 year old campsite electrical system in Camping Loop #1 to 50 amp service at a projected expense of $25,000. In FY 2018 the park plans to add another camping cabin at a cost of $15,000, and replace the Park's Toyota Tacoma work truck at a proposed expense of $20,000. In FY 2019, the park plans to replace the playground in the Camping Loop #2 which will be over 25 years old at a projected expense of $20,000; and replace at a projected expense of $85,000 the existing mobile home style restroom in Camping Loop #2 which has reached the end of its service life. In FY 2020 the park plans to upgrade the campsite electrical system in Camping Loop #2 to 50 amp service at a projected expense of $25,000. And in FY 21 the park plans to add another camping cabin at a projected cost of $15,000. Improvements and equipment purchases are proposed to be funded through park fees collected, short term loans as needed, and park grants if available.

Capital Improvements

Luling WTP Division

DESCRIPTION	2017	2018	2019	2020	2021
Mower	$9,500				
SCADA System Networking		$30,000			
Replace Filter Isolation Valves & Framework		$22,000			
Rebuild High Service Pump Station Walls			$25,000		
Replace Fence & Gate			$21,000		
Replace (2) Clarifier Turntables				$70,000	
Replace High Service & Raw Water Pump MCC & Building					$130,000
TOTALS	**$9,500**	**$52,000**	**$46,000**	**$70,000**	**$130,000**

The only improvement anticipated for FY 2017 is the purchase of a $9,500 commercial grade mower to replace a 15 year old mower. GBRA uses this mower to maintain the grounds in and around the plant as well as the property near the raw water intake station. The ongoing grounds maintenance program better assures the operability of the plant as well as the safety and security of the plant and plant personnel.

FY 2018 improvements include upgrades to existing SCADA System Networking projected to cost $30,000, and replacement of filter isolation valves and frameworks at a cost of $22,000. In FY 2019 replacement of security fencing around top half of plant grounds, and replace the walls on the high service pump station are planned. Included in the plan for FY 2020 is the replacement of two clarifier turntable drives at an estimated cost of $70,000.

The City of Luling and the City of Lockhart, for which GBRA provides water treatment service, reimburses capital improvement expenditures made by the Luling Water Treatment Plant Division as well as any debt service related to capital improvements. Due to the significance of many of these capital improvements, some of them will be financed thru five to ten year bank loans in order to avoid significant budget fluctuations.

Capital Improvements

Canyon Hydroelectric Division

DESCRIPTION	2017	2018	2019	2020	2021
Penstock Manhole	$55,000				
TOTALS	**$55,000**	**$ 0**	**$ 0**	**$ 0**	**$ 0**

The capital improvement for FY 2017 is a work authorization in the amount of $55,000 related to work in and around the Penstock. The Penstock is the conduit which diverts water from the dam's normal outlet structure over to the hydroelectric plant. Specifically in FY 2017, 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.

Capital improvement expenditures made by the Canyon Hydroelectric Division are reimbursed by New Braunfels Utilities (NBU) through energy sales.

Capital Improvements

Lockhart Division

DESCRIPTION	2017	2018	2019	2020	2021
Lockhart WWTP:					
Chlorine Room/Cylinder Pad	$15,000				
Upgrade UV Disinfection – FM 20		$220,000			
Septic Receiving Station		$125,000	$125,000	$125,000	
Maintenance Truck w/Hoist		$45,000			
SCADA		$20,000	$20,000	$20,000	$20,000
Office Expansion- FM20			$100,000		
Rebuild Blower Room- Larremore			$100,000		
Effluent Filtration System- FM20				$1,000,000	
Replacement Truck					$30,000
SUB-TOTALS	**$15,000**	**$410,000**	**$345,000**	**$1,145,000**	**$50,000**

The division foresees several small capital additions during the next five years. Also large capital additions, generally more than $50,000, will be incurred during the five-year period. Prior to large purchases, GBRA consults with the City of Lockhart and utilizes bank loans to finance large capital additions in order to avoid significant budget fluctuations.

Anticipated for FY 2017 is the installation of a chlorine room/cylinder pad in the amount of $15,000. With the continued increase in septage receipts, it has become more critical to begin to enhance and upgrade our receiving station.

The City of Lockhart, for which GBRA provides service, reimburses capital improvement expenditures made by this division as well as any debt service related to capital improvements.

Capital Improvements

Lockhart Division (cont.)

DESCRIPTION	2017	2018	2019	2020	2021
Lockhart WTP:					
Upgrade Plant Electrical System	DEFERRED	$120,000	$120,000	$120,000	
Rebuild Backwash Pump		$40,000			
Replace AR Valves Transmission Line		$25,000			$25,000
Rebuild Transfer Pump # 3		$20,000			
Rebuild Booster Pumps # 1 & 2		$17,000			
Monitoring System (Well #9)			$30,000		
Replacement Truck				$30,000	
Replacement ATV					$15,000
SUB-TOTALS	**$ 0**	**$222,000**	**$150,000**	**$150,000**	**$40,000**
TOTALS LOCKHART DIVISION	**$15,000**	**$632,000**	**$495,000**	**$1,295,000**	**$90,000**

The most significant capital improvement costs during the next five years relate to upgrading the electrical system at the water treatment plant. This project, scheduled to start in FY 2018 and continue through 2020, will replace electrical panels and wiring installed during the various plant expansions and bring the electrical system up to current code for safety reasons.

The City of Lockhart, for which GBRA provides service, reimburses capital improvement expenditures made by this division as well as any debt service related to capital improvements.

Deferred Projects and Capital Improvement Items

As in previous years, some divisions of GBRA have inadequate manpower or financial resources to undertake all of the programs envisioned in their tactical objectives. The reasons for this vary with the circumstances of each division but can include limited customer growth, to the other extreme of rapidly accelerating demand for services thereby causing other projects to lose priority.

If circumstances change during FY 2017 whereas labor or financial resources are available to undertake the below listed programs, they may be brought to the GBRA Board of Directors for their consideration at that time.

General Division

1. Installation of Wheelchair Ramp	$25,000
Subtotal	$25,000

Guadalupe Valley Hydroelectric Division

1. H-4 Spillgate Structural Repairs	$300,000
2. Rehabilitate Hydro Retainer Gates	150,000
3. Paint a Power House	60,000
4. Generator Vacuum Breaker	16,000
Subtotal	$526,000

Shadow Creek WWTP

1. Vacuum Trailer	$65,000
Subtotal	$65,000

Springs Hill WWTP

1. Open Channel Raw Structure	$95,000
2. Land for Plant Expansion	17,100
Subtotal	$112,100

Water Sales System

1. Campsite Additions – Lake Wood Recreation	$27,000
Subtotal	$27,000

Calhoun Canal

1. Steinburg Canal Viability Study	$6,000
Subtotal	$6,000

Calhoun County Rural Water System Division

1. Bay Meadows Expansion	$23,000
Subtotal	$23,000

Lockhart Division

1. Upgrade Plant Electrical System	$120,000
Subtotal	$120,000

GRAND TOTAL **$904,100**

Budget Summary

Division: **Guadalupe-Blanco River Authority**

Description

The Guadalupe-Blanco River Authority (GBRA) is a political subdivision of the State of Texas, created in 1935 by an act of the Texas Legislature (Vernon's Civil Statutes, Article 8280-106). GBRA was established to develop, conserve and protect the water resources of the Guadalupe River basin. Its statutory district begins near the headwaters of the Guadalupe and Blanco rivers, ends at San Antonio Bay, and includes Kendall, Comal, Hays, Caldwell, Guadalupe, Gonzales, DeWitt, Victoria, Calhoun, and Refugio counties.

Organizational Goals

1. **Public Communication & Education Priority**
   - Objective 1: Enhance communication & education programs.
   - Objective 2: Strengthen ties to customers.
   - Objective 3: Increase public involvement and identification.

2. **Human Resource Priority**
   - Objective 1: Identify and plan for staffing needs.
   - Objective 2: Use the Human Resources Department more effectively.
   - Objective 3: Periodically review the employee performance assessment process.
   - Objective 4: Initiate succession planning & enhance knowledge and expertise of supervisory staff.
   - Objective 5: Update HR policies for effectiveness.
   - Objective 6: Review and enhance employee benefit programs.

3. **Financial Resources Policy**
   - Objective 1: Conduct rate reviews to bring rates in line with project needs.
   - Objective 2: Explore grant opportunities.
   - Objective 3: Identify financial reserve goals.
   - Objective 4: Review budget policy.
   - Objective 5: Update and rewrite the Five Year Financial Plan.
   - Objective 6: Encourage retail operations.

4. **Project and Program Development**
   - Objective 1: Undertake and complete needed studies in a timely manner.
   - Objective 2: Complete planning and seek permit amendments for new initiatives.
   - Objective 3: Finish design and construction on facilities and projects spanning up to the next 10 years.
   - Objective 4: Research and develop new areas for growth in water operations.

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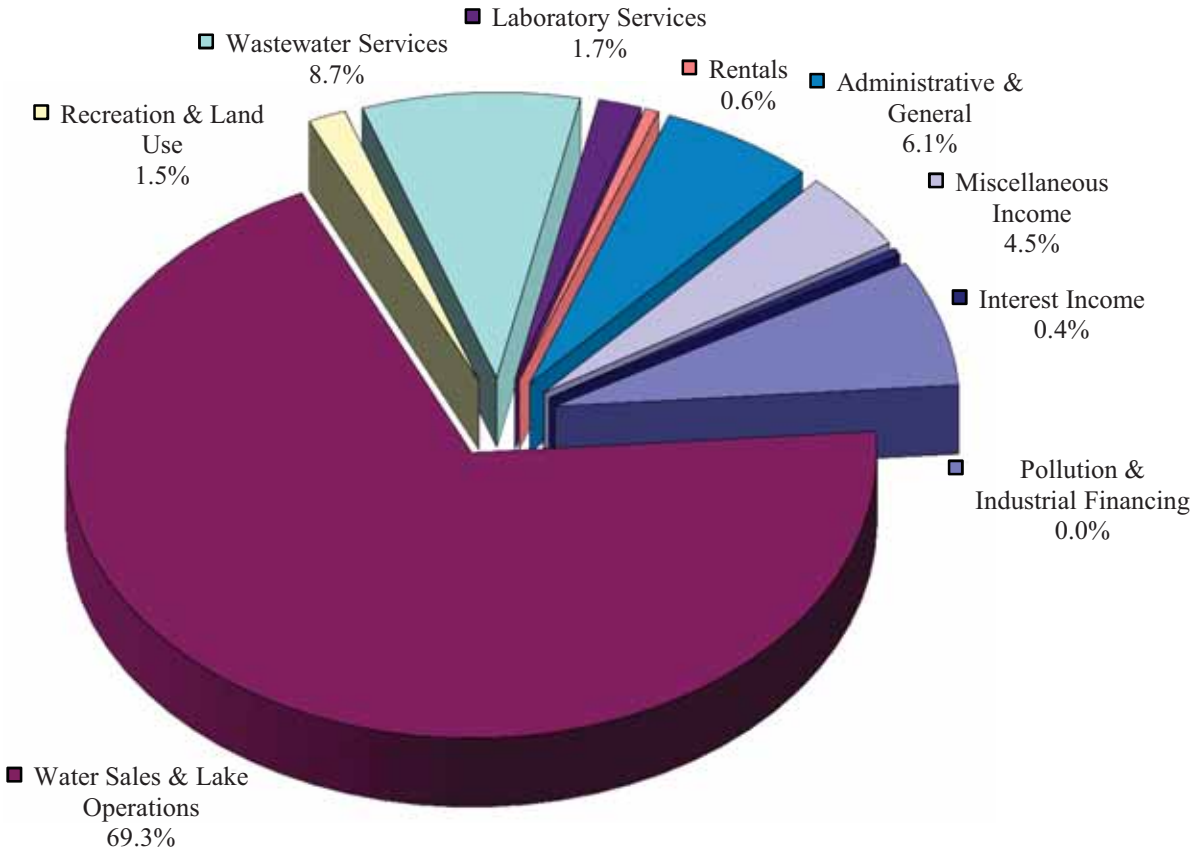
Budget Summary

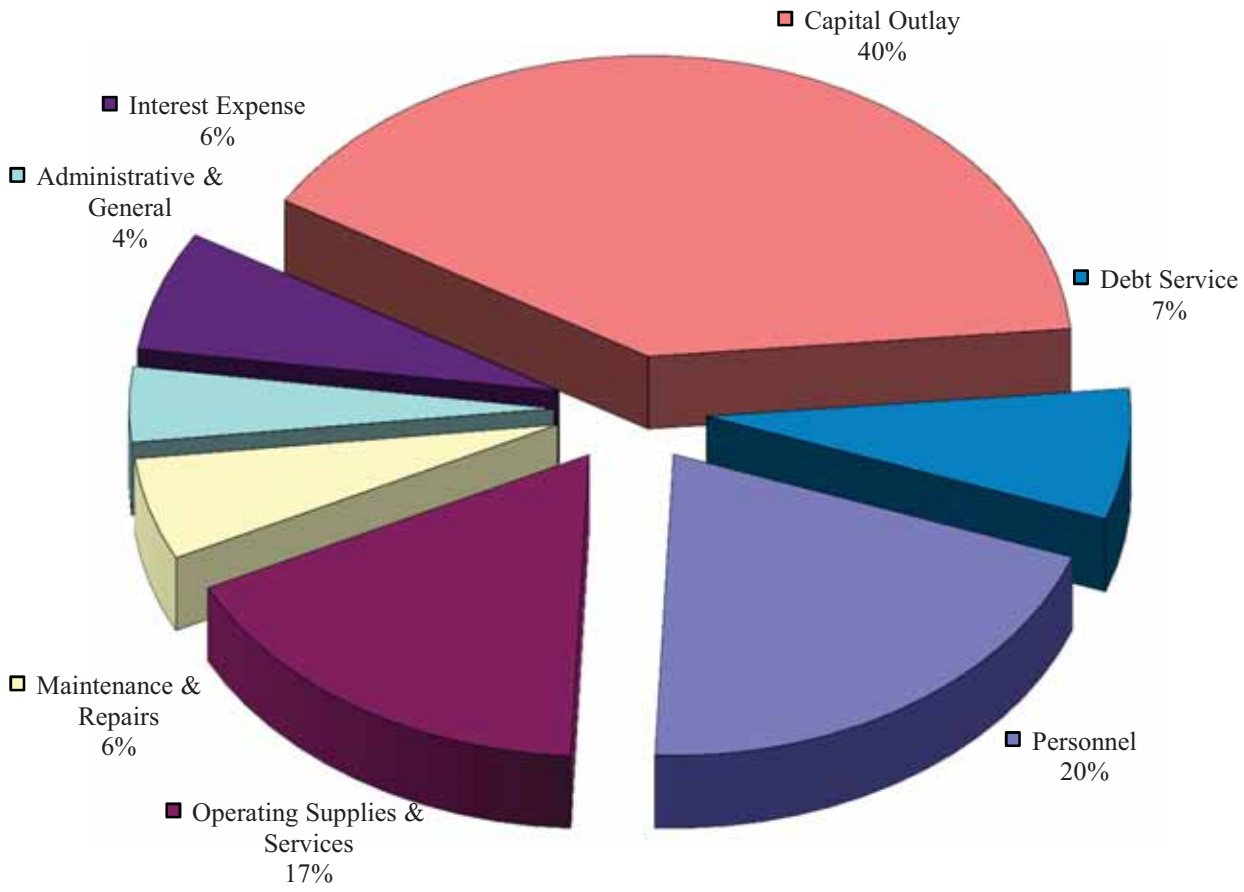
REVENUES



Revenues	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Power Sales	2,914,459	3,803,316	3,858,128
Water Sales & Lake Operations	35,235,778	35,666,612	37,406,353
Recreation & Land Use	769,951	807,589	812,000
Wastewater Services	4,070,855	4,839,362	4,689,649
Laboratory Services	914,476	890,000	930,000
Rentals	370,317	317,083	298,280
Administrative & General	2,788,639	3,142,983	3,314,943
Miscellaneous Income	2,598,724	2,347,586	2,434,960
Total Operating Revenue	**49,663,199**	**51,814,531**	**53,744,313**
Interest Income	124,228	128,574	226,792
Total	**49,787,427**	**51,943,105**	**53,971,105**

Budget Summary

EXPENSES



Expenses	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Personnel	13,119,588	14,225,959	15,493,839
Operating Supplies & Services	15,180,858	14,794,938	13,088,383
Maintenance & Repairs	3,436,488	3,887,138	4,231,327
Administrative & General	2,683,607	2,868,938	3,111,278
Total Operating Expenses	**34,420,541**	**35,776,973**	**35,924,827**
Interest Expense	4,553,127	4,934,974	4,952,491
Capital Outlay	1,393,670	1,504,643	30,666,414
Debt Service	6,777,964	5,742,911	5,407,848
Grand Total Expenses	**47,145,302**	**47,959,501**	**76,951,581**

GUADALUPE-BLANCO RIVER AUTHORITY
CONSOLIDATED - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
POWER SALES:			
POWER SALES	2,303,556	2,358,368	54,813
FACILITY CHARGE	1,500,000	1,500,000	
CREDIT-OPER. INTEREST EARNINGS	(240)	(240)	
Total POWER SALES	**3,803,316**	**3,858,128**	**54,813**
WATER SALES & LAKE OPERATIONS:			
WATER SALES	4,938,167	5,236,360	298,193
PLANT O&M EXPENSES	5,529,529	5,662,788	133,259
ADMINISTRATIVE & GENERAL	988,656	979,323	(9,333)
WATER SALES-INEOS NITRILES G.L	219,933	223,582	3,650
R/W-RAW WATER PURCHASE	150,761	156,978	6,216
R/W-WATER TREATMENT	47,104	49,496	2,392
WATER SALES-1ST CROP	104,000	123,500	19,500
WATER SALES-2ND CROP RICE	10,000	10,000	
WATER SALES-OTHER	18,000	18,000	
WATER SALES-SPRINKLER IRRIGAT	27,000	27,000	
CREDIT INTEREST EARNINGS	407,117	427,344	20,227
R/W-PLANT O&M INCOME	150,211	162,061	11,850
R/W-PLANT A&G INCOME	47,079	48,111	1,032
R/W-ADDS. TO PLANT & EQUIP	292,750	339,800	47,050
WATER SALES-POC ID	16,178	16,582	404
WATER SALES-CATFISH FARM	53,651	55,933	2,282
W/S UNION CARBIDE	13,458	14,142	683
WATER SALES-EXELON	34,723	36,486	1,763
W/S STRUCTURAL METALS	94,208	98,992	4,783
W/S NEW BRAUNFELS UTIL.	1,308,150	1,374,570	66,420
W/S CRYSTAL CLEAR WSC	107,667	113,133	5,467
W/S GOLF CLUB OF SEGUIN	3,365		(3,365)
W/S CANYON REGIONAL W.A.	1,608,578	1,680,841	72,262
W/S CANYON LAKE W.S.C.	861,333	905,067	43,733
W/S CITY OF SAN MARCOS	1,345,833	1,414,167	68,333
W/S GUADALUPE POWER,L.P.	920,550	967,290	46,740
W/S CITY OF KYLE	732,537	769,731	37,194
W/S GO FORTH WSC	134,583	141,417	6,833
W/S CITY OF BUDA WTC	331,613	348,451	16,837
W/S CITY OF FAIR OAKS	248,979	261,621	12,642
W/S SAN ANTONIO WTR. SYS.	950,084	991,084	41,000
W/S CITY OF BOERNE	485,980	510,656	24,675
W/S GBRA - COMAL TRACE	6,729	7,071	342
W/S SAN JOSE-PARK VILLAGE	43,336	45,536	2,200
W/S JACQUELYN COUSER	13,458	14,142	683
W/S BREMER RANCH, LTD	13,458	14,142	683
W/S CITY OF BLANCO	80,750	84,850	4,100

GUADALUPE-BLANCO RIVER AUTHORITY
CONSOLIDATED - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
W/S FORESIGHT	39,029	41,011	1,982
W/S CORDILLERA RANCH, LTD.	201,875	212,125	10,250
W/S KENDALL CUC/TAPATIO SPRGS	100,938	106,063	5,125
W/S CITY OF BUDA	226,100	237,580	11,480
W/S D.H.INV-JOHNSON RANCH	121,125	127,275	6,150
W/S GOFORTH WSC	192,993	202,792	9,799
W/S H H RANCH PROPERTIES	33,646	35,354	1,708
W/S SUNFIELD	370,373	389,179	18,805
W/S MONARCH UTILITIES, LP	75,367	79,193	3,827
W/S LERIN DEVELOPMENT CO. INC	100,938	106,063	5,125
SMWTP CHARGES-KYLE	318,930	278,096	(40,834)
SMWTP CHARGES-GOFORTH WSC	105,142	194,176	89,034
SMWTP CHARGES-CITY OF BUDA	87,618	102,334	14,716
SMWTP CHARGES-MONARCH WSC	78,856	83,308	4,452
O&M RRWDS PIPELINE TRANSM.	916,499	1,280,090	363,591
O&M GPP PIPELINE TRANSM.	478,234	531,009	52,775
O&M IH35 P/L TRNSM-KYLE	203,940	160,946	(42,994)
O&M IH35 P/L TRNSM-GOFORTH	67,232	112,377	45,145
O&M-IH35 TWDS-BUDA	56,028	59,225	3,197
O&M IH35 P/L TRNSM-MONARCH	50,424	48,214	(2,210)
CREDIT-MISC. REVENUE	55,156	112,380	57,224
DEBT SERV REQ-INTEREST	166,066	166,377	311
DEBT SERVICE REQUIREMENTS	1,660,660	1,663,769	3,109
PL-DEBT SERVICE	55,054		(55,054)
R/W-DEBT SERVICE	28,687	26,205	(2,482)
PL-CREDIT-INT EARN.I&S FD	(300)		300
DEBT SERV REQ-WESTERN CANYON	5,322,716	5,320,519	(2,197)
DEBT SERV REQ-IH35	1,320,999	1,312,461	(8,538)
ADDS. TO PLANT AND EQUIP.	81,309	203,810	122,501
DEBT SERVICE - LU/LO PROJECT	408,572	407,000	(1,572)
POC-RAW WATER PURCHASES	15,182	16,583	1,401
POC-PLANT O&M INCOME	160,026	148,090	(11,936)
POC-PLANT A&G INCOME	19,819	17,055	(2,764)
POC-DEBT SERVICE	37,601	35,079	(2,522)
Old-Lu/Lo Debt Coverage Factor	3,622	46,222	42,600
DEBT COV. FACTOR-LU/LO PROJECT	40,855	40,704	(151)
LU/LO TREATMENT PLT CHRGS	523,436	511,645	(11,791)
W/S-LU/LO DELIVERY SYSTEM	143,429	155,902	12,473
CONTRA-SMWTP CHARGES	(541,072)	(561,099)	(20,027)
Total WATER SALES & LAKE OPERATIONS	**35,666,612**	**37,339,353**	**1,672,741**
RECREATION & LAND USE:			
RECREATION FEES	658,500	673,000	14,500
HUNTING REVENUES	149,089	139,000	(10,089)

GUADALUPE-BLANCO RIVER AUTHORITY
CONSOLIDATED - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total RECREATION & LAND USE	**807,589**	**812,000**	**4,411**
WASTEWATER SERVICES:			
PLANT O&M EXPENSES	3,757,977	4,218,111	460,133
ADMINISTRATIVE & GENERAL	167,899	170,391	2,492
SERVICE FEES-CITY OF SEGUIN	285,234	285,087	(147)
CREDIT INTEREST EARNINGS	(360)	(360)	
CREDIT MISC. REVENUES	(300,160)	(300,160)	
CREDIT INT ON I & S FUNDS	(1,080)	(450)	630
DEBT SERVICE REQUIREMENTS	650,702	273,330	(377,372)
ADDS. TO PLANT AND EQUIP.	279,150	43,700	(235,450)
Total WASTEWATER SERVICES	**4,839,362**	**4,689,649**	**(149,714)**
LABORATORY SERVICES:			
LAB FEES - OPERATING	890,000	930,000	40,000
Total LABORATORY SERVICES	**890,000**	**930,000**	**40,000**
RENTALS:			
BUILDING RENTAL	33,943	12,384	(21,559)
LEASE REVENUES	76,000	80,000	4,000
EQUIP AND BUILDING	13,620	14,080	460
RENTALS - AG LEASES	1,600	1,400	(200)
OFFICE EXPAN. BLDG RENTAL	191,920	190,416	(1,504)
Total RENTALS	**317,083**	**298,280**	**(18,803)**
ADMIN & GEN INCOME:			
A & G - OPERATIONS	2,873,910	3,124,101	250,191
A & G - PROJECT DEVELOP.	269,073	190,842	(78,231)
Total ADMIN & GEN INCOME	**3,142,983**	**3,314,943**	**171,960**
MISCELLANEOUS INCOME:			
PASS THROUGH ELEC. COSTS	379,524	379,524	
SM GRNDWTR PASS THRU ELEC COST	109,186	109,186	
PASS THROUGH CHEM COSTS	274,376	307,701	33,325
SM GRNDWTR PASS THRU CHEM COST	17,236	15,736	(1,500)
PASS THROUGH INSURANCE	41,400	41,400	
PASS THROUGH L.O.C	9,393	9,332	(61)
PASS THROUGH INSPECTION FEES	50,000	60,000	10,000
SERVICE INCOME-MINI MART	422,153	342,944	(79,209)
SEWER CONNECT/INSPECT FEE-CO	192,110	193,433	1,323
CHARGES TO DEVELOPERS	60,591		(60,591)
RENEWABLE ENERGY CREDIT SALES	16,956	22,000	5,044

GUADALUPE-BLANCO RIVER AUTHORITY
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FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
DONATIONS/SPONSORSHIPS/GRANTS		121,000	121,000
CAPITAL RECOVRY FEE-CANAL	3,600		(3,600)
CAPITAL RECOVRY FEE-RURAL WTR	3,600		(3,600)
HYDRO MODIFICATION PERMITS	18,000	21,000	3,000
CONCESSION/EVENTS REVENUE	21,000		(21,000)
MISCELLANEOUS REVENUES	672,397	753,904	81,507
CRESTVIEW TAP FEES	3,264	5,000	1,736
TAP FEES	24,000	24,000	
MEMBERSHIP FEES	28,800	28,800	
Total MISCELLANEOUS INCOME	**2,347,586**	**2,434,960**	**87,374**
TOTAL OPERATING REVENUES	**51,814,531**	**53,677,313**	**1,862,782**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	1,780,972	2,012,951	231,979
SUPERVISION	2,342,943	2,446,579	103,636
LABOR	3,803,641	4,074,281	270,640
Total OPERATING SALARIES & WAGES	**7,927,555**	**8,533,811**	**606,255**
DIRECTOR'S FEES & EXPENSES:			
DIRECTORS' FEES	27,000	27,000	
DIRECTORS' EXPENSES	25,000	25,000	
DIR. FEES-LEGISLATIVE ADV	500	500	
DIR. EXPS-LEGISLATIVE ADV	500	500	
DIRECTORS' ADM. EXPS.	17,500	17,500	
Total DIRECTOR'S FEES & EXPENSES	**70,500**	**70,500**	
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	121,404	124,813	3,409
TRAVEL-LEGIS.ADVOCACY	100	200	100
TRAVEL - WATER QUALITY	3,000	3,000	
TRAVEL EXP - NWRA	15,000	15,000	
TRAVEL EXP - TWCA	15,000	19,000	4,000
TRAVEL-SAMPLE PICKUP	1,500	3,000	1,500
EMPLOYEE BENEFITS	4,013,378	4,418,630	405,252
Total EMPLOYEE EXPENSES & BENEFITS	**4,169,382**	**4,583,643**	**414,261**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	210,098	209,240	(858)
AUTO OPERATING EXPENSES	24,000	21,000	(3,000)
BUILDING RENTAL	207,696	174,652	(33,044)

GUADALUPE-BLANCO RIVER AUTHORITY
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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
EQUIPMENT RENTAL	5,800	69,018	63,218
RIGHT-OF-WAY RENTALS	10,860	10,800	(60)
OFFICE RENTAL & EXPENSES	25,000	25,000	
SAN ANTONIO BAY FOUNDATION EXP	75,000	25,000	(50,000)
GUADALUPE RIVER FOUNDATION EXP	5,000	3,000	(2,000)
ECONOMIC DEVELOPMENT	70,000	75,000	5,000
GBR TRUST EXPENSE	74,000	40,000	(34,000)
PUBLIC INFORMATION	21,780	28,378	6,598
LEGISLATIVE ADVOCACY	5,000	2,500	(2,500)
GOVERNMENT RELATIONS	5,000	5,000	
CHAMBER OF COMMERCE	35,000	35,000	
PC-MEDIA EXPENSES	6,000	8,000	2,000
PC-ED/CONSV PROJ.MATERIAL	30,000	35,000	5,000
PC-COMMUNITY REL/SPONSORS	15,000	15,000	
PC-SPECIAL PROJECTS	32,000	32,000	
PC-ANNUAL FINANCIAL REPORT	20,000	20,000	
PC-RIVER RUN MAGAZINE	20,000	15,000	(5,000)
PC-PECAN FEST	7,500	8,500	1,000
PC-PROMOTIONAL MATERIAL	5,000	7,500	2,500
DUES AND MEMBERSHIPS	42,045	41,610	(435)
DUES-LEGISLATIVE ADVOCACY	6,500	3,000	(3,500)
PUBLICATIONS AND BOOKS	18,455	18,980	525
SMALL TOOLS EXPENSE	43,590	43,410	(180)
TRACTORS AND EQUIPMENT	40,764	42,184	1,420
BOAT OPERATING	324	324	
EMPLOYEE RELATIONS	20,000	20,000	
EMP VOLUNTEER PROGRAM	35,000	20,000	(15,000)
WATER METERS	21,500	10,000	(11,500)
UNIFORMS AND LAUNDRY	58,723	66,746	8,023
PROCESS/SPECIAL OPERATING	247,340	189,880	(57,460)
TRANSMISSION CHARGES	56,160	56,160	
BIOSOLIDS DISPOSAL COSTS	471,000	558,000	87,000
OUTSOURCED LAB ANALYSES	50,000	30,000	(20,000)
BAD DEBT EXPENSE	5,600	5,800	200
GAUGING/MONITORING	220,176	236,648	16,472
TRAINING EXPENSES	122,556	126,276	3,720
LAB EMPLOYEE RETENTION EXPENSE	1,000	1,000	
SAFETY & EMERG. EXPENSES	68,960	71,890	2,930
SAFETY BOOTS & GLASSES	3,200	5,200	2,000
SECURITY EXPENSE	33,762	33,172	(590)
POWER AND UTILITIES	1,796,994	1,858,164	61,170
PUMP STATION POWER/UTILIT	44,292	44,000	(292)
PARK POWER AND UTILITIES	52,300	45,000	(7,300)
POWER/UTIL-RRWDS PUMP STATION	530,000	705,000	175,000
POWER/UTIL-GPP PIPELINE	151,500	158,000	6,500
POWER/UTIL-IH35 PIPELINE	220,000	220,000	
POWER & UTILITIES-RAW WATER	800,000	800,000	

GUADALUPE-BLANCO RIVER AUTHORITY
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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
POWER & UTILITIES-AMMAN RD	160,000	160,000	
POWER & UTILITIES-FM3351	9,500	10,000	500
POWER/UTIL-LULING HIGH SERVICE	41,852	40,064	(1,788)
POWER/UTIL-LU/LO PROJECT	73,037	75,086	2,049
AUXILLARY POWER EXPENSE	20,808	28,668	7,860
HDQTRS POWER & UTILITIES	8,400	7,600	(800)
GROUP SHELTER POWER&UTIL	900	900	
SHOP/WELL PUMP UTILITIES	780	640	(140)
SM GROUNDWATER POWER/UTILITIES	109,186	109,186	
OPERATING CHEMICALS	26,310	29,500	3,190
CHLORINE	120,435	149,381	28,946
CHLORINE SM GROUNDWATER	15,736	15,736	
ACTIVATED CARBON	2,400	2,400	
LIME	120	120	
SULFUR DIOXIDE	3,624	3,624	
FLOURIDE	12,075	924	(11,151)
FLOURIDE SM GROUNDWATER	1,500		(1,500)
POTASSIUM PERMANGANATE	2,400	2,400	
AMMONIA	34,425	39,344	4,919
ALUM/FERRIC	699,821	755,875	56,054
POLYMER	54,967	59,017	4,050
SODIUM BISULFATE	16,800	22,000	5,200
FLUOSILICIC ACID	51,492		(51,492)
FERROUS CHLORIDE	1,200	1,200	
SODIUM CHLORITE	47,208	67,159	19,951
SODIUM HYDROXIDE	20,000	20,000	
ORTHOPHOSPHATE	33,000	33,000	
SODIUM HYPOCHLORITE	30,000	30,000	
LAB SUPPLIES & EXPENSES	361,721	419,950	58,229
WATER CONDITIONING	6,800	6,800	
FREIGHT EXPENSES	10,000	12,000	2,000
APPARATUS EXPENSES	6,000	5,000	(1,000)
CHEMICAL EXPENSES	115,000	130,000	15,000
GAS CYLINDERS EXPENSES	5,000	4,000	(1,000)
PT EXPENSES	5,500	5,500	
HAZ. WASTE DISPOSAL EXPENSES	6,000	7,000	1,000
C.I.P. DISPOSAL EXPENSES	85,000	105,000	20,000
NELAP - ACCREDIATION FEES	3,000	3,000	
NELAP - PROFESSIONAL SERVICES	5,000	5,000	
PROFESSIONAL FEES	951,480	940,875	(10,605)
PROF. FEES-LEGIS. ADVOC.	270,300	109,000	(161,300)
PROF.FEES-PUBLIC COMMUNICATION	114,000		(114,000)
CONTRACT LABOR	31,020	54,020	23,000
REGIONAL RWDS PROJECT EXPS.	49,490	51,435	1,945
MISC. PROJECT DEVELOPMENT	20,000		(20,000)
MOBILE PRESS EXPS.	2,400	2,400	
IH35 PIPELINE EXPS.	25,800	25,800	

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
GPP PIPELINE EXPS.	18,900	19,350	450
OPER EXP-LU/LO PROJECT	2,250	2,250	
G. V. RECREATION EXPS.	15,000	12,500	(2,500)
LAKEWOOD RECREATION EXPS.	79,115	54,052	(25,063)
CRESTVIEW EXPENSES	26,400	26,400	
CORDILLERA PLANT EXPENSES	1,000	1,000	
KENDALL CO. ALERT EXPS.	3,000	3,000	
KERR CO. ALERT SYS. EXPS.	3,000	3,000	
INSPECTION/TESTING FEES	126,836	141,014	14,178
SB. 818 ASSESSMENT-TCEQ	50,200	50,200	
WATERMASTER PAYMENT	161,790	163,547	1,757
FALLING WATER CHARGES	27,000	27,000	
COMMUNICATIONS	117,044	120,904	3,860
OFFICE SUPPLIES & EXPENSES	106,850	110,085	3,235
COMPUTER SUPPLIES & SERVICE	220,659	228,229	7,570
OFFICE SERVICES	20,500	18,000	(2,500)
KITCHEN & JANITOR SUPPLY	12,030	10,030	(2,000)
WAREHOUSE & JANITOR SERV	4,000	4,000	
POSTAL EXPENSES	10,000	10,000	
REPRODUCTION/DUPLICATING	43,000	43,500	500
OFFICE DECOR	2,500	2,500	
RECORDS MANAGEMENT	17,200	17,200	
GRAPHICS SUPPLIES	8,000	6,000	(2,000)
SOFTWARE EXPENSES	22,800	22,000	(800)
STORAGE EXPENSE	100	100	
COMPUTER-LIMS EXPENSE	5,000	10,000	5,000
BANK SERVICE FEES	42,800	55,250	12,450
SM LETTER OF CREDIT	9,393	9,332	(61)
CONCESSIONS & SPECIAL EVENT	15,788	16,640	852
ADMIN FEES-Canyon Lake WSC	5,400	2,000	(3,400)
INSURANCE EXPENSE	670,000	660,700	(9,300)
MISCELLANEOUS EXPENSES	72,716	82,432	9,716
Total OPERATING SUPPLIES & SERVICES	**11,663,233**	**11,757,851**	**94,618**
MAINTENANCE & REPAIR			
LABOR	2,129,021	2,376,385	247,364
MATERIAL	1,427,289	1,457,755	30,466
SERVICES	2,459,849	2,773,572	313,723
Total MAINTENANCE & REPAIR	**6,016,159**	**6,607,712**	**591,553**
CREDITS:			
EQUIPMENT USE CREDITS	(50,000)	(48,000)	2,000

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total CREDITS	**(50,000)**	**(48,000)**	**2,000**
TOTAL OPERATING & MAINTENANCE	**29,796,830**	**31,505,517**	**1,708,687**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	2,868,938	3,111,278	242,341
Total ADMINISTRATIVE & GENERAL	**2,868,938**	**3,111,278**	**242,341**
WATER PURCHASES/DELIVERY:			
INTERDIVISION WATER PURCH	1,046,715	1,182,480	135,765
INTERDIV WATER PURCH-RAW	50,000	58,552	8,552
Total WATER PURCHASES/DELIVERY	**1,096,715**	**1,241,032**	**144,317**
PROJECT WRITE OFFS TO OPR EXP:			
WIP WRITE-OFF	2,175,996		(2,175,996)
Total PROJECT WRITE OFFS TO OPR EXP	**2,175,996**		**(2,175,996)**
TOTAL OPERATING EXPENSES	**35,938,479**	**35,857,827**	**(80,651)**
NET OPERATING INCOME	**15,876,052**	**17,819,486**	**1,943,433**

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	51,814,531	53,677,313	1,862,782
OPERATING EXPENSES	(35,938,479)	(35,857,827)	80,651
NET OPERATING INCOME	**15,876,052**	**17,819,486**	**1,943,433**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON OPERATING FUNDS	75,732	161,580	85,848
INT ON FULLY FUNDED ACCTS	160		(160)
INT ON NOW ACCTS	1,476	1,836	360
INTEREST ON CITY OF SEGUIN N/R	16,778	14,638	(2,140)
INT ON LU/LO OPR FUND	4,860	8,100	3,240
INT ON I & S FUND	7,620	6,870	(750)
INT: I&S FUND,OFFICE EXP BOND	120	120	
INT: I&S FUND,WEST CANYON BOND	1,200	1,200	
INT: I&S FUND,IH 35 BONDS	240	720	480
INT: RESERVE FUND,IH35 BONDS	6,000	7,800	1,800
INT: W.CANYON RATE STABILIZ.	12,000	18,000	6,000
INT: IH35 RATE STABILIZATION	1,560	1,920	360
INT: MID-BASIN RESERVE (WIF)	780	3,960	3,180
INT: MID-BASIN I&S	48	48	
Total INTEREST INCOME	**128,574**	**226,792**	**98,218**
CAPITAL CONTRIBUTIONS:			
GOVERNMENT GRANTS & STATE FUND	3,786,000	708,600	(3,077,400)
CLEAN RIVERS PROGRAM FUNDS	135,378	135,378	
ENVIRONMENTAL PROGRAM FUNDS	477,648	387,992	(89,656)
TX DoT PROGRAM FUNDS		1,280,000	1,280,000
FLOOD DEBRIS/LOG JAM GRANTS		2,209,084	2,209,084
CONTRIBUTED BY CUSTOMERS		475,000	475,000
Total CAPITAL CONTRIBUTIONS	**4,399,026**	**5,196,054**	**797,028**
INTEREST & BANK FEES:			
INT ON REVENUE BONDS	(96,629)	(74,249)	22,380
INT ON LONG TERM LOAN	(80,376)	(232,560)	(152,184)
INT- 2011 REFUNDING BONDS	(332,135)	(317,397)	14,738
INT ON CLEARWELL LOAN	(13,104)	(11,520)	1,584
INT ON DISCOUNT AMORT.	(135,264)	(126,069)	9,195
INT- REG RWDS EXPAN-2007 BONDS	(783,732)	(767,712)	16,020
INT ON EXP-SSB (FLOOD LOAN)	(30,732)	(29,388)	1,344
INT ON OFFICE EXPAN LOANS	(1,672)		1,672
INT ON MID BASIN PROJECT BONDS	(37,608)	(37,608)	
INT ON WSTRN CANYON BONDS	(2,625,499)	(2,560,169)	65,330
INT ON IH 35 BONDS	(640,486)	(626,483)	14,003
INT EXP - LU/LO PROJECT	(157,737)	(169,337)	(11,600)

GUADALUPE-BLANCO RIVER AUTHORITY
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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total INTEREST & BANK FEES	**(4,934,974)**	**(4,952,491)**	**(17,517)**
TOTAL NON-OPERATING REVENUES (EXPENSES)	**(407,374)**	**470,355**	**877,729**
CHANGE IN NET ASSETS	**15,468,678**	**18,289,840**	**2,821,162**
CHANGE IN RESTRICTED FUNDS:			
SOURCE-CHANGE IN RESTR. FUNDS	833,000	5,494,362	4,661,362
Total CHANGE IN RESTRICTED FUNDS	**833,000**	**5,494,362**	**4,661,362**
DEBT CAPITAL			
REVENUE BONDS-RECEIVABLE		3,304,910	3,304,910
BONDS REC		28,000,000	28,000,000
BANK LOAN RECEIVABLE	145,000	3,566,000	3,421,000
LOAN RECEIVABLE	605,000	333,000	(272,000)
LOAN RECEIVABLE	405,000	175,000	(230,000)
GENERAL LOANS RECEIVED	33,300	4,222,000	4,188,700
Total DEBT CAPITAL	**1,188,300**	**39,600,910**	**38,412,610**
TOTAL FUNDS AVAILABLE	**17,489,979**	**63,385,112**	**45,895,134**
PURCHASES OF FIXED ASSETS			
WATER RIGHTS		29,229,000	29,229,000
STRUCTURES & IMPROVEMENTS	80,000	30,000	(50,000)
SPECIALIZED OPER. EQUIPMENT	160,000	44,900	(115,100)
AUTO & HEAVY EQUIPMENT	277,000	492,500	215,500
OFFICE FURN & EQUIPMENT	123,643	80,500	(43,143)
MISCELLANEOUS EQUIPMENT	864,000	789,514	(74,486)
Total PURCHASES OF FIXED ASSETS	**1,504,643**	**30,666,414**	**29,161,771**
WORK IN PROGRESS			
WIP-OPERATING	2,373,759	8,903,547	6,529,789
WIP-CONSTRUCTION		3,566,000	3,566,000
Total WORK IN PROGRESS	**2,373,759**	**12,469,547**	**10,095,789**
CHANGE IN RESTRICTED FUNDS	**1,005,878**	**1,080,651**	**74,773**
INTERFUND LOANS:			
HYDRO GEN LOANS MADE	11,500	4,210,000	4,198,500

GUADALUPE-BLANCO RIVER AUTHORITY
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FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
COLETO CRK REC LOANS MADE	21,800	12,000	(9,800)
Total INTERFUND LOANS	**33,300**	**4,222,000**	**4,188,700**
PROJECT DEVELOPMENT	**6,367,091**	**9,069,230**	**2,702,139**
DEBT SERVICE			
REVENUE BONDS-PAID	1,089,577	736,657	(352,920)
CAP.APPR. BONDS PAID	2,315,002	2,276,666	(38,336)
BONDS PAID-SMarcos'07	281,668	299,996	18,328
BOND PAID-2012 MID BASIN INFRA		220,413	220,413
BOND PAID OFFICE EXP	491,246	506,246	15,000
BONDS PAYABLE (96)-PAID	560,420	566,663	6,243
BOND PAID-MID BASIN PROJECT	220,413		(220,413)
BONDS PAID	250,835	257,919	7,084
BANK LOANS-PAID	235,416	241,308	5,892
TRANSFORMER LOAN PAID	7,152	7,380	228
BANK LOAN PAID-CLEARWELL	29,538	49,764	20,226
EQUIP LOAN PAID	30,060	31,416	1,356
LOAN PAID-BUILDING EXPANSION	106,664		(106,664)
BANK LOAN PAID	111,384	156,756	45,372
	13,536	13,968	432
LOAN PAID		42,696	42,696
Total DEBT SERVICE	**5,742,911**	**5,407,848**	**(335,063)**
TOTAL FUNDS APPLIED	**17,027,581**	**62,915,690**	**45,888,109**
NET CHANGE IN FUND BALANCE	**462,397**	**469,422**	**7,025**

GUADALUPE-BLANCO RIVER AUTHORITY
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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	1,154,026	1,291,122	137,096
STA- CLERICAL	331,283	334,198	2,915
STA/SUP- NWRA	19,815	49,398	29,583
STA/SUP- TWCA	19,815	49,398	29,583
STA/CLR- RRWDS PIPELINE		3,471	3,471
STA/SUP- GPP PIPELINE		1,576	1,576
STA- LIMS SUPPORT		1,150	1,150
STA/CLR- GV RECREATION	4,056	3,013	(1,043)
STA/SUP- IH35 PIPELINE	384		(384)
STA/SUP- GBR TRUST	6,745	15,257	8,512
STA/CLR- GBR TRUST	2,013	2,562	549
STA/SUP-SA BAY FOUNDATION	1,236	9,662	8,426
STA/CLR-SA BAY FOUNDATION	4,971	6,901	1,930
STA/SUP-GUAD RIVER FOUNDATION	15,372	14,392	(980)
STA/CLR-GUAD RIVER FOUNDATION	2,037	2,851	814
STA/CLR- PUBLIC INFORM	107,294	120,938	13,645
STA/SUP- PUBLIC INFORM	108,979	102,469	(6,510)
OVT- STAFF PUBLIC INFORM	2,946	4,593	1,647
Total STAFF TECHNICAL ASSISTANCE	**1,780,972**	**2,012,951**	**231,979**
SUPERVISION:			
SUPERVISION	1,958,970	2,022,297	63,328
SUP- ANALYTICAL	44,324	63,732	19,408
SUP- SUPPORT	56,015	49,490	(6,525)
SUP- CRESTVIEW	6,391	7,453	1,062
SUP- COMAL WATER COMPANY	5,485	5,602	117
SUP- GV RECREATION	6,020	9,981	3,961
SUP- LAKEWOOD RECREATION	1,292	3,123	1,831
SUP- SAFETY & TRAINING	23,854	25,319	1,465
SUP- MEDIA	1,840	1,962	122
SUP- LIMS SUPPORT	8,039	10,917	2,878
SUP- IH35 PIPELINE	714	2,455	1,742
SUP- EMPLOYEE RELATIONS	858	1,353	495
SUP- GBR TRUST	84,624	98,272	13,648
SUP-SA BAY FOUNDATION	111,138	108,855	(2,283)
SUP- LU/LO PROJECT	714	735	21
SUP- GROUND WATER SYSTEM	32,666	35,032	2,366
Total SUPERVISION	**2,342,943**	**2,446,579**	**103,636**
OPERATING LABOR:			
CLERICAL	441,914	529,360	87,446
REG- OPERATING LABOR	2,251,535	2,289,342	37,807
REG- MISC LABOR	123,623	125,745	2,122

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
CLR- OPERATING LABOR	189,801	208,006	18,205
REG- ATTENDANT'S DUTIES	95,185	95,122	(63)
REG- LABORATORY LABOR	59,679	61,397	1,718
REG- MISC LABOR	1,679	1,808	129
REG- PRESS OPERATIONS LABOR	52,130	54,893	2,764
REG- SAFETY & TRAINING	63,170	82,830	19,659
REG- IH35 PIPELINE LABOR	39,880	38,760	(1,120)
REG- LIMS SUPPORT	12,647	12,736	89
CLR- EMPLOYEE RELATIONS	2,670	10,950	8,280
GBR TRUST-NFW GRANT LABOR		523	523
REG-SA BAY FOUNDATION	4,187	349	(3,838)
REG- LU/LO PROJECT LABOR	22,459	23,456	997
REG- GROUND WATER SYSTEM	36,159	37,499	1,341
REG- PUBLIC INFORM LABOR		33,607	33,607
OVT- CLERICAL LABOR	4,086	11,904	7,818
OVT- OPERATING LABOR	287,724	317,938	30,214
OVT- MISC LABOR		7,701	7,701
OVT- CLERICAL LABOR	114	118	5
OVT- ATTENDANTS DUTIE	5,978	5,600	(378)
OVT- LABORATORY LABOR	1,535	1,770	234
OVT- PRESS OPERATIONS	9,656	10,059	403
OVT- SAFETY & TRAINING LBR	9,353	10,825	1,473
OVT- EMPLOYEE RELATIONS		1,217	1,217
OVT- LU/LO PROJECT LBR	3,801	3,926	124
OVT- PUBLIC INFORMATION		784	784
REG- WORKING HOLIDAY LABOR	43,365	53,519	10,153
REG-WORKING HOLIDAY CONTROL RM	31,569	32,527	957
REG- WKG HOL ATTENDANTS DUTIE	1,857	1,913	56
REG- WORKING HOL SUPPLY CHIEF	1,857	1,913	56
REG- WRKG HOL BIOSOLIDS PRESS	4,580	4,770	190
REG- WORK.HOL. LBR-GRND WATER	1,447	1,416	(31)
Total OPERATING LABOR	**3,803,641**	**4,074,281**	**270,640**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- BRUMLEY WELL	40,560	51,566	11,006
REG/LBR- GLENWOOD WELL	3,120	7,844	4,724
REG/LBR- REMOVE LOG JAMS	15,600	18,128	2,528
REG/LBR- WORK BOAT	1,248	2,109	861
REG/LBR- PUMPS	3,370	28,346	24,976
REG/LBR- DIV. ROADS&BRIDG	1,248		(1,248)
REG/LBR- RRWDS PIPELINE	63,397	81,981	18,584
REG/LBR- GPP PIPELINE	32,643	44,189	11,546
REG/LBR- G.V. RECREATION	27,557	29,448	1,892
REG/LBR- PWR HOUSES & EQUIP	50,323	59,081	8,758
REG/LBR- IH35 PIPELINE	10,201	10,187	(14)

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
REG/LBR- CRESTVIEW	9,051	8,602	(449)
REG/LBR- LU/LO PROJECT	4,466	9,202	4,735
REG/LBR- GROUND WATER SYSTEM	11,985	13,212	1,227
REG/LBR- PENSTK CONDUIT	14,492	9,212	(5,280)
REG/LBR- TURBINE INSP	14,492	9,212	(5,280)
REG/LBR- GENERATORS	14,492	9,212	(5,280)
REG/LBR- GUAD.CO.RAIN TELEMETR	14,492	9,212	(5,280)
REG/LBR- OTHER	1,676,803	1,837,025	160,222
Total M&R-LABOR	**2,009,542**	**2,237,770**	**228,228**
M&R-OVERTIME:			
OVT/LBR- YARD & GROUNDS	4,680	7,910	3,230
OVT/LBR- RRWDS PIPELINE	4,961	5,606	645
OVT/LBR- GPP PIPELINE	3,692	4,249	557
OVT/LBR- G.V. RECREATION	4,027	4,470	443
OVT/LBR- CRESTVIEW	197	1,052	855
OVT/LBR- GROUND WATER SYSTEM	530	910	380
OVT/LBR- OTHER	98,123	111,259	13,136
Total M&R-OVERTIME	**116,210**	**135,457**	**19,247**
M&R-WORKING HOLIDAY PAY:			
HOL/LBR- OTHER	3,269	3,158	(111)
Total M&R-WORKING HOLIDAY PAY	**3,269**	**3,158**	**(111)**
Total MAINTENANCE & REPAIR	**2,129,021**	**2,376,385**	**247,364**
WORK IN PROGRESS			
WIP-STAFF:			
RIVER BEND PUMP STATION-STAFF		30,900	30,900
Total WIP-STAFF		**30,900**	**30,900**
WIP-SUPERVISION:			
WIP/SUP-OTH CAL CO PCT #1	15,268	7,954	(7,314)
Total WIP-SUPERVISION	**15,268**	**7,954**	**(7,314)**
Total WORK IN PROGRESS	**15,268**	**38,854**	**23,586**
PROJECT DEVELOPMENT			
PD-STAFF:			
ENVIRONMENTAL LCUB-STAFF	19,978	21,740	1,762

GUADALUPE-BLANCO RIVER AUTHORITY
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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
319 RIVER NETWORK-STAFF	604	577	(28)
LOWER BASIN LITIGATION-STAFF	6,576	13,173	6,597
OUTDOOR LEARNING CNTR-STAFF	1,737	3,616	1,879
CRP QUALITY ASSURANCE-STAFF	1,413	1,456	43
CRP PUBLIC PARTICIPATION-STAFF	5,385	6,363	978
IWPP DESAL/POWER-STAFF	63,374	58,524	(4,850)
LOWER BASIN PERMIT AMEND-STAFF	2,528	18,408	15,880
LB STORAGE PROJ ADM-STAFF	31,200	5,009	(26,191)
CANYON GORGE PROJECT-STAFF	7,276	27,379	20,103
UB LK MGMT&AQUATIC CNTL-STAFF	1,560		(1,560)
PLUM CREEK OUTREACH-STAFF	2,224	1,157	(1,066)
PLUM CREEK MONITORING-STAFF	1,339	1,112	(227)
FM 110 P/L RELOC-REIMB-STAFF	119,935	65,762	(54,173)
FM 110 P/L -NONREIMB-STAFF	15,600	2,768	(12,832)
FM-183 UTLY RELOCATE-STAFF	15,600		(15,600)
FM-725 UTLY RELOCATE-STAFF	15,600		(15,600)
MID-BASIN PROJECT-STA	25,928	3,514	(22,414)
GERONIMO CREEK WPP-STAFF	8,788	7,793	(994)
Total PD-STAFF	**346,645**	**238,352**	**(108,294)**
PD-SUPERVISION & LABOR:			
ENVIRONMENTAL LCUB-NON GE	864	1,238	374
SB2 IN-STREAM FLOW-NON-GENERAL	5,210	2,967	(2,243)
LOWER BASIN LITIGAT-NON GEN	1,680		(1,680)
PC WATERSHED COORDINAT-NON GEN	10,603	4,747	(5,856)
PC GC ISOTOPE STUDY-NON GEN	10,603	4,747	(5,856)
REAL HOG FARM PROJ-NON GEN EMP	22,511		(22,511)
CRP PROJECT ADMIN-NON GEN EMPL	662	297	(366)
CRP QUALITY ASSURANCE-NON GEN	13,591	12,033	(1,558)
CRP MONITORING-NON GEN EMPL	16,660	25,617	8,957
CRP INFO CLEARINGHOUSE-NON GEN	1,974	148	(1,826)
CRP ISSUES & CAUSES-NON GEN EM	662	297	(366)
CRP PUBLIC PARTICIPATION-NON G	1,648	247	(1,400)
CRP-LIMS-NON-GENERAL EMPLOYEES		6,991	6,991
LAKE MGMT ENHANCEMENT-NON-GENE	3,279		(3,279)
LAKE MGMT GOAT PROJECT-NON GEN	21,696		(21,696)
LB LK MGMT&AQUATIC CNTL-NON-GE	1,414	1,387	(28)
GUAD/HAYS/CALD WW CCNS-NON-GEN	2,879	4,635	1,756
IWPP DESAL/POWER-NON-GEN	35,603	14,970	(20,633)
MID-BASIN HDR-NON-GEN	745		(745)
MID-BASIN GRANT STDY-NON-GEN		26,947	26,947
LOWER BASIN PERM AM.-NON GEN E	10,921		(10,921)
LB STORAGE PROJ ADM-NON GEN EM	10,400	57,601	47,201
WATER SUPPLY ALTERNATIVE-NON-G	6,721	7,485	764
WATER & WW INV-NON GEN EMPL	7,225		(7,225)
UB LK MGMT&AQUATIC CNTL-NONGEN	11,795	26,150	14,355

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
DUNLAP AREA MASTER PLAN-SUPERV	5,438	8,242	2,804
PLUM CREEK MONITORING-NON GEN	54,477	30,795	(23,683)
PLUM CREEK PROJ ADM-NON GEN EM	1,450		(1,450)
FM 110 P/L RELOC-REIMB-NON GEN	32,173		(32,173)
FM 110 P/L -NONREIMB-NON GEN	5,589		(5,589)
FM-183 UTLY RELOCATE-NON GEN	5,200		(5,200)
FM-725 UTLY RELOCATE-NON GEN	5,200		(5,200)
WATER CO ACQUISITIONS-NON GEN	12,755	13,978	1,223
INDUSTRIAL DEV PROJECT-NON-GEN	19,221	21,500	2,279
MID-BASIN PROJECT-NON-GEN EMPL	75,254	44,169	(31,085)
GERONIMO CREEK WPP-NON GEN EMP	52,620	22,770	(29,851)
Total PD-SUPERVISION & LABOR	**468,727**	**339,957**	**(128,769)**
Total PROJECT DEVELOPMENT	**815,372**	**578,309**	**(237,063)**
TOTAL SALARIES & WAGES	**10,887,217**	**11,527,359**	**640,142**

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- BRUMLEY WELL	40,560	51,566	11,006
REG/LBR- GLENWOOD WELL	3,120	7,844	4,724
REG/LBR- REMOVE LOG JAMS	15,600	18,128	2,528
REG/LBR- WORK BOAT	1,248	2,109	861
REG/LBR- PUMPS	3,370	28,346	24,976
REG/LBR- DIV. ROADS&BRIDG	1,248		(1,248)
REG/LBR- RRWDS PIPELINE	63,397	81,981	18,584
REG/LBR- GPP PIPELINE	32,643	44,189	11,546
REG/LBR- G.V. RECREATION	27,557	29,448	1,892
REG/LBR- PWR HOUSES & EQUIP	50,323	59,081	8,758
REG/LBR- IH35 PIPELINE	10,201	10,187	(14)
REG/LBR- CRESTVIEW	9,051	8,602	(449)
REG/LBR- LU/LO PROJECT	4,466	9,202	4,735
REG/LBR- GROUND WATER SYSTEM	11,985	13,212	1,227
REG/LBR- PENSTK CONDUIT	14,492	9,212	(5,280)
REG/LBR- TURBINE INSP	14,492	9,212	(5,280)
REG/LBR- GENERATORS	14,492	9,212	(5,280)
REG/LBR- GUAD.CO.RAIN TELEMETR	14,492	9,212	(5,280)
REG/LBR- OTHER	1,676,803	1,837,025	160,222
OVT/LBR- YARD & GROUNDS	4,680	7,910	3,230
OVT/LBR- RRWDS PIPELINE	4,961	5,606	645
OVT/LBR- GPP PIPELINE	3,692	4,249	557
OVT/LBR- G.V. RECREATION	4,027	4,470	443
OVT/LBR- CRESTVIEW	197	1,052	855
OVT/LBR- GROUND WATER SYSTEM	530	910	380
OVT/LBR- OTHER	98,123	111,259	13,136
HOL/LBR- OTHER	3,269	3,158	(111)
Total LABOR	**2,129,021**	**2,376,385**	**247,364**
MATERIAL:			
M&R/MAT- GROUNDSKEEPING	37,872	39,852	1,980
M&R/MAT- GEN. OFFICE BLDG	20,444	22,884	2,440
M&R/MAT- STORAGE TANKS	95,224	84,148	(11,076)
M&R/MAT- CHEM FEED EQUIP	14,700	59,800	45,100
M&R/MAT- INSTRUMENTATION	61,046	58,690	(2,356)
M&R/MAT- MOTORS	44,064	55,764	11,700
M&R/MAT- CLARIFIERS	38,700	67,866	29,166
M&R/MAT- CHLORINATION	23,344	28,548	5,204
M&R/MAT- TOOLS & EQUIP.	53,558	55,156	1,598
M&R/MAT- METERS	113,617	120,157	6,540
M&R/MAT- GATES & VALVES	62,898	60,506	(2,392)
M&R/MAT- TRUCKS	37,690	40,654	2,964
M&R/MAT- NON/POTABLE WS	47,402	55,974	8,572
M&R/MAT- PUMPS	55,964	53,964	(2,000)

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/MAT- PROCESS UNIT CLEANING	18,490	19,010	520
M&R/MAT- MOTORS	17,022	16,332	(690)
M&R/MAT- ROADS	14,810	16,170	1,360
M&R/MAT- SAFETY WORK	18,980	13,860	(5,120)
M&R/MAT- NON-POT WTR SYS.	9,184	8,152	(1,032)
M&R/MAT- POTABLE WTR SYS.	12,130	10,460	(1,670)
M&R/MAT- RADIO EQUIP.	9,000	9,100	100
M&R/MAT- STRUCTURE MAINT.	20,536	19,856	(680)
M&R/MAT- U.V.DISINFECTION	112,516	80,516	(32,000)
M&R/MAT- ELECTRICAL	16,376	20,128	3,752
M&R/MAT- AERATION	66,848	58,332	(8,516)
M&R/MAT- WELLS	40,200	45,804	5,604
M&R/MAT- WATER LINE	9,414	14,544	5,130
M&R/MAT- INSTRUMENTATION	3,420	2,700	(720)
M&R/MAT- CAMPING CABINS	6,360	3,900	(2,460)
M&R/MAT- GEN. OFFICE BLDG	11,090	2,930	(8,160)
M&R/MAT- MOW PROPERTIES	1,600	1,360	(240)
M&R/MAT- POISON PROPERTIE	2,062	5,470	3,408
M&R/MAT- ROADS & BRIDGES	5,680	7,580	1,900
M&R/MAT- FENCES	4,300	2,100	(2,200)
M&R/MAT- CLEAN PROPERTIES	3,660	2,760	(900)
M&R/MAT- FISHERY & WILDLIFE	2,340	1,560	(780)
M&R/MAT- UNIT 96	540	240	(300)
M&R/MAT- PENSTK CONDUIT I	6,000	2,000	(4,000)
M&R/MAT- TURBINE INSPECTI	3,300	3,700	400
M&R/MAT- GENERATOR	7,508	7,408	(100)
M&R/MAT- TURBINE/GOVERNOR	19,900	23,300	3,400
M&R/MAT- DISSOLVED OXYGEN	1,180	700	(480)
M&R/MAT- SWITCHGEAR	13,200	13,000	(200)
M&R/MAT- WEIR	200	200	
M&R/MAT- MEMBRANE SYSTEM	55,000	55,000	
M&R/MAT- FLOC	1,500	1,500	
M&R/MAT- UNIT 49	240	240	
M&R/MAT- UNIT 50	240	240	
M&R/MAT- CONTROL SYSTEM	10,480	8,240	(2,240)
M&R/MAT- COMMUNICATION SY	15,480	9,680	(5,800)
M&R/MAT- UNIT 53	100	100	
M&R/MAT- SAFETY WORK	600	480	(120)
M&R/MAT- CASE BACKHOE	1,200	840	(360)
M&R/MAT- ALL TERRAIN VHCL	600	360	(240)
M&R/MAT- SUBSTATIONS	32,120	25,560	(6,560)
M&R/MAT- TRANS. LINES	2,000	2,000	
M&R/MAT- WYLIE TRACTR SPRA	400	400	
M&R/MAT- BIG TRACTOR	240	240	
M&R/MAT- SCHREDDERS	720	720	
M&R/MAT- R.W. PUMP STATION	12,000	12,000	
M&R/MAT- SMALL EQUIPMENT	2,000	2,000	

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/MAT- TRACTORS	200	200	
M&R/MAT- HEAVY EQUIPMENT	5,000	5,000	
M&R/MAT- LIGHT TRUCKS	1,000	1,000	
M&R/MAT- LARGE TRUCKS	500	500	
M&R/MAT- TRAILERS	1,000	1,000	
M&R/MAT- WATER SYSTEM	24,500	25,000	500
M&R/MAT- WATER WELL	800	800	
M&R/MAT- T.W. PUMP STATION	8,000	8,000	
M&R/MAT- R.W. TRANS. LINE	2,000	2,000	
M&R/MAT- T.W. TRANS. LINE	6,000	6,000	
M&R/MAT- SEWER PUMP	35,000	30,000	(5,000)
M&R/MAT- SEWER LINE	4,000	4,000	
M&R/MAT- DISTRIBUTION SYSTEM	19,000	19,000	
M&R/MAT- MAINT EXPENSES	15,000	12,500	(2,500)
M&R/MAT- OTHER	6,000	6,020	20
Total MATERIAL	**1,427,289**	**1,457,755**	**30,466**
SERVICES:			
M&R/SER- GROUNDSKEEPING	195,468	195,268	(200)
M&R/SER- GEN. OFFICE BLDG	422,148	372,720	(49,428)
M&R/SER- STORAGE TANKS	42,258	44,454	2,196
M&R/SER- CHEM FEED EQUIP	22,063	66,489	44,426
M&R/SER- INSTRUMENTATION	189,430	273,519	84,089
M&R/SER- MOTORS	31,388	34,588	3,200
M&R/SER- CLARIFIERS	48,730	98,340	49,610
M&R/SER- CHLORINATION	13,404	23,414	10,010
M&R/SER- TOOLS & EQUIP.	59,126	76,190	17,064
M&R/SER- METERS	130,232	269,792	139,560
M&R/SER- GATES & VALVES	114,156	121,456	7,300
M&R/SER- TRUCKS	86,558	108,566	22,008
M&R/SER- NON/POTABLE WS	87,728	102,142	14,414
M&R/SER- PUMPS	67,420	75,496	8,076
M&R/SER- PROCESS UNIT CLEANING	8,822	19,062	10,240
M&R/SER- MOTORS	20,582	24,802	4,220
M&R/SER- ROADS	73,524	65,920	(7,604)
M&R/SER- SAFETY WORK	13,398	14,838	1,440
M&R/SER- NON-POT. WTR SYS	2,880	2,860	(20)
M&R/SER- POTABLE WTR SYS.	15,080	12,780	(2,300)
M&R/SER- RADIO EQUIP.	8,660	13,060	4,400
M&R/SER- STRUCTURE MAINT.	18,680	34,944	16,264
M&R/SER- U.V.DISINFECTION	55,132	64,472	9,340
M&R/SER- ELECTRICAL	47,876	48,056	180
M&R/SER- AERATION	18,660	43,594	24,934
M&R/SER- WELLS	50,480	62,690	12,210
M&R/SER- WATER LINE	10,510	10,514	4
M&R/SER- INSTRUMENTATION	2,580	2,580	

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/SER- CAMPING CABINS	3,420	2,760	(660)
M&R/SER- GEN. OFFICE BLDG	30,926	40,366	9,440
M&R/SER- MOW PROPERTIES	55,480	60,480	5,000
M&R/SER- POISON PROPERTIE	3,020	2,720	(300)
M&R/SER- ROADS & BRIDGES	3,900	3,000	(900)
M&R/SER- FENCES	23,000	23,000	
M&R/SER- CLEAN PROPERTIES	12,590	16,590	4,000
M&R/SER- UNIT 96	540	360	(180)
M&R/SER- PENSTK CONDUIT I	17,500	5,500	(12,000)
M&R/SER- TURBINE INSPECTI	4,140	4,040	(100)
M&R/SER- GENERATOR	19,140	17,100	(2,040)
M&R/SER- TURBINE/GOVERNOR	6,300	6,300	
M&R/SER- DISSOLVED OXYGEN	12,680	13,000	320
M&R/SER- SWITCHGEAR	13,000	11,000	(2,000)
M&R/SER- MEMBRANE SYSTEM	15,000	15,000	
M&R/SER- FLOC	500	500	
M&R/SER- UNIT 49	240	1,200	960
M&R/SER- UNIT 50	240	840	600
M&R/SER- CONTROL SYSTEM	21,280	21,280	
M&R/SER- COMMUNICATION SY	14,480	14,480	
M&R/SER- UNIT 53	1,800	1,200	(600)
M&R/SER- SAFETY WORK	600	120	(480)
M&R/SER- CASE BACKHOE	3,000	1,200	(1,800)
M&R/SER- ALL TERRAIN VHCL	600	480	(120)
M&R/SER- SUBSTATIONS	53,000	40,000	(13,000)
M&R/SER- TRANS. LINES	40,000	35,000	(5,000)
M&R/SER- WYLIE TRACTR SPRA	2,000	2,000	
M&R/SER- BIG TRACTOR	360	360	
M&R/SER- R.W. PUMP STATION	40,000	40,000	
M&R/SER- SMALL EQUIPMENT	3,000	7,000	4,000
M&R/SER- TRACTORS	400	400	
M&R/SER- HEAVY EQUIPMENT	4,000	4,000	
M&R/SER- LIGHT TRUCKS	10,000	10,000	
M&R/SER- LARGE TRUCKS	5,000	5,000	
M&R/SER- TRAILERS	1,000	1,000	
M&R/SER- WATER SYSTEM	4,000	4,000	
M&R/SER- WATER WELL	5,000	5,000	
M&R/SER- T.W. PUMP STATION	5,000	5,000	
M&R/SER- STRUCTURAL	7,000	10,000	3,000
M&R/SER- R.W. TRANS LINE	5,500	5,500	
M&R/SER- T.W. TRANS LINE	4,000	4,000	
M&R/SER- SEWER TANK PUMPING		1,000	1,000
M&R/SER- SEWER PUMP	8,000	8,000	
M&R/SER- SEWER LINE	2,500	3,500	1,000
M&R/SER- DISTRIBUTION SYSTEM	5,000	5,000	
M&R/SER- MAINT EXPENSES	18,000	13,000	(5,000)
M&R/SER- OTHER	116,740	19,690	(97,050)

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total SERVICES	**2,459,849**	**2,773,572**	**313,723**
TOTAL MAINTENANCE & REPAIR	**6,016,159**	**6,607,712**	**591,553**

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
PROJECT DEVELOPMENT			
ENVIRONMENTAL LCUB-STAFF	19,978	21,740	1,762
ENVIRONMENTAL LCUB-BENEFI	8,441	9,306	865
ENVIRONMENTAL LCUB-TRAVEL	1,000	1,000	
ENVIRONMENTAL LCUB-A&G	6,878	7,583	705
ENVIRONMENTAL LCUB-NON GE	864	1,238	374
ENVIRONMENTAL LCUB-PRO FE	7,500	12,500	5,000
ENVIRONMENTAL LCUB-MAT'L	12,500		(12,500)
ENVIRONMENTAL LCUB-OTHER	2,500		(2,500)
Total	**59,661**	**53,368**	**(6,293)**
319 RIVER NETWORK-STAFF	604	577	(28)
319 RIVER NETWORK-BENEFITS	245	234	(11)
319 RIVER NETWORK-A&G	199	190	(9)
Total	**1,049**	**1,001**	**(48)**
DROUGHT PLANNING-TRAVEL	250		(250)
DROUGHT PLANNING-SERVICE	250		(250)
DROUGHT PLANNING-MAT'L	1,000		(1,000)
Total	**1,500**		**(1,500)**
SB3- ENVIRONMNTL FLOWS-ENG	15,000	10,000	(5,000)
Total	**15,000**	**10,000**	**(5,000)**
SB2 IN-STREAM FLOW-ENG	5,000	40,000	35,000
SB2 IN-STREAM FLOW-BENEFITS	2,110	1,202	(908)
SB2 IN-STREAM FLOW-A&G	1,719	979	(740)
SB2 IN-STREAM FLOW-NON-GENERAL	5,210	2,967	(2,243)
Total	**14,039**	**45,148**	**31,108**
LOWER BASIN LITIGATION-STAFF	6,576	13,173	6,597
LOWER BASIN LITIGATION-LEGA	375,000		(375,000)
LOWER BASIN LITIGATION-BENEFI	3,344	5,335	1,991
LOWER BASIN LITIGATION-A&G	2,725	4,347	1,622
LOWER BASIN LITIGAT-NON GEN	1,680		(1,680)

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total	**389,325**	**22,855**	**(366,470)**
PC WATERSHED COORDINATOR-ENG	85,300	85,300	
PC WATERSHED COORDINATOR-BENEF	4,294	1,923	(2,372)
PC WATERSHED COORDINATE-TRAVEL	15,000	15,000	
PC WATERSHED COORDINATOR-A&G	3,499	1,567	(1,932)
PC WATERSHED COORDINAT-NON GEN	10,603	4,747	(5,856)
PC WATERSHED COORDINATOR-OTHER	26,747	16,747	(10,000)
Total	**145,443**	**125,283**	**(20,160)**
PC GC ISOTOPE STUDY-ENG	54,000	54,000	
PC GC ISOTOPE STUDY-BENEFITS	4,294	1,923	(2,372)
PC GC ISOTOPE STUDY-A&G	3,499	1,567	(1,932)
PC GC ISOTOPE STUDY-NON GEN	10,603	4,747	(5,856)
Total	**72,396**	**62,236**	**(10,160)**
REAL HOG FARM PROJ-BENEFITS	9,117		(9,117)
REAL HOG FARM PROJ-TRAVEL	900		(900)
REAL HOG FARM PROJ-A&G	7,429		(7,429)
REAL HOG FARM PROJ-NON GEN EMP	22,511		(22,511)
REAL HOG FARM PROJ-OTHER	8,932		(8,932)
Total	**48,889**		**(48,889)**
OUTDOOR LEARNING CNTR-STAFF	1,737	3,616	1,879
OUTDOOR LEARNING CNTR-BENEFITS	704	1,465	761
OUTDOOR LEARNING CNTR-A&G	573	1,193	620
OUTDOOR LEARNING CENTER-OTHER	38,800		(38,800)
Total	**41,814**	**6,274**	**(35,540)**
CRP PROJECT ADMIN-BENEFITS	268	120	(148)
CRP PROJECT ADMIN-A&G	219	98	(121)
CRP PROJECT ADMIN-NON GEN EMPL	662	297	(366)

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total	**1,149**	**515**	**(635)**
CRP QUALITY ASSURANCE-STAFF	1,413	1,456	43
CRP QUALITY ASSURANCE-BENEFITS	6,077	5,463	(614)
CRP QUALITY ASSURANCE-A&G	4,951	4,451	(500)
CRP QUALITY ASSURANCE-NON GEN	13,591	12,033	(1,558)
Total	**26,032**	**23,403**	**(2,628)**
CRP MONITORING-ENG	24,700		(24,700)
CRP MONITORING-BENEFITS	6,747	10,375	3,627
CRP MONITORING-TRAVEL	5,138	2,500	(2,638)
CRP MONITORING-A&G	5,498	8,454	2,956
CRP MONITORING-NON GEN EMPL	16,660	25,617	8,957
CRP MONITORING-OTHER	93,913	93,913	
Total	**152,657**	**140,859**	**(11,798)**
CRP INFO CLEARINGHOUSE-BENEFIT	799	60	(739)
CRP INFO CLEARINGHOUSE-A&G	651	49	(603)
CRP INFO CLEARINGHOUSE-NON GEN	1,974	148	(1,826)
Total	**3,425**	**257**	**(3,168)**
CRP ISSUES & CAUSES-BENEFITS	268	120	(148)
CRP ISSUES & CAUSES-A&G	219	98	(121)
CRP ISSUES & CAUSES-NON GEN EM	662	297	(366)
Total	**1,149**	**515**	**(635)**
CRP PUBLIC PARTICIPATION-STAFF	5,385	6,363	978
CRP PUBLIC PARTICIPATION-BENEF	2,848	2,677	(171)
CRP PUBLIC PARTICIPATION-A&G	2,321	2,181	(139)
CRP PUBLIC PARTICIPATION-NON G	1,648	247	(1,400)
Total	**12,202**	**11,469**	**(733)**
CRP-LIMS-BENEFITS		2,831	2,831
CRP-LIMS-A&G		2,307	2,307
CRP-LIMS-NON-GENERAL EMPLOYEES		6,991	6,991

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total		**12,129**	**12,129**
APPLIC-UNAPPROP.FLOW-ENG	88,000		(88,000)
Total	**88,000**		**(88,000)**
BULVERDE AREA WW-ENG	27,000		(27,000)
BULVERDE AREA WW-MAT'L	3,000		(3,000)
Total	**30,000**		**(30,000)**
U/S SWB GUAD RIVER STUDY-ENG	60,000		(60,000)
Total	**60,000**		**(60,000)**
FLOOD MGMT MODEL-ENG	420,000	523,300	103,300
Total	**420,000**	**523,300**	**103,300**
LAKE MGMT ENHANCEMENT-BENEFITS	1,328		(1,328)
LAKE MGMT ENHANCEMENT-A&G	1,082		(1,082)
LAKE MGMT ENHANCEMENT-NON-GENE	3,279		(3,279)
LAKE MGMT ENHANCEMENT-SERVICES	10,000	10,000	
Total	**15,688**	**10,000**	**(5,688)**
LAKE MGMT GOAT PROJECT-BENEFIT	8,787		(8,787)
LAKE MGMT GOAT PROJECT-A&G	7,160		(7,160)
LAKE MGMT GOAT PROJECT-NON GEN	21,696		(21,696)
Total	**37,643**		**(37,643)**
LB LK MGMT&AQUATIC CNTL-BENEFI	573	562	(11)
LB LK MGMT&AQUATIC CNTL-TRAVEL	5,000	5,000	
LB LK MGMT&AQUATIC CNTL-A&G	467	458	(9)
LB LK MGMT&AQUATIC CNTL-NON-GE	1,414	1,387	(28)
LB LK MGMT&AQUATIC CNTL-MTL'S	10,000	10,000	

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total	**17,454**	**17,406**	**(48)**
GW/SW INTERFACE STUDY-ENG	40,000	40,000	
Total	**40,000**	**40,000**	
L.BASIN WATER QLTY MODEL.-MISC	35,000		(35,000)
Total	**35,000**		**(35,000)**
LOCKHART DISCHARGE MONT-OTHER	12,500		(12,500)
Total	**12,500**		**(12,500)**
FEMA CTP PROGRAM-ENG		120,000	120,000
FEMA CTP PROGRAM-OTHER	10,000		(10,000)
Total	**10,000**	**120,000**	**110,000**
NRCS 2015 FLOOD UPPER-SERVICE		1,987,709	1,987,709
Total		**1,987,709**	**1,987,709**
NRCS 2015 FLOOD LOWER-SERVICE		528,250	528,250
Total		**528,250**	**528,250**
UTILITY SURVEY,MAPNG,MODELING		5,000	5,000
Total		**5,000**	**5,000**
FLOW MONITORING		5,000	5,000
Total		**5,000**	**5,000**
HIGH WATER MARK SURVEYS-ENG		5,000	5,000

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total		**5,000**	**5,000**
GUAD/HAYS/CALD WW CCNS-ENG	20,000		(20,000)
GUAD/HAYS/CALD WW CCNS-LEGAL	20,000		(20,000)
GUAD/HAYS/CALD WW CCNS-BENEFIT	1,166	1,877	711
GUAD/HAYS/CALD WW CCNS-A&G	950	1,530	580
GUAD/HAYS/CALD WW CCNS-NON-GEN	2,879	4,635	1,756
Total	**44,995**	**8,042**	**(36,953)**
IWPP DESAL/POWER-STAFF	63,374	58,524	(4,850)
IWPP DESAL/POWER-ENG		950,000	950,000
IWPP DESAL/POWER-LEGAL		25,000	25,000
IWPP DESAL/POWER-BENEFIT	40,086	29,765	(10,321)
IWPP DESAL/POWER-TRAVEL	10,000	15,000	5,000
IWPP DESAL/POWER-A&G	32,663	24,253	(8,409)
IWPP DESAL/POWER-NON-GEN	35,603	14,970	(20,633)
IWPP DESAL/POWER-PRO FEE	900,000	75,000	(825,000)
IWPP DESAL/POWER-W/O	10,000		(10,000)
IWPP DESAL/POWER-OTHER	10,000	5,000	(5,000)
Total	**1,101,726**	**1,197,513**	**95,787**
MID-BASIN HDR-BENEFIT	302		(302)
MID-BASIN HDR-A&G	246		(246)
MID-BASIN HDR-NON-GEN	745		(745)
Total	**1,293**		**(1,293)**
MID-BASIN GRANT STDY-BENEFITS		10,913	10,913
MID-BASIN GRANT STDY-A&G		8,892	8,892
MID-BASIN GRANT STDY-NON-GEN		26,947	26,947
Total		**46,752**	**46,752**
DIVERSION SYS IMPROVEMENTS-ENG	25,000	50,000	25,000

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total	**25,000**	**50,000**	**25,000**
RIVER GAGES-ENG	25,000	15,000	(10,000)
Total	**25,000**	**15,000**	**(10,000)**
EAA HABITAT CONSRV PLAN		400,000	400,000
EAA HABITAT CONSRV PLAN-OTHER	450,000		(450,000)
Total	**450,000**	**400,000**	**(50,000)**
LOWER BASIN PERMIT AMEND-STAFF	2,528	18,408	15,880
LOWER BASIN PERMIT AMEND-BEN	5,447	7,455	2,008
LOWER BASIN PERMIT AMEND-A&G	4,438	6,075	1,636
LOWER BASIN PERM AM.-NON GEN E	10,921		(10,921)
Total	**23,335**	**31,938**	**8,603**
LB STORAGE PROJ ADM-STAFF	31,200	5,009	(26,191)
LB STORAGE PROJ ADM-ENG	900,000	980,000	80,000
LB STORAGE PROJ ADM-LEGAL	750,000	25,000	(725,000)
LB STORAGE PROJ ADM-BENEFITS	16,848	25,357	8,509
LB STORAGE PROJ ADM-TRAVEL	10,000	15,000	5,000
LB STORAGE PROJ ADM-A&G	13,728	20,661	6,933
LB STORAGE PROJ ADM-NON GEN EM	10,400	57,601	47,201
LB STORAGE PROJ ADM-W/O	10,000		(10,000)
LB STORAGE PROJ ADM-OTHER	10,000		(10,000)
Total	**1,752,176**	**1,128,628**	**(623,548)**
JOHNSON RCH WWTP RGLZ-TRAVEL	500	500	
JOHNSON RANCH-SERVICES	500	500	
Total	**1,000**	**1,000**	
CANYON GORGE PROJECT-STAFF	7,276	27,379	20,103
CANYON GORGE PROJECT-BENEFITS	2,947	11,088	8,142
CANYON GORGE PROJECT-A&G	2,401	9,035	6,634

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total	**12,623**	**47,502**	**34,879**
WATER SUPPLY ALTERNATIVE-BENEF	2,722	3,032	310
WATER SUPPLY ALTERNATIVE-A&G	2,218	2,470	252
WATER SUPPLY ALTERNATIVE-NON-G	6,721	7,485	764
Total	**11,661**	**12,987**	**1,326**
WATER & WW INV-BENEFITS	2,926		(2,926)
WATER & WW INV-A&G	2,384		(2,384)
WATER & WW INV-NON GEN EMPL	7,225		(7,225)
Total	**12,535**		**(12,535)**
UB LK MGMT&AQUATIC CNTL-STAFF	1,560		(1,560)
UB LK MGMT&AQUATIC CNTL-BENEF	5,409	10,591	5,182
UB LK MGMT&AQUATIC CNTL-A&G	4,407	8,629	4,222
UB LK MGMT&AQUATIC CNTL-NONGEN	11,795	26,150	14,355
UB LK MGMT&AQUATIC CNTL-SERVIC	5,000	5,000	
UB LK MGMT&AQUATIC CNTL-MAT'L	12,500	12,500	
Total	**40,670**	**62,869**	**22,199**
DUNLAP AREA MASTER PLAN-BENEFT	2,202	3,338	1,136
DUNLAP AREA MASTER PLAN-A&G	1,794	2,720	925
DUNLAP AREA MASTER PLAN-SUPERV	5,438	8,242	2,804
Total	**9,434**	**14,299**	**4,865**
SH46 UTILITY RELOC (Reim)-ENG		50,000	50,000
SH46 UTILITY RELOC (Reim)-LEGA		5,000	5,000
SH46 UTILITY RELOC (Reim)-TRAV		5,000	5,000
SH46 UTILITY RELOC (Reim)-PROF		5,000	5,000
SH46 UTILITY RELOC (Reim)-MISC		5,000	5,000
Total		**70,000**	**70,000**
SH46 UTIL RELOC (NonReim)-ENG		10,000	10,000
SH46 UTIL RELOC (NonReim)-LEGA		500	500
SH46 UTIL RELOC (NonReim)-TRAV		500	500

GUADALUPE-BLANCO RIVER AUTHORITY
CONSOLIDATED - WORK PLAN AND BUDGET
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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SH46 UTIL RELOC (NonReim)-PROF		500	500
SH46 UTIL RELOC (NonReim)-MISC		500	500
Total		**12,000**	**12,000**
PLUM CREEK OUTREACH-STAFF	2,224	1,157	(1,066)
PLUM CREEK OUTREACH-BENEFITS	901	469	(432)
PLUM CREEK OUTREACH-A&G	734	382	(352)
Total	**3,858**	**2,008**	**(1,850)**
PLUM CREEK MONITORING-STAFF	1,339	1,112	(227)
PLUM CREEK MONITORING-BENEFITS	22,606	12,922	(9,683)
PLUM CREEK MONITORING-A&G	18,420	10,529	(7,890)
PLUM CREEK MONITORING-NON GEN	54,477	30,795	(23,683)
PLUM CREEK MONITORING-OTHER	140,945	140,945	
Total	**237,787**	**196,303**	**(41,483)**
PLUM CREEK PROJ ADM-BENEFITS	587		(587)
PLUM CREEK PROJ ADM-A&G	478		(478)
PLUM CREEK PROJ ADM-NON GEN EM	1,450		(1,450)
Total	**2,515**		**(2,515)**
FM 110 P/L RELOC-REIMB-STAFF	119,935	65,762	(54,173)
FM 110 P/L RELOC-REIMB-ENG	250,000	180,000	(70,000)
FM 110 P/L RELOC-REIMB-LEGAL	10,000	5,000	(5,000)
FM 110 P/L RELOC-REIMB-BENEFIT	61,604	26,634	(34,970)
FM 110 P/L RELOC-REIMB-TRAVEL	20,000	15,000	(5,000)
FM 110 P/L RELOC-REIMB-SERVICE	20,000		(20,000)
FM 110 P/L RELOC-REIMB-A&G	50,196	21,702	(28,494)
FM 110 P/L RELOC-REIMB-NON GEN	32,173		(32,173)
FM 110 P/L RELOC-REIMB-PROF FE		10,000	10,000
FM 110 P/L RELOC-REIMB-OTHER	1,000,000	900,000	(100,000)
Total	**1,563,908**	**1,224,098**	**(339,810)**
FM 110 P/L -NONREIMB-STAFF	15,600	2,768	(12,832)
FM 110 P/L -NONREIMB-ENG	30,000	30,000	
FM 110 P/L -NONREIMB-LEGAL	5,000	5,000	
FM 110 P/L -NONREIMB-BENEFITS	8,582	1,121	(7,461)

GUADALUPE-BLANCO RIVER AUTHORITY
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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
FM 110 P/L -NONREIMB-TRAVEL	5,000	5,000	
FM 110 P/L -NONREIMB-A&G	6,993	913	(6,079)
FM 110 P/L -NONREIMB-NON GEN	5,589		(5,589)
FM 110 P/L -NONREIMB-PROF FEES		2,500	2,500
FM 110 P/L -NONREIMB-W/O	1,000		(1,000)
FM 110 P/L -NONREIMB-OTHER	100,000	100,000	
Total	**177,763**	**147,303**	**(30,461)**
FM-183 UTLY RELOCATE-STAFF	15,600		(15,600)
FM-183 UTLY RELOCATE-ENG		50,000	50,000
FM-183 UTLY RELOCATE-LEGAL		5,000	5,000
FM-183 UTLY RELOCATE-BENEFITS	8,424		(8,424)
FM-183 UTLY RELOCATE-TRAVEL		5,000	5,000
FM-183 UTLY RELOCATE-A&G	6,864		(6,864)
FM-183 UTLY RELOCATE-NON GEN	5,200		(5,200)
FM-183 UTLY RELOCATE-PRO FEES		5,000	5,000
FM-183 UTLY RELOCATE-MISC		5,000	5,000
Total	**36,088**	**70,000**	**33,912**
FM-725 UTLY RELOCATE-STAFF	15,600		(15,600)
FM-725 UTLY RELOCATE-ENG		50,000	50,000
FM-725 UTLY RELOCATE-LEGAL		5,000	5,000
FM-725 UTLY RELOCATE-BENEFITS	8,424		(8,424)
FM-725 UTLY RELOCATE-TRAVEL		5,000	5,000
FM-725 UTLY RELOCATE-A&G	6,864		(6,864)
FM-725 UTLY RELOCATE-NON GEN	5,200		(5,200)
FM-725 UTLY RELOCATE-PROF FEES		5,000	5,000
FM-725 UTLY RELOCATE-MISC		5,000	5,000
Total	**36,088**	**70,000**	**33,912**
WATER CO ACQUISITIONS-BENEFITS	5,166	5,661	495
WATER CO ACQUISITIONS-TRAVEL	500	500	
WATER CO ACQUISITIONS-A&G	4,209	4,613	403
WATER CO ACQUISITIONS-NON GEN	12,755	13,978	1,223
Total	**22,630**	**24,752**	**2,121**
INDUSTRIAL DEV PROJECT-ENG	10,000		(10,000)
INDUSTRIAL DEV PROJECT-BENEFIT	7,785	8,708	923
INDUSTRIAL DEV PROJECT-TRAVEL	200	200	

GUADALUPE-BLANCO RIVER AUTHORITY
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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
INDUSTRIAL DEV PROJECT-A&G	6,343	7,095	752
INDUSTRIAL DEV PROJECT-NON-GEN	19,221	21,500	2,279
INDUSTRIAL DEV PROJECT-MAT'L	5,000		(5,000)
Total	**48,549**	**37,503**	**(11,046)**
MID-BASIN PROJECT-STA	25,928	3,514	(22,414)
MID-BASIN PROJECT-ENG	250,000		(250,000)
MID-BASIN PROJECT-LEGAL	375,000	25,000	(350,000)
MID-BASIN PROJECT-BENEFITS	40,979	19,311	(21,667)
MID-BASIN PROJECT-TRAVEL	5,000	15,000	10,000
MID-BASIN PROJECT-A&G	33,390	15,735	(17,655)
MID-BASIN PROJECT-NON-GEN EMPL	75,254	44,169	(31,085)
MID-BASIN PROJECT-PROF FEE	5,000	75,000	70,000
MID-BASIN PROJECT-W/O	5,000		(5,000)
MID-BASIN PROJECT-OTHER	5,000	5,000	
Total	**820,551**	**202,729**	**(617,822)**
CANYON WW MASTER PLAN-ENG	11,341		(11,341)
Total	**11,341**		**(11,341)**
S.B.1 PHASE 5-ENG	14,000	10,000	(4,000)
S.B.1 PHASE 5-TRAVEL	2,000		(2,000)
Total	**16,000**	**10,000**	**(6,000)**
GERONIMO CREEK WPP-STAFF	8,788	7,793	(994)
GERONIMO CREEK WPP-BENEFITS	24,870	12,378	(12,492)
GERONIMO CREEK WPP-A&G	20,265	10,086	(10,179)
GERONIMO CREEK WPP-NON GEN EMP	52,620	22,770	(29,851)
GERONIMO CREEK WPP-MISC	76,000	76,000	
Total	**182,543**	**129,026**	**(53,517)**
GVHS DAM SAFETY PROGRAM-ENG		100,000	100,000
DAM SAFETY PROGRAM-PROF FE	120,000		(120,000)

GUADALUPE-BLANCO RIVER AUTHORITY
CONSOLIDATED - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total	**120,000**	**100,000**	**(20,000)**
BUD W/O-LOWER BASIN PROJECT	(95,000)		95,000
BUD W/O-LAKE MGMT	(33,890)		33,890
BUD W/O-GERONIMO CREEK	(152,110)		152,110
BUD W/O-PLUM CREEK MONITORING	(198,150)		198,150
BUD W/O-EEA HABITAT	(400,000)		400,000
BUD W/O-PLUM CREEK WS COORDINA	(121,200)		121,200
BUD W/O-WATER ENERGY NEXUS	(236,726)		236,726
BUD W/O-FLOOD MGT MODEL	(420,000)		420,000
BUD W/O-ENVIRON LEARN CTR UB	(49,710)		49,710
BUD W/O-PC ISOTOPE	(52,396)		52,396
BUD W/O-MID BASIN PROJECT	(375,000)		375,000
BUD W/O-OUTDOOR LEARNING CTR	(41,814)		41,814
Total	**(2,175,996)**		**2,175,996**
TOTAL PROJECT DEVELOPMENT	**6,367,091**	**9,069,230**	**2,702,139**

GUADALUPE-BLANCO RIVER AUTHORITY
CONSOLIDATED - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - OPERATING			
ED/OUTDOOR LEARNING CENTER-SER		80,000	80,000
ED/OUTDOOR LEARNING CENTER-MAT		20,000	20,000
Total		**100,000**	**100,000**
LOCKHART WTR WELL&IMP-MATERIAL	16,000	16,000	
Total	**16,000**	**16,000**	
H5 LOT RESTORATION-SUPERV	15,268	7,954	(7,314)
H5 LOT RESTORATION-BENEFITS	6,184	3,222	(2,962)
H5 LOT RESTORATION-SERVICES	50,000		(50,000)
H5 LOT RESTORATION-A&G	5,039	2,625	(2,414)
Total	**76,491**	**13,801**	**(62,690)**
REPLACE FENDER BOARDS-SERVICE	32,100	35,000	2,900
REPLACE FENDER BOARDS-MAT'L	10,700	15,000	4,300
REPLACE FENDER BOARDS-MISC	1,070	2,000	930
Total	**43,870**	**52,000**	**8,130**
HAZARD MITIGATION-PROF FEES	50,000	105,000	55,000
Total	**50,000**	**105,000**	**55,000**
DIV. DAM/SWB EROSION REPAIR-EN		15,000	15,000
Total		**15,000**	**15,000**
CANAL REHAB-SERVICE		19,200	19,200
Total		**19,200**	**19,200**
WESTERN CANYON DBP REMOVAL-SER		3,304,910	3,304,910

GUADALUPE-BLANCO RIVER AUTHORITY
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FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total		**3,304,910**	**3,304,910**
SHOP/OFFICE/LAB BLDG-SERVICES		100,000	100,000
SHOP/OFFICE/LAB BLDG-PROF FEES		4,000	4,000
SHOP/OFFICE/LAB BLDG-MAT'L		5,000	5,000
SHOP/OFFICE/LAB BLDG-MISC		1,000	1,000
Total		**110,000**	**110,000**
BROOKSHIRE WW-EUC's	1,000		(1,000)
BROOKSHIRE WW-SERVICE	690,000		(690,000)
BROOKSHIRE WW-PROF FEES	25,000		(25,000)
BROOKSHIRE WW-MISC	34,000		(34,000)
Total	**750,000**		**(750,000)**
MAIN CANAL CROSSING-SERVICE		35,000	35,000
Total		**35,000**	**35,000**
SIPHON/RADIAL GATE IMPS-SERVIC	50,053		(50,053)
SIPHON/RADIAL GATE IMPS-PROF F		50,000	50,000
SIPHON/RADIAL GATE IMPS-MAT'L	7,875		(7,875)
Total	**57,928**	**50,000**	**(7,928)**
CANYON PRK PLNT EXPAN-STAFF		30,900	30,900
CANYON PRK PLNT EXPAN-BENEFITS		12,515	12,515
CANYON PRK PLNT EXPAN-A&G		10,197	10,197
CANYON PRK PLNT EXPAN-PROF FEE	300,000	300,000	
CANYON PRK PLNT EXPAN-MISC	1,000	1,000	
Total	**301,000**	**354,612**	**53,612**
MAXWELL DITCH CROSSING-SERVICE	78,300		(78,300)

GUADALUPE-BLANCO RIVER AUTHORITY
CONSOLIDATED - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total	**78,300**		**(78,300)**
SPILLGATE REPAIRS-SERV		2,350,000	2,350,000
SPILLGATE REPAIRS-PRO		478,000	478,000
SPILLGATE REPAIRS-MATL		935,000	935,000
SPILLGATE REPAIRS-MISC		5,000	5,000
Total		**3,768,000**	**3,768,000**
UPGRADE SUSP BRDG CBL SYS-SERV	65,000	175,000	110,000
UPGRADE SUSP BRDG CBL SYS-PROF		10,000	10,000
UPGRADE SUSP BRDG CBL SYS-MISC	1,000	2,000	1,000
Total	**66,000**	**187,000**	**121,000**
CAMPGROUND EXPANSION-MAT'L		25,000	25,000
Total		**25,000**	**25,000**
SCADA SYSTEM UPGRAGE-SERVICE	53,000		(53,000)
SCADA SYSTEM UPGRAGE-MATL'S	38,200		(38,200)
Total	**91,200**		**(91,200)**
OCEAN DRIVE UPGRADE-SERVICE	12,000	12,000	
Total	**12,000**	**12,000**	
PLAYGROUND UPGRADE-MAT'L	10,000		(10,000)
Total	**10,000**		**(10,000)**
REPLACE WTR ELEC PANLS-SERVICE	8,000	29,000	21,000
Total	**8,000**	**29,000**	**21,000**
EMERGENCY GEN INSTALL-SERVICE	124,000		(124,000)
EMERGENCY GEN INSTALL-MAT'L	5,000		(5,000)

GUADALUPE-BLANCO RIVER AUTHORITY
CONSOLIDATED - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
EMERGENCY GEN INSTALL-MISC	3,000		(3,000)
Total	**132,000**		**(132,000)**
BUILDING SECURITY SYSTEM-SERVI	10,800		(10,800)
Total	**10,800**		**(10,800)**
RESTROOM UPGRADE-SERVICE	12,000		(12,000)
Total	**12,000**		**(12,000)**
LOOP #1 RESTROOM ROOF-SERVICE		25,000	25,000
Total		**25,000**	**25,000**
ADD'L CAMPISTES/LAKEWOOD-MATLS	27,000		(27,000)
Total	**27,000**		**(27,000)**
CANAL BRIDGE CROSSING-MATL	5,000		(5,000)
Total	**5,000**		**(5,000)**
AUTOMATIC TRANSFER SWITCH-SERV	93,655		(93,655)
AUTOMATIC TRANSFER SWITCH-MATL	175,615		(175,615)
Total	**269,270**		**(269,270)**
TTHM MITIGATION-SERVICES		75,960	75,960
TTHM MITIGATION-PROF FEES		136,695	136,695
TTHM MITIGATION-MATERIALS		73,370	73,370
Total		**286,025**	**286,025**
REPLACE DUCTILE TRANS-SERVICE		51,000	51,000
PENSTOCK MANHOLE-PROF. FEES		2,000	2,000
PENSTOCK MANHOLE-MISC.		2,000	2,000

GUADALUPE-BLANCO RIVER AUTHORITY
CONSOLIDATED - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total		**55,000**	**55,000**
CLEAN OUT DIGESTOR/LARREMORE-S		190,000	190,000
REPLACE TIE BARS-PROF FEES		9,000	9,000
REPLACE TIE BARS-MATERIAL		18,000	18,000
REPLACE TIE BARS-MISC		3,000	3,000
Total		**220,000**	**220,000**
CHLORINE ROOM/CYLINDER PAD-SER		15,000	15,000
Total		**15,000**	**15,000**
TREATMENT PLANT IMPROV- SERV	206,850		(206,850)
TREATMENT PLANT IMPROV- PROF	26,250		(26,250)
TREATMENT PLANT IMPROV- MAT'L	15,750		(15,750)
TREATMENT PLANT IMPROV- MISC	1,050		(1,050)
Total	**249,900**		**(249,900)**
D.L.S. ERROSION REPAIRS-SERVIC	50,000	50,000	
D.L.S. ERROSION REPAIRS-PROF F	25,000	25,000	
D.L.S. ERROSION REPAIRS-MAT'L	30,000	30,000	
D.L.S. ERROSION REPAIRS-MISC	2,000	1,000	(1,000)
Total	**107,000**	**106,000**	**(1,000)**
TOTAL WIP - OPERATING	**2,373,759**	**8,903,547**	**6,529,789**

GUADALUPE-BLANCO RIVER AUTHORITY
CONSOLIDATED - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

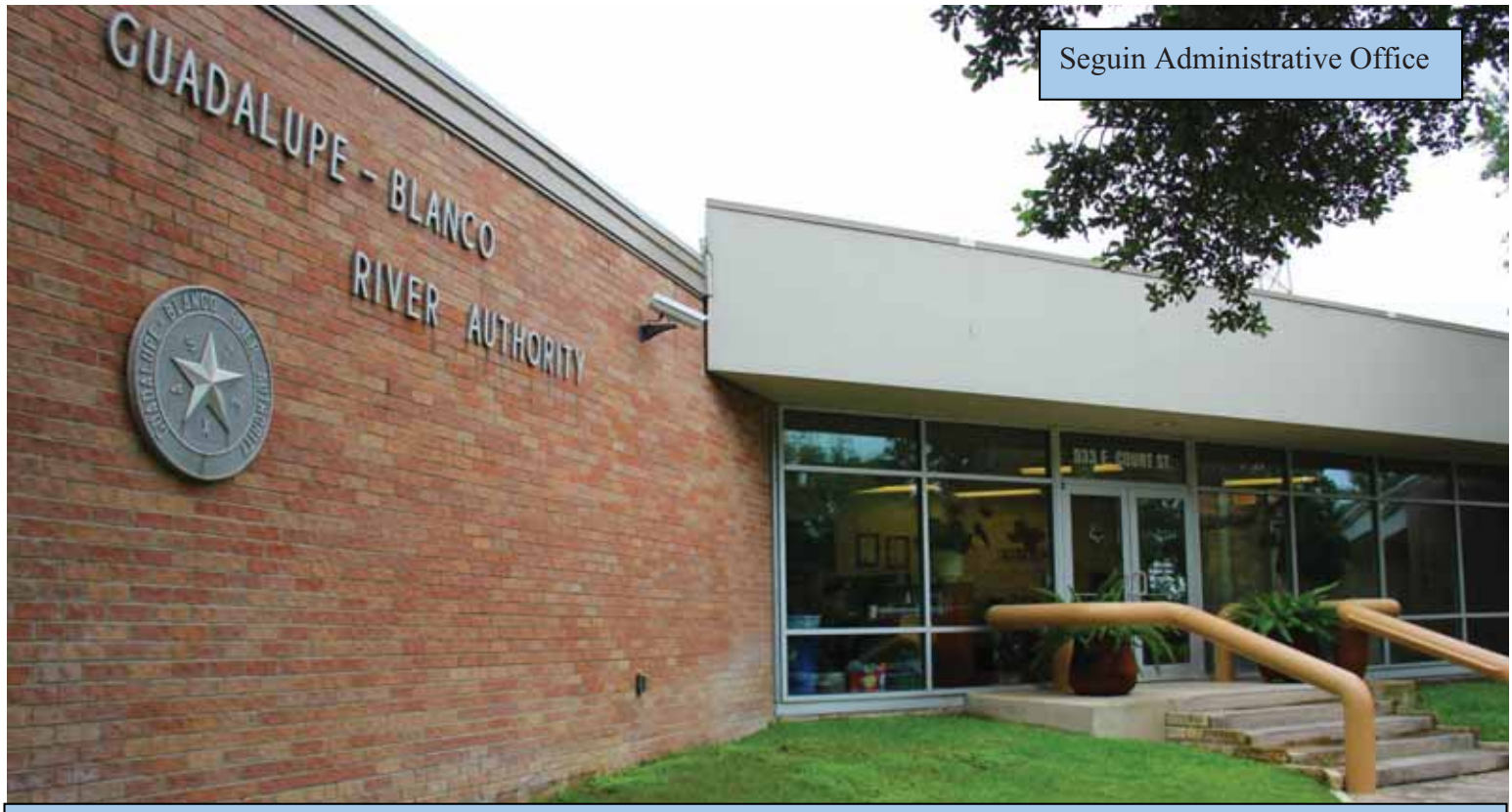
	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - CONSTRUCTION			
OFFICE RENOVATION/EXP-TRAVEL		10,000	10,000
OFFICE RENOVATION/EXP-SERVICES		320,000	320,000
OFFICE RENOVATION/EXP-PROF		4,000	4,000
OFFICE RENOVATION/EXP-CONST		3,230,000	3,230,000
OFFICE RENOVATION/EXP-MISC		2,000	2,000
Total		**3,566,000**	**3,566,000**
TOTAL WIP - CONSTRUCTION		**3,566,000**	**3,566,000**

GUADALUPE-BLANCO RIVER AUTHORITY
CONSOLIDATED - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2017 BUDGET
WATER RIGHTS	
GROUNDWATER LEASES-WATER SALES	28,000,000
SURFACE WATER RIGHTS-E.C.-WATER SALES	301,000
SURFACE WATER RIGHTS-G.D.-WATER SALES	550,000
SURFACE WATER RIGHTS-R.D.-WATER SALES	378,000
Total WATER RIGHTS	**29,229,000**
STRUCTURES & IMPROVEMENTS	
12 INCH VALVE ON RIO CORDILLERA-CORDILLERA WDS	10,000
REPLACEMENT TANK FOR UNIT 104-CORDILLERA WDS	20,000
Total STRUCTURES & IMPROVEMENTS	**30,000**
LABORATORY EQUIPMENT	
OIL AND GREASE ANALYZER-REGIONAL LABORATORY	32,000
OIL AND GREASE SPEED VAP REPLACEMENT-REGIONAL LABORATORY	3,900
Total LABORATORY EQUIPMENT	**35,900**
WATER METERS & EQUIPMENT	
RAINFALL GAUGES-HAYS TELEMETRY NETWORK (2)-WATER SALES	9,000
Total WATER METERS & EQUIPMENT	**9,000**
AUTO & HEAVY EQUIPMENT	
2 NEW TRUCKS FOR INSPECTORS-GENERAL DIVISION	80,000
CAMPER SHELL FOR REPLACEMENT VEHICLE-GENERAL DIVISION	2,000
COMMERCIAL LAWN MOWER-GENERAL DIVISION	12,500
REPLACEMENT VEHICLE-GENERAL DIVISION	33,000
REPLACE MAINTENANCE TRUCK-GV HYDROELECTRIC DIVISION	37,000
MANURE SPREADER-RUD SYSTEMS	40,000
1/2 TON CREW CAB-CALHOUN CANAL	20,000
IN PLANT VEHICLE-BUDA WWTP	5,000
COMPUTER EQUIPMENT-WESTERN CANYON WTP	3,000
FRONT LOADER WITH BRUSH CUTTER-WESTERN CANYON WTP	20,000
LASER TRACK TURBIDIMETERS-WESTERN CANYON WTP	55,000
OFFICE COPIER-WESTERN CANYON WTP	8,000
SCADA UPGRADES-WESTERN CANYON WTP	75,000
TRUCK TO REPLACE CRANE DISTRIBUTION TRUCK-WESTERN CANYON WTP	30,000
TRUCK TO REPLACE TRUCK 205-WESTERN CANYON WTP	30,000
REPLACE TANK COVERS-CORDILLERA WWTP	20,000
2 PRESSURE REDUCING VALVES-COMAL TRACE WDS	12,000
COMMERCIAL ZTR GROUNDS MOWER-COLETO CREEK RECREATION	10,000
Total AUTO & HEAVY EQUIPMENT	**492,500**

GUADALUPE-BLANCO RIVER AUTHORITY
CONSOLIDATED - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2017 BUDGET
OFFICE FURN. & EQUIP.	
COMPUTER HARDWARE-GENERAL DIVISION	28,500
OFFICE FURNITURE-WATER SALES	5,000
TTHM ANALYZER-WESTERN CANYON WTP	40,000
CONTROL ROOM CHAIR-GV HYDROELECTRIC	2,000
COPIER/PRINTER/SCANNER-GV HYDROELECTRIC	5,000
Total OFFICE FURN. & EQUIP	**80,500**
MISCELLANEOUS EQUIPMENT	
SONDE LINE LOCATOR-CANYON PARK WWTP AND DUNLAP WWTP	3,500
LAB EQUIPMENT-RUD SYSTEMS	10,000
2 ROLL-OFF CONTAINERS-RUD SYSTEMS	10,000
LAWN MOWER-RUD SYSTEMS	4,000
4 PADS FOR ROLL-OFF CONTAINERS-RUD SYSTEMS	30,800
CHLORINE DIOXIDE GENERATOR-SAN MARCOS WTP	349,714
REPLACEMENT MODULES-WESTERN CANYON WTP	360,000
GATE WORK TRAILER-GV HYDROELECTRIC	6,000
TWO AUTOMATIC FLUSH-RURAL WATER DIVISION	6,000
MOWER-LULING WTP	9,500
Total MISCELLANEOUS EQUIPMENT	**789,514**
TOTAL CAPITAL ADDITIONS	**30,666,414**



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.

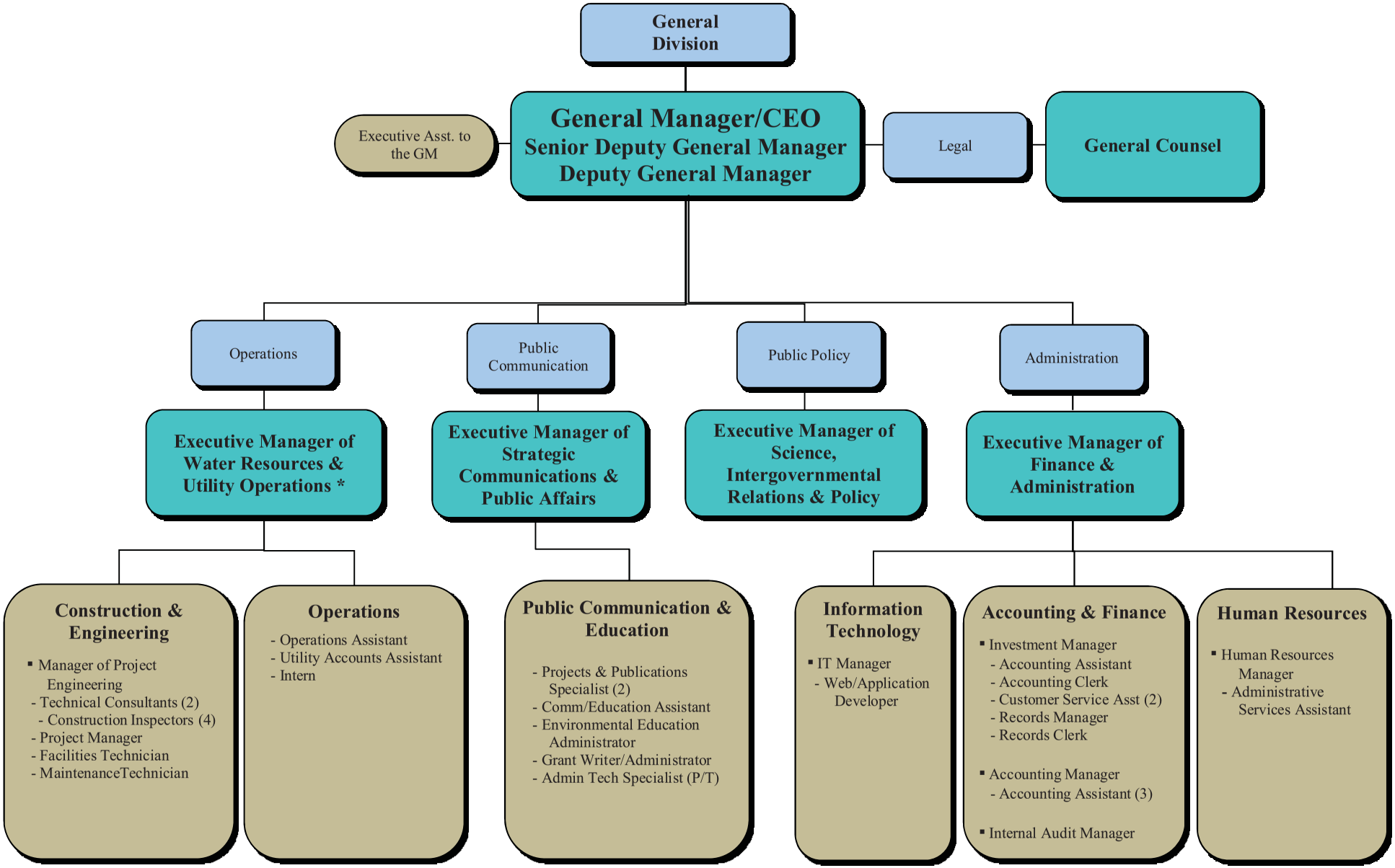
Engineering conducts hydrology and flow monitoring studies; assists with water and wastewater plant design services and process evaluation, monitors basin rainfall conditions including surface run-off for streams, rivers, lakes, and groundwater in the Guadalupe River Basin; coordinates with the National 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.

Guadalupe-Blanco River Authority
General Division Organizational Chart



* GBRA employee from another Division

Staffing Summary

General	# of Authorized Positions (FTE)		
	2015	2016	2017
General Manager/CEO	1	1	1
Senior Deputy General Manager	---	---	1
Deputy General Manager	---	---	1
Executive Manager of Finance & Administration	1	1	1
Executive Manager of Science, Intergov't Relations & Policy	1	1	1
Executive Manager of Strategic Comm. & Public Affairs	1	1	1
General Counsel	1	1	1
Manager of Project Engineering	1	1	1
Technical Consultant	2	2	2
Human Resources Manager	1	1	1
Accounting Manager	1	1	1
Executive Assistant to the General Manager	1	1	1
Grant Writer/Administrator	1	1	1
Internal Audit Manager	---	---	1
Investment Manager	1	1	1
IT Manager	1	1	1
Project Manager	1	1	1
Web/Application Developer	1	1	1
Environmental Education Administrator	1	1	1
Projects & Publications Specialist	2	2	2
Facilities Technician	1	1	1
Operations Assistant	1	1	1
Accounting Assistant	4	4	4
Administrative Services Assistant	1	1	1
Construction Inspector	4	4	4
Records Manager	1	1	1
Accounting Clerk	0.5	0.5	1
Communications/Education Assistant	1	1	1
Administrative Technical Specialist	0.5	0.5	0.5
Maintenance Technician	1	1	1
Customer Service Assistant	2	2	2
Utility Accounts Assistant	1	1	1
Records Clerk	1	1	1
Intern	1	1	1
Total	**39**	**39**	**42.5**

Changes from FY 2015 to FY 2016

No staffing changes for this division.; * Operations Secretary position changed to Utility Accounts Assistant

Unfunded Positions in FY16: Technical Consultant II, Project Manager, 4-Construction Inspectors, Accounting Assistant I, Maintenance Technician, &Intern

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

Unfunded Positions in FY17: Technical Consultant II, Project Manager, 2-Construction Inspectors, Accounting Assistant I, and an Intern

Budget Summary

Division: **General**

Description

The General Division provides administrative, technical, and support services to GBRA's operating divisions in a variety of areas including accounting and finance, customer and public communications, records management, engineering, construction supervision, human resources, governing board matters and information technology. General Division revenues are derived from investments in eligible securities as well as administrative and general (A&G) charges to operating divisions. These A&G charges recover the administrative expenses, which the General Division incurs on behalf of each operating division.

Objectives

The following objectives are the division's operating plan in working toward the goals and objectives as outlined in the mission statement.

WATER RESOURCE MANAGEMENT GOAL

Finance & Administration

To … maintain accurate and reliable accounting records with five or fewer year-end audit adjustments, thereby providing the necessary foundation for sound financial decisions throughout the year.

To … collaborate with each division emphasizing employee growth and development.

Community & Economic Development

To … solicit constituent input for developing and implementing basin-wide water related initiatives and presence in each of the counties in the basin.

Engineering

To … periodically conduct an upper and a lower basin workshop with Emergency Management Coordinators and Flood Plain Administrators throughout the Guadalupe Basin.

Project Development

To ... assist in facilitating the planning and customer support for the development of additional water sources for the basin and to develop short and long term alternatives to provide treated water supplies to the SH 130 area, including Hays and Caldwell Counties.

To ... continue to develop regional wastewater treatment facilities and in particular, for the rapidly growing Bulverde area of Comal County.

To … explore long-term regional wastewater treatment programs with in-district customers.

To … develop retail water and wastewater services through the application and approvals of certificates of convenience and necessity (CCNs).

To ... explore short and long-term regional water supply programs through participation with the TWDB, South Texas Water Alliance and other area and regional interests.

To ... educate the public on water supply, recreation, water quality and other related issues by conducting periodic customer briefings.

To ... maintain active files of water conservation plans for each city above 5,000 populations in the District and to assist other entities in the development of drought contingency plans.

To … investigate the development of groundwater sources and the purchase of surface water rights to improve the reliability, delivery, and supply of water in the District.

Public Communication and Education
To … support communication outreach regarding the continuation of environmental studies in the lower Guadalupe watershed and other efforts to promote regional water planning policies and projects.

To … assist other GBRA divisions with education and public communication for new water supply projects.

To … provide enhancements to the GBRA website, including an education section for teachers and students.

To … provide schools within the District with environmental information and project assistance.

Water Policy
To … design policies and prepare the necessary legislation to implement the Mid-Basin Water Supply Project in coordination with our partners.

WATER QUALITY GOAL

Finance & Administration
To … print monthly public awareness messages on each of GBRA's billings to water and wastewater retail and wholesale customers promoting the understanding of water quality issues.

Engineering
To … assist with the Clean Rivers Program activities to include GIS mapping, flow measurements, and working on special projects.

Project Development
To ... work with all entities to reduce nutrients entering the Guadalupe River.

To … conduct regional water and wastewater studies and to develop partnerships for resource protection. To continue efforts for watershed protection planning and implementation.

To … operate existing wastewater treatment facilities and to solicit service agreements and development agreements necessary to develop, permit and construct expanded facilities for wastewater service throughout the basin, with specific concentration on the Bulverde area and SH 130 area, including Hays and Caldwell Counties.

Public Communication and Education
To … produce communications that emphasize GBRA's role in basin-wide water quality testing and management, including how to prevent water pollution and protect water quality.

To ... add content to the GBRA website that highlights GBRA water treatment and wastewater treatment facilities and their role in protecting water quality.

To … continue to assist with production of Consumer Confidence Reports (CCR's).

To … have GBRA's Communications and Education Department with the Clean Rivers Program, provide tours of GBRA facilities, and create materials for teachers that promote appreciation and awareness of water quality issues.

To … update and enhance displays and water shed models that promote awareness of GBRA and water-related issues.

Water Policy
To … design policies and prepare any required legislation to assist in maintaining the Guadalupe River as one of the most pristine rivers in Texas.

PUBLIC SERVICES GOAL

Finance & Administration
To … update telephone public service messages to provide current information to customers.

To … stay abreast of the current laws to maintain compliance with the Public Information Act.

Community & Economic Development

To … implement a program that encourages all of GBRA's employees to be active in their respective communities. This program may include a means of recognizing employees for their contributions to their communities as well as economic development, tourism programs and to provide regular contact with elected officials, Chambers of Commerce and Economic Development organizations and local utilities to promote GBRA activities and assistance

Engineering
To … cooperate with the National Weather Service and other agencies in hosting public meetings or forums after major flood events to further public education and flood awareness.

Project Development
To … continue to conduct lake management meetings, to address issues impacting area lakes.

To ... update flood preparedness plans, and to continue to educate the public on flood-related issues along the hydroelectric lakes.

To … conduct workshops for area recreation "outfitters", chambers of commerce, business interests, and local officials on the operation of Canyon Reservoir and recreation use.

To … distribute a Technical Assistance Video and Prospectus to develop new water and wastewater services and projects and to expand public awareness of GBRA's technical expertise.

Public Communication and Education
To … continue to provide publicity and staff support for public service projects, meetings and forums, including an annual workshop for area recreation constituents.

To … produce news releases, literature, handouts and other materials that will help the public better understand water and environmental issues.

To … continue the telephone public service message project by regularly updating GBRA scripts for callers 'on hold'.

Water Policy
To … develop GBRA policies with the input of our customers.

ECONOMIC DEVELOPMENT GOAL

Finance & Administration
To … educate all GBRA divisions on the use of Historically Underutilized Businesses (HUBs) and purchases through the Texas Procurement and Support Services Program.

Community & Economic Development

To ... implement the GBRA economic development program as approved by the GBRA Board of Directors.

To … develop relationships with each community's economic development and tourism leaders, as well as elected officials, chambers of commerce, utilities, and community leaders and to offer GBRA assistance.

To … assist communities with corporate recruitment and retention.

Engineering
To … participate in the development of GIS systems to avoid duplication of effort on GBRA's GIS system.

Project Development
To … develop cooperative agreements with local governmental entities for cost sharing of joint projects for local water and wastewater facilities.

Public Communication and Education
To … assist Economic Development and other departments with publicity and public communications regarding community programs, projects and GBRA's contributions in those areas.

To … support the Canyon Gorge project by assisting with docent training and providing tours for members of the education and higher education communities.

To … assist with updating Power Point presentations on each GBRA division for local service club programs and development of new business opportunities for GBRA.

Water Policy
To … assist other departments to meet economic development goals as needed.

TECHNICAL ASSISTANCE AND SUPPORT GOAL

Finance & Administration

To … participate in at least two personal development training courses.

To … periodically review & update the disaster recovery plan for the data processing system.

To … enhance the level of knowledge, development and expertise of the employees by providing a formalized training program.

Community & Economic Development

To … maintain updated profiles for each community by taking inventory of each community's assets, thus providing core information for corporate recruitment.

Engineering

To … continue to provide interpretation of flood plain hydrology and other technical support for flood plain administrators within the District, as needed, to ensure local communities have the means to administer an effective flood plain management program.

To … attend at least one professional and/or technical training program per year by each employee as needed to maintain professional/technical certification and/or to obtain professional goals and proficiency.

Project Development

To … develop the GBRA-U program for coordination of training for use by GBRA and local utilities for water and utility safety training, regulatory updates, and technical education.

Public Communication and Education

To … continue updating the public communication portion of the GBRA database, update the training manual and provide training and current information on all contacts, thus eliminating the need for the maintenance of separate mailing lists.

To … continue enhancement of the GBRA website by working with the Web/Application Developer to update existing content and to continue to develop new materials such as educational flash animation and video clips.

To … acquire in coordination with the Chief Engineer and Information Technology staff, the appropriate software for introductory and intermediate level Geographic Information System production.

Water Policy

To … assist other departments to meet technical assistance and support goals as needed.

COMMUNICATION AND EDUCATION

Finance & Administration

To … continue to prepare an annual budget program meeting the high standards of the Government Finance Officers Association that accurately conveys GBRA's short and long-term role in major water related issues.

To ... utilize the comment section of employee payroll checks to educate employees on GBRA programs and resources.

To … expand the accounting program accessibility, including the records management system, throughout the organization.

To … foster a positive and supportive working environment by being responsive and sensitive to the individual needs of employees.

To … be a liaison with benefit insurers and communicate benefits to employees.

Engineering

To … develop additional water resources poster to use with existing educational programs.

Project Development

To … cultivate a positive image of GBRA by participation in community, public, and association activities and by serving as a reference for programs and provide research assistance.

To ... develop a water education program for students throughout the district to learn more about water-related issues, specifically as they relate to GBRA operations and careers.

To ... develop a GBRA speaker's bureau to inform the public of GBRA projects, services, and water-related issues.

Public Communication and Education

To … help foster a positive public image of GBRA, including producing literature and materials to increase public awareness of mission and programs.

To … take GBRA to civic and community leaders, and participate in public cooperative projects such as Earth Day activities and other events.

To … work with Basin schools by providing water-related programs and lessons, update GBRA's elementary and secondary water-related curricula as needed, and continue to provide teacher training and workshops.

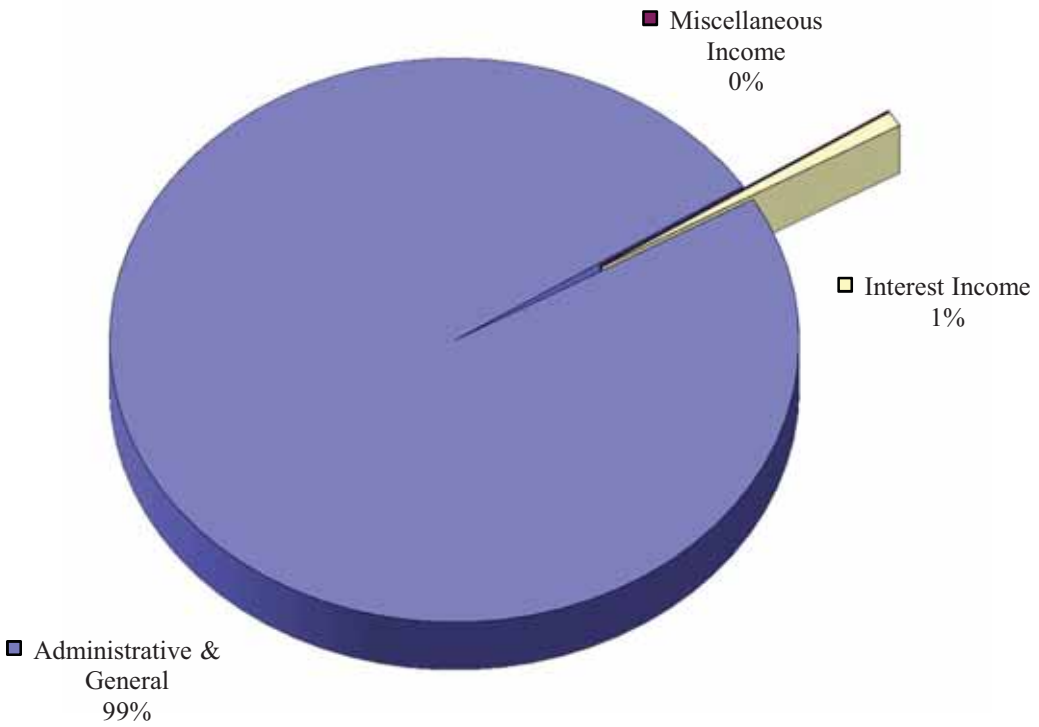
To … begin development of plans for an Upper Basin Environmental Learning Center to exemplify appreciation and understanding of cultural resources and water resource stewardship.

To … acquire the appropriate Geographic Information System software, and in coordination with the Chief Engineer, begin assisting GBRA divisions by producing basic GIS maps.

Water Policy
To … communicate GBRA policies throughout the District.

Budget Summary

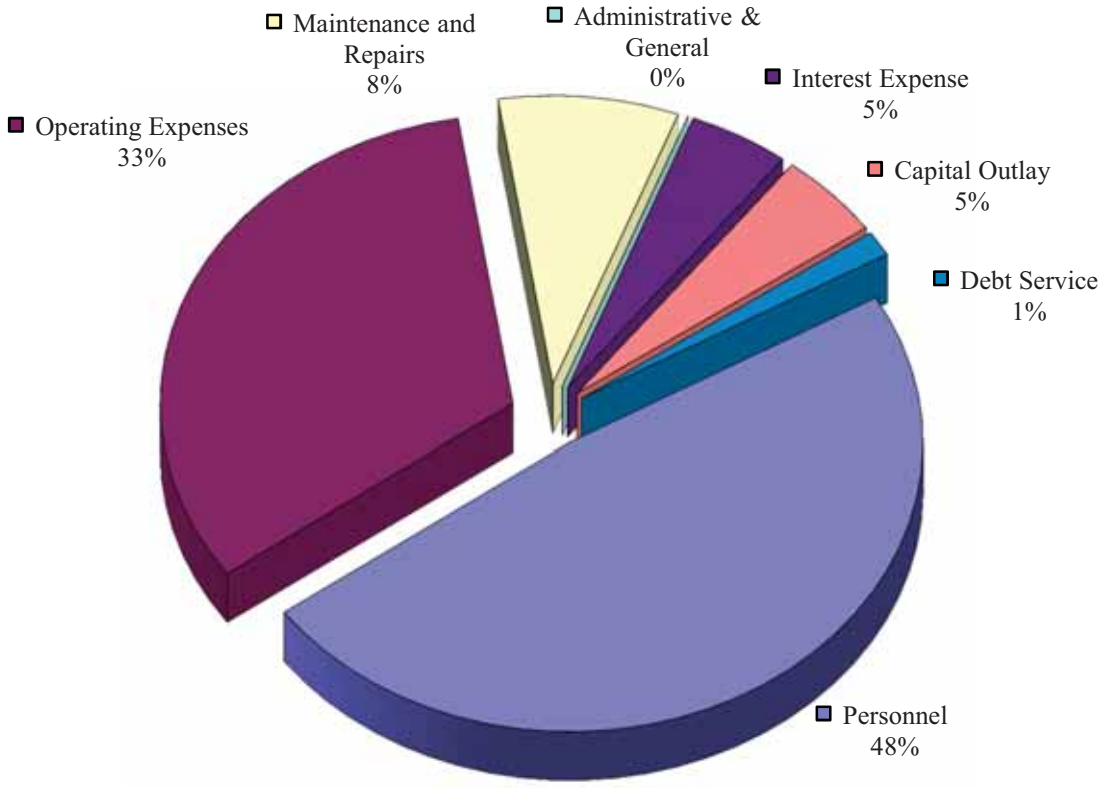
REVENUES - General



Revenues	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals			
Administrative & General	2,788,639	3,142,983	3,314,943
Miscellaneous Income	5,475		
Total Operating Revenue	**2,794,115**	**3,142,983**	**3,314,943**
Interest Income	22,305	25,620	29,340
Grand Total Revenues	**2,816,420**	**3,168,603**	**3,344,283**

Budget Summary

EXPENSES - General



Expenses	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Personnel	1,070,916	1,197,192	1,561,302
Operating Expenses	1,064,872	1,291,425	1,048,796
Maintenance and Repairs	175,586	344,575	267,475
Administrative & General			
Total Operating Expenses	**2,311,374**	**2,833,192**	**2,877,573**
Interest Expense			150,000
Capital Outlay	13,776	119,500	156,000
Debt Service			45,156
Grand Total Expenses	**2,325,151**	**2,952,692**	**3,228,729**

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General Division
Operating Plan for Fiscal Year Ending 8/31/17

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, governing board matters, employee benefits administration, engineering, construction supervision, hydrology, project planning, permit acquisition, land acquisition, public communication, and public education.

The General Division employs approximately 29 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 approximately 99% of 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 2017 is estimated at $3,314,943. Most of the remainder of the Division's revenue is from interest on investments in the amount of $29,340.

The total revenue budgeted for the General Division in FY 2017 is approximately 5% more than the previous year due.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The work plan for FY 2017 includes a projected 1.6% increase in total budgeted operating and maintenance expenditures. The largest single cost component of the Division budget is personnel costs at $1,561,302. This cost represents nearly 54% of the division's total operating budget. Other significant expenditures in FY 2017 are for power and utilities at $90,000, professional fees at $276,900 and computer supplies, services and software costs at $146,675.

An additional major expenditure budgeted for FY 2017 is a $3,566,000 expansion of GBRA's Seguin Office Headquarters. This expansion, which will be funded through mortgage proceeds, is needed to provide added personnel space coincident with GBRA's continued operational growth.

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, GBRA anticipates that revenue less the operating and capital expenditures that are shown in the following pages will result in the Division's fund balance increasing from operating activities by $111,485. However, some of GBRA's operating divisions will require financial assistance in the form of interfund loans from the General Division in the amount of $4,222,000. This significant amount is principally due to financial assistance required within the Guadalupe Valley Hydroelectric Division as GBRA initiates some substantial repairs to the 90+ year old hydroelectric spillgates. Therefore, the availability of funding within the General Division should decrease by a net amount of $4,110,515.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

010 - GENERAL

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
ADMIN & GEN INCOME:			
A & G - OPERATIONS	2,873,910	3,124,101	250,191
A & G - PROJECT DEVELOP.	269,073	190,842	(78,231)
Total ADMIN & GEN INCOME	**3,142,983**	**3,314,943**	**171,960**
TOTAL OPERATING REVENUES	**3,142,983**	**3,314,943**	**171,960**
OPERATING EXPENSES			
SUPERVISION	499,744	665,643	165,898
LABOR	263,948	308,277	44,329
Total OPERATING SALARIES & WAGES	**763,692**	**973,920**	**210,228**
DIRECTOR'S FEES & EXPENSES:			
DIRECTORS' FEES	27,000	27,000	
DIRECTORS' EXPENSES	25,000	25,000	
DIR. FEES-LEGISLATIVE ADV	500	500	
DIR. EXPS-LEGISLATIVE ADV	500	500	
DIRECTORS' ADM. EXPS.	17,500	17,500	
Total DIRECTOR'S FEES & EXPENSES	**70,500**	**70,500**	
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	26,000	30,000	4,000
EMP. TRVL-LEGISLATIVE ADV	100	100	
EMPLOYEE BENEFITS	337,575	441,378	103,804
Total EMPLOYEE EXPENSES & BENEFITS	**363,675**	**471,478**	**107,804**
OPERATING SUPPLIES & SERVICES:			
AUTO OPERATING EXPENSES	23,000	20,000	(3,000)
BUILDING RENTAL	156,390	123,996	(32,394)
PUBLIC INFORMATION	7,500	7,500	
LEGISLATIVE ADVOCACY	5,000	2,500	(2,500)
PC-MEDIA EXPENSES	3,000	5,000	2,000
PC-SPECIAL PROJECTS	12,000	12,000	
PC-ANNUAL FINANCIAL REPORT	20,000	20,000	
PC-PROMOTIONAL MATERIAL	5,000	7,500	2,500
DUES AND MEMBERSHIPS	12,000	12,000	
DUES-LEGISLATIVE ADVOCACY	6,500	3,000	(3,500)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

010 - GENERAL

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
PUBLICATIONS AND BOOKS	10,000	10,000	
SMALL TOOLS EXPENSE	100	100	
EMPLOYEE RELATIONS	20,000	20,000	
EMP VOLUNTEER PROGRAM	35,000	20,000	(15,000)
UNIFORMS AND LAUNDRY	5,000	6,000	1,000
TRAINING EXPENSES	25,000	25,000	
SAFETY & EMERG. EXPENSES	750	2,000	1,250
SECURITY EXPENSE	7,500	10,000	2,500
POWER AND UTILITIES	100,000	90,000	(10,000)
PROFESSIONAL FEES	323,860	200,300	(123,560)
PROF. FEES-LEGIS. ADVOC.	135,000	76,600	(58,400)
CONTRACT LABOR	1,000		(1,000)
COMMUNICATIONS	18,000	20,000	2,000
OFFICE SUPPLIES & EXPENSES	26,000	34,325	8,325
COMPUTER SUPPLIES & SERVICE	128,525	124,675	(3,850)
OFFICE SERVICES	20,500	18,000	(2,500)
KITCHEN & JANITOR SUPPLY	10,000	8,500	(1,500)
POSTAL EXPENSES	10,000	10,000	
REPRODUCTION/DUPLICATING	26,000	26,000	
OFFICE DECOR	2,500	2,500	
RECORDS MANAGEMENT	17,200	17,200	
GRAPHICS SUPPLIES	8,000	6,000	(2,000)
SOFTWARE EXPENSES	22,800	22,000	(800)
STORAGE EXPENSE	100	100	
BANK SERVICE FEES	6,500	6,500	
INSURANCE EXPENSE	41,200	37,000	(4,200)
MISCELLANEOUS EXPENSES	20,000	20,000	
Total OPERATING SUPPLIES & SERVICES	**1,270,925**	**1,026,296**	**(244,629)**
MAINTENANCE & REPAIR			
LABOR	69,826	115,904	46,078
MATERIAL	28,600	31,750	3,150
SERVICES	315,975	235,725	(80,250)
Total MAINTENANCE & REPAIR	**414,401**	**383,379**	**(31,022)**
CREDITS:			
EQUIPMENT USE CREDITS	(50,000)	(48,000)	2,000

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

010 - GENERAL

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total CREDITS	**(50,000)**	**(48,000)**	**2,000**
TOTAL OPERATING & MAINTENANCE	**2,833,192**	**2,877,573**	**44,381**
TOTAL OPERATING EXPENSES	**2,833,192**	**2,877,573**	**44,381**
NET OPERATING INCOME	**309,791**	**437,370**	**127,579**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

010 - GENERAL

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	3,142,983	3,314,943	171,960
OPERATING EXPENSES	(2,833,192)	(2,877,573)	(44,381)
NET OPERATING INCOME	**309,791**	**437,370**	**127,579**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON OPERATING FUNDS	18,000	20,400	2,400
INT ON NOW ACCTS	660	900	240
INT ON RESTRICTED FUND	300	360	60
INT ON INSURANCE FUND	4,800	5,400	600
INT ON WORKERS COMP FUND	1,560	1,920	360
INT-PROP RESERVE	300	360	60
Total INTEREST INCOME	**25,620**	**29,340**	**3,720**
INTEREST & BANK FEES:			
INT ON LONG TERM LOANS		(150,000)	(150,000)
Total INTEREST & BANK FEES		**(150,000)**	**(150,000)**
TOTAL NON-OPERATING REVENUES (EXPENSES)	**25,620**	**(120,660)**	**(146,280)**
CHANGE IN NET ASSETS	**335,411**	**316,710**	**(18,701)**
CHANGE IN RESTRICTED FUNDS:			
SOURCE-CHANGE IN RESTR. FUNDS		4,222,000	4,222,000
Total CHANGE IN RESTRICTED FUNDS		**4,222,000**	**4,222,000**
DEBT CAPITAL			
BANK LOAN RECEIVABLE		3,566,000	3,566,000
Total DEBT CAPITAL		**3,566,000**	**3,566,000**
TOTAL FUNDS AVAILABLE	**335,411**	**8,104,710**	**7,769,299**
PURCHASES OF FIXED ASSETS			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

010 - GENERAL

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
AUTO & HEAVY EQUIPMENT	70,000	127,500	57,500
OFFICE FURN & EQUIPMENT	49,500	28,500	(21,000)
Total PURCHASES OF FIXED ASSETS	**119,500**	**156,000**	**36,500**
WORK IN PROGRESS			
WIP-CONSTRUCTION		3,566,000	3,566,000
Total WORK IN PROGRESS		**3,566,000**	**3,566,000**
CHANGE IN RESTRICTED FUNDS	**6,960**	**8,040**	**1,080**
INTERFUND LOANS:			
HYDRO GEN LOANS MADE	11,500	4,210,000	4,198,500
COLETO CRK REC LOANS MADE	21,800	12,000	(9,800)
Total INTERFUND LOANS	**33,300**	**4,222,000**	**4,188,700**
DEBT SERVICE			
BANK LOAN PAID		45,156	45,156
Total DEBT SERVICE		**45,156**	**45,156**
TOTAL FUNDS APPLIED	**159,760**	**7,997,196**	**7,837,436**
NET CHANGE IN FUND BALANCE	**175,651**	**107,514**	**(68,137)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

010 - GENERAL

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
SUPERVISION:			
SUPERVISION	494,389	653,990	159,600
SUP- SAFETY & TRAINING	1,365	5,216	3,851
SUP- LEGISLATIVE ADVOCACY	1,292	3,123	1,831
SUP- MEDIA	1,840	1,962	122
SUP- EMPLOYEE RELATIONS	858	1,353	495
Total SUPERVISION	**499,744**	**665,643**	**165,898**
OPERATING LABOR:			
CLERICAL	255,512	286,829	31,317
REG- SAFETY & TRAINING	1,679	1,808	129
CLR- EMPLOYEE RELATIONS	2,670	10,950	8,280
OVT- CLERICAL LABOR	4,086	7,473	3,386
OVT- EMPLOYEE RELATIONS		1,217	1,217
Total OPERATING LABOR	**263,948**	**308,277**	**44,329**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OFFICE COMPLEX	40,560	51,566	11,006
REG/LBR- AIR CONDITIONING	3,120	7,844	4,724
REG/LBR- ELECTRICAL	15,600	18,128	2,528
REG/LBR- OFFICE EQP,FURN.	1,248	2,109	861
REG/LBR- GROUNDS	3,370	28,346	24,976
REG/LBR- POND	1,248		(1,248)
Total M&R-LABOR	**65,146**	**107,993**	**42,848**
M&R-OVERTIME:			
OVT/LBR- OFFICE COMPLEX	4,680	7,910	3,230
Total M&R-OVERTIME	**4,680**	**7,910**	**3,230**
Total MAINTENANCE & REPAIR	**69,826**	**115,904**	**46,078**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**833,518**	**1,089,823**	**256,306**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

010 - GENERAL

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OFFICE COMPLEX	40,560	51,566	11,006
REG/LBR- AIR CONDITIONING	3,120	7,844	4,724
REG/LBR- ELECTRICAL	15,600	18,128	2,528
REG/LBR- OFFICE EQP,FURN.	1,248	2,109	861
REG/LBR- GROUNDS	3,370	28,346	24,976
REG/LBR- POND	1,248		(1,248)
OVT/LBR- OFFICE COMPLEX	4,680	7,910	3,230
Total LABOR	**69,826**	**115,904**	**46,078**
MATERIAL:			
M&R/MAT- OFFICE COMPLEX	4,100	5,000	900
M&R/MAT- AIR CONDITIONING	4,900	4,900	
M&R/MAT- ELECTRICAL	3,900	5,000	1,100
M&R/MAT- OFFICE EQP,FURN.	1,500	1,500	
M&R/MAT- GROUNDS	10,000	10,000	
M&R/MAT- POND	1,200	1,200	
M&R/MAT- SEDANS	1,000	2,150	1,150
M&R/MAT- PLUMBING	1,000	1,000	
M&R/MAT- OTHER	1,000	1,000	
Total MATERIAL	**28,600**	**31,750**	**3,150**
SERVICES:			
M&R/SER- OFFICE COMPLEX	80,000	85,000	5,000
M&R/SER- AIR CONDITIONING	21,000	20,000	(1,000)
M&R/SER- ELECTRICAL	1,500	3,000	1,500
M&R/SER- OFFICE EQP,FURN.	5,125	5,125	
M&R/SER- GROUNDS	100,000	109,000	9,000
M&R/SER- POND	1,000	1,000	
M&R/SER- SEDANS	6,750	9,000	2,250
M&R/SER- PLUMBING	3,600	3,600	
M&R/SER- OTHER	97,000		(97,000)
Total SERVICES	**315,975**	**235,725**	**(80,250)**
TOTAL MAINTENANCE & REPAIR	**414,401**	**383,379**	**(31,022)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

010 - GENERAL

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - CONSTRUCTION			
OFFICE RENOVATION/EXP-TRAVEL		10,000	10,000
OFFICE RENOVATION/EXP-SERVICES		320,000	320,000
OFFICE RENOVATION/EXP-PROF		4,000	4,000
OFFICE RENOVATION/EXP-CONST		3,230,000	3,230,000
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, 2017

GENERAL

	FY 2017 BUDGET
AUTO & HEAVY EQUIPMENT	
2 NEW TRUCKS FOR INSPECTORS	80,000
CAMPER SHELL FOR REPLACEMENT VEHICLE	2,000
COMMERCIAL LAWN MOWER	12,500
REPLACEMENT VEHICLE	33,000
Total AUTO & HEAVY EQUIPMENT	**127,500**
OFFICE FURN. & EQUIP.	
COMPUTER HARDWARE	28,500
Total OFFICE FURN. & EQUIP.	**28,500**
TOTAL CAPITAL ADDITIONS	**156,000**

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 Nolte and Lake Placid in Guadalupe County and at Lakes H-4 (Lake Gonzales) and H-5 (Lake Wood) in Gonzales County.

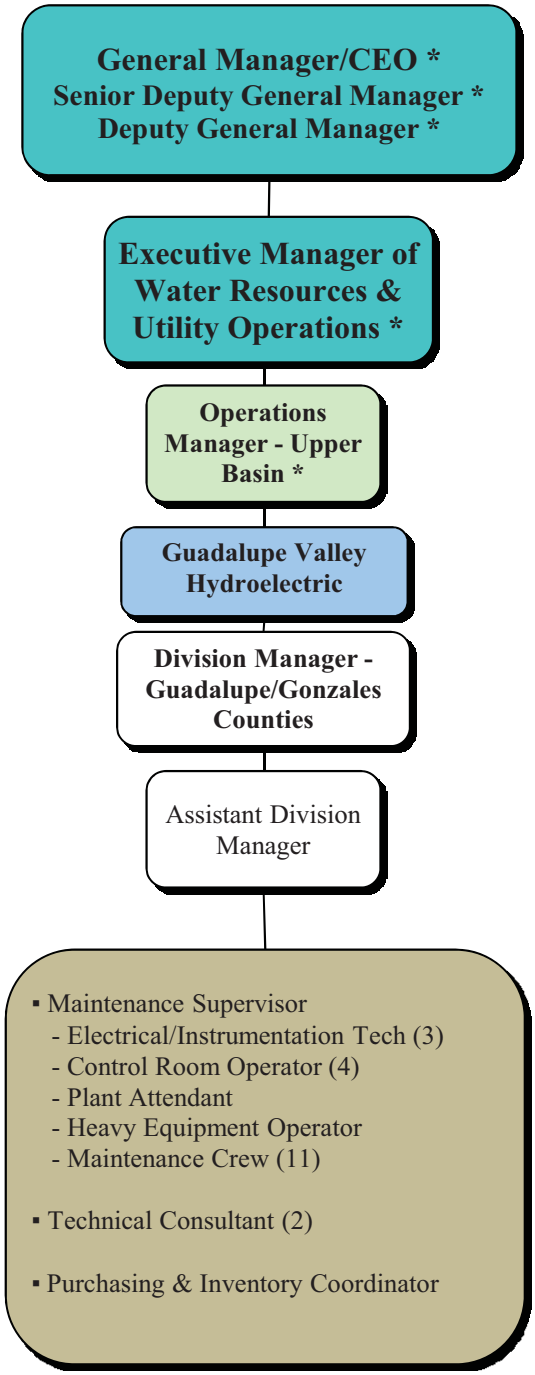
GBRA Purchase Date: 1963 (purchased hydro plants from the Texas Power Corporation and the Texas Hydro-Electric Corporation).

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: 22
- Budgeted Revenue: $3,497,765

Guadalupe Valley Hydroelectric Division Organizational Chart



* GBRA employee from another Division

Staffing Summary

G.V. Hydroelectric	# of Authorized Positions (FTE)		
	2015	2016	2017
Division Manager - Guadalupe/Gonzales Co.	1	1	1
Assistant Division Manager	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	11	11	11
Total	**26**	**26**	**26**

Changes from FY 2015 to FY 2016
No staffing changes for this division

Unfunded Positions in FY16: Maintenance Supervisor II, 2-Maintenance Crew

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

Unfunded Positions in FY17: 2-Maintenance Crew

Budget Summary

Division: **Guadalupe Valley Hydroelectric**

Description

The Guadalupe Valley Hydroelectric Division operates six low-head hydroelectric plants in Guadalupe and Gonzales Counties that generate electricity for the Guadalupe Valley Electric Cooperative (GVEC). Division personnel are responsible for the operation and maintenance of the generating stations as well as the associated dams, transmission lines and substations, ancillary equipment and adjacent properties.

Objectives

The following objectives are the division's operating plan in working toward the goals and objectives as outlined in the mission statement.

WATER RESOURCE MANAGEMENT GOAL

To … assure a high level of reliability of the Hydroelectric Division spillway gates by cleaning, inspecting and performing necessary maintenance on at least five gates each year to maintain a readiness for flood water management.

WATER QUALITY GOAL

To … reduce the possibility and impact of oil leaks by continually monitoring oil seals and oil containment barriers at all six hydroelectric power plants.

PUBLIC SERVICES GOAL

To … provide Hydroelectric Division employees with annual training and testing in safety, first aid and CPR to achieve a level of confidence and competence that will encourage assistance to the public in need.

ECONOMIC DEVELOPMENT GOAL

To … offer Hydroelectric Division expertise and equipment to assist with at least two clean-up projects on the hydro lakes to enhance economic development and customer relations in the district.

TECHNICAL ASSISTANCE AND SUPPORT GOAL

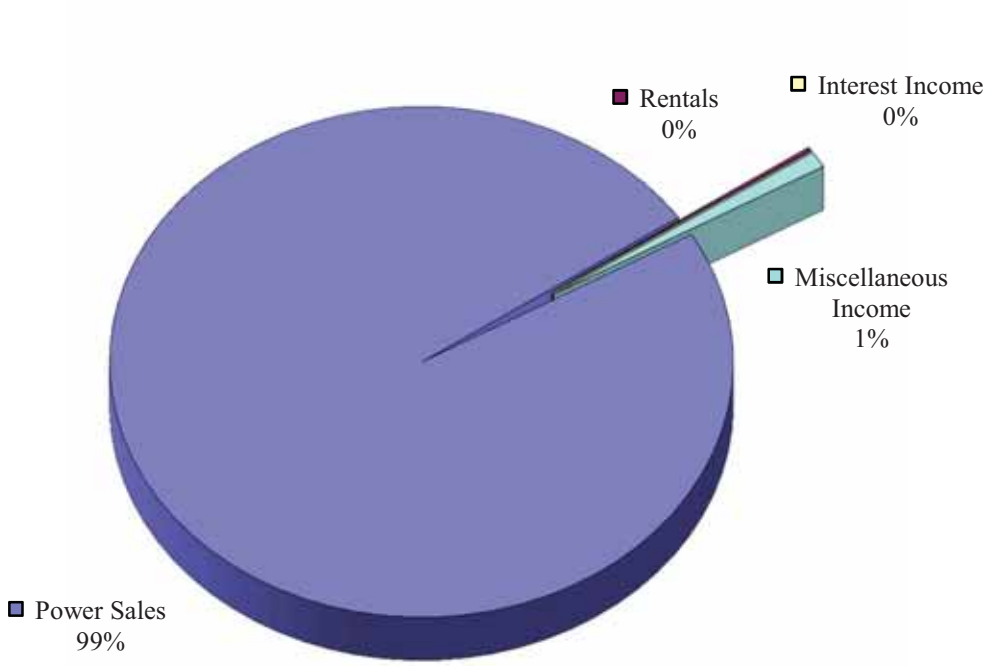
To … assess the training program of the Hydroelectric Division and identify areas needing improvement. To develop a training program that meets the Division's present and future professional and technical needs and that continually reviews those needs. Continue the GBRA Performance Assessment and Development Program in the Hydroelectric Division.

COMMUNICATION AND EDUCATION

To … have Hydroelectric Division maintenance employees conduct at least four public tours of hydro facilities, to develop a positive public recognition of GBRA employees and facilities.

Budget Summary

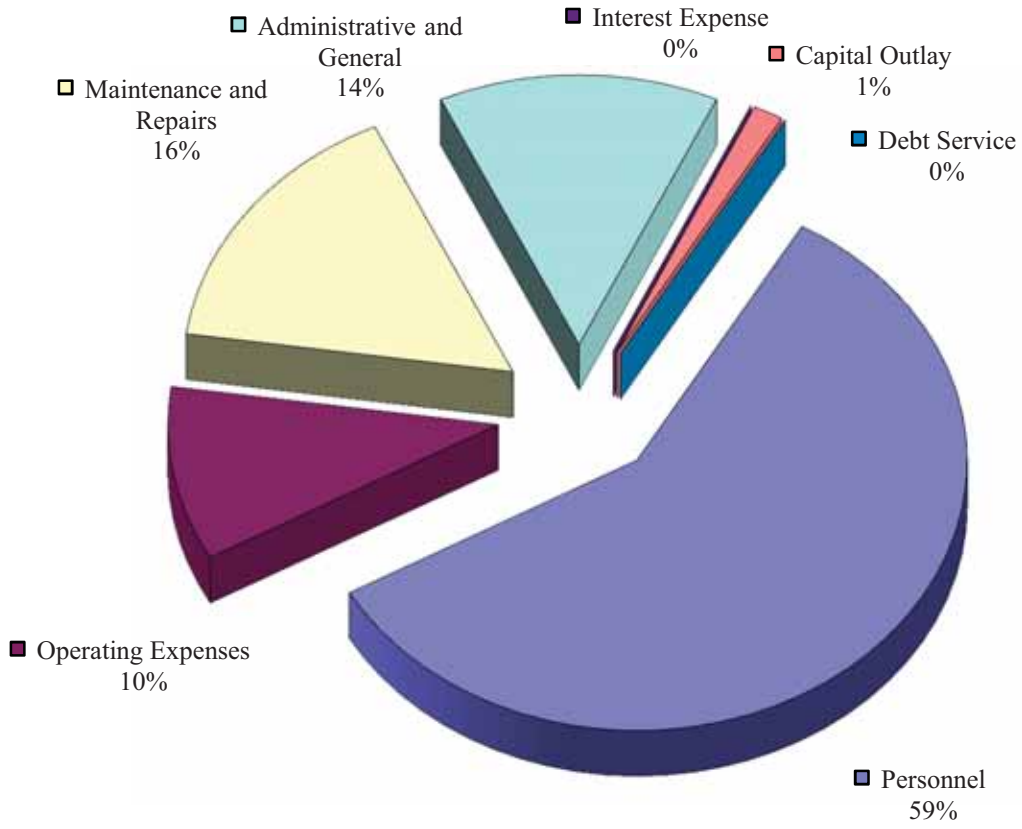
REVENUES - Guadalupe Valley Hydroelectric



Revenues	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Pollution & Industrial Financing			
Power Sales	2,670,319	3,453,865	3,453,865
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals	14,112	10,599	7,400
Administrative & General			
Miscellaneous Income	37,110	33,556	36,500
Total Operating Revenue	**2,721,541**	**3,498,020**	**3,497,765**
Interest Income	4		
Grand Total Revenues	**2,721,545**	**3,498,020**	**3,497,765**

Budget Summary

EXPENSES - Guadalupe Valley Hydroelectric



Expenses	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Personnel	1,930,410	1,786,156	1,969,014
Operating Expenses	414,209	351,778	350,550
Maintenance and Repairs	410,392	525,200	534,200
Administrative and General	451,747	419,054	462,003
Total Operating Expenses	**3,206,758**	**3,082,188**	**3,315,768**
Interest Expense			
Capital Outlay	22,373	87,000	50,000
Debt Service			
Grand Total Expenses	**3,229,131**	**3,169,188**	**3,365,768**

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Guadalupe Valley Hydroelectric Division
Operating Plan for Fiscal Year Ending 8/31/17

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.

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 2017 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 2017 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 the TP-4, H-4, and H-5 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 2017 personnel budget of $1,967,015.

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

- Purchase material for spill gate automation - $13,000.
- Purchase material for an automated spill gate intake cleaner - $13,000.
- Replace hook stick switches in electrical substations - $31,000
- Trim trees along transmission line right-of-way - $12,000.
- Replace transmission line poles - $13,000.
- Replace log boom floats - $31,000.
- Purchase one replacement truck - $37,000.
- Replace the gate work trailer - $6,000.
- Service and load tests emergency generators - $15,000.

Work authorizations continuing from previous years or planned to begin in FY 2017 are as follows:

- Structural and erosion repairs on dams and levees - $106,000.
- Upgrade suspension bridge cables - $187,000.
- Replace spill gate fender boards - $52,000.
- Replace spill gate tie bars - $220,000.
- Spill gate Repairs - $3,768,000.
- Continued work on the TCEQ Dam Safety Program - $120,000.

FUND BALANCE

All of the above operating expenditures and work authorization costs are expected to be funded by hydroelectric power sales and a $4,210,000 interfund loan from the General Division. The $3,768,000 spill gate project will include work on all six dams of the division. The actual substance of the work at each dam will depend on the current condition of the individual spill gates which are all approaching 90 years of age.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

021 - GUADALUPE VALLEY HYDROELECTRIC

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
POWER SALES:			
ENERGY CHARGE	1,953,865	1,953,865	
FACILITY CHARGE	1,500,000	1,500,000	
Total POWER SALES	**3,453,865**	**3,453,865**	
RENTALS:			
RENTAL INCOME	8,999	6,000	(2,999)
RENTALS - AG LEASES	1,600	1,400	(200)
Total RENTALS	**10,599**	**7,400**	**(3,199)**
MISCELLANEOUS INCOME:			
RENEWABLE ENERGY CREDIT SALES	15,556	15,500	(56)
HYDRO MODIFICATION PERMITS	18,000	21,000	3,000
Total MISCELLANEOUS INCOME	**33,556**	**36,500**	**2,944**
TOTAL OPERATING REVENUES	**3,498,020**	**3,497,765**	**(255)**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	52,398	52,540	141
SUPERVISION	175,888	192,571	16,683
LABOR	422,544	436,801	14,256
Total OPERATING SALARIES & WAGES	**650,831**	**681,912**	**31,081**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	2,000	2,000	
EMPLOYEE BENEFITS	514,294	567,004	52,710
Total EMPLOYEE EXPENSES & BENEFITS	**516,294**	**569,004**	**52,710**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	50,000	46,000	(4,000)
BUILDING RENTAL	24,978	16,200	(8,778)
DUES AND MEMBERSHIPS	900	1,200	300
PUBLICATIONS AND BOOKS	100	50	(50)
SMALL TOOLS EXPENSE	15,000	15,000	
TRACTORS AND EQUIPMENT	200	200	
UNIFORMS AND LAUNDRY	10,000	12,000	2,000

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

021 - GUADALUPE VALLEY HYDROELECTRIC

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
PROCESS/SPECIAL OPERATING	12,000	13,000	1,000
TRAINING EXPENSES	19,000	19,000	
SAFETY & EMERG. EXPENSES	14,000	17,000	3,000
SAFETY BOOTS & GLASSES	3,000	3,500	500
SECURITY EXPENSE	200	200	
POWER AND UTILITIES	25,000	25,000	
AUXILLIARY POWER EXPENSE	100	1,000	900
LAB SUPPLIES & EXPENSES	100	500	400
PROFESSIONAL FEES	9,000	9,000	
COMMUNICATIONS	7,000	7,000	
OFFICE SUPPLIES & EXPENSES	4,000	3,500	(500)
COMPUTER SUPPLIES & SERVICE	8,000	12,000	4,000
KITCHEN & JANITOR SUPPLY	2,000	1,500	(500)
WAREHOUSE & JANITOR SERV	4,000	4,000	
BANK SERVICE FEES	300	300	
INSURANCE EXPENSE	133,900	133,900	
MISCELLANEOUS EXPENSES	9,000	9,500	500
Total OPERATING SUPPLIES & SERVICES	**351,778**	**350,550**	**(1,228)**
MAINTENANCE & REPAIR			
LABOR	619,030	718,099	99,068
MATERIAL	202,800	173,800	(29,000)
SERVICES	322,400	360,400	38,000
Total MAINTENANCE & REPAIR	**1,144,230**	**1,252,299**	**108,068**
TOTAL OPERATING & MAINTENANCE	**2,663,134**	**2,853,764**	**190,631**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	419,054	462,003	42,949
Total ADMINISTRATIVE & GENERAL	**419,054**	**462,003**	**42,949**
TOTAL OPERATING EXPENSES	**3,082,188**	**3,315,768**	**233,580**
NET OPERATING INCOME	**415,832**	**181,997**	**(233,835)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

021 - GUADALUPE VALLEY HYDROELECTRIC

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	3,498,020	3,497,765	(255)
OPERATING EXPENSES	(3,082,188)	(3,315,768)	(233,580)
NET OPERATING INCOME	**415,832**	**181,997**	**(233,835)**
NON-OPERATING REVENUES (EXPENSES)			
TOTAL NON-OPERATING REVENUES (EXPENSES)			
CHANGE IN NET ASSETS	**415,832**	**181,997**	**(233,835)**
DEBT CAPITAL			
BANK LOAN REC-1ST LOCKHART2008	87,000		(87,000)
GENERAL LOANS REC.	11,500	4,210,000	4,198,500
Total DEBT CAPITAL	**98,500**	**4,210,000**	**4,111,500**
TOTAL FUNDS AVAILABLE	**514,332**	**4,391,997**	**3,877,665**
PURCHASES OF FIXED ASSETS			
AUTO & HEAVY EQUIPMENT	37,000	37,000	
OFFICE FURN & EQUIPMENT	2,000	7,000	5,000
MISCELLANEOUS EQUIPMENT	48,000	6,000	(42,000)
Total PURCHASES OF FIXED ASSETS	**87,000**	**50,000**	**(37,000)**
WORK IN PROGRESS			
WIP-OPERATING	305,170	4,333,000	4,027,830
Total WORK IN PROGRESS	**305,170**	**4,333,000**	**4,027,830**
PROJECT DEVELOPMENT	**120,000**		**(120,000)**
DEBT SERVICE			
TOTAL FUNDS APPLIED	**512,170**	**4,383,000**	**3,870,830**
NET CHANGE IN FUND BALANCE	**2,162**	**8,997**	**6,835**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

021 - GUADALUPE VALLEY HYDROELECTRIC

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	24,048	28,549	4,500
STA- CLERICAL	28,350	23,991	(4,359)
Total STAFF TECHNICAL ASSISTANCE	**52,398**	**52,540**	**141**
SUPERVISION:			
SUPERVISION	167,873	184,389	16,516
SUP- SAFETY & TRAINING	8,016	8,182	167
Total SUPERVISION	**175,888**	**192,571**	**16,683**
OPERATING LABOR:			
CLERICAL	1,063	1,040	(23)
REG- OPERATING LABOR	245,868	252,182	6,314
REG- ATTENDANT'S DUTIES	30,700	30,715	15
REG- PURCHASING AGENT	43,973	45,079	1,105
REG- SAFETY & TRAINING	28,495	31,304	2,809
OVT- OPERATING LABOR	40,727	43,801	3,075
OVT- ATTENDANT'S	150	154	4
REG-WORKING HOLIDAY CONTROL RM	31,569	32,527	957
Total OPERATING LABOR	**422,544**	**436,801**	**14,256**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	588,662	684,257	95,595
Total M&R-LABOR	**588,662**	**684,257**	**95,595**
M&R-OVERTIME:			
OVT/LBR- OTHER	30,368	33,842	3,474
Total M&R-OVERTIME	**30,368**	**33,842**	**3,474**
Total MAINTENANCE & REPAIR	**619,030**	**718,099**	**99,068**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

021 - GUADALUPE VALLEY HYDROELECTRIC

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
TOTAL SALARIES & WAGES	**1,269,861**	**1,400,010**	**130,149**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

021 - GUADALUPE VALLEY HYDROELECTRIC

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	588,662	684,257	95,595
OVT/LBR- OTHER	30,368	33,842	3,474
Total LABOR	**619,030**	**718,099**	**99,068**
MATERIAL:			
M&R/MAT- WAREHOUSE	100	100	
M&R/MAT- CLEAN PWR HOUSES	100	100	
M&R/MAT- PAINT PWR HOUSES	100	100	
M&R/MAT- PWR HOUSES&EQUIP	12,000	12,000	
M&R/MAT- SAFETY	1,000	1,000	
M&R/MAT- FLASH BOARDS	500	500	
M&R/MAT- LOG BOOMS/TRASH RACKS	32,000	7,000	(25,000)
M&R/MAT- LEVEES & CANALS	5,000	4,000	(1,000)
M&R/MAT- GEN. GATE WORK	40,000	39,000	(1,000)
M&R/MAT- SIGNS & BUOYS	5,000	10,000	5,000
M&R/MAT- MOW PROPERTIES	1,000	1,000	
M&R/MAT- BRUSH&WEED CNTRL	500	500	
M&R/MAT- ROADS & BRIDGES	5,000	7,000	2,000
M&R/MAT- FENCES	500	500	
M&R/MAT- TURBINE INSPECT.	2,000	2,000	
M&R/MAT- GENERATORS	3,000	3,000	
M&R/MAT- TURBINE/GOVERNOR	18,000	21,000	3,000
M&R/MAT- SWITCHGEAR	12,800	12,800	
M&R/MAT- CONTROL SYSTEM	8,000	7,000	(1,000)
M&R/MAT- COMMUNICATION SY	13,000	8,000	(5,000)
M&R/MAT- TELEPHONE SYSTEM	100	100	
M&R/MAT- SUBSTATIONS	31,000	25,000	(6,000)
M&R/MAT- TRANS. LINES	2,000	2,000	
M&R/MAT- TRANSFORMERS	400	400	
M&R/MAT- SMALL EQUIPMENT	2,000	2,000	
M&R/MAT- TRACTORS	200	200	
M&R/MAT- HEAVY EQUIPMENT	5,000	5,000	
M&R/MAT- LIGHT TRUCKS	1,000	1,000	
M&R/MAT- LARGE TRUCKS	500	500	
M&R/MAT- TRAILERS	1,000	1,000	
Total MATERIAL	**202,800**	**173,800**	**(29,000)**
SERVICES:			
M&R/SER- WAREHOUSE	500	500	
M&R/SER- PWR HOUSES&EQUIP	25,000	31,000	6,000
M&R/SER- SAFETY		1,000	1,000

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

021 - GUADALUPE VALLEY HYDROELECTRIC

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/SER- FLASH BOARDS		2,000	2,000
M&R/SER- LOG BOOMS/TRASH RACKS	18,000	25,000	7,000
M&R/SER- LEVEES & CANALS	20,000	20,000	
M&R/SER- GEN. GATE WORK	13,000	35,000	22,000
M&R/SER- GEN. OFFICE BLDG	4,500	4,500	
M&R/SER- MOW PROPERTIES	55,000	60,000	5,000
M&R/SER- ROADS & BRIDGES	1,500	1,500	
M&R/SER- FENCES	23,000	23,000	
M&R/SER- CLEAN PROPERTIES	3,000	7,000	4,000
M&R/SER- TURBINE INSPECT.	500	500	
M&R/SER- GENERATORS	4,000	4,000	
M&R/SER- TURBINE/GOVERNOR	3,000	3,000	
M&R/SER- SWITCHGEAR	5,000	5,000	
M&R/SER- CONTROL SYSTEM	20,000	20,000	
M&R/SER- COMMUNICATION SY	11,000	11,000	
M&R/SER- SUBSTATIONS	43,000	32,000	(11,000)
M&R/SER- TRANS. LINES	40,000	35,000	(5,000)
M&R/SER- TRANSFORMERS	2,000	2,000	
M&R/SER- SMALL EQUIPMENT	3,000	7,000	4,000
M&R/SER- TRACTORS	400	400	
M&R/SER- HEAVY EQUIPMENT	4,000	4,000	
M&R/SER- LIGHT TRUCKS	10,000	10,000	
M&R/SER- LARGE TRUCKS	5,000	5,000	
M&R/SER- TRAILERS	1,000	1,000	
M&R/SER- STRUCTURAL	7,000	10,000	3,000
Total SERVICES	**322,400**	**360,400**	**38,000**
TOTAL MAINTENANCE & REPAIR	**1,144,230**	**1,252,299**	**108,068**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

021 - GUADALUPE VALLEY HYDROELECTRIC

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
PROJECT DEVELOPMENT			
DAM SAFETY PROGRAM-PROF FE	120,000		(120,000)
Total	**120,000**		**(120,000)**
TOTAL PROJECT DEVELOPMENT	**120,000**		**(120,000)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

021 - GUADALUPE VALLEY HYDROELECTRIC

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - OPERATING			
REPLACE FENDER BOARDS-SERVICE	32,100	35,000	2,900
REPLACE FENDER BOARDS-MAT'L	10,700	15,000	4,300
REPLACE FENDER BOARDS-MISC	1,070	2,000	930
Total	**43,870**	**52,000**	**8,130**
PAINT POWER HOUSES-SERVICE	58,300		(58,300)
Total	**58,300**		**(58,300)**
SPILLGATE REPAIRS-SERV		2,350,000	2,350,000
SPILLGATE REPAIRS-PRO		478,000	478,000
SPILLGATE REPAIRS-MATL		935,000	935,000
SPILLGATE REPAIRS-MISC		5,000	5,000
Total		**3,768,000**	**3,768,000**
UPGRADE SUSP BRDG CBL SYS-SERV	65,000	175,000	110,000
UPGRADE SUSP BRDG CBL SYS-PROF		10,000	10,000
UPGRADE SUSP BRDG CBL SYS-MISC	1,000	2,000	1,000
Total	**66,000**	**187,000**	**121,000**
SCADA-UPGRADE/STANDARD-SERVICE	15,000		(15,000)
SCADA-UPGRADE/STANDARD- MAT'L	15,000		(15,000)
Total	**30,000**		**(30,000)**
REPLACE TIE BARS-SERVICE		190,000	190,000
REPLACE TIE BARS-PROF FEES		9,000	9,000
REPLACE TIE BARS-MATERIAL		18,000	18,000
REPLACE TIE BARS-MISC		3,000	3,000
Total		**220,000**	**220,000**
D.L.S. ERROSION REPAIRS-SERVIC	50,000	50,000	
D.L.S. ERROSION REPAIRS-PROF F	25,000	25,000	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

021 - GUADALUPE VALLEY HYDROELECTRIC

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
D.L.S. ERROSION REPAIRS-MAT'L	30,000	30,000	
D.L.S. ERROSION REPAIRS-MISC	2,000	1,000	(1,000)
Total	**107,000**	**106,000**	**(1,000)**
TOTAL WIP - OPERATING	**305,170**	**4,333,000**	**4,027,830**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

GUADALUPE VALLEY HYDROELECTRIC

	FY 2017 BUDGET
AUTO & HEAVY EQUIPMENT	
REPLACE MAINTENANCE TRUCK	37,000
Total AUTO & HEAVY EQUIPMENT	**37,000**
OFFICE FURN. & EQUIP.	
CONTROL ROOM CHAIR	2,000
COPIER/PRINTER/SCANNER	5,000
Total OFFICE FURN. & EQUIP.	**7,000**
MISCELLANEOUS EQUIPMENT	
GATE WORK TRAILER	6,000
Total MISCELLANEOUS EQUIPMENT	**6,000**
TOTAL CAPITAL ADDITIONS	**50,000**

Northcliffe WWTP
Brush Aerator in the Oxidation Ditch

Rural Utilities Division

This division provides vital wastewater treatment services to residents in rural communities through the Canyon Park, Dunlap, Northcliffe and Springs Hill Wastewater Reclamation Systems.

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.

Location: Canyon Lake, Texas
Startup Date: September 24, 1974
Permitted Capacity: 180,000 gpd
Service Area: Canyon Lake

Dunlap Waste Water Treatment Plant
The Dunlap Wastewater Reclamation System serves the River Bend, Lakeview Heights, Southbank, Oasis and Long Creek subdivisions in Guadalupe County. The plant was expanded in 1985, 1996, and 2006 to accommodate additional customers.

Location: New Braunfels, Texas
Startup Date: December 4, 1973
Permitted Capacity: 0.95 mpd
Service Area: FM 725 south of New Braunfels

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

Springs Hill Waste Water Treatment Plant
The Springs Hill Wastewater Reclamation System covers the Nob Hill subdivision and Springs Hill area south of Seguin in Guadalupe County, including Southfork, Walnut Springs, Parkridge and River Oak Drive.

Location: Seguin, Texas
Startup Date: July 3, 1974
Permitted Capacity: 300,000 gpd
Service Area: Portion of City of Seguin

- Service Provided: Wastewater treatment
- Service Area: Comal & Guadalupe Co.
- # of Gallons Treated: 230,000,000
- # of Current Employees: 6
- Budgeted Revenue: $1,895,777

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 162,000 gallons per day and includes two aeration basins, one clarifier, and a sludge holding tank. 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 two lift stations.

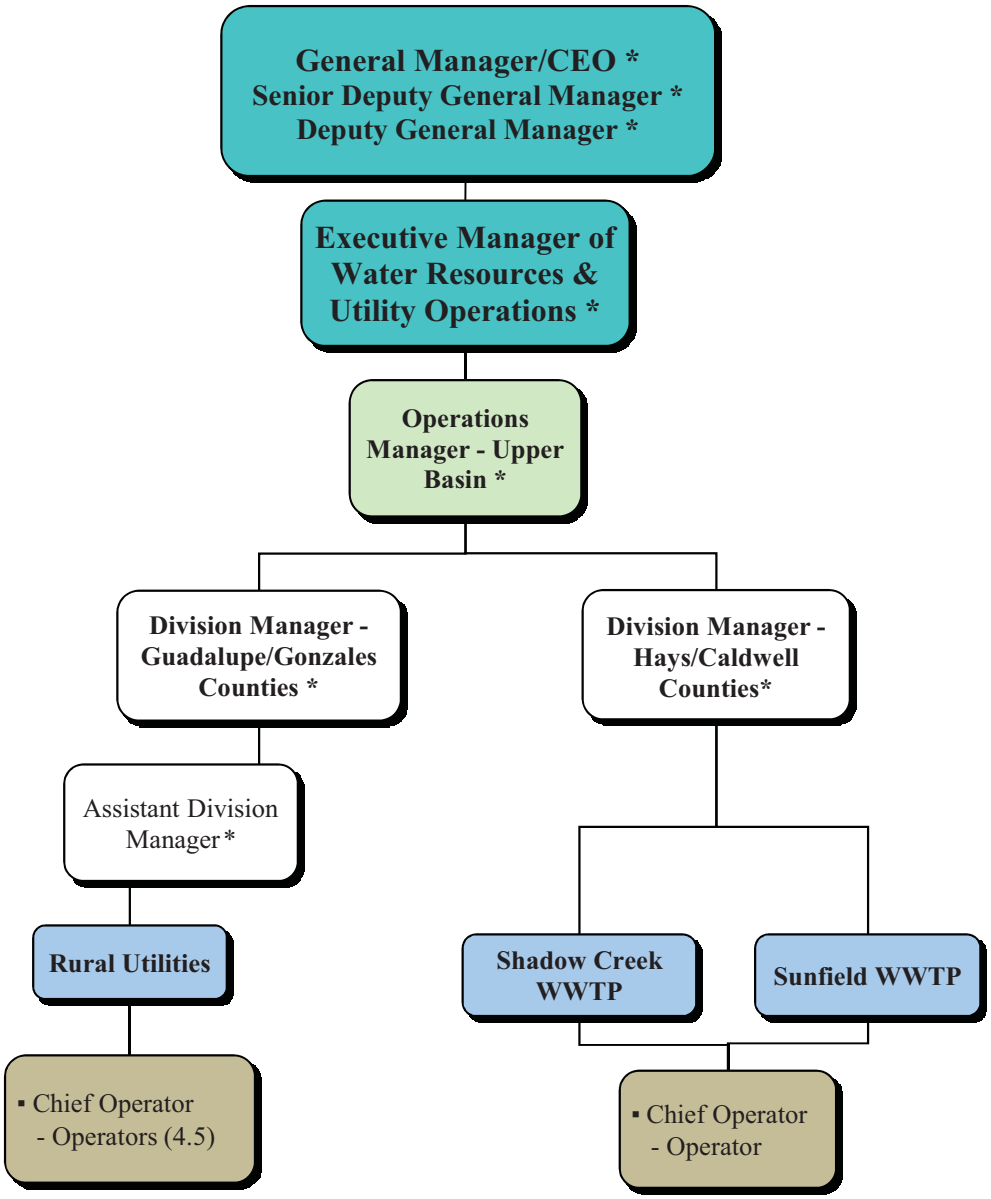
- Service Provided: Wastewater treatment
- Service Area: Hays County
- # of Gallons Treated: 70,800,000
- Startup Operation Date: January 1, 2006
- # of Current Employees: 2
- Budgeted Revenue: $493,560

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.

- Service Provided: Wastewater treatment
- Service Area: Hays County
- # of Gallons Treated: 54,020,000
- Startup Operation Date: October 23, 2009
- Budgeted Revenue: $209,817

Rural Utilities Division Organizational Chart



* GBRA employee from another Division

Staffing Summary

Rural Utilities Division	# of Authorized Positions (FTE)		
	2015	2016	2017
Shadow Creek			
Chief Operator	1	1	1
Operator	1	1	1
Total Shadow Creek	2	2	2
Rural Utilities			
Chief Operator	1	1	1
Operator	4	4	4.5
Total Rural Utilities	5	5	5.5
Total	**7**	**7**	**7.5**

Changes from FY 2015 to FY 2016
No staffing changes for this division.

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

Budget Summary

Division: **Rural Utilities**

Description

The Rural Utilities Division, established in 1971 with the Rural Utilities Systems, has grown to include the Rural Utilities Systems, the Shadow Creek WWTP, and the Sunfield WWTP.

The Rural Utilities systems operate and maintain four wastewater treatment plants in Comal and Guadalupe counties. These small plants serve housing sub-divisions in unincorporated rural areas in which septic tanks do not provide proper and safe wastewater disposal. Private developers, Environmental Protection Agency (EPA) grants, and a community development block grant from the Department of Housing and Urban Development (HUD) provided the original financing for these facilities. The Rural Utilities systems include Canyon Park WWTP, Dunlap WWTP, Northcliffe WWTP, and Springs Hill WWTP. These operations are supervised by a Chief Operator and managed by the Division Manager-Guadalupe/Gonzales Counties.

In January 2007, GBRA assumed operations of the wastewater treatment plant and collection system for the North Hays County Municipal Utility District #1. In June 2008, GBRA assumed operations of the wastewater treatment plant for the Sunfield Municipal Utility District. Three operators, dividing time between the Sunfield WWTP, the Buda WWTP, and the Shadow Creek WWTP operate these plants. The system is supervised by the Chief Operator of the Shadow Creek WWTP and managed by the Division Manager-Hays/Caldwell Counties. The Operations Manager, Upper Basin provides technical oversight for all systems within the Rural Utilities Division.

Objectives

The following objectives are the division's operating plan in working toward the goals and objectives as outlined in the mission statement.

WATER RESOURCE MANAGEMENT GOAL

Shadow Creek WWTP

To…work with the District on projects related to water reclamation, pretreatment, and water quality.
To … accomplish all tasks in a cost efficient manner and within budgeted amounts.

Rural Utilities Systems

To … accomplish all tasks in a cost efficient manner and within budgeted amounts.
To … eliminate excessive mileage by determining on a daily basis where each team member will be working so they can be responsible for operating the plant they are at.

Sunfield WWTP

To … work with the District on projects related to water reclamation, pretreatment, and water quality.

To … accomplish all tasks in a cost efficient manner and within budgeted amounts.

WATER QUALITY GOAL

Shadow Creek WWTP

To… meet or exceed all Texas Commission on Environmental Quality and Environmental Protection Agency waste water discharge standards.

Rural Utilities Systems

To … meet or exceed TCEQ/EPA permit requirements, 100% of time.

To … maintain settled solids in aeration track less than 800 ml/L 85% of the time and maintain total suspended solids concentration in aeration track below 6,000 mg/L 85% of the time.

- By hauling bio-solids to the permitted land application site as often as possible.
- By completing the National Bio-solids Partnership Environmental Management System program and incorporate into the RUD bio-solids management system.

To … improve inflow and infiltration problems of collection systems.

- Run weekly Total Suspended Solids tests on all aeration racetracks to determine solids concentration.
- Calculate sludge volume index, food/microorganism ratio and determine microscopic condition of the sludge every two weeks.

Sunfield WWTP

To… meet or exceed all Texas Commission on Environmental Quality and Environmental Protection Agency waste water discharge standards.

PUBLIC SERVICES GOAL

Shadow Creek WWTP

To… provide information to the District and the general public concerning plant operations and quality of effluent from the plant.

To … maintain a safe working environment by adhering to safety procedures and by staying aware of possible new and safer ways of doing our jobs.

- To continue zero lost-time accidents.
- To continue zero vehicle accidents.
- To report all accidents and incidents.

Rural Utilities Systems

To … maintain a safe working environment by adhering to safety procedures and by staying aware of possible new and safer ways of doing our jobs.

- To continue zero lost-time accidents.
- To continue zero vehicle accidents.
- To report all accidents and incidents.

Sunfield WWTP

To… provide information to the District and the general public concerning plant operations and quality of effluent from the plant.

To … maintain a safe working environment by adhering to safety procedures and by staying aware of possible new and safer ways of doing our jobs.

- To continue zero lost-time accidents.
- To continue zero vehicle accidents.
- To report all accidents and incidents.

ECONOMIC DEVELOPMENT GOAL

Shadow Creek WWTP

To… assist in the development of additional treatment capacity within the service area of the District.

Rural Utilities Systems

To … treat all individuals we come into contact with as a potential customer.

To … become more knowledgeable about GBRA resources and programs, so that employees can communicate with potential customers about GBRA programs and services.

To … schedule the Human Resources Manager once per year to explain GBRA's personnel programs and benefits.

Sunfield WWTP

To… assist in the development of additional treatment capacity within the service area of the District.

To … treat all individuals we come into contact with as a potential customer.

To … become more knowledgeable about GBRA resources and programs, so that employees can communicate with potential customers about GBRA programs and services.

TECHNICAL ASSISTANCE AND SUPPORT GOAL

Shadow Creek WWTP

To… provide training to Facility operators to improve their knowledge and skills in waste water treatment.

To… provide information and assistance in pretreatment and water reclamation issues.

Rural Utilities Systems

To … strive to achieve maximum degree of training, licenses, and certification.
To … maintain and upgrade certificates and licenses by:

- Attending Texas Engineering Extension Service courses as needed.
- Attending Texas Water Utilities Association meetings for continuing education.

Sunfield WWTP

To… provide training to Facility operators to improve their knowledge and skills in waste water treatment.
To… provide information and assistance in pretreatment and water reclamation issues.

COMMUNICATION AND EDUCATION

Shadow Creek WWTP

To … operate in a team environment that allows for efficient internal and external communication.
To… provide technical assistance and information to the District and other entities in the area concerning wastewater pretreatment, treatment, and reclamation.

Rural Utilities Systems

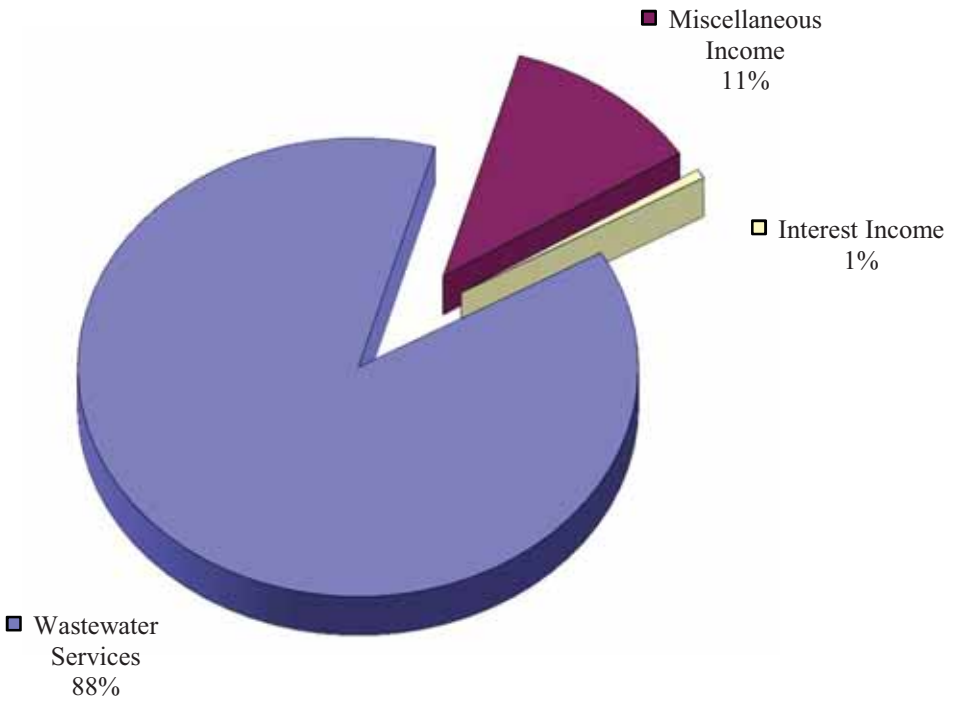
To … maintain a positive public image and professional attitude.
To … educate local communities on importance of wastewater treatment, water reclamation and beneficial use of bio-solids.

Sunfield WWTP

To … operate in a team environment that allows for efficient internal and external communication.
To… provide technical assistance and information to the District and other entities in the area concerning wastewater pretreatment, treatment, and reclamation.

Budget Summary

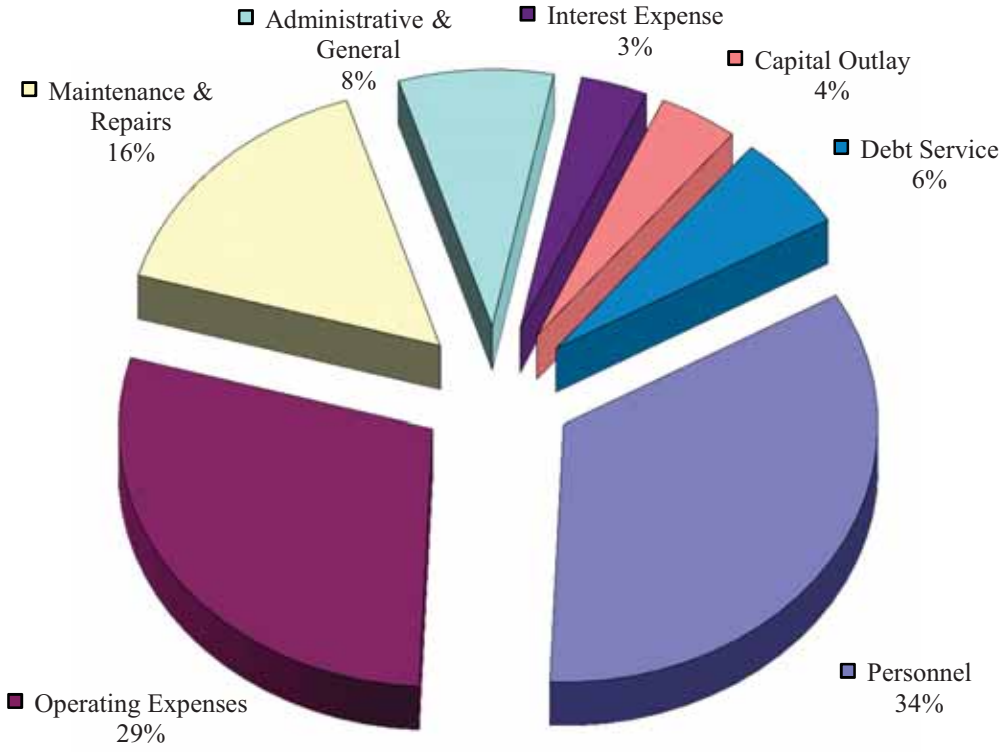
REVENUES - Rural Utilities



Revenues	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services	1,988,500	2,359,862	2,295,210
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	343,597	361,638	303,944
Total Operating Revenue	**2,332,097**	**2,721,500**	**2,599,154**
Interest Income	21,730	19,598	17,158
Grand Total Revenues	**2,353,826**	**2,741,098**	**2,616,312**

Budget Summary

EXPENSES - Rural Utilities



Expenses	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Personnel	715,314	731,632	816,353
Operating Expenses	577,762	562,842	689,244
Maintenance & Repairs	252,122	311,310	377,975
Administrative & General	168,031	171,462	191,352
Total Operating Expenses	**1,713,229**	**1,777,246**	**2,074,924**
Interest Expense	101,952	80,376	82,560
Capital Outlay	412,666	166,500	98,300
Debt Service	301,399	132,072	143,448
Grand Total Expenses	**2,529,247**	**2,156,194**	**2,399,232**

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Rural Utilities Division
Shadow Creek Wastewater Reclamation Facility System
Operating Plan for Fiscal Year Ending 8/31/17

BACKGROUND

The following Work Plan and Budget for the Shadow Creek System is based on the treatment of an estimated sewage flow of 70.08 million gallons per year or 0.192 million gallons per day. This estimated flow represents a 15% year-over-year increase above the Fiscal Year 2016 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, Sunfield, and Lockhart FM 20 Wastewater plants to operate and maintain the systems. The Chief Operator of the Shadow Creek Wastewater Reclamation Facility supervises the 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 Shadow Creek System will continue to be managed by existing GBRA professionals located in Seguin.

Due to growth in the subdivision, the North Hays County MUD #1 is expanding the wastewater treatment plant to a capacity of 0.372 MGD, with construction expected to be substantially complete by August 2016.

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 2017 budget year and the treatment of 70,080,000 gallons. The budgeted FY 2017 service revenue for the Shadow Creek System is $488,160 while total revenue including miscellaneous income and interest earnings amounts to $493,584.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The total operating expenditure budget for FY 2017 amounts to $486,431.

Significant operating and maintenance expenses are power costs of $39,000, biosolids disposal of $48,000, lab supplies and expenses of $25,000, and administrative services fees of $14,000 to be paid to Goforth Special Utility District for collection of monthly sewer bills from customers. Significant maintenance and capital improvement expenditures include the complete rehabilitation of the original plant following the successful startup of the new, expanded project. The principal component of this rehabilitation effort will be the re-painting of the original plant to counter the corrosive nature of the waste at an estimated cost of $63,285.

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 $4,300 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 $32,642 for FY 2017.

One new operating cost that will be recognized in Fiscal Year 2017 will be equipment rental in the amount of $8,976. This line item represents the Shadow Creek's share of a mobile de-watering sludge press that GBRA believes will help reduce the cost of bio-solids disposal at the plant.

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 $7,153.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

030 - SHADOW CREEK WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WASTEWATER SERVICES:			
SERVICE FEES	419,105	488,160	69,055
Total WASTEWATER SERVICES	**419,105**	**488,160**	**69,055**
MISCELLANEOUS INCOME:			
SEWER CONNECTION/INSPECT FEES	1,590	3,000	1,410
MISCELLANEOUS REVENUES	2,400	2,400	
Total MISCELLANEOUS INCOME	**3,990**	**5,400**	**1,410**
TOTAL OPERATING REVENUES	**423,095**	**493,560**	**70,465**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	7,350	22,339	14,989
SUPERVISION	15,874	14,949	(925)
LABOR	45,107	43,133	(1,974)
Total OPERATING SALARIES & WAGES	**68,331**	**80,421**	**12,091**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	420	460	40
EMPLOYEE BENEFITS	34,493	40,061	5,568
Total EMPLOYEE EXPENSES & BENEFITS	**34,913**	**40,521**	**5,608**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	3,000	3,000	
EQUIPMENT RENTAL		8,976	8,976
DUES AND MEMBERSHIPS	150	180	30
PUBLICATIONS AND BOOKS	60	60	
SMALL TOOLS EXPENSE	360	400	40
TRACTORS AND EQUIPMENT	250	250	
UNIFORMS AND LAUNDRY	720	770	50
BIOSOLIDS DISPOSAL COSTS	44,000	48,000	4,000
BAD DEBT EXPENSE	1,200	1,200	
TRAINING EXPENSES	2,100	2,100	
SAFETY & EMERG. EXPENSES	1,200	1,600	400
POWER AND UTILITIES	31,000	39,000	8,000
AUXILLARY POWER EXPENSE	540	1,500	960
OPERATING CHEMICALS	240	300	60

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

030 - SHADOW CREEK WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
CHLORINE	3,000	4,100	1,100
ALUM	5,000	6,200	1,200
POLYMER	1,500	2,200	700
LAB SUPPLIES & EXPENSES	21,000	25,000	4,000
PROFESSIONAL FEES	1,440	8,300	6,860
INSPECTION FEES	1,250	1,850	600
COMMUNICATIONS	3,000	3,000	
OFFICE SUPPLIES & EXPENSES	300	300	
COMPUTER SUPPLIES & SERVICE	160	160	
ADMIN FEES-GOFORTH WATER	12,668	14,000	1,332
INSURANCE EXPENSE	4,300	4,300	
MISCELLANEOUS EXPENSES	540	540	
Total OPERATING SUPPLIES & SERVICES	**138,978**	**177,286**	**38,308**
MAINTENANCE & REPAIR			
LABOR	16,838	18,495	1,657
MATERIAL	22,480	36,890	14,410
SERVICES	33,930	100,175	66,245
Total MAINTENANCE & REPAIR	**73,248**	**155,560**	**82,312**
TOTAL OPERATING & MAINTENANCE	**315,470**	**453,788**	**138,318**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	28,106	32,642	4,537
Total ADMINISTRATIVE & GENERAL	**28,106**	**32,642**	**4,537**
TOTAL OPERATING EXPENSES	**343,576**	**486,431**	**142,855**
NET OPERATING INCOME	**79,519**	**7,129**	**(72,390)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

030 - SHADOW CREEK WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	423,095	493,560	70,465
OPERATING EXPENSES	(343,576)	(486,431)	(142,855)
NET OPERATING INCOME	**79,519**	**7,129**	**(72,390)**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON NOW ACCTS	12	24	12
Total INTEREST INCOME	**12**	**24**	**12**
TOTAL NON-OPERATING REVENUES (EXPENSES)	**12**	**24**	**12**
CHANGE IN NET ASSETS	**79,531**	**7,153**	**(72,378)**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE	**79,531**	**7,153**	**(72,378)**
PURCHASES OF FIXED ASSETS			
STRUCTURES & IMPROVEMENTS	50,000		(50,000)
MISCELLANEOUS EQUIPMENT	27,500		(27,500)
Total PURCHASES OF FIXED ASSETS	**77,500**		**(77,500)**
WORK IN PROGRESS			
DEBT SERVICE			
TOTAL FUNDS APPLIED	**77,500**		**(77,500)**
NET CHANGE IN FUND BALANCE	**2,031**	**7,153**	**5,122**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

030 - SHADOW CREEK WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	1,322	18,504	17,183
STA- CLERICAL	6,029	3,835	(2,193)
Total STAFF TECHNICAL ASSISTANCE	**7,350**	**22,339**	**14,989**
SUPERVISION:			
SUPERVISION	15,874	14,949	(925)
Total SUPERVISION	**15,874**	**14,949**	**(925)**
OPERATING LABOR:			
CLERICAL	558	574	17
REG- OPERATING LABOR	34,438	33,122	(1,316)
REG- MISC LABOR	403	301	(102)
REG- SAFETY & TRAINING	1,327	494	(832)
OVT- OPERATING LABOR	7,331	7,478	147
REG- WORKING HOLIDAY LABOR	1,051	1,163	112
Total OPERATING LABOR	**45,107**	**43,133**	**(1,974)**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	13,883	14,437	554
Total M&R-LABOR	**13,883**	**14,437**	**554**
M&R-OVERTIME:			
OVT/LBR- OTHER	2,956	4,058	1,103
Total M&R-OVERTIME	**2,956**	**4,058**	**1,103**
Total MAINTENANCE & REPAIR	**16,838**	**18,495**	**1,657**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**85,169**	**98,916**	**13,747**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

030 - SHADOW CREEK WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	13,883	14,437	554
OVT/LBR- OTHER	2,956	4,058	1,103
Total LABOR	**16,838**	**18,495**	**1,657**
MATERIAL:			
M&R/MAT- GROUNDS	240	240	
M&R/MAT- BUILDINGS	240	500	260
M&R/MAT- CLARIFIERS	240	400	160
M&R/MAT- PUMPS & MOTORS	4,000	12,500	8,500
M&R/MAT- CHEM FEED/SAMPLE	2,040	2,040	
M&R/MAT- LINES & VALVES	480	480	
M&R/MAT- FLOW METER	200	200	
M&R/MAT- LIFT STATION	6,000	6,000	
M&R/MAT- SEWER SYSTEM	420	420	
M&R/MAT- TRUCKS,TRAILER&EQ	840	840	
M&R/MAT- GENERAL MAINT.	1,080	1,080	
M&R/MAT- BIOSOLIDS REMOVAL	350	350	
M&R/MAT- SAFETY	120	500	380
M&R/MAT- ROADS	120	120	
M&R/MAT- AUX GENERATOR	120	480	360
M&R/MAT- BLOWERS	4,000	4,000	
M&R/MAT- INSTRUMNTS/ELECTRICAL	1,500	6,000	4,500
M&R/MAT- NON-POTABLE WTR SYSTM	250	500	250
M&R/MAT- OTHER	240	240	
Total MATERIAL	**22,480**	**36,890**	**14,410**
SERVICES:			
M&R/SER- GROUNDS	100	320	220
M&R/SER- BUILDINGS	8,000	600	(7,400)
M&R/SER- CLARIFIERS	240	240	
M&R/SER- PAINT EQUIPMENT		63,285	63,285
M&R/SER- PUMPS & MOTORS	2,000	4,000	2,000
M&R/SER- CHEM FEED/SAMPLE	1,600	1,600	
M&R/SER- LINES & VALVES	420	480	60
M&R/SER- FLOW METER	500	500	
M&R/SER- LIFT STATION	5,200	6,000	800
M&R/SER- SEWER SYSTEM	1,500	6,000	4,500
M&R/SER- TRUCKS,TRAILER&EQ	360	360	
M&R/SER- RADIO EQUIPMENT	120	120	
M&R/SER- GENERAL MAINT.	1,200	1,200	
M&R/SER- BIOSOLIDS REMOVAL	600	3,000	2,400

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

030 - SHADOW CREEK WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/SER- SAFETY	120	500	380
M&R/SER- AUX GENERATOR	1,920	1,920	
M&R/SER- BLOWERS	2,800	2,800	
M&R/SER- INSTRUMNTS/ELECTRICAL	6,500	6,500	
M&R/SER- NON-POTABLE WTR SYSTM	250	250	
M&R/SER- OTHER	500	500	
Total SERVICES	**33,930**	**100,175**	**66,245**
TOTAL MAINTENANCE & REPAIR	**73,248**	**155,560**	**82,312**

Rural Utilities Division
Canyon Park Wastewater Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/17

BACKGROUND

The Rural Utilities Division is responsible for operating four wastewater reclamation systems that include Canyon Park Estates, Dunlap, Springs Hill 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 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 2017 service fee revenue for the plant is projected to be $ 351,184. This is an increase of 6.9% over the current budget and is due to an increase in the number of customers served as well as a $2.00 per month/connection increase. This monthly fee increase represents a 4.2% 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 2017 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. One-fourth the cost of a manure spreader. - $10,000.
6. One-fourth the cost of two roll-off containers. - $2,500.

7. One-fourth the cost of lab equipment. - $2,500.
8. One-half the cost of a line locator. - $1,750.
9. One-fourth the cost of a lawn mower. - $1,000.
10. A pad for the roll-off container. - $7,700.

Another significant expenditure in the FY 2017 Work Plan and Budget for the Canyon Park Estates system relates to the initial step in expanding the plant. Included in this budget is an expenditure of $354,612 with the majority of this amount relating to engineering work to initiate the plans and specifications for the plant expansion which GBRA anticipates in the next few years. The funds necessary to finance the eventual plant expansion as well as the preliminary design work occurring in FY 2017 will be provided from debt proceeds.

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 and from a $333,000 bank loan. The total of these funding sources is estimated to exceed operation, maintenance and capital expenditures for FY 2017 by $855 and as a result, the fund balance for the Canyon Park Estates System is expected to increase by the same amount.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

032 - CANYON PARK WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WASTEWATER SERVICES:			
SERVICE FEES	328,440	351,184	22,744
Total WASTEWATER SERVICES	**328,440**	**351,184**	**22,744**
MISCELLANEOUS INCOME:			
SEWER CONNECTION/INSPECT FEES	55,000	25,000	(30,000)
Total MISCELLANEOUS INCOME	**55,000**	**25,000**	**(30,000)**
TOTAL OPERATING REVENUES	**383,440**	**376,184**	**(7,256)**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	8,496	11,873	3,378
SUPERVISION	8,810	9,696	886
LABOR	59,451	60,417	966
Total OPERATING SALARIES & WAGES	**76,757**	**81,986**	**5,229**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	300	300	
EMPLOYEE BENEFITS	39,329	43,824	4,496
Total EMPLOYEE EXPENSES & BENEFITS	**39,629**	**44,124**	**4,496**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	5,500	6,400	900
BUILDING RENTAL	1,893	1,368	(525)
EQUIPMENT RENTAL		5,952	5,952
DUES AND MEMBERSHIPS	200	200	
PUBLICATIONS AND BOOKS	50	50	
SMALL TOOLS EXPENSE	300	700	400
TRACTORS AND EQUIPMENT		200	200
UNIFORMS AND LAUNDRY	400	600	200
TRAINING EXPENSES	1,200	1,200	
SAFETY & EMERG. EXPENSES	900	1,000	100
SECURITY EXPENSE	100	100	
POWER AND UTILITIES	24,000	25,000	1,000
AUXILLARY POWER EXPENSE	1,000	1,000	
CHLORINE	1,000	1,300	300
ALUM	6,000	7,000	1,000

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

032 - CANYON PARK WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
POLYMER	1,500	1,500	
LAB SUPPLIES & EXPENSES	16,500	16,500	
PROFESSIONAL FEES	1,000	1,200	200
INSPECTION FEES	4,000	3,500	(500)
COMMUNICATIONS	1,000	1,500	500
OFFICE SUPPLIES & EXPENSES	200	200	
COMPUTER SUPPLIES & SERVICE	1,900	1,900	
INSURANCE EXPENSE	6,400	6,400	
MISCELLANEOUS EXPENSES	1,000	1,000	
Total OPERATING SUPPLIES & SERVICES	**76,043**	**85,770**	**9,727**
MAINTENANCE & REPAIR			
LABOR	20,351	26,222	5,871
MATERIAL	33,400	24,400	(9,000)
SERVICES	23,540	22,940	(600)
Total MAINTENANCE & REPAIR	**77,291**	**73,562**	**(3,729)**
TOTAL OPERATING & MAINTENANCE	**269,719**	**285,442**	**15,723**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	32,046	35,709	3,663
Total ADMINISTRATIVE & GENERAL	**32,046**	**35,709**	**3,663**
TOTAL OPERATING EXPENSES	**301,765**	**321,151**	**19,386**
NET OPERATING INCOME	**81,675**	**55,033**	**(26,642)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

032 - CANYON PARK WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	383,440	376,184	(7,256)
OPERATING EXPENSES	(301,765)	(321,151)	(19,386)
NET OPERATING INCOME	**81,675**	**55,033**	**(26,642)**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON NOW ACCTS	12	24	12
Total INTEREST INCOME	**12**	**24**	**12**
INTEREST & BANK FEES:			
INT ON LONG TERM LOANS	(756)	(540)	216
Total INTEREST & BANK FEES	**(756)**	**(540)**	**216**
TOTAL NON-OPERATING REVENUES (EXPENSES)	**(744)**	**(516)**	**228**
CHANGE IN NET ASSETS	**80,931**	**54,517**	**(26,414)**
CHANGE IN RESTRICTED FUNDS:			
SOURCE-CHANGE IN RESTR. FUNDS	400,000		(400,000)
Total CHANGE IN RESTRICTED FUNDS	**400,000**		**(400,000)**
DEBT CAPITAL			
BANK LOAN RECEIVABLE	605,000	333,000	(272,000)
Total DEBT CAPITAL	**605,000**	**333,000**	**(272,000)**
TOTAL FUNDS AVAILABLE	**1,085,931**	**387,517**	**(698,414)**
PURCHASES OF FIXED ASSETS			
AUTO & HEAVY EQUIPMENT	16,250	10,000	(6,250)
MISCELLANEOUS EQUIPMENT		15,450	15,450
Total PURCHASES OF FIXED ASSETS	**16,250**	**25,450**	**9,200**
WORK IN PROGRESS			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

032 - CANYON PARK WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP-OPERATING	1,051,000	354,612	(696,388)
Total WORK IN PROGRESS	**1,051,000**	**354,612**	**(696,388)**
PROJECT DEVELOPMENT	**11,341**		**(11,341)**
DEBT SERVICE			
GENERATOR BANK LOAN PAID	6,384	6,600	216
Total DEBT SERVICE	**6,384**	**6,600**	**216**
TOTAL FUNDS APPLIED	**1,084,975**	**386,662**	**(698,313)**
NET CHANGE IN FUND BALANCE	**956**	**855**	**(101)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

032 - CANYON PARK WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	4,392	7,061	2,669
STA- CLERICAL	4,104	4,812	708
Total STAFF TECHNICAL ASSISTANCE	**8,496**	**11,873**	**3,378**
SUPERVISION:			
SUPERVISION	8,810	9,696	886
Total SUPERVISION	**8,810**	**9,696**	**886**
OPERATING LABOR:			
CLERICAL	398	356	(43)
REG- OPERATING LABOR	53,723	54,904	1,181
REG- PURCHASING AGENT	257	251	(6)
REG- SAFETY & TRAINING	36	35	(1)
OVT- OPERATING LABOR	4,143	3,990	(153)
REG- WORKING HOLIDAY LABOR	894	881	(13)
Total OPERATING LABOR	**59,451**	**60,417**	**966**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	19,602	25,115	5,513
Total M&R-LABOR	**19,602**	**25,115**	**5,513**
M&R-OVERTIME:			
OVT/LBR- OTHER	749	1,107	358
Total M&R-OVERTIME	**749**	**1,107**	**358**
Total MAINTENANCE & REPAIR	**20,351**	**26,222**	**5,871**
WORK IN PROGRESS			
WIP-STAFF:			
CANYON PRK PLNT EXPAN-STAFF		30,900	30,900
Total WIP-STAFF		**30,900**	**30,900**
Total WORK IN PROGRESS		**30,900**	**30,900**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

032 - CANYON PARK WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**97,108**	**139,108**	**42,000**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

032 - CANYON PARK WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	19,602	25,115	5,513
OVT/LBR- OTHER	749	1,107	358
Total LABOR	**20,351**	**26,222**	**5,871**
MATERIAL:			
M&R/MAT- GROUNDS	100	100	
M&R/MAT- BUILDINGS	400	400	
M&R/MAT- CLARIFIERS	500	500	
M&R/MAT- PUMPS & MOTORS	4,000	4,000	
M&R/MAT- CHEM FEED/SAMPLE	2,000	3,000	1,000
M&R/MAT- GREASE EQUIPMENT	200	200	
M&R/MAT- CONTROL SYSTEMS	850	850	
M&R/MAT- LINES & VALVES	500	500	
M&R/MAT- FLOW METER	200	200	
M&R/MAT- LIFT STATION	2,000	2,000	
M&R/MAT- SEWER SYSTEM	500	500	
M&R/MAT- TRUCKS,TRAILER&EQ	200	200	
M&R/MAT- RADIO EQUIPMENT	50	50	
M&R/MAT- BIOSOLIDS REMOVAL	800	800	
M&R/MAT- SAFETY	100	100	
M&R/MAT - BIOSOLIDS SITE	500	500	
M&R/MAT- SCADA	5,000	5,000	
M&R/MAT- AUX GENERATOR	400	400	
M&R/MAT-AERATION EQUIPMENT	15,000	5,000	(10,000)
M&R/MAT- OTHER	100	100	
Total MATERIAL	**33,400**	**24,400**	**(9,000)**
SERVICES:			
M&R/SER- GROUNDS	2,000	200	(1,800)
M&R/SER- PUMPS & MOTORS	2,000	2,000	
M&R/SER- CHEM FEED/SAMPLE	200	200	
M&R/SER- CONTROL SYSTEMS	1,000	1,000	
M&R/SER- FLOW METER	400	400	
M&R/SER- LIFT STATION	500	500	
M&R/SER- SEWER SYSTEM	2,500	4,000	1,500
M&R/SER- TRUCKS,TRAILER&EQ	1,000	1,200	200
M&R/SER- RADIO EQUIPMENT	100	100	
M&R/SER- BIOSOLIDS REMOVAL	8,500	8,000	(500)
M&R/SER - BIOSOLIDS SITE	800	800	
M&R/SER- SCADA	3,000	3,000	
M&R/SER- AUX GENERATOR	1,200	1,200	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

032 - CANYON PARK WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/SER- GEN. OFFICE BLDG	40	40	
M&R/SER- OTHER	300	300	
Total SERVICES	**23,540**	**22,940**	**(600)**
TOTAL MAINTENANCE & REPAIR	**77,291**	**73,562**	**(3,729)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

032 - CANYON PARK WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
PROJECT DEVELOPMENT			
CANYON WW MASTER PLAN-ENG	11,341		(11,341)
Total	**11,341**		**(11,341)**
TOTAL PROJECT DEVELOPMENT	**11,341**		**(11,341)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

032 - CANYON PARK WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - OPERATING			
BROOKSHIRE WW-EUC's	1,000		(1,000)
BROOKSHIRE WW-SERVICE	690,000		(690,000)
BROOKSHIRE WW-PROF FEES	25,000		(25,000)
BROOKSHIRE WW-MISC	34,000		(34,000)
Total	**750,000**		**(750,000)**
CANYON PRK PLNT EXPAN-STAFF		30,900	30,900
CANYON PRK PLNT EXPAN-BENEFITS		12,515	12,515
CANYON PRK PLNT EXPAN-A&G		10,197	10,197
CANYON PRK PLNT EXPAN-PROF FEE	300,000	300,000	
CANYON PRK PLNT EXPAN-MISC	1,000	1,000	
Total	**301,000**	**354,612**	**53,612**
TOTAL WIP - OPERATING	**1,051,000**	**354,612**	**(696,388)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

CANYON PARK WWTP

	FY 2017 BUDGET
AUTO & HEAVY EQUIPMENT	
1/4 COST OF MANURE SPREADER	10,000
Total AUTO & HEAVY EQUIPMENT	**10,000**
MISCELLANEOUS EQUIPMENT	
1/2 COST OF SONDE LINE LOCATOR	1,750
1/4 COST LAB EQUIPMENT	2,500
1/4 COST OF 2 ROLL-OFF CONTAINERS	2,500
1/4 COST OF LAWN MOWER	1,000
PAD FOR ROLL-OFF CONTAINER	7,700
Total MISCELLANEOUS EQUIPMENT	**15,450**
TOTAL CAPITAL ADDITIONS	**25,450**

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Rural Utilities Division
Dunlap Wastewater Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/17

BACKGROUND

The Rural Utilities Division is responsible for operating four wastewater reclamation systems that include Canyon Park Estates, Dunlap, Springs Hill 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 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 $41,400 due to an increase in the number of customers receiving wastewater service from the plant. Miscellaneous income will decrease by $29,104 due to a reduction in the number of new connections being added to the system in FY 2017 compared to FY 2016. The combination of service fees and miscellaneous income is budgeted to total $906,544 in FY 2017.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The following Work Plan and Budget describes the operations and maintenance to be performed during FY 2017 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. Lift station maintenance (material and services) - $19,000.
5. The purchase of a chlorine regulator - $1,400.

6. One-fourth the cost of a manure spreader. - $10,000.
7. One-fourth the cost of two roll-off containers. - $2,500.
8. One-fourth the cost of lab equipment. - $2,500.
9. One-half the cost of a line locator. - $1,750.
10. One-fourth the cost of a lawn mower. - $1,000.
11. A pad for the roll-off container. - $7,700.
12. A shop/office/lab building. – $110,000.

Total operating expenses are projected to increase $78,768 or 17.7% in FY 2017.

Another significant expenditure category for next year is debt service amounting to $203,736. This debt service principally relates to the $2.6 million expansion of the Dunlap Collection System that occurred in FY 2012.

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 2017 budgeted expenditures and receiving the above listed funding sources is $29,597.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

033 - DUNLAP WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WASTEWATER SERVICES:			
SERVICE FEES	591,600	633,000	41,400
Total WASTEWATER SERVICES	**591,600**	**633,000**	**41,400**
MISCELLANEOUS INCOME:			
CONNECTION FEES	255,128	232,644	(22,484)
INSPECTION FEES	26,520	19,900	(6,620)
MISCELLANEOUS REVENUES	21,000	21,000	
Total MISCELLANEOUS INCOME	**302,648**	**273,544**	**(29,104)**
TOTAL OPERATING REVENUES	**894,248**	**906,544**	**12,296**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	17,532	26,443	8,910
SUPERVISION	13,526	14,565	1,039
LABOR	65,872	71,369	5,497
Total OPERATING SALARIES & WAGES	**96,930**	**112,376**	**15,446**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	300	300	
EMPLOYEE BENEFITS	48,221	60,036	11,816
Total EMPLOYEE EXPENSES & BENEFITS	**48,521**	**60,336**	**11,816**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	9,500	9,500	
BUILDING RENTAL	1,893	13,344	11,451
DUES AND MEMBERSHIPS	200	200	
PUBLICATIONS AND BOOKS	50	50	
SMALL TOOLS EXPENSE	400	1,000	600
TRACTORS AND EQUIPMENT		100	100
UNIFORMS AND LAUNDRY	600	1,200	600
TRAINING EXPENSES	1,100	1,300	200
SAFETY & EMERG. EXPENSES	800	1,000	200
SECURITY EXPENSE	100	100	
POWER AND UTILITIES	54,000	66,500	12,500
AUXILIARY POWER EXPENSE	2,000	3,000	1,000
CHLORINE	400	400	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

033 - DUNLAP WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
ALUM	16,000	16,000	
POLYMER	1,500	1,500	
LAB SUPPLIES & EXPENSES	21,500	21,500	
PROFESSIONAL FEES	1,500	2,000	500
INSPECTION FEES	9,500	9,500	
COMMUNICATIONS	800	1,000	200
OFFICE SUPPLIES & EXPENSES	300	300	
COMPUTER SUPPLIES & SERVICE	1,500	1,500	
BANK SERVICE FEES	1,200	1,200	
INSURANCE EXPENSE	12,400	12,400	
MISCELLANEOUS EXPENSES	1,000	1,000	
Total OPERATING SUPPLIES & SERVICES	**138,243**	**165,594**	**27,351**
MAINTENANCE & REPAIR			
LABOR	22,134	35,861	13,727
MATERIAL	23,950	34,550	10,600
SERVICES	75,650	65,850	(9,800)
Total MAINTENANCE & REPAIR	**121,734**	**136,261**	**14,527**
TOTAL OPERATING & MAINTENANCE	**405,428**	**474,568**	**69,140**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	39,291	48,918	9,627
Total ADMINISTRATIVE & GENERAL	**39,291**	**48,918**	**9,627**
TOTAL OPERATING EXPENSES	**444,719**	**523,486**	**78,768**
NET OPERATING INCOME	**449,529**	**383,058**	**(66,472)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

033 - DUNLAP WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	894,248	906,544	12,296
OPERATING EXPENSES	(444,719)	(523,486)	(78,768)
NET OPERATING INCOME	**449,529**	**383,058**	**(66,472)**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON NOW ACCTS	12	24	12
INT ON DUNLAP RESERVE	1,800	1,920	120
INT ON DUNLAP I&S FUND	480	60	(420)
Total INTEREST INCOME	**2,292**	**2,004**	**(288)**
INTEREST & BANK FEES:			
INT ON LONG TERM LOANS	(78,012)	(80,856)	(2,844)
Total INTEREST & BANK FEES	**(78,012)**	**(80,856)**	**(2,844)**
TOTAL NON-OPERATING REVENUES (EXPENSES)	**(75,720)**	**(78,852)**	**(3,132)**
CHANGE IN NET ASSETS	**373,809**	**304,206**	**(69,604)**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE	**373,809**	**304,206**	**(69,604)**
PURCHASES OF FIXED ASSETS			
AUTO & HEAVY EQUIPMENT	16,250	10,000	(6,250)
MISCELLANEOUS EQUIPMENT	24,000	15,450	(8,550)
Total PURCHASES OF FIXED ASSETS	**40,250**	**25,450**	**(14,800)**
WORK IN PROGRESS			
WIP-OPERATING	132,000	110,000	(22,000)
Total WORK IN PROGRESS	**132,000**	**110,000**	**(22,000)**
CHANGE IN RESTRICTED FUNDS	**2,280**	**1,980**	**(300)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

033 - DUNLAP WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
PROJECT DEVELOPMENT	**9,434**	**14,299**	**4,865**
DEBT SERVICE			
EQUIP LOAN PAID	7,152	7,380	228
BANK LOAN PAID	105,000	105,000	
EMERGENCY GENERATOR		10,500	10,500
Total DEBT SERVICE	**112,152**	**122,880**	**10,728**
TOTAL FUNDS APPLIED	**296,116**	**274,609**	**(21,507)**
NET CHANGE IN FUND BALANCE	**77,693**	**29,597**	**(48,096)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

033 - DUNLAP WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	4,833	13,105	8,273
STA- CLERICAL	12,700	13,337	638
Total STAFF TECHNICAL ASSISTANCE	**17,532**	**26,443**	**8,910**
SUPERVISION:			
SUPERVISION	13,526	14,565	1,039
Total SUPERVISION	**13,526**	**14,565**	**1,039**
OPERATING LABOR:			
CLERICAL	1,089	1,122	33
REG- OPERATING LABOR	58,158	62,864	4,706
REG- MISC LABOR		112	112
REG- PURCHASING AGENT	329	422	93
REG- SAFETY & TRAINING	46	59	13
OVT- OPERATING LABOR	5,106	5,309	203
REG- WORKING HOLIDAY LABOR	1,142	1,481	339
Total OPERATING LABOR	**65,872**	**71,369**	**5,497**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	21,010	34,385	13,375
Total M&R-LABOR	**21,010**	**34,385**	**13,375**
M&R-OVERTIME:			
OVT/LBR- OTHER	1,124	1,476	352
Total M&R-OVERTIME	**1,124**	**1,476**	**352**
Total MAINTENANCE & REPAIR	**22,134**	**35,861**	**13,727**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
PD-SUPERVISION & LABOR:			
DUNLAP AREA MASTER PLAN-SUPERV	5,438	8,242	2,804

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

033 - DUNLAP WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total PD-SUPERVISION & LABOR	**5,438**	**8,242**	**2,804**
Total PROJECT DEVELOPMENT	**5,438**	**8,242**	**2,804**
TOTAL SALARIES & WAGES	**124,501**	**156,479**	**31,978**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

033 - DUNLAP WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	21,010	34,385	13,375
OVT/LBR- OTHER	1,124	1,476	352
Total LABOR	**22,134**	**35,861**	**13,727**
MATERIAL:			
M&R/MAT- GROUNDS	100	400	300
M&R/MAT- BUILDINGS	2,000	2,000	
M&R/MAT- COMMINUTOR	200	200	
M&R/MAT- CLARIFIERS	200	300	100
M&R/MAT- PAINT EQUIPMENT	100	100	
M&R/MAT- PUMPS & MOTORS	1,000	4,000	3,000
M&R/MAT- CHEM FEED/SAMPLE	500	1,500	1,000
M&R/MAT- GREASE EQUIPMENT	200	300	100
M&R/MAT- CONTROL SYSTEM	900	2,000	1,100
M&R/MAT- LINES & VALVES	900	900	
M&R/MAT- FLOW METERS	200	200	
M&R/MAT- LIFT STATION	9,000	10,000	1,000
M&R/MAT- SEWER SYSTEM	2,000	6,000	4,000
M&R/MAT- TRUCKS,TRAILER&EQ	300	300	
M&R/MAT- RADIO EQUIPMENT	100	100	
M&R/MAT- GENERAL MAINT.	100	100	
M&R/MAT- BIOSOLIDS REMOVAL	900	900	
M&R/MAT- SAFETY	200	200	
M&R/MAT- STORAGE BUILDING	100	100	
M&R/MAT- ROADS	100	100	
M&R/MAT - BIOSOLIDS SITE	500	500	
M&R/MAT- SCADA	900	900	
M&R/MAT- AUX GENERATOR	400	400	
M&R/MAT- U.V. SYSTEM	3,000	3,000	
M&R/MAT- OTHER	50	50	
Total MATERIAL	**23,950**	**34,550**	**10,600**
SERVICES:			
M&R/SER- GROUNDS	4,000	2,000	(2,000)
M&R/SER- COMMINUTOR	200	200	
M&R/SER- CLARIFIERS	400	400	
M&R/SER- PUMPS & MOTORS	1,300	2,500	1,200
M&R/SER- CHEM FEED/SAMPLE	200	200	
M&R/SER- CONTROL SYSTEM	900	900	
M&R/SER- LINES & VALVES	5,000	5,000	
M&R/SER- FLOW METERS	400	400	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

033 - DUNLAP WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/SER- LIFT STATION	9,000	9,000	
M&R/SER- SEWER SYSTEM	25,000	25,000	
M&R/SER- TRUCKS,TRAILER&EQ	900	900	
M&R/SER- RADIO EQUIPMENT	100	100	
M&R/SER- GENERAL MAINT.	100	100	
M&R/SER- BIOSOLIDS REMOVAL	24,000	15,000	(9,000)
M&R/SER - BIOSOLIDS SITE	300	300	
M&R/SER- SCADA	800	800	
M&R/SER- AUX GENERATOR	2,000	2,000	
M&R/SER- U.V. SYSTEM	1,000	1,000	
M&R/SER- GEN. OFFICE BLDG	50	50	
Total SERVICES	**75,650**	**65,850**	**(9,800)**
TOTAL MAINTENANCE & REPAIR	**121,734**	**136,261**	**14,527**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

033 - DUNLAP WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
PROJECT DEVELOPMENT			
DUNLAP AREA MASTER PLAN-BENEFT	2,202	3,338	1,136
DUNLAP AREA MASTER PLAN-A&G	1,794	2,720	925
DUNLAP AREA MASTER PLAN-SUPERV	5,438	8,242	2,804
Total	**9,434**	**14,299**	**4,865**
TOTAL PROJECT DEVELOPMENT	**9,434**	**14,299**	**4,865**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

033 - DUNLAP WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - OPERATING			
SHOP/OFFICE/LAB BLDG-SERVICES		100,000	100,000
SHOP/OFFICE/LAB BLDG-PROF FEES		4,000	4,000
SHOP/OFFICE/LAB BLDG-MAT'L		5,000	5,000
SHOP/OFFICE/LAB BLDG-MISC		1,000	1,000
Total		**110,000**	**110,000**
EMERGENCY GEN INSTALL-SERVICE	124,000		(124,000)
EMERGENCY GEN INSTALL-MATERIAL	5,000		(5,000)
EMERGENCY GEN INSTALL-MISC	3,000		(3,000)
Total	**132,000**		**(132,000)**
TOTAL WIP - OPERATING	**132,000**	**110,000**	**(22,000)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

DUNLAP WWTP

	FY 2017 BUDGET
AUTO & HEAVY EQUIPMENT	
1/4 COST OF MANURE SPREADER	10,000
Total AUTO & HEAVY EQUIPMENT	**10,000**
MISCELLANEOUS EQUIPMENT	
1/2 COST OF SONDE LINE LOCATOR	1,750
1/4 COST LAB EQUIPMENT	2,500
1/4 COST OF 2 ROLL-OFF CONTAINERS	2,500
1/4 COST OF LAWN MOWER	1,000
PAD FOR ROLL-OFF CONTAINER	7,700
Total MISCELLANEOUS EQUIPMENT	**15,450**
TOTAL CAPITAL ADDITIONS	**25,450**

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Rural Utilities Division
Northcliffe Wastewater Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/17

BACKGROUND

The Rural Utilities Division is responsible for operating four wastewater reclamation systems that include the Canyon Park Estates, Dunlap, Springs Hill 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 2017, the operating and capital expenditures of this plant are expected to decrease by $215,107 and therefore under the contract with the City of Schertz, wastewater service revenue will also decrease by $215,107 to a total of $327,962.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The following Work Plan and Budget describes the operations and maintenance to be performed during FY 2017 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-fourth the cost of a manure spreader - $10,000.
3. One-fourth the cost of two roll-off containers - $2,500.
4. One-fourth the cost of lab equipment - $2,500.
5. One-fourth the cost of a lawn mower - $1,000.
6. A pad for the roll-off container - $7,700.
7. Aspirating Aerator rental - $16,900.
8. Mobile sludge press rental - $13,368.
9. Removal of bio-solids (sludge) from the plant and delivery to an application site - $15,000.
10. 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 2017 amounts to only $24.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

034 - NORTHCLIFFE WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WASTEWATER SERVICES:			
OPERATING & MAINTENANCE	242,524	270,257	27,733
ADMINISTRATIVE & GENERAL	34,395	34,005	(391)
ADDITIONS TO PLANT & EQUIP.	266,150	23,700	(242,450)
Total WASTEWATER SERVICES	**543,070**	**327,962**	**(215,107)**
TOTAL OPERATING REVENUES	**543,070**	**327,962**	**(215,107)**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	6,825	7,391	566
SUPERVISION	10,026	10,934	908
LABOR	65,510	62,457	(3,053)
Total OPERATING SALARIES & WAGES	**82,361**	**80,782**	**(1,579)**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	300	300	
EMPLOYEE BENEFITS	42,213	41,640	(572)
Total EMPLOYEE EXPENSES & BENEFITS	**42,513**	**41,940**	**(572)**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	4,000	3,000	(1,000)
BUILDING RENTAL	1,893	1,368	(525)
EQUIPMENT RENTAL		30,268	30,268
DUES AND MEMBERSHIPS	100	100	
PUBLICATIONS AND BOOKS	40	40	
SMALL TOOLS EXPENSE	200	600	400
TRACTORS AND EQUIPMENT		100	100
UNIFORMS AND LAUNDRY	400	400	
TRAINING EXPENSES	1,200	1,200	
SAFETY & EMERG. EXPENSES	400	400	
POWER AND UTILITIES	19,500	20,000	500
AUXILLARY POWER EXPENSE	900	1,000	100
CHLORINE	2,200	2,900	700
POLYMER	2,000	1,800	(200)
LAB SUPPLIES & EXPENSES	11,000	11,500	500
PROFESSIONAL FEES	900	900	
INSPECTION FEES	2,400	2,400	
COMMUNICATIONS	700	700	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

034 - NORTHCLIFFE WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OFFICE SUPPLIES & EXPENSES	50	100	50
COMPUTER SUPPLIES & SERVICE	1,100	1,000	(100)
INSURANCE EXPENSE	5,700	5,700	
MISCELLANEOUS EXPENSES	1,000	1,000	
Total OPERATING SUPPLIES & SERVICES	**55,683**	**86,476**	**30,793**
MAINTENANCE & REPAIR			
LABOR	21,868	22,034	166
MATERIAL	11,050	11,050	
SERVICES	29,050	28,050	(1,000)
Total MAINTENANCE & REPAIR	**61,968**	**61,134**	**(834)**
TOTAL OPERATING & MAINTENANCE	**242,524**	**270,332**	**27,808**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	34,395	33,929	(466)
Total ADMINISTRATIVE & GENERAL	**34,395**	**33,929**	**(466)**
TOTAL OPERATING EXPENSES	**276,920**	**304,262**	**27,342**
NET OPERATING INCOME	**266,150**	**23,700**	**(242,450)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

034 - NORTHCLIFFE WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	543,070	327,962	(215,107)
OPERATING EXPENSES	(276,920)	(304,262)	(27,342)
NET OPERATING INCOME	**266,150**	**23,700**	**(242,450)**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON NOW ACCTS	12	24	12
INT ON RESTD INVESTMENTS	480	420	(60)
Total INTEREST INCOME	**492**	**444**	**(48)**
TOTAL NON-OPERATING REVENUES (EXPENSES)	**492**	**444**	**(48)**
CHANGE IN NET ASSETS	**266,642**	**24,144**	**(242,498)**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE	**266,642**	**24,144**	**(242,498)**
PURCHASES OF FIXED ASSETS			
AUTO & HEAVY EQUIPMENT	16,250	10,000	(6,250)
MISCELLANEOUS EQUIPMENT		13,700	13,700
Total PURCHASES OF FIXED ASSETS	**16,250**	**23,700**	**7,450**
WORK IN PROGRESS			
WIP-OPERATING	249,900		(249,900)
Total WORK IN PROGRESS	**249,900**		**(249,900)**
CHANGE IN RESTRICTED FUNDS	**480**	**420**	**(60)**
DEBT SERVICE			
TOTAL FUNDS APPLIED	**266,630**	**24,120**	**(242,510)**
NET CHANGE IN FUND BALANCE	**12**	**24**	**12**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

034 - NORTHCLIFFE WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	3,677	4,520	843
STA- CLERICAL	3,148	2,871	(277)
Total STAFF TECHNICAL ASSISTANCE	**6,825**	**7,391**	**566**
SUPERVISION:			
SUPERVISION	10,026	10,934	908
Total SUPERVISION	**10,026**	**10,934**	**908**
OPERATING LABOR:			
CLERICAL	398	410	12
REG- OPERATING LABOR	59,476	57,038	(2,438)
REG- PURCHASING AGENT	273	233	(40)
REG- SAFETY & TRAINING	38	33	(6)
OVT- OPERATING LABOR	4,377	3,927	(449)
REG- WORKING HOLIDAY LABOR	948	816	(131)
Total OPERATING LABOR	**65,510**	**62,457**	**(3,053)**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	21,118	21,296	177
Total M&R-LABOR	**21,118**	**21,296**	**177**
M&R-OVERTIME:			
OVT/LBR- OTHER	749	738	(11)
Total M&R-OVERTIME	**749**	**738**	**(11)**
Total MAINTENANCE & REPAIR	**21,868**	**22,034**	**166**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**104,229**	**102,816**	**(1,413)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

034 - NORTHCLIFFE WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	21,118	21,296	177
OVT/LBR- OTHER	749	738	(11)
Total LABOR	**21,868**	**22,034**	**166**
MATERIAL:			
M&R/MAT- GROUNDS	200	200	
M&R/MAT- BUILDINGS	400	400	
M&R/MAT- CLARIFIERS	500	500	
M&R/MAT- PUMPS & MOTORS	2,000	2,000	
M&R/MAT- CHEM FEED/SAMPLE	2,000	2,000	
M&R/MAT- GREASE EQUIPMENT	200	200	
M&R/MAT- CONTROL SYSTEM	1,000	1,000	
M&R/MAT- LINES & VALVES	500	500	
M&R/MAT- FLOW METER	400	400	
M&R/MAT- LIFT STATION	500	500	
M&R/MAT- TRUCKS,TRAILER&EQ	200	200	
M&R/MAT- RADI0 EQUIPMENT	100	100	
M&R/MAT- BIOSOLIDS REMOVAL	900	900	
M&R/MAT- SAFETY	500	500	
M&R/MAT- ROADS	100	100	
M&R/MAT - BIOSOLIDS SITE	500	500	
M&R/MAT- SCADA	500	500	
M&R/MAT- AUX GENERATOR	300	300	
M&R/MAT- GEN. OFFICE BLDG	50	50	
M&R/MAT- OTHER	200	200	
Total MATERIAL	**11,050**	**11,050**	
SERVICES:			
M&R/SER- GROUNDS	3,500	2,500	(1,000)
M&R/SER- PUMPS & MOTORS	1,000	1,000	
M&R/SER- CHEM FEED/SAMPLE	1,300	1,300	
M&R/SER- CONTROL SYSTEM	900	900	
M&R/SER- LINES & VALVES	500	500	
M&R/SER- FLOW METER	400	400	
M&R/SER- LIFT STATION	1,000	1,000	
M&R/SER -TRUCKS,TRAILER&EQ	1,500	1,500	
M&R/SER- BIOSOLIDS REMOVAL	15,000	15,000	
M&R/SER - BIOSOLIDS SITE	1,200	1,200	
M&R/SER- SCADA	1,000	1,000	
M&R/SER- AUX GENERATOR	1,500	1,500	
M&R/SER- GEN. OFFICE BLDG	50	50	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

034 - NORTHCLIFFE WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/SER- OTHER	200	200	
Total SERVICES	**29,050**	**28,050**	**(1,000)**
TOTAL MAINTENANCE & REPAIR	**61,968**	**61,134**	**(834)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

034 - NORTHCLIFFE WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - OPERATING			
TREATMENT PLANT IMPROV- SERV	206,850		(206,850)
TREATMENT PLANT IMPROV- PROF	26,250		(26,250)
TREATMENT PLANT IMPROV- MAT'L	15,750		(15,750)
TREATMENT PLANT IMPROV- MISC	1,050		(1,050)
Total	**249,900**		**(249,900)**
TOTAL WIP - OPERATING	**249,900**		**(249,900)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

NORTHCLIFFE WWTP

	FY 2017 BUDGET
AUTO & HEAVY EQUIPMENT	
1/4 COST OF MANURE SPREADER	10,000
Total AUTO & HEAVY EQUIPMENT	**10,000**
MISCELLANEOUS EQUIPMENT	
1/4 COST OF 2 ROLL-OFF CONTAINERS	2,500
1/4 COST OF LAB EQUIPMENT	2,500
1/4 COST OF LAWN MOWER	1,000
PAD FOR ROLL-OFF CONTAINER	7,700
Total MISCELLANEOUS EQUIPMENT	**13,700**
TOTAL CAPITAL ADDITIONS	**23,700**

Rural Utilities Division
Springs Hill Wastewater Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/17

BACKGROUND

The Rural Utilities Division is responsible for operating four wastewater reclamation systems that include Canyon Park Estates, Dunlap, Springs Hill 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 Springs Hill 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 gallons per day.

REVENUE SOURCES AND TRENDS

The Rural Utilities Division operates the Springs Hill wastewater treatment plant which provides services to residents of the City of Seguin. The City of Seguin makes payments to reimburse GBRA for all of the cost of operating and maintaining the Springs Hill plant. During FY 2017, the aggregate of the total operating expenditures, capital additions, and the payoff of emergency generating equipment purchased in FY 2014 for the plant are expected to decrease by $147. Total revenue from the City is similarly expected to decrease by $147 to $285,087 as a result of the slightly lower operating costs budgeted for next year. Therefore, the unit rate charged to the City is budgeted to remain at $6.97/1,000 gallons since GBRA is projecting higher wastewater flows into the plant and this will offset the higher operating expenditures.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The following Work Plan and Budget describes the operations and maintenance to be performed during FY 2017 at the Springs Hill 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 Hydroelectric/Rural Utilities Division Manager provides supervision of the division. The total personnel costs included in the FY 2017 plant budget is $105,677 which is a 2.6% increase.

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 and capital addition expenses for the ensuing Fiscal Year include:
1. Replacing a chlorine regulator - $1,400.
2. One-fourth the cost of a manure spreader. - $10,000.
3. One-fourth the cost of two roll-off containers. - $2,500.
4. One-fourth the cost of lab equipment. - $2,500.
5. One-fourth the cost of a lawn mower. - $1,000.
6. A pad for the roll-off container. - $7,700.
7. The removal of bio-solids (sludge) from the plant and delivery to an application site - $10,000.
8. Instrumentation Services, Inc. (ISI) perform predictive maintenance on all plant equipment - $1,000.

FUND BALANCE

Funds for the maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided from operating revenues from the City of Seguin as well as from other funds also from the City of Seguin which relate to a development agreement between GBRA and the City dating back to 2004. The net increase in fund balance that GBRA anticipates in the Springs Hill WWTP System of the Rural Utilities Division after paying all FY 2017 budgeted expenditures is $84,002.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

035 - SPRINGS HILL WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WASTEWATER SERVICES:			
SERVICE FEES-CITY OF SEGUIN	285,234	285,087	(147)
Total WASTEWATER SERVICES	**285,234**	**285,087**	**(147)**
TOTAL OPERATING REVENUES	**285,234**	**285,087**	**(147)**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	6,599	7,232	633
SUPERVISION	5,521	6,311	790
LABOR	43,181	41,354	(1,827)
Total OPERATING SALARIES & WAGES	**55,302**	**54,898**	**(404)**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	300	300	
EMPLOYEE BENEFITS	29,613	30,462	849
Total EMPLOYEE EXPENSES & BENEFITS	**29,913**	**30,762**	**849**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	3,500	2,000	(1,500)
BUILDING RENTAL	1,893		(1,893)
EQUIPMENT RENTAL		7,680	7,680
DUES AND MEMBERSHIPS	150	150	
PUBLICATIONS AND BOOKS	50	50	
SMALL TOOLS EXPENSE	500	500	
TRACTORS AND EQUIPMENT		100	100
UNIFORMS AND LAUNDRY	300	300	
TRAINING EXPENSES	2,200	2,000	(200)
SAFETY & EMERG. EXPENSES	1,000	1,000	
SECURITY EXPENSE	100	100	
POWER AND UTILITIES	17,500	22,500	5,000
AUXILLARY POWER EXPENSE	500	900	400
CHLORINE	1,200	1,250	50
POLYMER	1,500	1,250	(250)
LAB SUPPLIES & EXPENSES	13,000	14,500	1,500
PROFESSIONAL FEES	1,000	900	(100)
INSPECTION FEES	4,200	4,200	
COMMUNICATIONS	600	600	
OFFICE SUPPLIES & EXPENSES	100	50	(50)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

035 - SPRINGS HILL WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
COMPUTER SUPPLIES & SERVICE	1,100	1,150	50
INSURANCE EXPENSE	6,500	6,500	
MISCELLANEOUS EXPENSES	1,000	1,000	
Total OPERATING SUPPLIES & SERVICES	**57,893**	**68,680**	**10,787**
MAINTENANCE & REPAIR			
LABOR	17,817	20,317	2,500
MATERIAL	13,600	13,600	
SERVICES	19,200	16,700	(2,500)
Total MAINTENANCE & REPAIR	**50,617**	**50,617**	**()**
TOTAL OPERATING & MAINTENANCE	**193,724**	**204,956**	**11,232**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	24,129	24,821	692
Total ADMINISTRATIVE & GENERAL	**24,129**	**24,821**	**692**
TOTAL OPERATING EXPENSES	**217,854**	**229,777**	**11,923**
NET OPERATING INCOME	**67,380**	**55,310**	**(12,070)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

035 - SPRINGS HILL WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	285,234	285,087	(147)
OPERATING EXPENSES	(217,854)	(229,777)	(11,923)
NET OPERATING INCOME	**67,380**	**55,310**	**(12,070)**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON NOW ACCTS	12	24	12
INTEREST ON CITY OF SEGUIN N/R	16,778	14,638	(2,140)
Total INTEREST INCOME	**16,790**	**14,662**	**(2,128)**
INTEREST & BANK FEES:			
INT ON LONG TERM LOANS	(1,608)	(1,164)	444
Total INTEREST & BANK FEES	**(1,608)**	**(1,164)**	**444**
TOTAL NON-OPERATING REVENUES (EXPENSES)	**15,182**	**13,498**	**(1,684)**
CHANGE IN NET ASSETS	**82,562**	**68,808**	**(13,754)**
CHANGE IN RESTRICTED FUNDS:			
SOURCE-CHANGE IN RESTR. FUNDS		52,862	52,862
Total CHANGE IN RESTRICTED FUNDS		**52,862**	**52,862**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE	**82,562**	**121,670**	**39,108**
PURCHASES OF FIXED ASSETS			
AUTO & HEAVY EQUIPMENT	16,250	10,000	(6,250)
MISCELLANEOUS EQUIPMENT		13,700	13,700
Total PURCHASES OF FIXED ASSETS	**16,250**	**23,700**	**7,450**
WORK IN PROGRESS			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

035 - SPRINGS HILL WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
DEBT SERVICE			
BANK LOAN PAID-EQUIPMENT	13,536	13,968	432
Total DEBT SERVICE	**13,536**	**13,968**	**432**
TOTAL FUNDS APPLIED	**29,786**	**37,668**	**7,882**
NET CHANGE IN FUND BALANCE	**52,776**	**84,002**	**31,226**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

035 - SPRINGS HILL WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	3,336	4,082	746
STA- CLERICAL	3,263	3,151	(113)
Total STAFF TECHNICAL ASSISTANCE	**6,599**	**7,232**	**633**
SUPERVISION:			
SUPERVISION	5,521	6,311	790
Total SUPERVISION	**5,521**	**6,311**	**790**
OPERATING LABOR:			
CLERICAL	398	410	12
REG- OPERATING LABOR	37,896	36,504	(1,393)
REG- PURCHASING AGENT	199	185	(14)
REG- SAFETY & TRAINING	28	26	(2)
OVT- OPERATING LABOR	3,968	3,581	(388)
REG- WORKING HOLIDAY LABOR	691	649	(43)
Total OPERATING LABOR	**43,181**	**41,354**	**(1,827)**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	17,068	19,579	2,511
Total M&R-LABOR	**17,068**	**19,579**	**2,511**
M&R-OVERTIME:			
OVT/LBR- OTHER	749	738	(11)
Total M&R-OVERTIME	**749**	**738**	**(11)**
Total MAINTENANCE & REPAIR	**17,817**	**20,317**	**2,500**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**73,119**	**75,214**	**2,096**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

035 - SPRINGS HILL WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	17,068	19,579	2,511
OVT/LBR- OTHER	749	738	(11)
Total LABOR	**17,817**	**20,317**	**2,500**
MATERIAL:			
M&R/MAT- GROUNDS	100	100	
M&R/MAT- BUILDING	500	500	
M&R/MAT- CLARIFIER	500	500	
M&R/MAT- PAINT EQUIPMENT	50	50	
M&R/MAT- PUMPS & MOTORS	4,000	4,000	
M&R/MAT- CHEM FEED/SAMPLE	4,500	4,500	
M&R/MAT- GREASE EQUIPMENT	100	100	
M&R/MAT- CONTROL SYSTEM	500	500	
M&R/MAT- LINES & VALVES	400	400	
M&R/MAT- FLOW METER	300	300	
M&R/MAT- TRUCKS,TRAILER&EQ	200	200	
M&R/MAT- RADIO EQUIPMENT	100	100	
M&R/MAT- GENERAL MAINT.	50	50	
M&R/MAT- BIOSOLIDS REMOVAL	500	500	
M&R/MAT- SAFETY	200	200	
M&R/MAT- STORAGE BUILDING	100	100	
M&R/MAT- ROADS	50	50	
M&R/MAT- BIOSOLIDS SITE	600	600	
M&R/MAT- SCADA	600	600	
M&R/MAT- AUX GENERATOR	200	200	
M&R/MAT- OTHER	50	50	
Total MATERIAL	**13,600**	**13,600**	
SERVICES:			
M&R/SER- GROUNDS	2,500	2,000	(500)
M&R/SER- PUMPS & MOTORS	500	500	
M&R/SER- CHEM FEED/SAMPLE	400	400	
M&R/SER- CONTROL SYSTEM	400	400	
M&R/SER- FLOW METER	300	300	
M&R/SER- TRUCKS,TRAILER&EQ	800	800	
M&R/SER- RADIO EQUIPMENT	50	50	
M&R/SER- GENERAL MAINT.	50	50	
M&R/SER- BIOSOLIDS REMOVAL	12,000	10,000	(2,000)
M&R/SER- SAFETY	100	100	
M&R/SER- ROADS	100	100	
M&R/SER- BIOSOLIDS SITE	900	900	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

035 - SPRINGS HILL WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/SER- SCADA	500	500	
M&R/SER- AUX GENERATOR	500	500	
M&R/SER- GEN. OFFICE BLDG	50	50	
M&R/SER- OTHER	50	50	
Total SERVICES	**19,200**	**16,700**	**(2,500)**
TOTAL MAINTENANCE & REPAIR	**50,617**	**50,617**	**()**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

SPRINGS HILL WWTP

	FY 2017 BUDGET
AUTO & HEAVY EQUIPMENT	
1/4 COST OF MANURE SPREADER	10,000
Total AUTO & HEAVY EQUIPMENT	**10,000**
MISCELLANEOUS EQUIPMENT	
1/4 COST OF 2 ROLL-OFF CONTAINERS	2,500
1/4 COST OF LAB EQUIPMENT	2,500
1/4 COST OF LAWN MOWER	1,000
PAD FOR ROLL-OFF CONTAINER	7,700
Total MISCELLANEOUS EQUIPMENT	**13,700**
TOTAL CAPITAL ADDITIONS	**23,700**

Rural Utilities Division
Sunfield Wastewater Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/17

BACKGROUND

The following Work Plan and Budget is based on the treatment of an average sewage flow of 54.02 million gallons per year or 0.148 million gallons per day for Fiscal Year 2017.

GBRA assumed operation of the Sunfield Wastewater Treatment Plant upon completion of construction and plant start-up in October 2009. Two 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 0.25 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 2017 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 54,020,000 gallons of wastewater. The budgeted FY 2017 revenue for the Sunfield System is $209,817.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The total operating expenditure budget for FY 2017 amounts to $209,817.

In addition to personnel costs, other significant operating and maintenance expenses are power and utilities expenses of $42,000, chemical expenses of $7,200, biosolids disposal of $16,000 and laboratory supplies of $18,700.

An added expense included for the first time is equipment rental cost of $5,868. This represents the cost of a mobile press that will be used to "de-water" the plant's bio-solids which will ultimately result in lower bio-solids removal costs.

The budget includes the standard administration and general percentage charged to all operating divisions of GBRA and the budget for this expense is $15,332.

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 2017 is $0.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

037 - SUNFIELD WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WASTEWATER SERVICES:			
PLANT O & M EXPENSES	178,918	194,485	15,567
ADMINISTRATIVE & GENERAL	13,495	15,332	1,837
Total WASTEWATER SERVICES	**192,413**	**209,817**	**17,404**
TOTAL OPERATING REVENUES	**192,413**	**209,817**	**17,404**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	4,264	5,474	1,210
SUPERVISION	10,393	9,543	(851)
LABOR	20,239	21,458	1,219
Total OPERATING SALARIES & WAGES	**34,896**	**36,474**	**1,578**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEE BENEFITS	16,562	18,816	2,254
Total EMPLOYEE EXPENSES & BENEFITS	**16,562**	**18,816**	**2,254**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	1,800	1,800	
EQUIPMENT RENTAL		5,868	5,868
SMALL TOOLS EXPENSE	200	200	
TRACTORS AND EQUIPMENT	200	300	100
UNIFORMS AND LAUNDRY	72		(72)
BIOSOLIDS DISPOSAL COSTS	14,000	16,000	2,000
SAFETY & EMERG. EXPENSES	240	360	120
POWER AND UTILITIES	42,000	42,000	
AUXILLARY POWER EXPENSE	2,800	3,000	200
OPERATING CHEMICALS	350	400	50
CHLORINE	1,400	1,600	200
ALUM/FERRIC/CITRIC ACID	5,000	5,200	200
LAB SUPPLIES & EXPENSES	18,000	18,700	700
PROFESSIONAL FEES	1,500	1,500	
INSPECTION/TESTING FEES	2,100	2,100	
COMMUNICATIONS	1,080	1,100	20
OFFICE SUPPLIES & EXPENSES	200	220	20
COMPUTER SUPPLIES & SERVICE	120	150	30
INSURANCE EXPENSE	4,700	4,700	
MISCELLANEOUS EXPENSES	240	240	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

037 - SUNFIELD WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total OPERATING SUPPLIES & SERVICES	**96,002**	**105,438**	**9,436**
MAINTENANCE & REPAIR			
LABOR	5,998	9,986	3,989
MATERIAL	6,710	8,120	1,410
SERVICES	18,750	15,650	(3,100)
Total MAINTENANCE & REPAIR	**31,458**	**33,756**	**2,299**
TOTAL OPERATING & MAINTENANCE	**178,918**	**194,485**	**15,567**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	13,495	15,332	1,837
Total ADMINISTRATIVE & GENERAL	**13,495**	**15,332**	**1,837**
TOTAL OPERATING EXPENSES	**192,413**	**209,817**	**17,404**
NET OPERATING INCOME	**0**	**()**	**()**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

037 - SUNFIELD WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	192,413	209,817	17,404
OPERATING EXPENSES	(192,413)	(209,817)	(17,404)
NET OPERATING INCOME	**0**	**()**	**()**
NON-OPERATING REVENUES (EXPENSES)			
TOTAL NON-OPERATING REVENUES (EXPENSES)			
CHANGE IN NET ASSETS	**0**	**()**	**()**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE	**0**	**()**	**()**
PURCHASES OF FIXED ASSETS			
WORK IN PROGRESS			
DEBT SERVICE			
TOTAL FUNDS APPLIED			
NET CHANGE IN FUND BALANCE	**0**	**()**	**()**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

037 - SUNFIELD WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	1,695	2,622	926
STA- CLERICAL	2,568	2,852	284
Total STAFF TECHNICAL ASSISTANCE	**4,264**	**5,474**	**1,210**
SUPERVISION:			
SUPERVISION	10,393	9,543	(851)
Total SUPERVISION	**10,393**	**9,543**	**(851)**
OPERATING LABOR:			
CLERICAL	398	410	12
REG- OPERATING LABOR	14,657	14,996	339
REG- MISC LABOR	403	301	(102)
OVT- OPERATING LABOR	3,941	4,754	813
REG- WORKING HOLIDAY LABOR	840	997	157
Total OPERATING LABOR	**20,239**	**21,458**	**1,219**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	5,998	9,291	3,293
Total M&R-LABOR	**5,998**	**9,291**	**3,293**
M&R-OVERTIME:			
OVT/LBR- OTHER		695	695
Total M&R-OVERTIME		**695**	**695**
Total MAINTENANCE & REPAIR	**5,998**	**9,986**	**3,989**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**40,894**	**46,461**	**5,567**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

037 - SUNFIELD WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	5,998	9,291	3,293
OVT/LBR- OTHER		695	695
Total LABOR	**5,998**	**9,986**	**3,989**
MATERIAL:			
M&R/MAT- GROUNDS	120	120	
M&R/MAT- BUILDINGS	120	120	
M&R/MAT- FILTERS	250	250	
M&R/MAT- CLARIFIERS	120	200	80
M&R/MAT- PUMPS & MOTORS	1,800	2,000	200
M&R/MAT- CHEM FEED/SAMPLING	500	500	
M&R/MAT- LINES & VALVES	120	1,500	1,380
M&R/MAT- FLOW METERS	120	120	
M&R/MAT- LIFT STATIONS	600	600	
M&R/MAT- GENERAL MAINT	240	150	(90)
M&R/MAT- ROADS	600	500	(100)
M&R/MAT- AUX GENERATOR	200	200	
M&R/MAT- BLOWERS	240	300	60
M&R/MAT- INSTRUM/ELECTRICAL	1,200	1,200	
M&R/MAT- NON-POT WATER SYSTEM	240	120	(120)
M&R/MAT- OTHER	240	240	
Total MATERIAL	**6,710**	**8,120**	**1,410**
SERVICES:			
M&R/SER- GROUNDS	1,200	1,200	
M&R/SER- BUILDINGS	120	800	680
M&R/SER- FILTERS	480	500	20
M&R/SER- PUMPS & MOTORS	1,800	2,200	400
M&R/SER- CHEM FEED/SAMPLING	4,600	2,200	(2,400)
M&R/SER- LINES & VALVES	500	500	
M&R/SER- FLOW METERS	240	240	
M&R/SER- LIFT STATIONS	3,250	3,250	
M&R/SER- ROADS	2,500	500	(2,000)
M&R/SER- AUX GENERATOR	2,920	3,100	180
M&R/SER- BLOWERS	240	150	(90)
M&R/SER- INSTRUM/ELECTRICAL	540	650	110
M&R/SER- NON-POT WATER SYSTEM	120	120	
M&R/SER- OTHER	240	240	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

037 - SUNFIELD WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total SERVICES	**18,750**	**15,650**	**(3,100)**
TOTAL MAINTENANCE & REPAIR	**31,458**	**33,756**	**2,299**

The systems within this division are independent systems. The inclusion of the following Division level consolidation pages is for information purposes only.

GUADALUPE-BLANCO RIVER AUTHORITY
RURAL UTILITIES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WASTEWATER SERVICES:			
SERVICE FEES	1,760,588	1,937,086	176,499
ADMINISTRATIVE & GENERAL	47,890	49,337	1,446
SERVICE FEES-CITY OF SEGUIN	285,234	285,087	(147)
ADDS. TO PLANT AND EQUIP.	266,150	23,700	(242,450)
Total WASTEWATER SERVICES	**2,359,862**	**2,295,210**	**(64,652)**
MISCELLANEOUS INCOME:			
CONNECTION FEES	255,128	232,644	(22,484)
INSPECTION FEES	83,110	47,900	(35,210)
MISCELLANEOUS REVENUES	23,400	23,400	
Total MISCELLANEOUS INCOME	**361,638**	**303,944**	**(57,694)**
TOTAL OPERATING REVENUES	**2,721,500**	**2,599,154**	**(122,346)**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	51,066	80,752	29,686
SUPERVISION	64,150	65,997	1,847
LABOR	299,360	300,188	828
Total OPERATING SALARIES & WAGES	**414,576**	**446,938**	**32,361**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	1,620	1,660	40
EMPLOYEE BENEFITS	210,431	234,840	24,410
Total EMPLOYEE EXPENSES & BENEFITS	**212,051**	**236,500**	**24,450**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	27,300	25,700	(1,600)
BUILDING RENTAL	7,572	16,080	8,508
EQUIPMENT RENTAL		58,744	58,744
DUES AND MEMBERSHIPS	800	830	30
PUBLICATIONS AND BOOKS	250	250	
SMALL TOOLS EXPENSE	1,960	3,400	1,440
TRACTORS AND EQUIPMENT	450	1,050	600
UNIFORMS AND LAUNDRY	2,492	3,270	778
BIOSOLIDS DISPOSAL COSTS	58,000	64,000	6,000
BAD DEBT EXPENSE	1,200	1,200	
TRAINING EXPENSES	7,800	7,800	
SAFETY & EMERG. EXPENSES	4,540	5,360	820

GUADALUPE-BLANCO RIVER AUTHORITY
RURAL UTILITIES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SECURITY EXPENSE	300	300	
POWER AND UTILITIES	188,000	215,000	27,000
AUXILLARY POWER EXPENSE	7,740	10,400	2,660
OPERATING CHEMICALS	590	700	110
CHLORINE	9,200	11,550	2,350
ALUM	32,000	34,400	2,400
POLYMER	8,000	8,250	250
LAB SUPPLIES & EXPENSES	101,000	107,700	6,700
PROFESSIONAL FEES	7,340	14,800	7,460
INSPECTION FEES	23,450	23,550	100
COMMUNICATIONS	7,180	7,900	720
OFFICE SUPPLIES & EXPENSES	1,150	1,170	20
COMPUTER SUPPLIES & SERVICE	5,880	5,860	(20)
BANK SERVICE FEES	1,200	1,200	
ADMIN FEES-GOFORTH WATER	12,668	14,000	1,332
INSURANCE EXPENSE	40,000	40,000	
MISCELLANEOUS EXPENSES	4,780	4,780	
Total OPERATING SUPPLIES & SERVICES	**562,842**	**689,244**	**126,402**
MAINTENANCE & REPAIR			
LABOR	105,005	132,915	27,910
MATERIAL	111,190	128,610	17,420
SERVICES	200,120	249,365	49,245
Total MAINTENANCE & REPAIR	**416,315**	**510,890**	**94,575**
TOTAL OPERATING & MAINTENANCE	**1,605,784**	**1,883,572**	**277,788**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	171,462	191,352	19,890
Total ADMINISTRATIVE & GENERAL	**171,462**	**191,352**	**19,890**
TOTAL OPERATING EXPENSES	**1,777,246**	**2,074,924**	**297,678**
NET OPERATING INCOME	**944,254**	**524,230**	**(420,024)**

GUADALUPE-BLANCO RIVER AUTHORITY
RURAL UTILITIES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	2,721,500	2,599,154	(122,346)
OPERATING EXPENSES	(1,777,246)	(2,074,924)	(297,678)
NET OPERATING INCOME	**944,254**	**524,230**	**(420,024)**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON NOW ACCTS	60	120	60
INTEREST ON CITY OF SEGUIN N/R	16,778	14,638	(2,140)
INT-WIMBERLEY CAP RECOVERY	2,280	2,340	60
INT ON DUNLAP I&S FUND	480	60	(420)
Total INTEREST INCOME	**19,598**	**17,158**	**(2,440)**
INTEREST & BANK FEES:			
INT ON LONG TERM LOANS	(80,376)	(82,560)	(2,184)
Total INTEREST & BANK FEES	**(80,376)**	**(82,560)**	**(2,184)**
TOTAL NON-OPERATING REVENUES (EXPENSES)	**(60,778)**	**(65,402)**	**(4,624)**
CHANGE IN NET ASSETS	**883,476**	**458,828**	**(424,648)**
CHANGE IN RESTRICTED FUNDS:			
SOURCE-CHANGE IN RESTR. FUNDS	400,000	52,862	(347,138)
Total CHANGE IN RESTRICTED FUNDS	**400,000**	**52,862**	**(347,138)**
DEBT CAPITAL			
BANK LOAN RECEIVABLE	605,000	333,000	(272,000)
Total DEBT CAPITAL	**605,000**	**333,000**	**(272,000)**
TOTAL FUNDS AVAILABLE	**1,888,476**	**844,690**	**(1,043,786)**
PURCHASES OF FIXED ASSETS			
STRUCTURES & IMPROVEMENTS	50,000		(50,000)
AUTO & HEAVY EQUIPMENT	65,000	40,000	(25,000)
MISCELLANEOUS EQUIPMENT	51,500	58,300	6,800
Total PURCHASES OF FIXED ASSETS	**166,500**	**98,300**	**(68,200)**
WORK IN PROGRESS			

GUADALUPE-BLANCO RIVER AUTHORITY
RURAL UTILITIES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP-OPERATING	1,432,900	464,612	(968,288)
Total WORK IN PROGRESS	**1,432,900**	**464,612**	**(968,288)**
CHANGE IN RESTRICTED FUNDS	**2,760**	**2,400**	**(360)**
PROJECT DEVELOPMENT	**20,775**	**14,299**	**(6,476)**
DEBT SERVICE			
	7,152	7,380	228
BANK LOAN PAID	111,384	111,600	216
BANK LOAN PAID-EQUIPMENT	13,536	13,968	432
EMERGENCY GENERATOR		10,500	10,500
Total DEBT SERVICE	**132,072**	**143,448**	**11,376**
TOTAL FUNDS APPLIED	**1,755,007**	**723,059**	**(1,031,949)**
NET CHANGE IN FUND BALANCE	**133,469**	**121,632**	**(11,837)**

GUADALUPE-BLANCO RIVER AUTHORITY
RURAL UTILITIES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	19,255	49,894	30,639
STA- CLERICAL	31,812	30,858	(953)
Total STAFF TECHNICAL ASSISTANCE	**51,066**	**80,752**	**29,686**
SUPERVISION:			
SUPERVISION	64,150	65,997	1,847
Total SUPERVISION	**64,150**	**65,997**	**1,847**
OPERATING LABOR:			
CLERICAL	3,241	3,283	42
REG- OPERATING LABOR	258,348	259,428	1,079
REG- MISC LABOR	805	714	(92)
REG- PURCHASING AGENT	1,059	1,091	32
REG- SAFETY & TRAINING	1,476	647	(828)
OVT- OPERATING LABOR	28,866	29,039	173
REG- WORKING HOLIDAY LABOR	5,566	5,987	421
Total OPERATING LABOR	**299,360**	**300,188**	**828**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	98,678	124,102	25,424
Total M&R-LABOR	**98,678**	**124,102**	**25,424**
M&R-OVERTIME:			
OVT/LBR- OTHER	6,328	8,814	2,486
Total M&R-OVERTIME	**6,328**	**8,814**	**2,486**
Total MAINTENANCE & REPAIR	**105,005**	**132,915**	**27,910**
WORK IN PROGRESS			
WIP-STAFF:			
RIVER BEND PUMP STATION-STAFF		30,900	30,900
Total WIP-STAFF		**30,900**	**30,900**
Total WORK IN PROGRESS		**30,900**	**30,900**
PROJECT DEVELOPMENT			

GUADALUPE-BLANCO RIVER AUTHORITY
RURAL UTILITIES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
PD-SUPERVISION & LABOR:			
DUNLAP AREA MASTER PLAN-SUPERV	5,438	8,242	2,804
Total PD-SUPERVISION & LABOR	**5,438**	**8,242**	**2,804**
Total PROJECT DEVELOPMENT	**5,438**	**8,242**	**2,804**
TOTAL SALARIES & WAGES	**525,019**	**618,994**	**93,975**

GUADALUPE-BLANCO RIVER AUTHORITY
RURAL UTILITIES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	98,678	124,102	25,424
OVT/LBR- OTHER	6,328	8,814	2,486
Total LABOR	**105,005**	**132,915**	**27,910**
MATERIAL:			
M&R/MAT- GROUNDS	860	1,160	300
M&R/MAT- BUILDINGS	3,660	3,920	260
M&R/MAT- COMMINUTORS	450	450	
M&R/MAT- CLARIFIERS	2,060	2,400	340
M&R/MAT- PAINT EQUIPMENT	150	150	
M&R/MAT- PUMPS & MOTORS	16,800	28,500	11,700
M&R/MAT- CHEM FEED/SAMPLE	11,540	13,540	2,000
M&R/MAT- GREASE EQUIPMENT	700	800	100
M&R/MAT- CONTROL SYSTEM	3,250	4,350	1,100
M&R/MAT- LINES & VALVES	2,900	4,280	1,380
M&R/MAT- FLOW METERS	1,420	1,420	
M&R/MAT- LIFT STATIONS	18,100	19,100	1,000
M&R/MAT- SEWER SYSTEMS	2,920	6,920	4,000
M&R/MAT-TRUCKS,TRAILER&EQ	1,740	1,740	
M&R/MAT- RADIO EQUIPMENT	350	350	
M&R/MAT- GENERAL MAINT.	1,470	1,380	(90)
M&R/MAT- BIOSOLIDS REMOVAL	3,450	3,450	
M&R/MAT- SAFETY	1,120	1,500	380
M&R/MAT- STORAGE BUILDING	200	200	
M&R/MAT- ROADS	970	870	(100)
M&R/MAT- BIOSOLIDS SITE	2,100	2,100	
M&R/MAT- SCADA	7,000	7,000	
M&R/MAT- AUX GENERATOR	1,620	1,980	360
M&R/MAT- BLOWERS	22,240	12,300	(9,940)
M&R/MAT- INSTRUM/ELECTRICAL	2,700	7,200	4,500
M&R/MAT- NON-POT WATER SYSTEM	490	620	130
M&R/MAT- GEN. OFFICE BLDG	50	50	
M&R/MAT- OTHER	880	880	
Total MATERIAL	**111,190**	**128,610**	**17,420**
SERVICES:			
M&R/SER- GROUNDS	13,300	8,220	(5,080)
M&R/SER- BUILDINGS	8,120	1,400	(6,720)
M&R/SER- COMMINUTORS	680	700	20
M&R/SER- CLARIFIERS	640	640	
M&R/SER- PAINT EQUIPMENT		63,285	63,285
M&R/SER- PUMPS & MOTORS	8,600	12,200	3,600
M&R/SER- CHEM FEED/SAMPLE	8,300	5,900	(2,400)

GUADALUPE-BLANCO RIVER AUTHORITY
RURAL UTILITIES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/SER- CONTROL SYSTEM	3,200	3,200	
M&R/SER- LINES & VALVES	6,420	6,480	60
M&R/SER- FLOW METERS	2,240	2,240	
M&R/SER- LIFT STATIONS	18,950	19,750	800
M&R/SER- SEWER SYSTEMS	29,000	35,000	6,000
M&R/SER-TRUCKS,TRAILER&EQ	4,560	4,760	200
M&R/SER- RADIO EQUIPMENT	370	370	
M&R/SER- GENERAL MAINT.	1,350	1,350	
M&R/SER- BIOSOLIDS REMOVAL	60,100	51,000	(9,100)
M&R/SER- SAFETY	220	600	380
M&R/SER- ROADS	2,600	600	(2,000)
M&R/SER- BIOSOLIDS SITE	3,200	3,200	
M&R/SER- SCADA	5,300	5,300	
M&R/SER- AUX GENERATOR	10,040	10,220	180
M&R/SER- BLOWERS	4,040	3,950	(90)
M&R/SER- INSTRUM/ELECTRICAL	7,040	7,150	110
M&R/SER- NON-POT WATER SYSTEM	370	370	
M&R/SER- GEN. OFFICE BLDG	190	190	
M&R/SER- OTHER	1,290	1,290	
Total SERVICES	**200,120**	**249,365**	**49,245**
TOTAL MAINTENANCE & REPAIR	**416,315**	**510,890**	**94,575**

GUADALUPE-BLANCO RIVER AUTHORITY
RURAL UTILITIES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
PROJECT DEVELOPMENT			
DUNLAP AREA MASTER PLAN-BENEFT	2,202	3,338	1,136
DUNLAP AREA MASTER PLAN-A&G	1,794	2,720	925
DUNLAP AREA MASTER PLAN-SUPERV	5,438	8,242	2,804
Total	**9,434**	**14,299**	**4,865**
CANYON WW MASTER PLAN-ENG	11,341		(11,341)
Total	**11,341**		**(11,341)**
TOTAL PROJECT DEVELOPMENT	**20,775**	**14,299**	**(6,476)**

GUADALUPE-BLANCO RIVER AUTHORITY
RURAL UTILITIES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - OPERATING			
SHOP/OFFICE/LAB BLDG-SERVICES		100,000	100,000
SHOP/OFFICE/LAB BLDG-PROF FEES		4,000	4,000
SHOP/OFFICE/LAB BLDG-MAT'L		5,000	5,000
SHOP/OFFICE/LAB BLDG-MISC		1,000	1,000
Total		**110,000**	**110,000**
BROOKSHIRE WW-EUC's	1,000		(1,000)
BROOKSHIRE WW-SERVICE	690,000		(690,000)
BROOKSHIRE WW-PROF FEES	25,000		(25,000)
BROOKSHIRE WW-MISC	34,000		(34,000)
Total	**750,000**		**(750,000)**
CANYON PRK PLNT EXPAN-STAFF		30,900	30,900
CANYON PRK PLNT EXPAN-BENEFITS		12,515	12,515
CANYON PRK PLNT EXPAN-A&G		10,197	10,197
CANYON PRK PLNT EXPAN-PROF FEE	300,000	300,000	
CANYON PRK PLNT EXPAN-MISC	1,000	1,000	
Total	**301,000**	**354,612**	**53,612**
EMERGENCY GEN INSTALL-SERVICE	124,000		(124,000)
EMERGENCY GEN INSTALL-MAT'L	5,000		(5,000)
EMERGENCY GEN INSTALL-MISC	3,000		(3,000)
Total	**132,000**		**(132,000)**
TREATMENT PLANT IMPROV- SERV	206,850		(206,850)
TREATMENT PLANT IMPROV- PROF	26,250		(26,250)
TREATMENT PLANT IMPROV- MAT'L	15,750		(15,750)
TREATMENT PLANT IMPROV- MISC	1,050		(1,050)
Total	**249,900**		**(249,900)**
TOTAL WIP - OPERATING	**1,432,900**	**464,612**	**(968,288)**

GUADALUPE-BLANCO RIVER AUTHORITY
RURAL UTILITIES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2017 BUDGET
AUTO & HEAVY EQUIPMENT	
MANURE SPREADER-RUD Systems	40,000
Total AUTO & HEAVY EQUIPMENT	**40,000**
MISCELLANEOUS EQUIPMENT	
SONDE LINE LOCATOR-Canyon Park WWTP and Dunlap WWTP	3,500
LAB EQUIPMENT-RUD Systems	10,000
2 ROLL-OFF CONTAINERS-RUD Systems	10,000
LAWN MOWER-RUD Systems	4,000
4 PADS FOR ROLL-OFF CONTAINERS-RUD Systems	30,800
Total MISCELLANEOUS EQUIPMENT	**58,300**
TOTAL CAPITAL ADDITIONS	**98,300**

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: 24
- Budgeted Revenue: $24,544,313

Water Samples for testing

Regional Laboratory

The Regional 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, including a Perkin-Elmer 5100ZL Graphite Furnace/Flame Atomic Absorption Unit to test water for the presence of lead and 14 other heavy metals.

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 Regional 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: $930,000

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

Calhoun Canal

This system diverts water from the Guadalupe River into the GBRA main canal for distribution to industrial, municipal, and agricultural customers in Calhoun County through a series of irrigation canals, checks, 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 the Dow Chemical Company's Seadrift plant. 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 provides safe access for navigation 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
- Rice acres irrigated: 1,000
- # of Current Employees: 4
- Budgeted Revenue: $1,368,310

Plant Manager Jerry Sharp at the Clarifier

San Marcos WTP

This division operates and manages the City of San Marcos' water treatment plant, recently upgraded to 21 mgd. 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 Go Forth WSC, Monarch Utilities, and Sunfield MUD.

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.

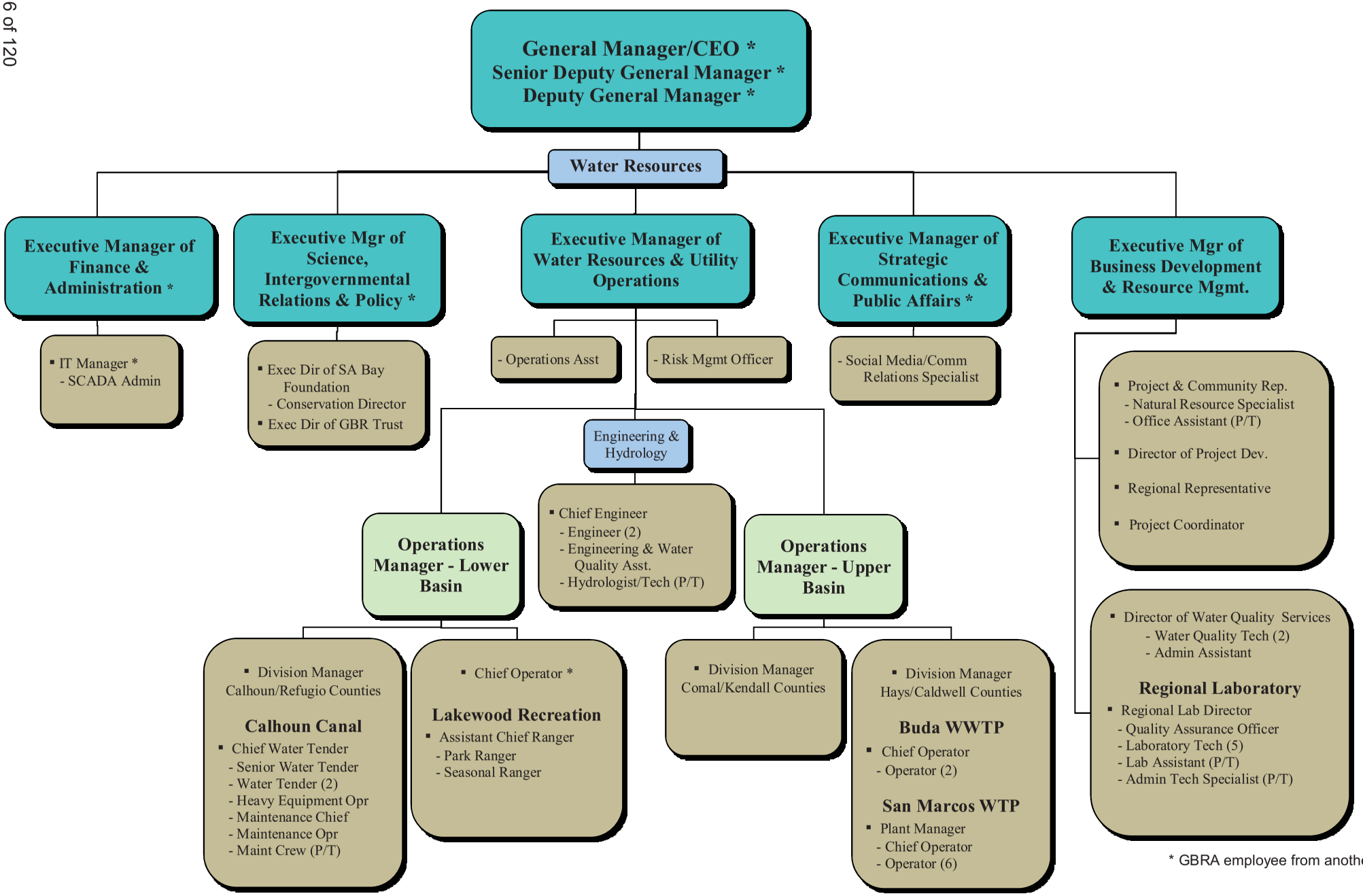
- Service Provided: Water treatment
- Location: San Marcos, TX
- Startup Operation Date: January 2000
- Service Area: Hays County, TX
- Plant Capacity: 21 mgd
- # of Gallons Treated: 3,676,760,000
- # of Current Employees: 8
- Budgeted Revenue: $2,302,660

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: $676,429

Guadalupe-Blanco River Authority
Water Resources Division Organizational Chart



* GBRA employee from another Division

Staffing Summary

Water Resources	# of Authorized Positions (FTE)		
	2015	2016	2017
Water Supply			
Executive Mgr. of Water Resources & Utility Oper.	1	1	1
Executive Mgr. of Business Dev. & Resource Mgmt.	1	1	1
Chief Engineer	1	1	1
Operations Manager - Lower Basin	1	1	1
Operations Manager - Upper Basin	1	1	1
Director of Project Development	1	1	1
Director of Water Quality Services	1	1	1
Division Manager - Calhoun/Refugio Counties	---	---	1
Division Manager - Comal/Kendall Counties	1	1	1
Division Manager - Hays/Caldwell Counties	1	1	1
Executive Director of Guadalupe Blanco River Trust	1	1	1
Executive Director of SA Bay Foundation	1	1	1
Risk Management Officer	---	---	1
Engineer	2	2	2
Project & Community Representative	1	1	1
Conservation Director	---	---	1
Regional Representative	1	1	1
SCADA Administrator	1	1	1
Assistant Chief Ranger	1	1	1
Hydrologist/Technician	0.5	0.5	0.5
Operations Assistant	1	1	1
Project Coordinator	1	1	1
Social Media/Community Relations Specialist	---	1	1
Water Quality Technician	2	2	2
Engineering & Water Quality Assistant	1	1	1
Natural Resource Specialist	1	1	1
Administrative Assistant	1	1	1
Park Ranger	1	1	1
Office Assistant	0.5	0.5	0.5
Seasonal Ranger	0.5	0.5	0.5
Water Quality Specialist	0.5	0.5	---
Total Water Supply	27	28	30.5
Regional Laboratory			
Regional Lab Director	1	1	1
Quality Assurance Officer	1	1	1
Laboratory Analyst	1	---	---
Laboratory Technician	4	5	5
P/T Administrative Technical Specialist	0.5	0.5	0.5
P/T Lab Assistant	---	0.5	0.5
Total Regional Laboratory	7.5	8	8
SUBTOTAL	**34.5**	**36**	**38.5**

Staffing Summary

Water Resources - Cont.	# of Authorized Positions (FTE)		
	2015	2016	2017
SUBTOTAL	**34.5**	**36**	**38.5**
Calhoun Canal			
Port Lavaca Operations Manager	1	1	---
Chief Water Tender	1	1	1
Heavy Equipment Operator	1	1	1
Senior Water Tender	1	1	1
Maintenance Chief	1	1	1
Water Tender	2	2	2
Maintenance Operator	1	1	1
Maintenance Crew	0.5	0.5	0.5
Total Calhoun Canal	8.5	8.5	7.5
San Marcos WTP			
Plant Manager	1	1	1
Chief Operator	1	1	1
Operator	6	6	6
Total San Marcos	8	8	8
Buda WWTP			
Chief Operator	1	1	1
Operator	2	2	2
Total Buda WWTP	3	3	3
TOTAL	**54**	**55.5**	**57**

Changes from FY 2015 to FY 2016

1-Social Media/Community Relations Specialist was added to Water Sales.
1-P/T Lab Assistant position was added to the Regional Lab.

Unfunded Positions in FY16: Water Sales-Director of Project Development, Engineer I, P/T Hydrologist/Technician, Engineering & WQ Asst; Canal-Water Tender and P/T Maintenance Crew; and Buda-Chief Operator.

Changes from FY 2016 to FY 2017

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.
* P/T Administrative Services Assistant changed to P/T Office Assistant
* Port Lavaca Operations Manager was moved from Canal to Water Sales with a title change to Division Manager-Calhoun/Refugio Counties.

Unfunded Positions in FY17: Water Sales-Director of Project Development, Engineer I, Conservation Director, Engineering & WQ Asst; Canal-Water Tender and P/T Maintenance Crew; and Buda-Chief Operator.

Budget Summary

Division: **Water Resources**

Description

The Water Resources Division provides cities, industries, and agricultural producers with a reliable water supply, including stored water from Canyon Reservoir. Since 1964, the Reservoir has provided the river basin below Canyon Dam with flood control and a dependable water supply during times of reduced rainfall or low river flow. Many users rely on this water as their sole source of supply while, for others, it provides the reassurance of a firm source of water even during drought conditions.

This division is also responsible for GBRA's water quality program as well as the operation of a regional water quality laboratory located at the general office in Seguin. The regional water quality laboratory not only provides services to GBRA operations, but also performs water and wastewater analyses for both private and public entities as well as individuals.

Another component of the Water Resource Division is the Calhoun Canal System. The Canal System delivers raw water to agricultural, municipal, and industrial customers in Calhoun County.

GBRA, through its San Marcos Water Treatment Plant System, serves as the contract operator of a surface water plant and well system owned by the City of San Marcos. Early in January 2000, San Marcos WTP employees brought the Plant on-line and started operations of the well system in December 2005.

In October 2001, GBRA assumed operations of the wastewater treatment plant from the City of Buda. This plant is staffed by two operators and supervised by the Chief Operator of Shadow Creek Operations. The facility is managed by the Division Manager – Hays/Caldwell Counties and the Operations Manager – Upper Basin provides technical oversight.

Objectives

The following objectives are the division's operating plan in working toward the goals and objectives as outlined in the mission statement.

WATER RESOURCE MANAGEMENT GOAL

Lake Wood Recreation Area
To … insure proper training and state of readiness for park staff to implement emergency procedures during high water and flood conditions on the Guadalupe River.

Regional Laboratory & Water Quality
To … maintain representative, accurate, precise and comparable laboratory test results, thereby providing the data upon which sound water quality decisions may be made.

Calhoun Canal
To... work with the main office in Seguin and the plant and rural water divisions on awareness of the various stages for drought management and water conservation.

San Marcos Water Treatment Plant
To … use water efficiently by coordinating raw and treated water deliveries with no unscheduled downtime.
To … complete work plan tasks within 95% of budget projections.

Buda Wastewater Reclamation Facility
To…work with the City of Buda on projects related to water reuse, pretreatment, and water quality.

WATER QUALITY GOAL

Lake Wood Recreation Area
To … continually monitor all island lots adjacent to Lake Wood, major shoreline disturbances, etc. that may create a potential water quality problem. Program to include:

- Annual inspection of all island lot properties to identify non-permitted property modifications on lease property.

Regional Laboratory & Water Quality
To … continue water quality sampling of river basin sites funded by GBRA and those contracted for under the Texas Clean Rivers Program and other grant-funded projects, and to make this data available to the public and regulatory agencies.

Calhoun Canal
To … monitor closely the treatment plant reservoir's need for water in order to time deliveries so that quality of the raw source is optimized.

San Marcos Water Treatment Plant
To … meet or exceed Texas Commission on Environmental Quality and Environmental Protection Agency water quality requirements and continue to receive TOP OPS certification.

To … meet or exceed all water quality goals as outlined in the System's work plan.

Buda Wastewater Reclamation Facility
To… meet or exceed all Texas Commission on Environmental Quality and United States Environmental Protection Agency waste water discharge standards.

PUBLIC SERVICES GOAL

Lake Wood Recreation Area
To … continue evaluation of current services provided by GBRA to customers to determine future recreational needs and facility development. GBRA will pursue outside sources of funding (grants, etc.) to assist with facility development.

Regional Laboratory & Water Quality
To … provide physical, chemical and biological laboratory analyses of water from natural streams, potable and wastewater treatment plants, groundwater wells and biosolids for the Guadalupe-Blanco River Authority's operations, municipalities, industries, consulting engineers, and the general public, and to assist customers by interpreting this information when needed.

Calhoun Canal
To … continue to work with the Calhoun County Marine Advisory Board in promoting stewardship of water resources and to continue sponsorship of rice farming research at the Eagle Lake field day.

San Marcos Water Treatment Plant
To … supply high quality potable water in quantities requested by the City and IH35 customers as outlined in the operations contracts.
To … provide information to the general public concerning water quality and plant operations and provide data needed to assist the City and IH35 customers in completion of the annual Consumer Confidence Report.
To … remain aware of local issues as related to water quality.

Buda Wastewater Reclamation Facility
To… provide information to the City of Buda and the general public concerning plant operations and quality of effluent from the plant.

ECONOMIC DEVELOPMENT GOAL

Lake Wood Recreation Area
To … continue participation in Regional Tourism Groups, the Gonzales Paddle Trail, and the Gonzales Chamber of Commerce & Agriculture in the support of economic and tourism

development. GBRA's focus will be the promotion of economic and tourism development on a "region-wide" basis instead of individual community programs.

Regional Laboratory & Water Quality

To … maintain a database and website of the Guadalupe River Basin's water quality information and special studies for use by economic development groups, chambers of commerce, city councils, and prospective enterprises and industries.

Calhoun Canal

To ... monitor closely the impact of the new USDA farm bill on irrigated rice acreage in Calhoun County and the Texas gulf coast.

San Marcos Water Treatment Plant

To … assist in studies for delivering high quality potable water to entities located in the Plant service area.

To … maintain the plant as a "show place" and produce superior water.

Buda Wastewater Reclamation Facility

To… assist in the development of water reuse projects within the service area of the City of Buda.

TECHNICAL ASSISTANCE AND SUPPORT GOAL

Lake Wood Recreation Area

To … develop and host cooperative training programs to benefit GBRA, our customers, the general public and other entities. Training program will include:

- TPWD Kid Fish Program
- Aquatic Plant Management and Control Programs
- Assist local university researchers with ongoing projects related to river studies

Regional Laboratory & Water Quality

To … provide Regional Laboratory employees with training opportunities to attain and maintain laboratory analyst certificates of competency.

To … maintain Texas Commission on Environmental Quality (TCEQ) certification for the analysis of potable water for total coliform, total organic carbon, chlorite and other constituents in order to provide this capability to municipalities, industries, consulting engineers, the general public as well as to GBRA's operations.

To … continue laboratory management and quality control processes required to maintain the Texas Environmental Laboratory Accreditation required by the TCEQ.

To … allow Regional Laboratory and Water Quality Division employees an opportunity to provide technical assistance on committees or projects dealing with water quality issues, such as TCEQ work groups and advisory committees and state and national laboratory accreditation advisory committees.

Calhoun Canal
To ... continue to work with farmers exploring the use of sprinkler irrigation equipment for improved crop yields and conservation of the water resource and to provide any requested information on methodologies for flow measurement.

San Marcos Water Treatment Plant
To … provide training to system employees to improve their knowledge and skills in water treatment.
To … provide assistance in regional potable water quality and supply studies.

Buda Wastewater Reclamation Facility
To… provide training to Facility operators to improve their knowledge and skills in waste water treatment.
To… provide information and assistance in pretreatment and water reuse issues.

COMMUNICATION AND EDUCATION

Lake Wood Recreation Area
To …assist with display exhibits on GBRA operations at the annual TPWD EXPO, and Houston Boat, Sport, & Travel Show.
To … serve as a local source for information and provide warnings during river flood events.

Regional Laboratory & Water Quality
To … continue to offer tours of the Regional Laboratory to area schools, science camps and teacher workshops as well as offer personnel time for classroom presentations on water quality, ecology or careers in science.
To … continue to serve as a resource to students in the public and private school systems as well as the colleges and universities in the area.
To … make accessible through the GBRA web site, information on water quality that includes the final reports of projects completed under the auspices of the Texas Clean Rivers Program and other monitoring projects in the Guadalupe River Basin.

Calhoun Canal
To … continue to meet with and support Drainage District #8 or other district representatives on an annual basis to insure a mutual understanding of related irrigation and drainage operations.

San Marcos Water Treatment Plant
To … sponsor school tours and serve as a TEEX training location as requested.
To … assist the City and the I-35 customers in preparation of the annual Consumer Confidence Report.
To … operate in a team environment that allows for efficient internal and external communications.

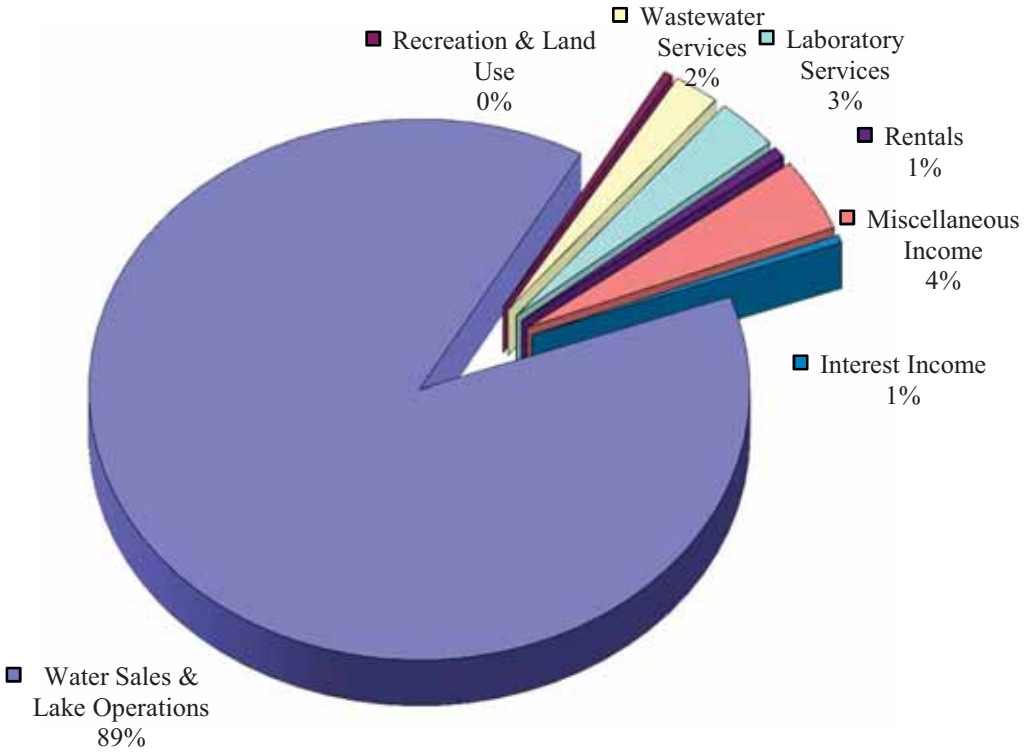
Buda Wastewater Reclamation Facility

To … operate in a team environment that allows for efficient internal and external communication.

To… provide technical assistance and information to the City of Buda and other entities in the area concerning wastewater pretreatment, treatment, and reuse.

Budget Summary

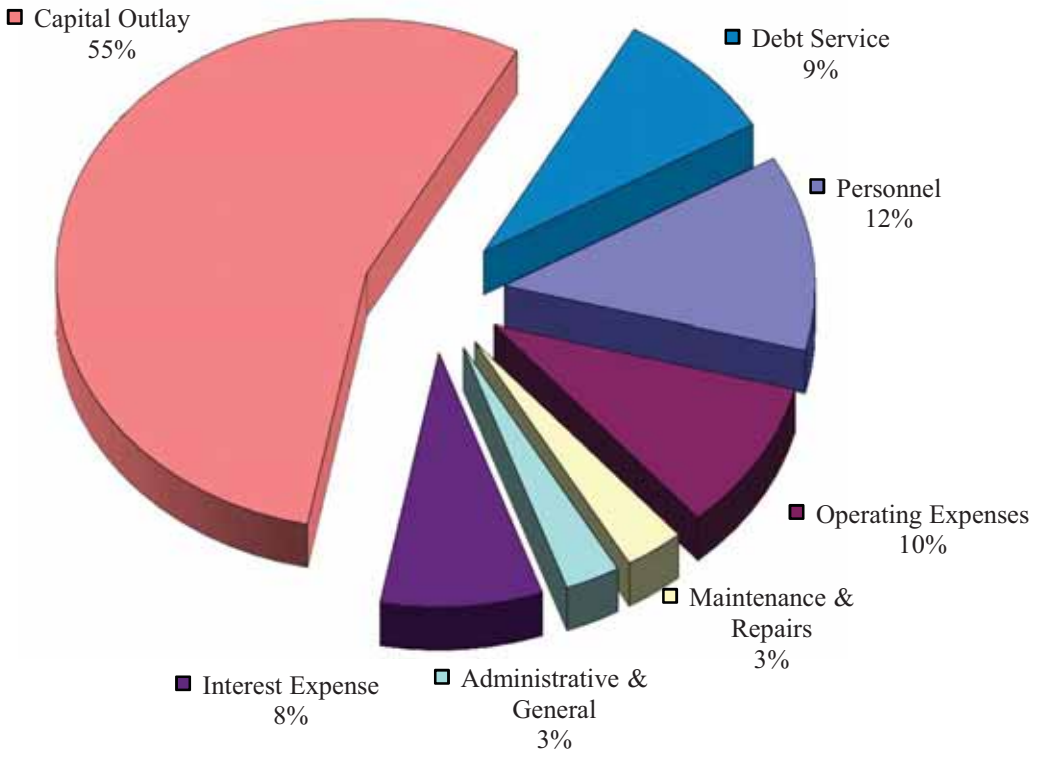
REVENUES - Water Resources



Revenues	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	24,797,231	25,347,308	26,575,890
Recreation & Land Use	135,384	145,309	135,000
Wastewater Services	569,317	608,378	676,429
Laboratory Services	914,476	890,000	930,000
Rentals	262,397	216,864	196,800
Administrative & General			
Miscellaneous Income	827,616	1,196,385	1,307,593
Total Operating Revenue	**27,506,422**	**28,404,243**	**29,821,712**
Interest Income	55,451	60,060	144,168
Grand Total Revenues	**27,561,873**	**28,464,303**	**29,965,880**

Budget Summary

EXPENSES - Water Resources



Expenses	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Personnel	5,555,509	6,050,340	6,675,061
Operating Expenses	7,941,771	7,252,897	5,166,368
Maintenance & Repairs	899,969	1,363,050	1,668,228
Administrative & General	1,272,302	1,362,252	1,542,554
Total Operating Expenses	**15,669,551**	**16,028,539**	**15,052,211**
Interest Expense	4,228,664	4,660,604	4,552,666
Capital Outlay	137,848	578,643	29,653,614
Debt Service	5,047,025	4,599,217	4,644,896
Grand Total Expenses	**25,083,089**	**25,867,003**	**53,903,386**

Water Resources Division
Water Sales System
Operating Plan for Fiscal Year Ending 8/31/17

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 since the 1970's, has been the reservoir storage behind Canyon Dam. A firm water rate structure for water from reservoir storage was first adopted by the Board of Directors in 1974. The adoption of a utility concept inherent in the firm water rate serves to provide an equitable charge to all water customers.

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 the Engineering Department. The Executive Manager of Water Resources and Utility Operations has the responsibility for water supply contracts and water distribution while day to day reservoir control and coordination with the Corps of Engineers is the responsibility of the Chief Engineer. Operation and maintenance of the facilities in the lower river basin are the responsibility of the Operations Manager - Lower Basin. 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. During Fiscal Years 2000 and 2001, GBRA initiated two new raw water supply operations, the Regional Raw Water Delivery System (RRWDS) and Guadalupe Power Partners Raw Water Delivery Systems (GPPRWDS). These two systems were constructed to deliver water to municipalities, utility districts, regional water authorities, and electric generating plants.

In 2003, GBRA initiated an Economic Development/Customer Service Department to assist cities and counties within GBRA's statutory district with community and economic development. The department assists communities with writing and securing grant funds and providing technical assistance and financial contributions to projects that enhance the quality of life, increase and enhance tourism, provide recruitment of new industry and retention of existing businesses, encourage economic diversification, and improves the quality or quantity of services essential to a viable community. Assistance is provided to 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 because through these efforts, GBRA is in a better position to understand and efficiently meet the water resource needs of the district. Emphasis will continue to be placed on enhancing customer communications during FY 2017 through regular correspondence, customer meetings and personal contacts, thus enabling GBRA to respond more efficiently and effectively to customers and build positive long-term relationships.

REVENUE SOURCES AND TRENDS

Water sales revenues are based on a firm water rate of $142.00 per acre-foot per year for FY 2017. This is a $7.00 or 5.2% increase over the FY 2016 rate. Total water sales revenues excluding "water delivery and pipeline operations" for FY 2017 are projected at $13.47 million.

A second source of revenue within the division is derived from the operation of two raw water pipelines and one treated water pipeline that provide water for two power plants, the Canyon Regional Water Authority, the City of San Marcos Water Treatment Plant, GoForth SUD, Sunfield MUD, Monarch

Utilities L.P., and the cities of Kyle and Buda. Revenue to operate these water delivery systems during FY 2017 is estimated at $5,401,468. This amount includes debt service on the Regional Raw Water Pipeline and the IH35 Treated Water Pipeline bonded indebtedness.

A third source of revenue for FY 2017 will be reimbursement of debt service payments from customers of GBRA's Western Canyon Project. This revenue is estimated to total $5,320,519 during FY 2017.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

There are several major operating expenses included in the work plan within the Water Resources Division. Coordination with and payment to the U.S. Army Corps of Engineers, the U.S. Geological Survey, and the TCEQ South Texas Watermaster make up a major part of the Work Plan and Budget. Jointly these items approximate $505,000.

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. In FY 2017, operating costs expended for professional fees is budgeted at $423,035.

GBRA's department of Public Communication and Education works to foster a productive, mutually beneficial relationship between GBRA and the residents, businesses and schools in the Guadalupe River Basin. These efforts are structured to increase awareness and appreciation by the general public, schools, teachers and students of water and water-related issues. The department is staffed by the Chief Strategic Communications and Public Affairs Officer, a Public Communications Assistant, Project and Publications Specialist, Board Relations and Publications Specialist, and an Environmental Education Administrator. Jointly these individuals develop and implement communication and education strategies to ensure that GBRA's mission, projects, services and initiatives are explained clearly and consistently. The staff produces the Comprehensive Annual Financial Report, River Run Magazine and related literature and audio-visual materials; coordinates information for the GBRA website; creates advertising, news releases and media relations programs; develops community and school education materials. Additionally this group provides special water-related curricula for elementary, middle and high school use; conducts teacher in-service training; develops presentations, tours and workshops for schools, teachers and community groups; is working to develop the basin's first comprehensive environmental learning center; and supplies public information and media contact assistance during extreme events such as floods and droughts. The aggregate cost of these initiatives for FY 2017 is $96,500.

Maintenance and repair expenses primarily relate to the payment to the Corps of Engineers for the maintenance of Canyon Dam. Payments to the Corps for maintenance of Canyon Dam have generally increased over the last several years due to repairs to the dam and the stilling basin below the dam. However during FY 2017, these costs are budgeted at $310,000, which is slightly less than last fiscal year. Other significant maintenance projects include work on GBRA's Lower Guadalupe Diversion Dam and Salt Water Barrier, the river diversion system in the delta, and the periodic removal of log jams. Together these projects approximate $161,800 in FY 2017.

The Work Plan also includes three small construction projects in FY 2017 related to work on the Calhoun County Siphon Gates and Lake H5 Recreation facilities. In the aggregate, these construction projects total $78,801. Additionally, capital additions for FY 2017 total $29,243,000 with the majority of this amount relating to the purchase of groundwater and surface water rights. The groundwater portion of this amount will be funded with a $28,000,000 revenue bond issue and therefore has no rate consequences for the year.

New and ongoing development activities are also budgeted. These projects include GBRA's participation in the Senate Bill 1 water planning process sponsored by the Texas Water Development Board (TWDB); several interrelated studies related to the development of ground and surface water supplies; the Canyon Gorge Project; environmental flow studies, ongoing work and studies related to the Edwards Aquifer Recovery Implementation Plan, the Lower Basin Water Supply Project, the Water Energy nexus Desalination Project and Mid-Basin Water Supply project studies. In total, these water supply and water quality development programs are budgeted to cost approximately $9.1 million in FY 2017.

FUND BALANCE

Funds for the above listed capital additions and maintenance projects, as well as all of the other operating expenditures that are summarized in the following pages, will be provided by revenues from customer billings, $5,196,054 in grant proceeds, and $28,000,000 to cover the cost of the groundwater rights purchase.

The net increase in fund balance that GBRA anticipates in the Water Sales System of the Water Resource Division after paying all FY 2017 budgeted expenditures is $21,637.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WATER SALES & LAKE OPERATIONS:			
W/S AEP TX CENTRAL CO	807,500	848,500	41,000
W/S INEOS NITRILES GREEN LAKE	148,042	155,558	7,517
W/S PORT LAVACA WTP	80,750	63,355	(17,395)
W/S C.C. RURAL WATER SUPPLY	9,825	10,323	499
W/S CITY OF SEGUIN	134,583	141,417	6,833
W/S GONZALES COUNTY WSC	47,104	49,496	2,392
W/S SPRINGS HILL WSC	383,563	403,038	19,475
W/S REBECCA CREEK MUD	17,496	18,384	888
W/S CRWA-HAYS CO,SAN MARC	274,281	288,207	13,926
W/S SEADRIFT COKE	44,951	47,233	2,282
W/S UNION CARBIDE	13,458	14,142	683
W/S STANDARD GYPSUM	34,723	36,486	1,763
W/S STRUCTURAL METALS	94,208	98,992	4,783
W/S NEW BRAUNFELS UTIL.	1,308,150	1,374,570	66,420
W/S CRYSTAL CLEAR WSC	107,667	113,133	5,467
W/S GOLF CLUB OF SEGUIN	3,365		(3,365)
W/S CANYON REGIONAL W.A.	1,608,578	1,680,841	72,262
W/S CANYON LAKE W.S.C.	861,333	905,067	43,733
W/S CITY OF SAN MARCOS	1,345,833	1,414,167	68,333
W/S GUADALUPE POWER,L.P.	920,550	967,290	46,740
W/S CITY OF KYLE	732,537	769,731	37,194
W/S GREEN VALLEY SUD	134,583	141,417	6,833
W/S HAYS ENERGY LTD PTSP	331,613	348,451	16,837
W/S CITY OF FAIR OAKS	248,979	261,621	12,642
W/S SAN ANTONIO WTR. SYS.	950,084	991,084	41,000
W/S CITY OF BOERNE	485,980	510,656	24,675
W/S GBRA - COMAL TRACE	6,729	7,071	342
W/S SAN JOSE-PARK VILLAGE	43,336	45,536	2,200
W/S JACQUELYN COUSER	13,458	14,142	683
W/S BREMER RANCH, LTD	13,458	14,142	683
W/S CITY OF BLANCO	80,750	84,850	4,100
W/S FORESIGHT	39,029	41,011	1,982
W/S CORDILLERA RANCH, LTD.	201,875	212,125	10,250
W/S KENDALL CUC/TAPATIO SPRGS	100,938	106,063	5,125
W/S CITY OF BUDA	226,100	237,580	11,480
W/S D.H.INV-JOHNSON RANCH	121,125	127,275	6,150
W/S GOFORTH WSC	192,993	202,792	9,799
W/S H H RANCH PROPERTIES	33,646	35,354	1,708
W/S SUNFIELD	370,373	389,179	18,805
W/S MONARCH UTILITIES, LP	75,367	79,193	3,827
W/S LERIN DEVELOPMENT CO. INC	100,938	106,063	5,125
O&M RRWDS PIPELINE TRANSM.	916,499	1,280,090	363,591

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
O&M GPP PIPELINE TRANSM.	478,234	531,009	52,775
O&M IH35 P/L TRNSM-KYLE	203,940	160,946	(42,994)
O&M IH35 P/L TRNSM-GOFORTH	67,232	112,377	45,145
O&M-IH35 TWDS-BUDA	56,028	59,225	3,197
O&M IH35 P/L TRNSM-MONARCH	50,424	48,214	(2,210)
W/S OTHER SMALL SALES	55,156	112,380	57,224
DEBT SERV REQ-INTEREST	166,066	166,377	311
DEBT SERV REQ-RRWDS PIPELINE	1,660,660	1,663,769	3,109
DEBT SERV REQ-WESTERN CANYON	5,322,716	5,320,519	(2,197)
DEBT SERV REQ-IH35	1,320,999	1,312,461	(8,538)
Total WATER SALES & LAKE OPERATIONS	**23,047,805**	**24,189,897**	**1,142,092**
RECREATION & LAND USE:			
G. V. RECREATION REVENUE	28,000	28,000	
LAKEWOOD REC. REVENUE	117,309	107,000	(10,309)
Total RECREATION & LAND USE	**145,309**	**135,000**	**(10,309)**
RENTALS:			
LAKEWOOD RENTAL INCOME	18,560		(18,560)
OFFICE EXPAN. BLDG RENTAL	191,920	190,416	(1,504)
Total RENTALS	**210,480**	**190,416**	**(20,064)**
MISCELLANEOUS INCOME:			
MISCELLANEOUS REVENUES	40,000	29,000	(11,000)
Total MISCELLANEOUS INCOME	**40,000**	**29,000**	**(11,000)**
TOTAL OPERATING REVENUES	**23,443,594**	**24,544,313**	**1,100,719**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	1,294,595	1,498,656	204,061
SUPERVISION	1,032,878	1,002,212	(30,666)
LABOR	355,894	526,785	170,891
Total OPERATING SALARIES & WAGES	**2,683,367**	**3,027,653**	**344,286**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	59,750	60,025	275
TRAVEL-LEGIS.ADVOCACY		100	100
TRAVEL - WATER QUALITY	3,000	3,000	

GUADALUPE-BLANCO RIVER AUTHORITY
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041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
TRAVEL EXP - NWRA	15,000	15,000	
TRAVEL EXP - TWCA	15,000	19,000	4,000
EMPLOYEE BENEFITS	1,154,680	1,367,740	213,060
Total EMPLOYEE EXPENSES & BENEFITS	**1,247,430**	**1,464,865**	**217,435**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	9,000	11,000	2,000
AUTO OPERATING EXPENSES	1,000	1,000	
OFFICE RENTAL & EXPENSES	25,000	25,000	
SAN ANTONIO BAY FOUNDATION EXP	75,000	25,000	(50,000)
GUADALUPE RIVER FOUNDATION EXP	5,000	3,000	(2,000)
ECONOMIC DEVELOPMENT	70,000	75,000	5,000
GBR TRUST EXPENSE	74,000	40,000	(34,000)
PUBLIC INFORMATION	3,000	5,000	2,000
GOVERNMENT RELATIONS	5,000	5,000	
CHAMBER OF COMMERCE	35,000	35,000	
PC-MEDIA EXPENSES	3,000	3,000	
PC-ED/CONSV PROJ.MATERIAL	30,000	35,000	5,000
PC-COMMUNITY REL/SPONSORS	15,000	15,000	
PC-SPECIAL PROJECTS	20,000	20,000	
PC-RIVER RUN MAGAZINE	20,000	15,000	(5,000)
PC-PECAN FEST	7,500	8,500	1,000
DUES AND MEMBERSHIPS	18,000	18,000	
PUBLICATIONS AND BOOKS	1,500	2,000	500
SMALL TOOLS EXPENSE	250	250	
TRACTORS AND EQUIPMENT		4,000	4,000
UNIFORMS AND LAUNDRY	500	1,000	500
PROCESS/CORPS CANYON	210,000	150,000	(60,000)
GAUGING/MONITORING	165,000	194,000	29,000
TRAINING EXPENSES	29,000	29,000	
SAFETY & EMERG. EXPENSES	500	1,000	500
SECURITY EXPENSE	5,000	2,500	(2,500)
POWER AND UTILITIES	15,000	14,040	(960)
POWER/UTIL-RRWDS PUMP STATION	530,000	705,000	175,000
POWER/UTIL-GPP PIPELINE	151,500	158,000	6,500
POWER/UTIL-IH35 PIPELINE	220,000	220,000	
LAB SUPPLIES & EXPENSES	30,000	30,000	
PROFESSIONAL FEES	443,250	390,635	(52,615)
PROF. FEES-LEGIS. ADVOC.	135,300	32,400	(102,900)
PROF.FEES-PUBLIC COMMUNICATION	114,000		(114,000)
REGIONAL RWDS PROJECT EXPS.	49,490	51,435	1,945
MISC. PROJECT DEVELOPMENT	20,000		(20,000)
MOBILE PRESS EXPS.	2,400	2,400	
IH35 PIPELINE EXPS.	25,800	25,800	

GUADALUPE-BLANCO RIVER AUTHORITY
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041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
GPP PIPELINE EXPS.	18,900	19,350	450
G. V. RECREATION EXPS.	15,000	12,500	(2,500)
LAKEWOOD RECREATION EXPS.	79,115	54,052	(25,063)
COMAL CO. ALERT EXPS.	3,000	3,000	
KENDALL CO. ALERT EXPS.	3,000	3,000	
KERR CO. ALERT SYS. EXPS.	3,000	3,000	
SB. 818 ASSESSMENT	41,000	41,000	
WATERMASTER PAYMENT	120,000	120,000	
COMMUNICATIONS	21,500	22,500	1,000
OFFICE SUPPLIES & EXPENSES	18,500	17,500	(1,000)
COMPUTER SUPPLIES & SERVICE	13,250	14,300	1,050
REPRODUCTION/DUPLICATING	17,000	17,500	500
BANK SERVICE FEES	10,500	18,850	8,350
INSURANCE EXPENSE	107,100	104,000	(3,100)
MISCELLANEOUS EXPENSES	10,000	15,000	5,000
Total OPERATING SUPPLIES & SERVICES	**3,044,855**	**2,885,512**	**(159,343)**
MAINTENANCE & REPAIR			
LABOR	314,695	349,484	34,789
MATERIAL	182,020	210,432	28,412
SERVICES	753,358	948,272	194,914
Total MAINTENANCE & REPAIR	**1,250,073**	**1,508,188**	**258,115**
TOTAL OPERATING & MAINTENANCE	**8,225,725**	**8,886,218**	**660,493**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	940,850	1,114,456	173,605
Total ADMINISTRATIVE & GENERAL	**940,850**	**1,114,456**	**173,605**
PROJECT WRITE OFFS TO OPR EXP:			
WIP WRITE-OFF	2,175,996		(2,175,996)
Total PROJECT WRITE OFFS TO OPR EXP	**2,175,996**		**(2,175,996)**
TOTAL OPERATING EXPENSES	**11,342,572**	**10,000,674**	**(1,341,898)**
NET OPERATING INCOME	**12,101,022**	**14,543,639**	**2,442,617**

GUADALUPE-BLANCO RIVER AUTHORITY
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041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	23,443,594	24,544,313	1,100,719
OPERATING EXPENSES	(11,342,572)	(10,000,674)	1,341,898
NET OPERATING INCOME	**12,101,022**	**14,543,639**	**2,442,617**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON OPERATING FUNDS	31,200	102,000	70,800
INT ON NOW ACCTS	600	660	60
INT: I&S FUND,SAN MARCOS BOND	300	300	
INT: I&S FUND,OFFICE EXP BOND	120	120	
INT: I&S FUND,WEST CANYON BOND	1,200	1,200	
INT: I&S FUND,IH 35 BONDS	240	720	480
INT: RESERVE FUND,IH35 BONDS	6,000	7,800	1,800
INT: W.CANYON RATE STABILIZ.	12,000	18,000	6,000
INT: MID-BASIN RESERVE (WIF)	480	3,600	3,120
INT: MID-BASIN I&S	48	48	
Total INTEREST INCOME	**52,188**	**134,448**	**82,260**
CAPITAL CONTRIBUTIONS:			
GOVERNMENT GRANTS & STATE FUND	3,786,000	708,600	(3,077,400)
CLEAN RIVERS PROGRAM FUNDS	135,378	135,378	
ENVIRONMENTAL PROGRAM FUNDS	477,648	387,992	(89,656)
TX DoT PROGRAM FUNDS		1,280,000	1,280,000
FLOOD DEBRIS/LOG JAM GRANTS		2,209,084	2,209,084
CONTRIBUTED BY CUSTOMERS		475,000	475,000
CONTRIBUTED BY OTHER FUNDS	(197,200)	(173,000)	24,200
Total CAPITAL CONTRIBUTIONS	**4,201,826**	**5,023,054**	**821,228**
INTEREST & BANK FEES:			
INTEREST ON CANYON LOAN	(73,476)	(67,584)	5,892
INT- 2011 REFUNDING BONDS	(332,135)	(317,397)	14,738
INT - REGIONAL RWDS BONDS 1998	(135,264)	(126,069)	9,195
INT- REG RWDS EXPAN-2007 BONDS	(783,732)	(767,712)	16,020
INT ON WTR RIGHTS LOAN	(30,732)	(29,388)	1,344
INT ON OFFICE EXPAN LOANS	(1,672)		1,672
INT ON MID BASIN PROJECT BONDS	(37,608)	(37,608)	
INT ON WSTRN CANYON BONDS	(2,625,499)	(2,560,169)	65,330
INT ON IH 35 BONDS	(640,486)	(626,483)	14,003
INT ON NEW EQUIP LOAN		(20,256)	(20,256)

GUADALUPE-BLANCO RIVER AUTHORITY
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041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total INTEREST & BANK FEES	**(4,660,604)**	**(4,552,666)**	**107,938**
TOTAL NON-OPERATING REVENUES (EXPENSES)	**(406,590)**	**604,836**	**1,011,426**
CHANGE IN NET ASSETS	**11,694,432**	**15,148,475**	**3,454,043**
CHANGE IN RESTRICTED FUNDS:			
SOURCE-CHANGE IN RESTR.FUNDS	412,000	1,070,000	658,000
Total CHANGE IN RESTRICTED FUNDS	**412,000**	**1,070,000**	**658,000**
DEBT CAPITAL			
BOND REC.-GROUNDWATER LEASES		28,000,000	28,000,000
NEW EQUIP LOAN REC.	405,000		(405,000)
Total DEBT CAPITAL	**405,000**	**28,000,000**	**27,595,000**
TOTAL FUNDS AVAILABLE	**12,511,432**	**44,218,475**	**31,707,043**
PURCHASES OF FIXED ASSETS			
WATER RIGHTS		29,229,000	29,229,000
SPECIALIZED OPER. EQUIPMENT		9,000	9,000
AUTO & HEAVY EQUIPMENT	50,000		(50,000)
OFFICE FURN & EQUIPMENT	33,143	5,000	(28,143)
MISCELLANEOUS EQUIPMENT	374,500		(374,500)
Total PURCHASES OF FIXED ASSETS	**457,643**	**29,243,000**	**28,785,357**
WORK IN PROGRESS			
WIP-OPERATING	211,419	183,801	(27,618)
Total WORK IN PROGRESS	**211,419**	**183,801**	**(27,618)**
CHANGE IN RESTRICTED FUNDS	**996,158**	**1,070,211**	**74,053**
PROJECT DEVELOPMENT	**6,226,315**	**9,054,930**	**2,828,615**
DEBT SERVICE			
BONDS PAID-SMarcos'98	459,996	469,992	9,996
BONDS PAID-WESTERN CANYON	2,213,334	2,276,666	63,332

GUADALUPE-BLANCO RIVER AUTHORITY
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041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
BONDS PAID-SMarcos'07	281,668	299,996	18,328
BOND PAID-2012 MID BASIN INFRA		220,413	220,413
BOND PAID OFFICE EXP	491,246	506,246	15,000
BONDS PAID- I H 35 CONST BONDS	560,420	566,663	6,243
BOND PAID-MID BASIN PROJECT	220,413		(220,413)
LONG TERM LOANS PAID	235,416	241,308	5,892
WATER RIGHTS LOAN PAID	30,060	31,416	1,356
LOAN PAID-BUILDING EXPANSION	106,664		(106,664)
NEW EQUIP LOAN PAID		32,196	32,196
Total DEBT SERVICE	**4,599,217**	**4,644,896**	**45,679**
TOTAL FUNDS APPLIED	**12,490,752**	**44,196,838**	**31,706,086**
NET CHANGE IN FUND BALANCE	**20,680**	**21,637**	**957**

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041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	901,807	1,012,696	110,890
STA- CLERICAL	97,127	99,479	2,352
STA/SUP- NWRA	19,815	49,398	29,583
STA/SUP- TWCA	19,815	49,398	29,583
STA/CLR- RRWDS PIPELINE		3,471	3,471
STA/SUP- GPP PIPELINE		1,576	1,576
STA/CLR- GV RECREATION	4,056	3,013	(1,043)
STA/SUP- IH35 PIPELINE	384		(384)
STA/SUP- GBR TRUST	6,745	15,257	8,512
STA/CLR- GBR TRUST	2,013	2,562	549
STA/SUP-SA BAY FOUNDATION	1,236	9,662	8,426
STA/CLR-SA BAY FOUNDATION	4,971	6,901	1,930
STA/SUP-GUAD RIVER FOUNDATION	15,372	14,392	(980)
STA/CLR-GUAD RIVER FOUNDATION	2,037	2,851	814
STA/CLR- PUBLIC INFORM	107,294	120,938	13,645
STA/SUP- PUBLIC INFORM	108,979	102,469	(6,510)
OVT- STAFF PUBLIC INFORM	2,946	4,593	1,647
Total STAFF TECHNICAL ASSISTANCE	**1,294,595**	**1,498,656**	**204,061**
SUPERVISION:			
SUPERVISION	771,859	700,917	(70,942)
SUP- WATER QUALITY	38,618	62,400	23,782
SUP- RRWDS PIPELINE	4,210	5,480	1,269
SUP- GPP PIPELINE	5,485	5,602	117
SUP- GV RECREATION	4,654	4,765	111
SUP- SAFETY & TRAINING	11,575	13,466	1,890
SUP- IH35 PIPELINE	714	2,455	1,742
SUP- GBR TRUST	84,624	98,272	13,648
SUP-SA BAY FOUNDATION	111,138	108,855	(2,283)
Total SUPERVISION	**1,032,878**	**1,002,212**	**(30,666)**
OPERATING LABOR:			
CLERICAL	123,270	189,946	66,676
REG- OPERATING LABOR	52,026	93,001	40,975
REG- MISC LABOR		697	697
REG- WATER QUALITY LABOR	10,061	19,137	9,077
REG- RRWDS PIPELINE LABOR	32,156	33,262	1,106
REG- GPP PIPELINE LABOR	13,890	14,864	975
REG- LAKEWOOD REC LABOR	52,130	54,893	2,764
REG- SAFETY & TRAINING	1,153	6,848	5,694
REG- IH35 PIPELINE LABOR	39,880	38,760	(1,120)

GUADALUPE-BLANCO RIVER AUTHORITY
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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
GBR TRUST-NFW GRANT LABOR		523	523
REG-SA BAY FOUNDATION	4,187	349	(3,838)
REG- PUBLIC INFORM LABOR		33,607	33,607
OVT- CLERICAL LABOR		4,431	4,431
OVT- OPERATING LABOR	6,121	13,487	7,366
OVT- RRWDS PIPELINE	1,535	1,770	234
OVT- GPP PIPELINE	1,535	1,770	234
OVT- LAKEWOOD REC	9,656	10,059	403
OVT- PUBLIC INFORMATION		784	784
REG- WORKING HOL RRWDS PIPELIN	1,857	1,913	56
REG- WORKING HOL GPP PIPELINE	1,857	1,913	56
REG- WORKING HOL LAKEWOOD REC	4,580	4,770	190
Total OPERATING LABOR	**355,894**	**526,785**	**170,891**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- RRWDS PIPELINE	63,397	81,981	18,584
REG/LBR- GPP PIPELINE	32,643	44,189	11,546
REG/LBR- G.V. RECREATION	27,557	29,448	1,892
REG/LBR- LAKEWOOD REC.	50,323	59,081	8,758
REG/LBR- IH35 PIPELINE	10,201	10,187	(14)
REG/LBR- COMAL CO.RAIN TELEMET	14,492	9,212	(5,280)
REG/LBR- KENDAL CO.RAIN TELEME	14,492	9,212	(5,280)
REG/LBR- KERR CO RAIN TELEMETR	14,492	9,212	(5,280)
REG/LBR- GUAD.CO.RAIN TELEMETR	14,492	9,212	(5,280)
REG/LBR- OTHER	52,235	62,646	10,411
Total M&R-LABOR	**294,326**	**324,382**	**30,056**
M&R-OVERTIME:			
OVT/LBR- RRWDS PIPELINE	4,961	5,606	645
OVT/LBR- GPP PIPELINE	3,692	4,249	557
OVT/LBR- G.V. RECREATION	4,027	4,470	443
OVT/LBR- OTHER	7,689	10,777	3,088
Total M&R-OVERTIME	**20,369**	**25,102**	**4,733**
Total MAINTENANCE & REPAIR	**314,695**	**349,484**	**34,789**
WORK IN PROGRESS			
WIP-SUPERVISION:			
H5 LOT RESTORATION-SUPERV	15,268	7,954	(7,314)

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041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total WIP-SUPERVISION	**15,268**	**7,954**	**(7,314)**
Total WORK IN PROGRESS	**15,268**	**7,954**	**(7,314)**
PROJECT DEVELOPMENT			
PD-STAFF:			
ENVIRONMENTAL LCUB-STAFF	19,978	21,740	1,762
319 RIVER NETWORK-STAFF	604	577	(28)
LOWER BASIN LITIGATION-STAFF	6,576	13,173	6,597
OUTDOOR LEARNING CNTR-STAFF	1,737	3,616	1,879
CRP QUALITY ASSURANCE-STAFF	1,413	1,456	43
CRP PUBLIC PARTICIPATION-STAFF	5,385	6,363	978
IWPP DESAL/POWER-STAFF	63,374	58,524	(4,850)
LOWER BASIN PERMIT AMEND-STAFF	2,528	18,408	15,880
LB STORAGE PROJ ADM-STAFF	31,200	5,009	(26,191)
CANYON GORGE PROJECT-STAFF	7,276	27,379	20,103
UB LK MGMT&AQUATIC CNTL-STAFF	1,560		(1,560)
PLUM CREEK OUTREACH-STAFF	2,224	1,157	(1,066)
PLUM CREEK MONITORING-STAFF	1,339	1,112	(227)
FM 110 P/L RELOC-REIMB-STAFF	119,935	65,762	(54,173)
FM 110 P/L -NONREIMB-STAFF	15,600	2,768	(12,832)
FM-183 UTLY RELOCATE-STAFF	15,600		(15,600)
FM-725 UTLY RELOCATE-STAFF	15,600		(15,600)
MID-BASIN PROJECT-STA	25,928	3,514	(22,414)
GERONIMO CREEK WPP-STAFF	8,788	7,793	(994)
Total PD-STAFF	**346,645**	**238,352**	**(108,294)**
PD-SUPERVISION & LABOR:			
ENVIRONMENTAL LCUB-NON GE	864	1,238	374
SB2 IN-STREAM FLOW-NON-GENERAL	5,210	2,967	(2,243)
LOWER BASIN LITIGAT-NON GEN	1,680		(1,680)
PC WATERSHED COORDINAT-NON GEN	10,603	4,747	(5,856)
PC GC ISOTOPE STUDY-NON GEN	10,603	4,747	(5,856)
REAL HOG FARM PROJ-NON GEN EMP	22,511		(22,511)
CRP PROJECT ADMIN-NON GEN EMPL	662	297	(366)
CRP QUALITY ASSURANCE-NON GEN	13,591	12,033	(1,558)
CRP MONITORING-NON GEN EMPL	16,660	25,617	8,957
CRP INFO CLEARINGHOUSE-NON GEN	1,974	148	(1,826)
CRP ISSUES & CAUSES-NON GEN EM	662	297	(366)
CRP PUBLIC PARTICIPATION-NON G	1,648	247	(1,400)
CRP-LIMS-NON-GENERAL EMPLOYEES		6,991	6,991
LAKE MGMT ENHANCEMENT-NON-GENE	3,279		(3,279)

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
LAKE MGMT GOAT PROJECT-NON GEN	21,696		(21,696)
LB LK MGMT&AQUATIC CNTL-NON-GE	1,414	1,387	(28)
GUAD/HAYS/CALD WW CCNS-NON-GEN	2,879	4,635	1,756
IWPP DESAL/POWER-NON-GEN	35,603	14,970	(20,633)
MID-BASIN HDR-NON-GEN	745		(745)
MID-BASIN GRANT STDY-NON-GEN		26,947	26,947
LOWER BASIN PERM AM.-NON GEN E	10,921		(10,921)
LB STORAGE PROJ ADM-NON GEN EM	10,400	57,601	47,201
WATER SUPPLY ALTERNATIVE-NON-G	6,721	7,485	764
WATER & WW INV-NON GEN EMPL	7,225		(7,225)
UB LK MGMT&AQUATIC CNTL-NONGEN	11,795	26,150	14,355
PLUM CREEK MONITORING-NON GEN	54,477	30,795	(23,683)
PLUM CREEK PROJ ADM-NON GEN EM	1,450		(1,450)
FM 110 P/L RELOC-REIMB-NON GEN	32,173		(32,173)
FM 110 P/L -NONREIMB-NON GEN	5,589		(5,589)
FM-183 UTLY RELOCATE-NON GEN	5,200		(5,200)
FM-725 UTLY RELOCATE-NON GEN	5,200		(5,200)
WATER CO ACQUISITIONS-NON GEN	12,755	13,978	1,223
INDUSTRIAL DEV PROJECT-NON-GEN	19,221	21,500	2,279
MID-BASIN PROJECT-NON-GEN EMPL	75,254	44,169	(31,085)
GERONIMO CREEK WPP-NON GEN EMP	52,620	22,770	(29,851)
Total PD-SUPERVISION & LABOR	**463,289**	**331,715**	**(131,574)**
Total PROJECT DEVELOPMENT	**809,934**	**570,067**	**(239,867)**
TOTAL SALARIES & WAGES	**3,823,265**	**3,955,158**	**131,893**

GUADALUPE-BLANCO RIVER AUTHORITY
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041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- RRWDS PIPELINE	63,397	81,981	18,584
REG/LBR- GPP PIPELINE	32,643	44,189	11,546
REG/LBR- G.V. RECREATION	27,557	29,448	1,892
REG/LBR- LAKEWOOD REC.	50,323	59,081	8,758
REG/LBR- IH35 PIPELINE	10,201	10,187	(14)
REG/LBR- COMAL CO.RAIN TELEMET	14,492	9,212	(5,280)
REG/LBR- KENDAL CO.RAIN TELEME	14,492	9,212	(5,280)
REG/LBR- KERR CO RAIN TELEMETR	14,492	9,212	(5,280)
REG/LBR- GUAD.CO.RAIN TELEMETR	14,492	9,212	(5,280)
REG/LBR- OTHER	52,235	62,646	10,411
OVT/LBR- RRWDS PIPELINE	4,961	5,606	645
OVT/LBR- GPP PIPELINE	3,692	4,249	557
OVT/LBR- G.V. RECREATION	4,027	4,470	443
OVT/LBR- OTHER	7,689	10,777	3,088
Total LABOR	**314,695**	**349,484**	**34,789**
MATERIAL:			
M&R/MAT- REMOVE LOG JAMS	1,200	1,200	
M&R/MAT- WORK BOAT	1,200	1,200	
M&R/MAT- DIV. DAM/SWB	6,000	6,000	
M&R/MAT- DIV. ROADS&BRIDG	2,400	2,400	
M&R/MAT- DIVERSION LEVEES	1,200	26,200	25,000
M&R/MAT- DIVERSION GATES	2,400	7,000	4,600
M&R/MAT- TRUCKS	360	360	
M&R/MAT- RRWDS PIPELINE	61,000	61,000	
M&R/MAT- GPP PIPELINE	37,200	37,700	500
M&R/MAT- G.V. RECREATION	9,000	6,000	(3,000)
M&R/MAT- LAKEWOOD REC.	21,000	22,692	1,692
M&R/MAT- IH35 PIPELINE	15,000	15,000	
M&R/MAT- KOBELCO TRACKHOE	3,600	3,600	
M&R/MAT- WORK BARGE	3,600	3,600	
M&R/MAT- KUBOTA U45 TRACKHOE	8,720	4,800	(3,920)
M&R/MAT- KUBOTA M6800 TRACTOR	360	1,200	840
M&R/MAT- MOBILE PRESS	1,580	1,580	
M&R/MAT- KUBOTA RTV		1,200	1,200
M&R/MAT- COMAL CO.RAIN TELEMET	1,000	1,500	500
M&R/MAT- KENDAL CO.RAIN TELEME	1,000	1,500	500
M&R/MAT- KERR CO RAIN TELEMETR	3,200	3,200	
M&R/MAT- GUAD.CO.RAIN TELEMET	1,000	1,500	500

GUADALUPE-BLANCO RIVER AUTHORITY
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041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total MATERIAL	**182,020**	**210,432**	**28,412**
SERVICES:			
M&R/SER- CORPS OF ENG.	360,000	310,000	(50,000)
M&R/SER- REMOVE LOG JAMS	25,000	25,000	
M&R/SER- WORK BOAT	1,200	1,200	
M&R/SER- DIV. DAM/SWB	13,400	28,400	15,000
M&R/SER- DIV. ROADS&BRIDG	2,400	2,400	
M&R/SER- DIVERSION LEVEES	7,200	57,200	50,000
M&R/SER- DIVERSION GATES	3,600	3,600	
M&R/SER- TRUCKS	600	2,400	1,800
M&R/SER- RRWDS PIPELINE	83,400	221,900	138,500
M&R/SER- GPP PIPELINE	93,700	100,000	6,300
M&R/SER- G.V. RECREATION	60,000	78,000	18,000
M&R/SER- LAKEWOOD REC.	12,218	13,092	874
M&R/SER- IH35 PIPELINE	27,500	27,500	
M&R/SER- KOBELCO TRACKHOE	6,000	6,000	
M&R/SER- WORK BARGE	2,400	4,800	2,400
M&R/SER- KUBOTA U45 TRACKHOE	2,400	12,400	10,000
M&R/SRV- KUBOTA M6800 TRACTOR	360	1,200	840
M&R/SER- MOBILE PRESS	3,980	3,980	
M&R/SER- KUBOTA RTV		1,200	1,200
M&R/SER- GEN. OFFICE BLDG	10,000	10,000	
M&R/SER- COMAL CO.RAIN TELEMET	2,500	2,500	
M&R/SER- KENDAL CO.RAIN TELEME	2,500	2,500	
M&R/SER- KERR CO RAIN TELEMETR	8,500	8,500	
M&R/SER- GUAD.CO.RAIN TELEMETR	2,500	2,500	
M&R/SER- VEGETATION CONTROL	12,000	12,000	
M&R/SER- OTHER	10,000	10,000	
Total SERVICES	**753,358**	**948,272**	**194,914**
TOTAL MAINTENANCE & REPAIR	**1,250,073**	**1,508,188**	**258,115**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
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041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
PROJECT DEVELOPMENT			
ENVIRONMENTAL LCUB-STAFF	19,978	21,740	1,762
ENVIRONMENTAL LCUB-BENEFI	8,441	9,306	865
ENVIRONMENTAL LCUB-TRAVEL	1,000	1,000	
ENVIRONMENTAL LCUB-A&G	6,878	7,583	705
ENVIRONMENTAL LCUB-NON GE	864	1,238	374
ENVIRONMENTAL LCUB-PRO FE	7,500	12,500	5,000
ENVIRONMENTAL LCUB-MAT'L	12,500		(12,500)
ENVIRONMENTAL LCUB-OTHER	2,500		(2,500)
Total	**59,661**	**53,368**	**(6,293)**
319 RIVER NETWORK-STAFF	604	577	(28)
319 RIVER NETWORK-BENEFITS	245	234	(11)
319 RIVER NETWORK-A&G	199	190	(9)
Total	**1,049**	**1,001**	**(48)**
DROUGHT PLANNING-TRAVEL	250		(250)
DROUGHT PLANNING-SERVICE	250		(250)
DROUGHT PLANNING-MAT'L	1,000		(1,000)
Total	**1,500**		**(1,500)**
SB3- ENVIRONMNTL FLOWS-ENG	15,000	10,000	(5,000)
Total	**15,000**	**10,000**	**(5,000)**
SB2 IN-STREAM FLOW-ENG	5,000	40,000	35,000
SB2 IN-STREAM FLOW-BENEFITS	2,110	1,202	(908)
SB2 IN-STREAM FLOW-A&G	1,719	979	(740)
SB2 IN-STREAM FLOW-NON-GENERAL	5,210	2,967	(2,243)
Total	**14,039**	**45,148**	**31,108**
LOWER BASIN LITIGATION-STAFF	6,576	13,173	6,597
LOWER BASIN LITIGATION-LEGA	375,000		(375,000)
LOWER BASIN LITIGATION-BENEFI	3,344	5,335	1,991
LOWER BASIN LITIGATION-A&G	2,725	4,347	1,622

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041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
LOWER BASIN LITIGAT-NON GEN	1,680		(1,680)
Total	**389,325**	**22,855**	**(366,470)**
PC WATERSHED COORDINATOR-ENG	85,300	85,300	
PC WATERSHED COORDINATOR-BENEF	4,294	1,923	(2,372)
PC WATERSHED COORDINATE-TRAVEL	15,000	15,000	
PC WATERSHED COORDINATOR-A&G	3,499	1,567	(1,932)
PC WATERSHED COORDINAT-NON GEN	10,603	4,747	(5,856)
PC WATERSHED COORDINATOR-OTHER	26,747	16,747	(10,000)
Total	**145,443**	**125,283**	**(20,160)**
PC GC ISOTOPE STUDY-ENG	54,000	54,000	
PC GC ISOTOPE STUDY-BENEFITS	4,294	1,923	(2,372)
PC GC ISOTOPE STUDY-A&G	3,499	1,567	(1,932)
PC GC ISOTOPE STUDY-NON GEN	10,603	4,747	(5,856)
Total	**72,396**	**62,236**	**(10,160)**
REAL HOG FARM PROJ-BENEFITS	9,117		(9,117)
REAL HOG FARM PROJ-TRAVEL	900		(900)
REAL HOG FARM PROJ-A&G	7,429		(7,429)
REAL HOG FARM PROJ-NON GEN EMP	22,511		(22,511)
REAL HOG FARM PROJ-OTHER	8,932		(8,932)
Total	**48,889**		**(48,889)**
OUTDOOR LEARNING CNTR-STAFF	1,737	3,616	1,879
OUTDOOR LEARNING CNTR-BENEFITS	704	1,465	761
OUTDOOR LEARNING CNTR-A&G	573	1,193	620
OUTDOOR LEARNING CENTER-OTHER	38,800		(38,800)
Total	**41,814**	**6,274**	**(35,540)**
CRP PROJECT ADMIN-BENEFITS	268	120	(148)
CRP PROJECT ADMIN-A&G	219	98	(121)
CRP PROJECT ADMIN-NON GEN EMPL	662	297	(366)

GUADALUPE-BLANCO RIVER AUTHORITY
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FISCAL YEAR ENDING AUGUST 31, 2017

041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total	**1,149**	**515**	**(635)**
CRP QUALITY ASSURANCE-STAFF	1,413	1,456	43
CRP QUALITY ASSURANCE-BENEFITS	6,077	5,463	(614)
CRP QUALITY ASSURANCE-A&G	4,951	4,451	(500)
CRP QUALITY ASSURANCE-NON GEN	13,591	12,033	(1,558)
Total	**26,032**	**23,403**	**(2,628)**
CRP MONITORING-ENG	24,700		(24,700)
CRP MONITORING-BENEFITS	6,747	10,375	3,627
CRP MONITORING-TRAVEL	5,138	2,500	(2,638)
CRP MONITORING-A&G	5,498	8,454	2,956
CRP MONITORING-NON GEN EMPL	16,660	25,617	8,957
CRP MONITORING-OTHER	93,913	93,913	
Total	**152,657**	**140,859**	**(11,798)**
CRP INFO CLEARINGHOUSE-BENEFIT	799	60	(739)
CRP INFO CLEARINGHOUSE-A&G	651	49	(603)
CRP INFO CLEARINGHOUSE-NON GEN	1,974	148	(1,826)
Total	**3,425**	**257**	**(3,168)**
CRP ISSUES & CAUSES-BENEFITS	268	120	(148)
CRP ISSUES & CAUSES-A&G	219	98	(121)
CRP ISSUES & CAUSES-NON GEN EM	662	297	(366)
Total	**1,149**	**515**	**(635)**
CRP PUBLIC PARTICIPATION-STAFF	5,385	6,363	978
CRP PUBLIC PARTICIPATION-BENEF	2,848	2,677	(171)
CRP PUBLIC PARTICIPATION-A&G	2,321	2,181	(139)
CRP PUBLIC PARTICIPATION-NON G	1,648	247	(1,400)

GUADALUPE-BLANCO RIVER AUTHORITY
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041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total	**12,202**	**11,469**	**(733)**
CRP-LIMS-BENEFITS		2,831	2,831
CRP-LIMS-A&G		2,307	2,307
CRP-LIMS-NON-GENERAL EMPLOYEES		6,991	6,991
Total		**12,129**	**12,129**
APPLIC-UNAPPROP.FLOW-ENG	88,000		(88,000)
Total	**88,000**		**(88,000)**
BULVERDE AREA WW-ENG	27,000		(27,000)
BULVERDE AREA WW-MAT'L	3,000		(3,000)
Total	**30,000**		**(30,000)**
U/S SWB GUAD RIVER STUDY-ENG	60,000		(60,000)
Total	**60,000**		**(60,000)**
FLOOD MGMT MODEL-ENG	420,000	523,300	103,300
Total	**420,000**	**523,300**	**103,300**
LAKE MGMT ENHANCEMENT-BENEFITS	1,328		(1,328)
LAKE MGMT ENHANCEMENT-A&G	1,082		(1,082)
LAKE MGMT ENHANCEMENT-NON-GENE	3,279		(3,279)
LAKE MGMT ENHANCEMENT-SERVICES	10,000	10,000	
Total	**15,688**	**10,000**	**(5,688)**
LAKE MGMT GOAT PROJECT-BENEFIT	8,787		(8,787)
LAKE MGMT GOAT PROJECT-A&G	7,160		(7,160)
LAKE MGMT GOAT PROJECT-NON GEN	21,696		(21,696)

GUADALUPE-BLANCO RIVER AUTHORITY
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041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total	**37,643**		**(37,643)**
LB LK MGMT&AQUATIC CNTL-BENEFI	573	562	(11)
LB LK MGMT&AQUATIC CNTL-TRAVEL	5,000	5,000	
LB LK MGMT&AQUATIC CNTL-A&G	467	458	(9)
LB LK MGMT&AQUATIC CNTL-NON-GE	1,414	1,387	(28)
LB LK MGMT&AQUATIC CNTL-MTL'S	10,000	10,000	
Total	**17,454**	**17,406**	**(48)**
GW/SW INTERFACE STUDY-ENG	40,000	40,000	
Total	**40,000**	**40,000**	
L.BASIN WATER QLTY MODEL.-MISC	35,000		(35,000)
Total	**35,000**		**(35,000)**
LOCKHART DISCHARGE MONT-OTHER	12,500		(12,500)
Total	**12,500**		**(12,500)**
FEMA CTP PROGRAM-ENG		120,000	120,000
FEMA CTP PROGRAM-OTHER	10,000		(10,000)
Total	**10,000**	**120,000**	**110,000**
NRCS 2015 FLOOD UPPER-SERVICE		1,987,709	1,987,709
Total		**1,987,709**	**1,987,709**
NRCS 2015 FLOOD LOWER-SERVICE		528,250	528,250

GUADALUPE-BLANCO RIVER AUTHORITY
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041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total		**528,250**	**528,250**
UTILITY SURVEY,MAPNG,MODELING		5,000	5,000
Total		**5,000**	**5,000**
FLOW MONITORING		5,000	5,000
Total		**5,000**	**5,000**
HIGH WATER MARK SURVEYS-ENG		5,000	5,000
Total		**5,000**	**5,000**
GUAD/HAYS/CALD WW CCNS-ENG	20,000		(20,000)
GUAD/HAYS/CALD WW CCNS-LEGAL	20,000		(20,000)
GUAD/HAYS/CALD WW CCNS-BENEFIT	1,166	1,877	711
GUAD/HAYS/CALD WW CCNS-A&G	950	1,530	580
GUAD/HAYS/CALD WW CCNS-NON-GEN	2,879	4,635	1,756
Total	**44,995**	**8,042**	**(36,953)**
IWPP DESAL/POWER-STAFF	63,374	58,524	(4,850)
IWPP DESAL/POWER-ENG		950,000	950,000
IWPP DESAL/POWER-LEGAL		25,000	25,000
IWPP DESAL/POWER-BENEFIT	40,086	29,765	(10,321)
IWPP DESAL/POWER-TRAVEL	10,000	15,000	5,000
IWPP DESAL/POWER-A&G	32,663	24,253	(8,409)
IWPP DESAL/POWER-NON-GEN	35,603	14,970	(20,633)
IWPP DESAL/POWER-PRO FEE	900,000	75,000	(825,000)
IWPP DESAL/POWER-W/O	10,000		(10,000)
IWPP DESAL/POWER-OTHER	10,000	5,000	(5,000)
Total	**1,101,726**	**1,197,513**	**95,787**
MID-BASIN HDR-BENEFIT	302		(302)
MID-BASIN HDR-A&G	246		(246)
MID-BASIN HDR-NON-GEN	745		(745)

GUADALUPE-BLANCO RIVER AUTHORITY
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041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total	**1,293**		**(1,293)**
MID-BASIN GRANT STDY-BENEFITS		10,913	10,913
MID-BASIN GRANT STDY-A&G		8,892	8,892
MID-BASIN GRANT STDY-NON-GEN		26,947	26,947
Total		**46,752**	**46,752**
DIVERSION SYS IMPROVEMENTS-ENG	25,000	50,000	25,000
Total	**25,000**	**50,000**	**25,000**
RIVER GAGES-ENG	25,000	15,000	(10,000)
Total	**25,000**	**15,000**	**(10,000)**
EAA HABITAT CONSRV PLAN		400,000	400,000
EAA HABITAT CONSRV PLAN-OTHER	450,000		(450,000)
Total	**450,000**	**400,000**	**(50,000)**
LOWER BASIN PERMIT AMEND-STAFF	2,528	18,408	15,880
LOWER BASIN PERMIT AMEND-BEN	5,447	7,455	2,008
LOWER BASIN PERMIT AMEND-A&G	4,438	6,075	1,636
LOWER BASIN PERM AM.-NON GEN E	10,921		(10,921)
Total	**23,335**	**31,938**	**8,603**
LB STORAGE PROJ ADM-STAFF	31,200	5,009	(26,191)
LB STORAGE PROJ ADM-ENG	900,000	980,000	80,000
LB STORAGE PROJ ADM-LEGAL	750,000	25,000	(725,000)
LB STORAGE PROJ ADM-BENEFITS	16,848	25,357	8,509
LB STORAGE PROJ ADM-TRAVEL	10,000	15,000	5,000
LB STORAGE PROJ ADM-A&G	13,728	20,661	6,933
LB STORAGE PROJ ADM-NON GEN EM	10,400	57,601	47,201
LB STORAGE PROJ ADM-W/O	10,000		(10,000)
LB STORAGE PROJ ADM-OTHER	10,000		(10,000)

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041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total	**1,752,176**	**1,128,628**	**(623,548)**
JOHNSON RCH WWTP RGLZ-TRAVEL	500	500	
JOHNSON RANCH-SERVICES	500	500	
Total	**1,000**	**1,000**	
CANYON GORGE PROJECT-STAFF	7,276	27,379	20,103
CANYON GORGE PROJECT-BENEFITS	2,947	11,088	8,142
CANYON GORGE PROJECT-A&G	2,401	9,035	6,634
Total	**12,623**	**47,502**	**34,879**
WATER SUPPLY ALTERNATIVE-BENEF	2,722	3,032	310
WATER SUPPLY ALTERNATIVE-A&G	2,218	2,470	252
WATER SUPPLY ALTERNATIVE-NON-G	6,721	7,485	764
Total	**11,661**	**12,987**	**1,326**
WATER & WW INV-BENEFITS	2,926		(2,926)
WATER & WW INV-A&G	2,384		(2,384)
WATER & WW INV-NON GEN EMPL	7,225		(7,225)
Total	**12,535**		**(12,535)**
UB LK MGMT&AQUATIC CNTL-STAFF	1,560		(1,560)
UB LK MGMT&AQUATIC CNTL-BENEF	5,409	10,591	5,182
UB LK MGMT&AQUATIC CNTL-A&G	4,407	8,629	4,222
UB LK MGMT&AQUATIC CNTL-NONGEN	11,795	26,150	14,355
UB LK MGMT&AQUATIC CNTL-SERVIC	5,000	5,000	
UB LK MGMT&AQUATIC CNTL-MAT'L	12,500	12,500	
Total	**40,670**	**62,869**	**22,199**
SH46 UTILITY RELOC (Reim)-ENG		50,000	50,000
SH46 UTILITY RELOC (Reim)-LEGA		5,000	5,000
SH46 UTILITY RELOC (Reim)-TRAV		5,000	5,000
SH46 UTILITY RELOC (Reim)-PROF		5,000	5,000

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041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SH46 UTILITY RELOC (Reim)-MISC		5,000	5,000
Total		**70,000**	**70,000**
SH46 UTIL RELOC (NonReim)-ENG		10,000	10,000
SH46 UTIL RELOC (NonReim)-LEGA		500	500
SH46 UTIL RELOC (NonReim)-TRAV		500	500
SH46 UTIL RELOC (NonReim)-PROF		500	500
SH46 UTIL RELOC (NonReim)-MISC		500	500
Total		**12,000**	**12,000**
PLUM CREEK OUTREACH-STAFF	2,224	1,157	(1,066)
PLUM CREEK OUTREACH-BENEFITS	901	469	(432)
PLUM CREEK OUTREACH-A&G	734	382	(352)
Total	**3,858**	**2,008**	**(1,850)**
PLUM CREEK MONITORING-STAFF	1,339	1,112	(227)
PLUM CREEK MONITORING-BENEFITS	22,606	12,922	(9,683)
PLUM CREEK MONITORING-A&G	18,420	10,529	(7,890)
PLUM CREEK MONITORING-NON GEN	54,477	30,795	(23,683)
PLUM CREEK MONITORING-OTHER	140,945	140,945	
Total	**237,787**	**196,303**	**(41,483)**
PLUM CREEK PROJ ADM-BENEFITS	587		(587)
PLUM CREEK PROJ ADM-A&G	478		(478)
PLUM CREEK PROJ ADM-NON GEN EM	1,450		(1,450)
Total	**2,515**		**(2,515)**
FM 110 P/L RELOC-REIMB-STAFF	119,935	65,762	(54,173)
FM 110 P/L RELOC-REIMB-ENG	250,000	180,000	(70,000)
FM 110 P/L RELOC-REIMB-LEGAL	10,000	5,000	(5,000)
FM 110 P/L RELOC-REIMB-BENEFIT	61,604	26,634	(34,970)
FM 110 P/L RELOC-REIMB-TRAVEL	20,000	15,000	(5,000)
FM 110 P/L RELOC-REIMB-SERVICE	20,000		(20,000)
FM 110 P/L RELOC-REIMB-A&G	50,196	21,702	(28,494)
FM 110 P/L RELOC-REIMB-NON GEN	32,173		(32,173)

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041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
FM 110 P/L RELOC-REIMB-PROF FE		10,000	10,000
FM 110 P/L RELOC-REIMB-OTHER	1,000,000	900,000	(100,000)
Total	**1,563,908**	**1,224,098**	**(339,810)**
FM 110 P/L -NONREIMB-STAFF	15,600	2,768	(12,832)
FM 110 P/L -NONREIMB-ENG	30,000	30,000	
FM 110 P/L -NONREIMB-LEGAL	5,000	5,000	
FM 110 P/L -NONREIMB-BENEFITS	8,582	1,121	(7,461)
FM 110 P/L -NONREIMB-TRAVEL	5,000	5,000	
FM 110 P/L -NONREIMB-A&G	6,993	913	(6,079)
FM 110 P/L -NONREIMB-NON GEN	5,589		(5,589)
FM 110 P/L -NONREIMB-PROF FEES		2,500	2,500
FM 110 P/L -NONREIMB-W/O	1,000		(1,000)
FM 110 P/L -NONREIMB-OTHER	100,000	100,000	
Total	**177,763**	**147,303**	**(30,461)**
FM-183 UTLY RELOCATE-STAFF	15,600		(15,600)
FM-183 UTLY RELOCATE-ENG		50,000	50,000
FM-183 UTLY RELOCATE-LEGAL		5,000	5,000
FM-183 UTLY RELOCATE-BENEFITS	8,424		(8,424)
FM-183 UTLY RELOCATE-TRAVEL		5,000	5,000
FM-183 UTLY RELOCATE-A&G	6,864		(6,864)
FM-183 UTLY RELOCATE-NON GEN	5,200		(5,200)
FM-183 UTLY RELOCATE-PRO FEES		5,000	5,000
FM-183 UTLY RELOCATE-MISC		5,000	5,000
Total	**36,088**	**70,000**	**33,912**
FM-725 UTLY RELOCATE-STAFF	15,600		(15,600)
FM-725 UTLY RELOCATE-ENG		50,000	50,000
FM-725 UTLY RELOCATE-LEGAL		5,000	5,000
FM-725 UTLY RELOCATE-BENEFITS	8,424		(8,424)
FM-725 UTLY RELOCATE-TRAVEL		5,000	5,000
FM-725 UTLY RELOCATE-A&G	6,864		(6,864)
FM-725 UTLY RELOCATE-NON GEN	5,200		(5,200)
FM-725 UTLY RELOCATE-PROF FEES		5,000	5,000
FM-725 UTLY RELOCATE-MISC		5,000	5,000

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total	**36,088**	**70,000**	**33,912**
WATER CO ACQUISITIONS-BENEFITS	5,166	5,661	495
WATER CO ACQUISITIONS-TRAVEL	500	500	
WATER CO ACQUISITIONS-A&G	4,209	4,613	403
WATER CO ACQUISITIONS-NON GEN	12,755	13,978	1,223
Total	**22,630**	**24,752**	**2,121**
INDUSTRIAL DEV PROJECT-ENG	10,000		(10,000)
INDUSTRIAL DEV PROJECT-BENEFIT	7,785	8,708	923
INDUSTRIAL DEV PROJECT-TRAVEL	200	200	
INDUSTRIAL DEV PROJECT-A&G	6,343	7,095	752
INDUSTRIAL DEV PROJECT-NON-GEN	19,221	21,500	2,279
INDUSTRIAL DEV PROJECT-MAT'L	5,000		(5,000)
Total	**48,549**	**37,503**	**(11,046)**
MID-BASIN PROJECT-STA	25,928	3,514	(22,414)
MID-BASIN PROJECT-ENG	250,000		(250,000)
MID-BASIN PROJECT-LEGAL	375,000	25,000	(350,000)
MID-BASIN PROJECT-BENEFITS	40,979	19,311	(21,667)
MID-BASIN PROJECT-TRAVEL	5,000	15,000	10,000
MID-BASIN PROJECT-A&G	33,390	15,735	(17,655)
MID-BASIN PROJECT-NON-GEN EMPL	75,254	44,169	(31,085)
MID-BASIN PROJECT-PROF FEE	5,000	75,000	70,000
MID-BASIN PROJECT-W/O	5,000		(5,000)
MID-BASIN PROJECT-OTHER	5,000	5,000	
Total	**820,551**	**202,729**	**(617,822)**
S.B.1 PHASE 5-ENG	14,000	10,000	(4,000)
S.B.1 PHASE 5-TRAVEL	2,000		(2,000)
Total	**16,000**	**10,000**	**(6,000)**
GERONIMO CREEK WPP-STAFF	8,788	7,793	(994)
GERONIMO CREEK WPP-BENEFITS	24,870	12,378	(12,492)
GERONIMO CREEK WPP-A&G	20,265	10,086	(10,179)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
GERONIMO CREEK WPP-NON GEN EMP	52,620	22,770	(29,851)
GERONIMO CREEK WPP-MISC	76,000	76,000	
Total	**182,543**	**129,026**	**(53,517)**
GVHS DAM SAFETY PROGRAM-ENG		100,000	100,000
Total		**100,000**	**100,000**
BUD W/O-LOWER BASIN PROJECT	(95,000)		95,000
BUD W/O-LAKE MGMT	(33,890)		33,890
BUD W/O-GERONIMO CREEK	(152,110)		152,110
BUD W/O-PLUM CREEK MONITORING	(198,150)		198,150
BUD W/O-EEA HABITAT	(400,000)		400,000
BUD W/O-PLUM CREEK WS COORDINA	(121,200)		121,200
BUD W/O-WATER ENERGY NEXUS	(236,726)		236,726
BUD W/O-FLOOD MGT MODEL	(420,000)		420,000
BUD W/O-ENVIRON LEARN CTR UB	(49,710)		49,710
BUD W/O-PC ISOTOPE	(52,396)		52,396
BUD W/O-MID BASIN PROJECT	(375,000)		375,000
BUD W/O-OUTDOOR LEARNING CTR	(41,814)		41,814
Total	**(2,175,996)**		**2,175,996**
TOTAL PROJECT DEVELOPMENT	**6,226,315**	**9,054,930**	**2,828,615**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

041 - WATER SALES

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - OPERATING			
H5 LOT RESTORATION-SUPERV	15,268	7,954	(7,314)
H5 LOT RESTORATION-BENEFITS	6,184	3,222	(2,962)
H5 LOT RESTORATION-SERVICES	50,000		(50,000)
H5 LOT RESTORATION-A&G	5,039	2,625	(2,414)
Total	**76,491**	**13,801**	**(62,690)**
HAZARD MITIGATION-PROF FEES	50,000	105,000	55,000
Total	**50,000**	**105,000**	**55,000**
DIV. DAM/SWB EROSION REPAIR-EN		15,000	15,000
Total		**15,000**	**15,000**
SIPHON/RADIAL GATE IMPS-SERVIC	50,053		(50,053)
SIPHON/RADIAL GATE IMPS-PROF F		50,000	50,000
SIPHON/RADIAL GATE IMPS-MAT'L	7,875		(7,875)
Total	**57,928**	**50,000**	**(7,928)**
ADD'L CAMPISTES/LAKEWOOD-MATLS	27,000		(27,000)
Total	**27,000**		**(27,000)**
TOTAL WIP - OPERATING	**211,419**	**183,801**	**(27,618)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

WATER SALES

	FY 2017 BUDGET
WATER RIGHTS	
GROUNDWATER LEASES	28,000,000
SURFACE WATER RIGHTS-E.C.	301,000
SURFACE WATER RIGHTS-G.D.	550,000
SURFACE WATER RIGHTS-R.D.	378,000
Total WATER RIGHTS	**29,229,000**
WATER METERS & EQUIPMENT	
RAINFALL GAUGES-HAYS TELEMETRY NETWORK (2)	9,000
Total WATER METERS & EQUIPMENT	**9,000**
OFFICE FURN. & EQUIP.	
OFFICE FURNITURE	5,000
Total OFFICE FURN. & EQUIP.	**5,000**
TOTAL CAPITAL ADDITIONS	**29,243,000**

Water Resources Division
Regional Laboratory System
Operating Plan for Fiscal Year Ending 8/31/17

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 Regional Laboratory was built in 1973 to assist in providing accurate and required data and results for the Water Quality Programs. It is located within the GBRA's General Business Offices in Seguin, Texas. The responsibilities of the water quality program have been assigned to the Director of Water Quality and is assisted by the Regional Lab Director. The responsibilities for maintaining the Regional Laboratory and the required accreditation have been assigned to the Regional Laboratory Director.

The Regional Laboratory assists the Water Quality Director, 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 Regional 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. To 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 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 Regional 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 Regional Laboratory includes the Laboratory Director, 4 Laboratory Analysts/Technicians, a Quality Assurance Officer, one part-time Laboratory Technician and one Technical administrative assistant and one sample custodian. The Two 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 Commission on Environmental Quality (TCEQ),

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 GBRA Regional Laboratory has held the TCEQ TNI-recognized laboratory accreditation since 2008, when it was first required.

REVENUE SOURCES AND TRENDS

The Regional Laboratory revenue is provided from laboratory test fees. Fees for laboratory analyses will be raised in FY2017. The laboratory income is estimated to be $930,000 during FY 2017. 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 of the surrounding industries. The Regional laboratory provides the majority of the analytical services that are needed for both the waste water 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 Regional Laboratory System are $30,000 of outsourced lab analyses and chemical expenses amounting to $130,000.

Capital addition requests are as follows: Oil and Grease Analyzer ($32,000) and Oil and Grease Speed Vap Replacement ($3,900).

The Work Plan includes the Texas Clean Rivers Program for the Lavaca-Guadalupe Coastal Basin and the Guadalupe River Basin and is administered under contract with the TCEQ for the sum of $135,378. 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.

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 $173,000 is received from an interdivision transfer from GBRA's Water Sales System.

The net increase in fund balance that GBRA anticipates in the Regional Laboratory System of the Water Resource Division after paying all FY 2017 budgeted expenditures is $252.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

042 - REGIONAL LABORATORY

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
LABORATORY SERVICES:			
LAB FEES - OPERATING	890,000	930,000	40,000
Total LABORATORY SERVICES	**890,000**	**930,000**	**40,000**
TOTAL OPERATING REVENUES	**890,000**	**930,000**	**40,000**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	25,281	47,341	22,060
SUPERVISION	73,885	68,746	(5,139)
LABOR	315,612	284,172	(31,440)
Total OPERATING SALARIES & WAGES	**414,778**	**400,258**	**(14,519)**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	4,000	4,000	
TRAVEL-SAMPLE PICKUP	1,500	3,000	1,500
EMPLOYEE BENEFITS	167,985	162,105	(5,880)
Total EMPLOYEE EXPENSES & BENEFITS	**173,485**	**169,105**	**(4,380)**
OPERATING SUPPLIES & SERVICES:			
PUBLIC INFORMATION	500	1,000	500
DUES AND MEMBERSHIPS	1,000		(1,000)
PUBLICATIONS AND BOOKS	600	800	200
UNIFORMS AND LAUNDRY	4,700	4,500	(200)
OUTSOURCED LAB ANALYSES	50,000	30,000	(20,000)
BAD DEBT EXPENSE	300	500	200
TRAINING EXPENSES	7,500	10,000	2,500
LAB EMPLOYEE RETENTION EXPENSE	1,000	1,000	
SAFETY & EMERG. EXPENSES	2,500	1,500	(1,000)
SAFETY BOOTS & GLASSES		1,500	1,500
SECURITY EXPENSE	1,000	1,000	
POWER AND UTILITIES	6,500	6,500	
WATER CONDITIONING	6,800	6,800	
FREIGHT EXPENSES	10,000	12,000	2,000
APPARATUS EXPENSES	6,000	5,000	(1,000)
CHEMICAL EXPENSES	115,000	130,000	15,000
GAS CYLINDERS EXPENSES	5,000	4,000	(1,000)
PT EXPENSES	5,500	5,500	
HAZ. WASTE DISPOSAL EXPENSES	6,000	7,000	1,000

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

042 - REGIONAL LABORATORY

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
NELAP - ACCREDIATION FEES	3,000	3,000	
NELAP - PROFESSIONAL SERVICES	5,000	5,000	
PROFESSIONAL FEES	35,000	30,000	(5,000)
CONTRACT LABOR	6,000	15,000	9,000
COMMUNICATIONS	2,800	5,500	2,700
OFFICE SUPPLIES & EXPENSES	6,000	6,000	
COMPUTER SUPPLIES & SERVICE	8,000	12,000	4,000
COMPUTER-LIMS EXPENSE	5,000	10,000	5,000
INSURANCE EXPENSE	5,300	5,300	
MISCELLANEOUS EXPENSES	2,000	2,000	
Total OPERATING SUPPLIES & SERVICES	**308,000**	**322,400**	**14,400**
MAINTENANCE & REPAIR			
MATERIAL	4,000	4,000	
SERVICES	36,000	39,000	3,000
Total MAINTENANCE & REPAIR	**40,000**	**43,000**	**3,000**
TOTAL OPERATING & MAINTENANCE	**936,262**	**934,763**	**(1,499)**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	136,876	132,085	(4,791)
Total ADMINISTRATIVE & GENERAL	**136,876**	**132,085**	**(4,791)**
TOTAL OPERATING EXPENSES	**1,073,139**	**1,066,848**	**(6,290)**
NET OPERATING INCOME	**(183,139)**	**(136,848)**	**46,290**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

042 - REGIONAL LABORATORY

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	890,000	930,000	40,000
OPERATING EXPENSES	(1,073,139)	(1,066,848)	6,290
NET OPERATING INCOME	**(183,139)**	**(136,848)**	**46,290**
NON-OPERATING REVENUES (EXPENSES)			
CAPITAL CONTRIBUTIONS:			
CONTRIBUTED BY OTHER FUNDS	197,200	173,000	(24,200)
Total CAPITAL CONTRIBUTIONS	**197,200**	**173,000**	**(24,200)**
TOTAL NON-OPERATING REVENUES (EXPENSES)	**197,200**	**173,000**	**(24,200)**
CHANGE IN NET ASSETS	**14,061**	**36,152**	**22,090**
DEBT CAPITAL			
LEASE-PURCHASE RECEIVABLE	58,000		(58,000)
Total DEBT CAPITAL	**58,000**		**(58,000)**
TOTAL FUNDS AVAILABLE	**72,061**	**36,152**	**(35,910)**
PURCHASES OF FIXED ASSETS			
SPECIALIZED OPER. EQUIPMENT	67,000	35,900	(31,100)
OFFICE FURN & EQUIPMENT	5,000		(5,000)
Total PURCHASES OF FIXED ASSETS	**72,000**	**35,900**	**(36,100)**
WORK IN PROGRESS			
DEBT SERVICE			
TOTAL FUNDS APPLIED	**72,000**	**35,900**	**(36,100)**
NET CHANGE IN FUND BALANCE	**61**	**252**	**190**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

042 - REGIONAL LABORATORY

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	7,372	13,711	6,339
STA- CLERICAL	17,909	32,480	14,571
STA- LIMS SUPPORT		1,150	1,150
Total STAFF TECHNICAL ASSISTANCE	**25,281**	**47,341**	**22,060**
SUPERVISION:			
SUPERVISION	1,299	4,823	3,524
SUP- ANALYTICAL	5,706	1,332	(4,374)
SUP- SUPPORT	56,015	49,490	(6,525)
SUP- SAFETY & TRAINING	2,826	2,183	(642)
SUP- LIMS SUPPORT	8,039	10,917	2,878
Total SUPERVISION	**73,885**	**68,746**	**(5,139)**
OPERATING LABOR:			
CLERICAL	50,950	41,478	(9,472)
REG- ANALYTICAL LABOR	109,383	87,421	(21,961)
REG- SUPPORT LABOR	120,425	121,616	1,190
REG- MISC LABOR	3,121	1,168	(1,953)
REG- PURCHASING AGENT	405		(405)
REG- SAFETY & TRAINING	18,682	8,776	(9,905)
REG- LIMS SUPPORT	12,647	12,736	89
OVT- ANALYTICAL LABOR		3,275	3,275
OVT- SUPPORT LABOR		7,701	7,701
Total OPERATING LABOR	**315,612**	**284,172**	**(31,440)**
MAINTENANCE & REPAIR			
Total MAINTENANCE & REPAIR			
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**414,778**	**400,258**	**(14,519)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

042 - REGIONAL LABORATORY

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
MATERIAL:			
M&R/MAT- REGIONAL LAB	4,000	4,000	
Total MATERIAL	**4,000**	**4,000**	
SERVICES:			
M&R/SER- REGIONAL LAB	30,000	30,000	
M&R/SER- GEN. OFFICE BLDG	6,000	9,000	3,000
Total SERVICES	**36,000**	**39,000**	**3,000**
TOTAL MAINTENANCE & REPAIR	**40,000**	**43,000**	**3,000**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

REGIONAL LABORATORY

	FY 2017 BUDGET
LABORATORY EQUIPMENT	
OIL AND GREASE ANALYZER	32,000
OIL AND GREASE SPEED VAP REPLACEMENT	3,900
Total LABORATORY EQUIPMENT	**35,900**
TOTAL CAPITAL ADDITIONS	**35,900**

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Water Resource Division
Calhoun Canal System
Operating Plan for Fiscal Year Ending 8/31/17

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 and Operations Manager-Lower Basin. 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

FY 2016 has a contracted amount of 1,000 acres for rice irrigation, resulting from two farmers. Estimated rice irrigation in FY 2017 is also estimated at 1,000 acres.

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 2017, revenue from water supplied to municipal and industrial customers is budgeted to increase from $1,106,476 to $1,132,026 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 remain at 16.5¢ per thousand gallons in FY 2017.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Significant operating expenses for FY 2017 include $21,400 in truck operating costs and $23,400 in tractor operating costs, $25,200 for stream gaging, $32,000 for electrical power to operate the Relift #1 Pump Station, $35,447 in assessments pertaining to the TCEQ South Texas Watermaster Program, and $45,000 in insurance costs. Additionally, $324,000 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 $10,560 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, $20,000 is budgeted for a replacement truck. Work authorizations include $29,000 budgeted in services for roof repairs on the re-lift pump station, $19,200 to resection approximately 2 miles of canal, and $35,000 in materials 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 $3,155.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

043 - CALHOUN CANAL

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WATER SALES & LAKE OPERATIONS:			
WATER SALES-PT. LAVACA	88,578	90,792	2,214
WATER SALES-RURAL WATER	15,182	15,552	370
WATER SALES-CARBIDE	752,716	771,535	18,819
WATER SALES-INEOS NITRILES G.L	210,108	213,259	3,151
WATER SALES-1ST CROP	104,000	123,500	19,500
WATER SALES-2ND CROP RICE	10,000	10,000	
WATER SALES-OTHER	18,000	18,000	
WATER SALES-SPRINKLER IRRIGAT	27,000	27,000	
WATER SALES-SEADRIFT COKE	23,714	24,306	592
WATER SALES-CRAWFISH FARM	9,000	9,000	
WATER SALES-PONDS & RIGS	12,100	12,100	
WATER SALES-WATERFOWL WTR	15,600	15,600	
WATER SALES-POC ID	16,178	16,582	404
WATER SALES-CATFISH FARM	8,700	8,700	
Total WATER SALES & LAKE OPERATIONS	**1,310,876**	**1,355,926**	**45,050**
RENTALS:			
BUILDING RENTAL	6,384	6,384	
Total RENTALS	**6,384**	**6,384**	
MISCELLANEOUS INCOME:			
MISCELLANEOUS REVENUES	6,000	6,000	
Total MISCELLANEOUS INCOME	**6,000**	**6,000**	
TOTAL OPERATING REVENUES	**1,323,260**	**1,368,310**	**45,050**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	20,182	19,634	(548)
SUPERVISION	51,459	46,230	(5,229)
LABOR	178,929	179,000	71
Total OPERATING SALARIES & WAGES	**250,569**	**244,864**	**(5,706)**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	1,200	1,200	
EMPLOYEE BENEFITS	142,664	145,521	2,857

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

043 - CALHOUN CANAL

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total EMPLOYEE EXPENSES & BENEFITS	**143,864**	**146,721**	**2,857**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	24,000	21,400	(2,600)
RIGHT-OF-WAY RENTALS	2,400	2,100	(300)
PUBLIC INFORMATION	2,400	2,160	(240)
DUES AND MEMBERSHIPS	720	360	(360)
PUBLICATIONS AND BOOKS	240	120	(120)
SMALL TOOLS EXPENSE	2,400	2,100	(300)
TRACTORS AND EQUIPMENT	30,000	23,400	(6,600)
UNIFORMS AND LAUNDRY	4,200	4,380	180
PROCESS/SPECIAL OPERATING	600	360	(240)
BAD DEBT EXPENSE	2,400	2,400	
GAUGING/MONITORING	38,400	25,200	(13,200)
TRAINING EXPENSES	400	660	260
SAFETY & EMERG. EXPENSES	4,320	4,200	(120)
SECURITY EXPENSE	2,760	2,760	
POWER AND UTILITIES	3,600	3,600	
PUMP STATION POWER/UTILIT	32,292	32,000	(292)
CHLORINE	600		(600)
LAB SUPPLIES & EXPENSES	600	660	60
PROFESSIONAL FEES	1,800	240	(1,560)
CONTRACT LABOR	3,600	3,600	
WATERMASTER PAYMENT	33,690	35,447	1,757
COMMUNICATIONS	6,360	6,360	
OFFICE SUPPLIES & EXPENSES	2,400	2,400	
COMPUTER SUPPLIES & SERVICE	2,400	2,880	480
BANK SERVICE FEES	200	200	
INSURANCE EXPENSE	45,000	45,000	
MISCELLANEOUS EXPENSES	4,560	4,560	
Total OPERATING SUPPLIES & SERVICES	**252,342**	**228,547**	**(23,795)**
MAINTENANCE & REPAIR			
LABOR	101,689	114,447	12,759
MATERIAL	40,320	37,704	(2,616)
SERVICES	57,000	47,160	(9,840)
Total MAINTENANCE & REPAIR	**199,009**	**199,311**	**303**
TOTAL OPERATING & MAINTENANCE	**845,784**	**819,443**	**(26,341)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

043 - CALHOUN CANAL

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	116,245	118,573	2,328
Total ADMINISTRATIVE & GENERAL	**116,245**	**118,573**	**2,328**
WATER PURCHASES/DELIVERY:			
UNION CARBIDE PUMPING	320,000	324,000	4,000
Total WATER PURCHASES/DELIVERY	**320,000**	**324,000**	**4,000**
TOTAL OPERATING EXPENSES	**1,282,029**	**1,262,015**	**(20,014)**
NET OPERATING INCOME	**41,231**	**106,295**	**65,064**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

043 - CALHOUN CANAL

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	1,323,260	1,368,310	45,050
OPERATING EXPENSES	(1,282,029)	(1,262,015)	20,014
NET OPERATING INCOME	**41,231**	**106,295**	**65,064**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON NOW ACCTS	60	60	
Total INTEREST INCOME	**60**	**60**	
TOTAL NON-OPERATING REVENUES (EXPENSES)	**60**	**60**	
CHANGE IN NET ASSETS	**41,291**	**106,355**	**65,064**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE	**41,291**	**106,355**	**65,064**
PURCHASES OF FIXED ASSETS			
AUTO & HEAVY EQUIPMENT	7,000	20,000	13,000
MISCELLANEOUS EQUIPMENT	17,000		(17,000)
Total PURCHASES OF FIXED ASSETS	**24,000**	**20,000**	**(4,000)**
WORK IN PROGRESS			
WIP-OPERATING	13,000	83,200	70,200
Total WORK IN PROGRESS	**13,000**	**83,200**	**70,200**
DEBT SERVICE			
TOTAL FUNDS APPLIED	**37,000**	**103,200**	**66,200**
NET CHANGE IN FUND BALANCE	**4,291**	**3,155**	**(1,136)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

043 - CALHOUN CANAL

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	9,433	9,906	473
STA- CLERICAL	10,749	9,728	(1,021)
Total STAFF TECHNICAL ASSISTANCE	**20,182**	**19,634**	**(548)**
SUPERVISION:			
SUPERVISION	51,459	46,230	(5,229)
Total SUPERVISION	**51,459**	**46,230**	**(5,229)**
OPERATING LABOR:			
CLERICAL	505	438	(67)
REG- OPERATING LABOR	135,337	127,003	(8,335)
CLR- OPERATING LABOR	20,398	21,131	733
REG- CHLORIDE SAMPLES LABOR	5,541	4,739	(801)
REG- SAFETY & TRAINING		4,150	4,150
OVT- OPERATING LABOR	17,149	21,539	4,390
Total OPERATING LABOR	**178,929**	**179,000**	**71**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	94,172	105,988	11,816
Total M&R-LABOR	**94,172**	**105,988**	**11,816**
M&R-OVERTIME:			
OVT/LBR- OTHER	7,517	8,459	942
Total M&R-OVERTIME	**7,517**	**8,459**	**942**
Total MAINTENANCE & REPAIR	**101,689**	**114,447**	**12,759**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**352,258**	**359,311**	**7,053**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

043 - CALHOUN CANAL

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	94,172	105,988	11,816
OVT/LBR- OTHER	7,517	8,459	942
Total LABOR	**101,689**	**114,447**	**12,759**
MATERIAL:			
M&R/MAT- CANAL METERS	480	384	(96)
M&R/MAT- CANAL CHECKS	4,800	4,800	
M&R/MAT- WATER GATES	10,560	10,560	
M&R/MAT- FENCES & GATES	1,800	1,200	(600)
M&R/MAT- CANAL CROSSINGS	3,600	7,200	3,600
M&R/MAT- BRUSH,WEED CNTRL	4,800	4,800	
M&R/MAT- OFFICE & BUILDING	840	840	
M&R/MAT- RLF. BLD/GROUNDS	720	240	(480)
M&R/MAT- RLF. INST.& ELEC	1,800	1,800	
M&R/MAT- RLF. PUMPS & MTRS	600	600	
M&R/MAT- RLF. CL2 EQUIP	1,200		(1,200)
M&R/MAT- RLF. FENCES & GTS	1,200		(1,200)
M&R/MAT- S.C. PIPELINE	600	240	(360)
M&R/MAT- SM EQUIP & TOOLS	600	600	
M&R/MAT- BRIDGES	480		(480)
M&R/MAT- UNIT 49	240	240	
M&R/MAT- UNIT 50	240	240	
M&R/MAT- UNIT 51	480	240	(240)
M&R/MAT- UNIT 52	480	480	
M&R/MAT- FLATBED TRAILER	600	480	(120)
M&R/MAT- CASE BACKHOE	1,200	840	(360)
M&R/MAT- ALL TERRAIN VHCL	600	360	(240)
M&R/MAT-SPRAYERS	720	360	(360)
M&R/MAT- BIG TRACTOR	240	240	
M&R/MAT- SCHREDDERS	720	720	
M&R/MAT- OTHER	720	240	(480)
Total MATERIAL	**40,320**	**37,704**	**(2,616)**
SERVICES:			
M&R/SER- MOW CANALS	1,200	1,200	
M&R/SER- CANAL CHECKS	3,600	3,600	
M&R/SER- CANAL LEVEES	8,400	8,400	
M&R/SER- FENCES & GATES	1,800	840	(960)
M&R/SER- CANAL CROSSINGS	3,600	3,600	
M&R/SER- BRUSH,WEED CNTRL	14,400	14,400	
M&R/SER- RADIO EQUIPMENT	720	240	(480)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

043 - CALHOUN CANAL

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/SER- PLWTP METERS	1,200	1,200	
M&R/SER- OFFICE &BUILDING	2,400	1,680	(720)
M&R/SER- RLF.BLD./GROUNDS	480	480	
M&R/SER- RLF.INST. & ELEC	480	480	
M&R/SER- RLF. PUMPS &MTRS	1,800	840	(960)
M&R/SER- INEOS N.G.L. PIPELINE	600	600	
M&R/SER- RLF. ROADS &BRID	480	240	(240)
M&R/SER- S.C. INSTRUMNTN	600	600	
M&R/SER- SCADA EQUIPMENT	1,200	840	(360)
M&R/SER- HEADQTRS GROUNDS	840	840	
M&R/SER- SHOP BLDG/POLE BA	3,600		(3,600)
M&R/SER- SM EQUIP & TOOLS	600	600	
M&R/SER- BRIDGES	480		(480)
M&R/SER- UNIT 49	240	1,200	960
M&R/SER- UNIT 50	240	840	600
M&R/SER- UNIT 51	480	480	
M&R/SER- UNIT 52	480	480	
M&R/SER- UNIT 53	1,800	1,200	(600)
M&R/SER- FLATBED TRAILER	600	120	(480)
M&R/SER- CASE BACKHOE	3,000	1,200	(1,800)
M&R/SER- ALL TERRAIN VHCL	600	480	(120)
M&R/SER- BIG TRACTOR	360	360	
M&R/SER- OTHER	720	120	(600)
Total SERVICES	**57,000**	**47,160**	**(9,840)**
TOTAL MAINTENANCE & REPAIR	**199,009**	**199,311**	**303**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

043 - CALHOUN CANAL

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - OPERATING			
CANAL REHAB-SERVICE		19,200	19,200
Total		**19,200**	**19,200**
MAIN CANAL CROSSING-SERVICE		35,000	35,000
Total		**35,000**	**35,000**
REHAB RELIFT ROOF-SERVICE	8,000	29,000	21,000
Total	**8,000**	**29,000**	**21,000**
CANAL BRIDGE CROSSING-MATL	5,000		(5,000)
Total	**5,000**		**(5,000)**
TOTAL WIP - OPERATING	**13,000**	**83,200**	**70,200**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

CALHOUN CANAL

	FY 2017 BUDGET
AUTO & HEAVY EQUIPMENT	
1/2 TON CREW CAB	20,000
Total AUTO & HEAVY EQUIPMENT	**20,000**
TOTAL CAPITAL ADDITIONS	**20,000**

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Water Resource Division
San Marcos Water Treatment Plant
Operating Plan for Fiscal Year Ending 8/31/17

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. The City on behalf of GBRA expanded the capacity of the treatment plant from 9 to 21 million gallons per day to serve customers of the I-35 pipeline. The expansion was completed midway through fiscal year 2008. 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 treated water transmission main, operating and maintaining the plant, and monitoring treated water quality to ensure it meets contractual and regulatory 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 $933,252 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 2017, these pass through reimbursements are projected to total $922,879. Revenue from other water customers is estimated to be $657,914.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The total operating costs budgeted for FY 2017 is $2,051,244. Significant costs within that budget include electrical power at $488,710, chemicals at $323,437, personnel costs at $581,528, and administrative expenses at $136,587. Power and chemical costs are based on a daily average flow of 11.6 MGD at the Plant, and 1.79 MGD at the Wells.

FUND BALANCE

The budget projects a fund balance decrease of $88,698 after withdrawing $89,000 from previously accumulated funds to facilitate the year-over-year increase in maintenance costs of $94,623 much of which relates to a clarifier rehabilitation project.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

044 - SAN MARCOS WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WATER SALES & LAKE OPERATIONS:			
ANNUAL SERVICE FEE INCOME	939,153	933,252	(5,901)
SMWTP CHARGES-KYLE	318,930	278,096	(40,834)
SMWTP CHARGES-GOFORTH WSC	105,142	194,176	89,034
SMWTP CHARGES-CITY OF BUDA	87,618	102,334	14,716
SMWTP CHARGES-MONARCH WSC	78,856	83,308	4,452
CONTRA-SMWTP CHARGES	(541,072)	(561,099)	(20,027)
Total WATER SALES & LAKE OPERATIONS	**988,627**	**1,030,067**	**41,440**
MISCELLANEOUS INCOME:			
PASS THROUGH ELEC. COSTS	379,524	379,524	
SM GRNDWTR PASS THRU ELEC COST	109,186	109,186	
PASS THROUGH CHEM COSTS	274,376	307,701	33,325
SM GRNDWTR PASS THRU CHEM COST	17,236	15,736	(1,500)
PASS THROUGH INSURANCE	41,400	41,400	
PASS THROUGH L.O.C	9,393	9,332	(61)
PASS THROUGH INSPECTION FEES	50,000	60,000	10,000
MISCELLANEOUS REVENUES	269,270	349,714	80,444
Total MISCELLANEOUS INCOME	**1,150,385**	**1,272,593**	**122,208**
TOTAL OPERATING REVENUES	**2,139,012**	**2,302,660**	**163,648**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	21,457	24,800	3,343
SUPERVISION	86,385	91,333	4,948
LABOR	217,486	217,657	172
Total OPERATING SALARIES & WAGES	**325,327**	**333,790**	**8,463**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	3,000	1,000	(2,000)
EMPLOYEE BENEFITS	159,170	167,629	8,459
Total EMPLOYEE EXPENSES & BENEFITS	**162,170**	**168,629**	**6,459**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	8,500	8,500	
PUBLIC INFORMATION	650	650	
DUES AND MEMBERSHIPS	1,000	1,000	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

044 - SAN MARCOS WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
PUBLICATIONS AND BOOKS	600	600	
SMALL TOOLS EXPENSE	1,600	1,600	
TRACTORS AND EQUIPMENT	1,000	1,000	
UNIFORMS AND LAUNDRY	3,285	4,000	715
PROCESS/SPECIAL OPERATING	13,500	13,500	
BIOSOLIDS DISPOSAL COSTS	30,000	30,000	
TRAINING EXPENSES	4,000	4,000	
SAFETY & EMERG. EXPENSES	1,500	1,500	
POWER AND UTILITIES	379,524	379,524	
SM GROUNDWATER POWER/UTILITIES	109,186	109,186	
OPERATING CHEMICALS	10,000	10,000	
CHLORINE	37,644	57,595	19,951
CHLORINE SM GROUNDWATER	15,736	15,736	
FLOURIDE SM GROUNDWATER	1,500		(1,500)
ALUM/FERRIC	129,655	162,980	33,325
POLYMER A	8,767	8,767	
FLUOSILICIC ACID	39,902		(39,902)
FERROUS CHLORIDE	1,200	1,200	
SODIUM CHLORITE	47,208	67,159	19,951
LAB SUPPLIES & EXPENSES	13,500	21,900	8,400
PROFESSIONAL FEES	7,000	7,000	
INSPECTION FEES	50,000	60,000	10,000
COMMUNICATIONS	4,440	4,440	
OFFICE SUPPLIES & EXPENSES	2,940	2,940	
COMPUTER SUPPLIES & SERVICE	3,900	3,900	
SM LETTER OF CREDIT	9,393	9,332	(61)
INSURANCE EXPENSE	41,400	41,400	
MISCELLANEOUS EXPENSES	2,000	2,000	
Total OPERATING SUPPLIES & SERVICES	**980,530**	**1,031,409**	**50,879**
MAINTENANCE & REPAIR			
LABOR	67,686	80,109	12,423
MATERIAL	99,496	141,996	42,500
SERVICES	119,024	158,724	39,700
Total MAINTENANCE & REPAIR	**286,206**	**380,829**	**94,623**
TOTAL OPERATING & MAINTENANCE	**1,754,233**	**1,914,657**	**160,424**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	129,695	136,587	6,892

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

044 - SAN MARCOS WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total ADMINISTRATIVE & GENERAL	**129,695**	**136,587**	**6,892**
TOTAL OPERATING EXPENSES	**1,883,928**	**2,051,244**	**167,316**
NET OPERATING INCOME	**255,084**	**251,416**	**(3,668)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

044 - SAN MARCOS WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	2,139,012	2,302,660	163,648
OPERATING EXPENSES	(1,883,928)	(2,051,244)	(167,316)
NET OPERATING INCOME	**255,084**	**251,416**	**(3,668)**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON SAN MARCOS OPR FUND	7,800	9,600	1,800
Total INTEREST INCOME	**7,800**	**9,600**	**1,800**
TOTAL NON-OPERATING REVENUES (EXPENSES)	**7,800**	**9,600**	**1,800**
CHANGE IN NET ASSETS	**262,884**	**261,016**	**(1,868)**
CHANGE IN RESTRICTED FUNDS:			
SOURCE CHANGE-RESTRICTD FUNDS	31,500	89,000	57,500
Total CHANGE IN RESTRICTED FUNDS	**31,500**	**89,000**	**57,500**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE	**294,384**	**350,016**	**55,632**
PURCHASES OF FIXED ASSETS			
AUTO & HEAVY EQUIPMENT	25,000		(25,000)
MISCELLANEOUS EQUIPMENT		349,714	349,714
Total PURCHASES OF FIXED ASSETS	**25,000**	**349,714**	**324,714**
WORK IN PROGRESS			
WIP-OPERATING	269,270		(269,270)
Total WORK IN PROGRESS	**269,270**		**(269,270)**
DEBT SERVICE			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

044 - SAN MARCOS WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
TOTAL FUNDS APPLIED	**294,270**	**349,714**	**55,444**
NET CHANGE IN FUND BALANCE	**114**	**302**	**188**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

044 - SAN MARCOS WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	9,646	13,428	3,782
STA- CLERICAL	11,811	11,373	(438)
Total STAFF TECHNICAL ASSISTANCE	**21,457**	**24,800**	**3,343**
SUPERVISION:			
SUPERVISION	52,281	54,812	2,532
SUP- SAFETY & TRAINING	1,437	1,488	50
SUP- GROUND WATER SYSTEM	32,666	35,032	2,366
Total SUPERVISION	**86,385**	**91,333**	**4,948**
OPERATING LABOR:			
CLERICAL	664	602	(62)
REG- OPERATING LABOR	127,811	124,994	(2,817)
REG- MISC LABOR	406	338	(68)
REG- SAFETY & TRAINING	5,319	5,358	39
REG- GROUND WATER SYSTEM	36,159	37,499	1,341
OVT- OPERATING LABOR	30,265	31,346	1,081
OVT- SAFETY & TRAINING LBR	6,883	7,470	587
REG- WORKING HOLIDAY LABOR	8,532	8,634	103
REG- WORK.HOL. LBR-GRND WATER	1,447	1,416	(31)
Total OPERATING LABOR	**217,486**	**217,657**	**172**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- GROUND WATER SYSTEM	11,985	13,212	1,227
REG/LBR- OTHER	51,086	61,244	10,158
Total M&R-LABOR	**63,071**	**74,456**	**11,385**
M&R-OVERTIME:			
OVT/LBR- GROUND WATER SYSTEM	530	910	380
OVT/LBR- OTHER	4,085	4,743	658
Total M&R-OVERTIME	**4,615**	**5,653**	**1,038**
Total MAINTENANCE & REPAIR	**67,686**	**80,109**	**12,423**
WORK IN PROGRESS			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

044 - SAN MARCOS WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**393,013**	**413,899**	**20,886**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

044 - SAN MARCOS WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- GROUND WATER SYSTEM	11,985	13,212	1,227
REG/LBR- OTHER	51,086	61,244	10,158
OVT/LBR- GROUND WATER SYSTEM	530	910	380
OVT/LBR- OTHER	4,085	4,743	658
Total LABOR	**67,686**	**80,109**	**12,423**
MATERIAL:			
M&R/MAT- GROUNDS	720	720	
M&R/MAT- BUILDING	1,200	2,400	1,200
M&R/MAT- CHEMICAL FEED SY	3,600	3,600	
M&R/MAT- CLARIFIER	1,200	40,000	38,800
M&R/MAT- FILTERS	28,356	28,356	
M&R/MAT- CLEARWELL	1,200	1,200	
M&R/MAT- HI SERV. PUMP STA	19,500	19,500	
M&R/MAT- PONDS & LAGOONS	200	200	
M&R/MAT- ELEC./INSTRUMNTS	22,620	22,620	
M&R/MAT- COMPRESS.AIR SYS.	2,000	3,500	1,500
M&R/MAT- TRUCK	1,000	1,000	
M&R/MAT- TOOLS & EQUIP.	420	420	
M&R/MAT- ROADS		1,000	1,000
M&R/MAT- HIGH SERV. METER	4,600	4,600	
M&R/MAT- OAKRIDGE FILTERS-GW	1,200	1,200	
M&R/MAT-PUMPS & MOTORS-GW	5,000	5,000	
M&R/MAT- GENERAL MAINT-GW	2,000	2,000	
M&R/MAT- CHEM FEED SYSTMS-GW	3,500	3,500	
M&R/MAT- AUX GENERATOR	1,000	1,000	
M&R/MAT- OTHER	180	180	
Total MATERIAL	**99,496**	**141,996**	**42,500**
SERVICES:			
M&R/SER- GROUNDS	32,000	32,000	
M&R/SER- BUILDING	1,200	2,400	1,200
M&R/SER- CHEMICAL FEED SY	1,200	1,200	
M&R/SER- CLARIFIER	1,580	40,000	38,420
M&R/SER- FILTERS	52,678	52,678	
M&R/SER- CLEARWELL	1,700	1,700	
M&R/SER- HI SERV. PUMP STA	9,000	9,000	
M&R/SER- PONDS & LAGOONS	500	500	
M&R/SER- ELEC./INSTRUMNTS	2,820	3,000	180
M&R/SER- COMPRESS.AIR SYS.	2,000	3,000	1,000
M&R/SER- TRUCK	860	860	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

044 - SAN MARCOS WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/SER- TOOLS & EQUIP.	1,000	1,000	
M&R/SER- ROADS	1,100		(1,100)
M&R/SER- HIGH SERV. METER	1,200	1,200	
M&R/SER- OAKRIDGE FILTERS-GW	180	180	
M&R/SER- PUMPS & MOTORS-GW	3,500	3,500	
M&R/SER- GENERAL MAINT-GW	450	450	
M&R/SER- CHEM FEED SYSTMS-GW	180	180	
M&R/SER- AUX GENERATOR	5,000	5,000	
M&R/SER- GEN. OFFICE BLDG	276	276	
M&R/SER- OTHER	600	600	
Total SERVICES	**119,024**	**158,724**	**39,700**
TOTAL MAINTENANCE & REPAIR	**286,206**	**380,829**	**94,623**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

044 - SAN MARCOS WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - OPERATING			
AUTOMATIC TRANSFER SWITCH-SERV	93,655		(93,655)
AUTOMATIC TRANSFER SWITCH-MATL	175,615		(175,615)
Total	**269,270**		**(269,270)**
TOTAL WIP - OPERATING	**269,270**		**(269,270)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

SAN MARCOS WTP

	FY 2017 BUDGET
MISCELLANEOUS EQUIPMENT	
CHLORINE DIOXIDE GENERATOR	349,714
Total MISCELLANEOUS EQUIPMENT	**349,714**
TOTAL CAPITAL ADDITIONS	**349,714**

Water Resource Division
Buda Wastewater Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/17

BACKGROUND

The following Work Plan and Budget for the Buda Wastewater Treatment Plant is based on the treatment of an average sewage flow of 474.5 million gallons per year or 1.30 million gallons per day (MGD). The plant was expanded during Fiscal Year 2012 with current treatment capacity of 1.5 MGD.

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. Management of the plant is performed by personnel located in GBRA's Seguin office.

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 2017 budget is based upon a 12-month fiscal year ending August 31, 2017. 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 474,500,000 gallons compared to a FY 2016 budgeted flow of 392,400,000 gallons. This approximately 21% 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 2017 revenue for the Buda Division is $676,429, which is $68,051 or 11.2% more than last year's budget.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The combined capital additions and operating expenditure budget for FY 2017 amounts to $676,429 which is $68,051 or 11.2% more than FY 2016. Major expenses include power and utility costs of $115,000, biosolids disposal costs of $77,000, and chemical costs of $93,200. Also, lab supplies and expenses are estimated at $36,000.

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 2017 is $60.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

045 - BUDA WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WASTEWATER SERVICES:			
PLANT O & M EXPENSES	569,792	630,576	60,784
ADMINISTRATIVE & GENERAL	38,585	40,853	2,268
ADDS. TO PLANT AND EQUIP.		5,000	5,000
Total WASTEWATER SERVICES	**608,378**	**676,429**	**68,051**
TOTAL OPERATING REVENUES	**608,378**	**676,429**	**68,051**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	6,123	6,685	562
SUPERVISION	17,824	17,486	(338)
LABOR	49,527	55,717	6,190
Total OPERATING SALARIES & WAGES	**73,474**	**79,887**	**6,414**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	1,000	1,200	200
EMPLOYEE BENEFITS	47,355	50,138	2,783
Total EMPLOYEE EXPENSES & BENEFITS	**48,355**	**51,338**	**2,983**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	7,000	7,000	
DUES AND MEMBERSHIPS	160	180	20
PUBLICATIONS AND BOOKS	120	120	
SMALL TOOLS EXPENSE	600	600	
TRACTORS AND EQUIPMENT	600	800	200
UNIFORMS AND LAUNDRY	1,500	1,500	
BIOSOLIDS DISPOSAL COSTS	65,000	77,000	12,000
TRAINING EXPENSES	1,200	1,300	100
SAFETY & EMERG. EXPENSES	2,500	2,500	
POWER AND UTILITIES	112,000	115,000	3,000
AUXILLARY POWER EXPENSE	1,800	2,400	600
OPERATING CHEMICALS	2,100	2,200	100
CHLORINE	7,500	12,000	4,500
ALUM	40,000	42,000	2,000
POLYMER	12,000	15,000	3,000
SODIUM BISULFATE	16,800	22,000	5,200
LAB SUPPLIES & EXPENSES	30,000	36,000	6,000
PROFESSIONAL FEES	5,100	6,600	1,500

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

045 - BUDA WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
INSPECTION FEES	8,400	12,000	3,600
COMMUNICATIONS	4,800	4,800	
OFFICE SUPPLIES & EXPENSES	1,200	1,200	
COMPUTER SUPPLIES & SERVICE	4,500	4,500	
INSURANCE EXPENSE	7,200	7,200	
MISCELLANEOUS EXPENSES	600	600	
Total OPERATING SUPPLIES & SERVICES	**332,680**	**374,500**	**41,820**
MAINTENANCE & REPAIR			
LABOR	43,452	43,910	458
MATERIAL	38,890	40,780	1,890
SERVICES	32,942	40,160	7,218
Total MAINTENANCE & REPAIR	**115,284**	**124,850**	**9,566**
TOTAL OPERATING & MAINTENANCE	**569,792**	**630,576**	**60,784**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	38,585	40,853	2,268
Total ADMINISTRATIVE & GENERAL	**38,585**	**40,853**	**2,268**
TOTAL OPERATING EXPENSES	**608,378**	**671,429**	**63,051**
NET OPERATING INCOME	**()**	**5,000**	**5,000**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

045 - BUDA WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	608,378	676,429	68,051
OPERATING EXPENSES	(608,378)	(671,429)	(63,051)
NET OPERATING INCOME	**()**	**5,000**	**5,000**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON OPERATING FUNDS	12	60	48
Total INTEREST INCOME	**12**	**60**	**48**
TOTAL NON-OPERATING REVENUES (EXPENSES)	**12**	**60**	**48**
CHANGE IN NET ASSETS	**12**	**5,060**	**5,048**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE	**12**	**5,060**	**5,048**
PURCHASES OF FIXED ASSETS			
AUTO & HEAVY EQUIPMENT		5,000	5,000
Total PURCHASES OF FIXED ASSETS		**5,000**	**5,000**
WORK IN PROGRESS			
DEBT SERVICE			
TOTAL FUNDS APPLIED		**5,000**	**5,000**
NET CHANGE IN FUND BALANCE	**12**	**60**	**48**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

045 - BUDA WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA - SUPERVISION	2,671	3,749	1,078
STA - CLERICAL	3,452	2,936	(516)
Total STAFF TECHNICAL ASSISTANCE	**6,123**	**6,685**	**562**
SUPERVISION:			
SUPERVISION	17,824	17,486	(338)
Total SUPERVISION	**17,824**	**17,486**	**(338)**
OPERATING LABOR:			
CLERICAL	664	492	(172)
REG- OPERATING LABOR	38,585	39,808	1,223
REG- MISC LABOR	945	1,573	629
REG- SAFETY & TRAINING	1,280	4,371	3,091
OVT- OPERATING LABOR	6,345	7,478	1,133
REG- WORKING HOLIDAY LABOR	1,708	1,994	286
Total OPERATING LABOR	**49,527**	**55,717**	**6,190**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	43,452	43,910	458
Total M&R-LABOR	**43,452**	**43,910**	**458**
Total MAINTENANCE & REPAIR	**43,452**	**43,910**	**458**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**116,926**	**123,798**	**6,872**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

045 - BUDA WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	43,452	43,910	458
Total LABOR	**43,452**	**43,910**	**458**
MATERIAL:			
M&R/MAT- PUMPS	8,500	8,500	
M&R/MAT- RAW STRUCTURE	2,500	2,500	
M&R/MAT- METERS	850	850	
M&R/MAT- GATES/VALVES	1,000	6,000	5,000
M&R/MAT- INSTRUMENTS/ELECTRICA	5,000	5,000	
M&R/MAT- DIGESTERS	240	240	
M&R/MAT- THICKENER	240	240	
M&R/MAT- AERATION BASINS	480	480	
M&R/MAT- CLARIFIERS	3,000	3,000	
M&R/MAT- CHEM FEED SYSTEMS	3,000	3,000	
M&R/MAT- BIOSOLIDS HANDLING	480	480	
M&R/MAT- NON POT WTR SYSTEM	960	2,200	1,240
M&R/MAT- GROUNDSKEEPING	360	360	
M&R/MAT- TRUCKS	600	500	(100)
M&R/MAT- MOTORS	2,500	2,200	(300)
M&R/MAT- BUILDING	1,200	600	(600)
M&R/MAT- TOOLS & EQUIP.	6,000	2,200	(3,800)
M&R/MAT- TRACTORS	240	1,200	960
M&R/MAT- FILTERS	960	350	(610)
M&R/MAT- AUX GENERATOR	300	400	100
M&R/MAT- OTHER	480	480	
Total MATERIAL	**38,890**	**40,780**	**1,890**
SERVICES:			
M&R/SER- PUMPS	3,000	3,000	
M&R/SER- RAW STRUCTURE	1,200	1,300	100
M&R/SER- METERS	720	1,200	480
M&R/SER- GATES/VALVES	450	3,200	2,750
M&R/SER- INSTRUMENTS/ELECTRICA	5,200	5,200	
M&R/SER- DIGESTERS	1,900	1,500	(400)
M&R/SER- THICKENER	240	240	
M&R/SER- AERATION BASINS	240	240	
M&R/SER- CLARIFIERS	1,000	1,000	
M&R/SER- CHEM FEED SYSTEMS	2,700	2,700	
M&R/SER- BIOSOLIDS HANDLING	2,640	2,640	
M&R/SER- NON POT. WTR SYSTEM	960	2,500	1,540
M&R/SER- GROUNDSKEEPING	120	4,500	4,380

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

045 - BUDA WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/SER- TRUCKS	600	500	(100)
M&R/SER- MOTORS	3,000	3,000	
M&R/SER- BUILDING	120	120	
M&R/SER- TOOLS & EQUIP.	3,800	2,400	(1,400)
M&R/SER- TRACTORS	240	600	360
M&R/SER- FILTERS	600	300	(300)
M&R/SER- AUX GENERATOR	3,300	3,300	
M&R/SER- GEN. OFFICE BLDG	432	240	(192)
M&R/SER- OTHER	480	480	
Total SERVICES	**32,942**	**40,160**	**7,218**
TOTAL MAINTENANCE & REPAIR	**115,284**	**124,850**	**9,566**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

BUDA WWTP

	FY 2017 BUDGET
AUTO & HEAVY EQUIPMENT	
IN PLANT VEHICLE	5,000
Total AUTO & HEAVY EQUIPMENT	**5,000**
TOTAL CAPITAL ADDITIONS	**5,000**

The systems within this division are independent systems. The inclusion of the following Division level consolidation pages is for information purposes only.

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WATER SALES & LAKE OPERATIONS:			
ANNUAL SERVICE FEE INCOME	1,835,231	1,872,544	37,313
WATER SALES-RURAL WATER	163,224	171,110	7,887
WATER SALES-CARBIDE	833,466	834,890	1,424
WATER SALES-INEOS NITRILES G.L	219,933	223,582	3,650
WATER SALES-ISP TECH,INC.	134,583	141,417	6,833
W/S GONZALES COUNTY WSC	47,104	49,496	2,392
WATER SALES-1ST CROP	104,000	123,500	19,500
WATER SALES-2ND CROP RICE	10,000	10,000	
WATER SALES-OTHER	18,000	18,000	
WATER SALES-SPRINKLER IRRIGAT	27,000	27,000	
WATER SALES-SEADRIFT COKE	407,277	427,344	20,067
WATER SALES-CRAWFISH FARM	9,000	9,000	
WATER SALES-PONDS & RIGS	29,596	30,484	888
WATER SALES-WATERFOWL WTR	289,881	303,807	13,926
WATER SALES-POC ID	16,178	16,582	404
WATER SALES-CATFISH FARM	53,651	55,933	2,282
W/S UNION CARBIDE	13,458	14,142	683
WATER SALES-EXELON	34,723	36,486	1,763
W/S STRUCTURAL METALS	94,208	98,992	4,783
W/S NEW BRAUNFELS UTIL.	1,308,150	1,374,570	66,420
W/S CRYSTAL CLEAR WSC	107,667	113,133	5,467
W/S GOLF CLUB OF SEGUIN	3,365		(3,365)
W/S CANYON REGIONAL W.A.	1,608,578	1,680,841	72,262
W/S CANYON LAKE W.S.C.	861,333	905,067	43,733
W/S CITY OF SAN MARCOS	1,345,833	1,414,167	68,333
W/S GUADALUPE POWER,L.P.	920,550	967,290	46,740
W/S CITY OF KYLE	732,537	769,731	37,194
W/S GO FORTH WSC	134,583	141,417	6,833
W/S CITY OF BUDA WTC	331,613	348,451	16,837
W/S CITY OF FAIR OAKS	248,979	261,621	12,642
W/S SAN ANTONIO WTR. SYS.	950,084	991,084	41,000
W/S CITY OF BOERNE	485,980	510,656	24,675
W/S GBRA - COMAL TRACE	6,729	7,071	342
W/S SAN JOSE-PARK VILLAGE	43,336	45,536	2,200
W/S JACQUELYN COUSER	13,458	14,142	683
W/S BREMER RANCH, LTD	13,458	14,142	683
W/S CITY OF BLANCO	80,750	84,850	4,100
W/S FORESIGHT	39,029	41,011	1,982
W/S CORDILLERA RANCH, LTD.	201,875	212,125	10,250
W/S KENDALL CUC/TAPATIO SPRGS	100,938	106,063	5,125
W/S CITY OF BUDA	226,100	237,580	11,480
W/S D.H.INV-JOHNSON RANCH	121,125	127,275	6,150
W/S GOFORTH WSC	192,993	202,792	9,799
W/S H H RANCH PROPERTIES	33,646	35,354	1,708

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
W/S SUNFIELD	370,373	389,179	18,805
W/S MONARCH UTILITIES, LP	75,367	79,193	3,827
W/S LERIN DEVELOPMENT CO. INC	100,938	106,063	5,125
SMWTP CHARGES-KYLE	318,930	278,096	(40,834)
SMWTP CHARGES-GOFORTH WSC	105,142	194,176	89,034
SMWTP CHARGES-CITY OF BUDA	87,618	102,334	14,716
SMWTP CHARGES-MONARCH WSC	78,856	83,308	4,452
O&M RRWDS PIPELINE TRANSM.	916,499	1,280,090	363,591
O&M GPP PIPELINE TRANSM.	478,234	531,009	52,775
O&M IH35 P/L TRNSM-KYLE	203,940	160,946	(42,994)
O&M IH35 P/L TRNSM-GOFORTH	67,232	112,377	45,145
O&M-IH35 TWDS-BUDA	56,028	59,225	3,197
O&M IH35 P/L TRNSM-MONARCH	50,424	48,214	(2,210)
W/S OTHER SMALL SALES	55,156	112,380	57,224
DEBT SERV REQ-INTEREST	166,066	166,377	311
DEBT SERV REQ-RRWDS PIPELINE	1,660,660	1,663,769	3,109
DEBT SERV REQ-WESTERN CANYON	5,322,716	5,320,519	(2,197)
DEBT SERV REQ-IH35	1,320,999	1,312,461	(8,538)
CONTRA-SMWTP CHARGES	(541,072)	(561,099)	(20,027)
Total WATER SALES & LAKE OPERATIONS	**25,347,308**	**26,508,890**	**1,161,582**
RECREATION & LAND USE:			
G. V. RECREATION REVENUE	28,000	28,000	
LAKEWOOD REC. REVENUE	117,309	107,000	(10,309)
Total RECREATION & LAND USE	**145,309**	**135,000**	**(10,309)**
WASTEWATER SERVICES:			
PLANT O & M EXPENSES	569,792	630,576	60,784
ADMINISTRATIVE & GENERAL	38,585	40,853	2,268
ADDS. TO PLANT AND EQUIP.		5,000	5,000
Total WASTEWATER SERVICES	**608,378**	**676,429**	**68,051**
LABORATORY SERVICES:			
LAB FEES - OPERATING	890,000	930,000	40,000
Total LABORATORY SERVICES	**890,000**	**930,000**	**40,000**
RENTALS:			
BUILDING RENTAL	24,944	6,384	(18,560)
OFFICE EXPAN. BLDG RENTAL	191,920	190,416	(1,504)

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total RENTALS	**216,864**	**196,800**	**(20,064)**
MISCELLANEOUS INCOME:			
PASS THROUGH ELEC. COSTS	379,524	379,524	
SM GRNDWTR PASS THRU ELEC COST	109,186	109,186	
PASS THROUGH CHEM COSTS	274,376	307,701	33,325
SM GRNDWTR PASS THRU CHEM COST	17,236	15,736	(1,500)
PASS THROUGH INSURANCE	41,400	41,400	
PASS THROUGH L.O.C	9,393	9,332	(61)
PASS THROUGH INSPECTION FEES	50,000	60,000	10,000
MISCELLANEOUS REVENUES	315,270	384,714	69,444
Total MISCELLANEOUS INCOME	**1,196,385**	**1,307,593**	**111,208**
TOTAL OPERATING REVENUES	**28,404,243**	**29,754,712**	**1,350,468**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	1,367,638	1,597,116	229,478
SUPERVISION	1,262,430	1,226,006	(36,425)
LABOR	1,117,447	1,263,330	145,884
Total OPERATING SALARIES & WAGES	**3,747,515**	**4,086,452**	**338,937**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	68,950	67,425	(1,525)
TRAVEL-LEGIS.ADVOCACY		100	100
TRAVEL - WATER QUALITY	3,000	3,000	
TRAVEL EXP - NWRA	15,000	15,000	
TRAVEL EXP - TWCA	15,000	19,000	4,000
TRAVEL-SAMPLE PICKUP	1,500	3,000	1,500
EMPLOYEE BENEFITS	1,671,854	1,893,133	221,279
Total EMPLOYEE EXPENSES & BENEFITS	**1,775,304**	**2,000,658**	**225,354**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	48,500	47,900	(600)
AUTO OPERATING EXPENSES	1,000	1,000	
RIGHT-OF-WAY RENTALS	2,400	2,100	(300)
OFFICE RENTAL & EXPENSES	25,000	25,000	
SAN ANTONIO BAY FOUNDATION EXP	75,000	25,000	(50,000)
GUADALUPE RIVER FOUNDATION EXP	5,000	3,000	(2,000)
ECONOMIC DEVELOPMENT	70,000	75,000	5,000
GBR TRUST EXPENSE	74,000	40,000	(34,000)
PUBLIC INFORMATION	6,550	8,810	2,260

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
GOVERNMENT RELATIONS	5,000	5,000	
CHAMBER OF COMMERCE	35,000	35,000	
PC-MEDIA EXPENSES	3,000	3,000	
PC-ED/CONSV PROJ.MATERIAL	30,000	35,000	5,000
PC-COMMUNITY REL/SPONSORS	15,000	15,000	
PC-SPECIAL PROJECTS	20,000	20,000	
PC-RIVER RUN MAGAZINE	20,000	15,000	(5,000)
PC-PECAN FEST	7,500	8,500	1,000
DUES AND MEMBERSHIPS	20,880	19,540	(1,340)
PUBLICATIONS AND BOOKS	3,060	3,640	580
SMALL TOOLS EXPENSE	4,850	4,550	(300)
TRACTORS AND EQUIPMENT	31,600	29,200	(2,400)
UNIFORMS AND LAUNDRY	14,185	15,380	1,195
PROCESS/SPECIAL OPERATING	224,100	163,860	(60,240)
BIOSOLIDS DISPOSAL COSTS	95,000	107,000	12,000
OUTSOURCED LAB ANALYSES	50,000	30,000	(20,000)
BAD DEBT EXPENSE	2,700	2,900	200
GAUGING/MONITORING	203,400	219,200	15,800
TRAINING EXPENSES	42,100	44,960	2,860
LAB EMPLOYEE RETENTION EXPENSE	1,000	1,000	
SAFETY & EMERG. EXPENSES	11,320	10,700	(620)
SAFETY BOOTS & GLASSES		1,500	1,500
SECURITY EXPENSE	8,760	6,260	(2,500)
POWER AND UTILITIES	516,624	518,664	2,040
PUMP STATION POWER/UTILIT	32,292	32,000	(292)
POWER/UTIL-RRWDS PUMP STATION	530,000	705,000	175,000
POWER/UTIL-GPP PIPELINE	151,500	158,000	6,500
POWER/UTIL-IH35 PIPELINE	220,000	220,000	
AUXILLARY POWER EXPENSE	1,800	2,400	600
SM GROUNDWATER POWER/UTILITIES	109,186	109,186	
OPERATING CHEMICALS	12,100	12,200	100
CHLORINE	45,744	69,595	23,851
CHLORINE SM GROUNDWATER	15,736	15,736	
FLOURIDE SM GROUNDWATER	1,500		(1,500)
ALUM	169,655	204,980	35,325
POLYMER	20,767	23,767	3,000
SODIUM BISULFATE	16,800	22,000	5,200
FLUOSILICIC ACID	39,902		(39,902)
FERROUS CHLORIDE	1,200	1,200	
SODIUM CHLORITE	47,208	67,159	19,951
LAB SUPPLIES & EXPENSES	74,100	88,560	14,460
WATER CONDITIONING	6,800	6,800	
FREIGHT EXPENSES	10,000	12,000	2,000
APPARATUS EXPENSES	6,000	5,000	(1,000)
CHEMICAL EXPENSES	115,000	130,000	15,000
GAS CYLINDERS EXPENSES	5,000	4,000	(1,000)
PT EXPENSES	5,500	5,500	

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
HAZ. WASTE DISPOSAL EXPENSES	6,000	7,000	1,000
NELAP - ACCREDIATION FEES	3,000	3,000	
NELAP - PROFESSIONAL SERVICES	5,000	5,000	
PROFESSIONAL FEES	492,150	434,475	(57,675)
PROF. FEES-LEGIS. ADVOC.	135,300	32,400	(102,900)
PROF.FEES-PUBLIC COMMUNICATION	114,000		(114,000)
CONTRACT LABOR	9,600	18,600	9,000
REGIONAL RWDS PROJECT EXPS.	49,490	51,435	1,945
MISC. PROJECT DEVELOPMENT	20,000		(20,000)
MOBILE PRESS EXPS.	2,400	2,400	
IH35 PIPELINE EXPS.	25,800	25,800	
GPP PIPELINE EXPS.	18,900	19,350	450
G. V. RECREATION EXPS.	15,000	12,500	(2,500)
LAKEWOOD RECREATION EXPS.	79,115	54,052	(25,063)
COMAL CO. ALERT EXPS.	3,000	3,000	
KENDALL CO. ALERT EXPS.	3,000	3,000	
KERR CO. ALERT SYS. EXPS.	3,000	3,000	
INSPECTION FEES	58,400	72,000	13,600
SB. 818 ASSESSMENT	41,000	41,000	
WATERMASTER PAYMENT	153,690	155,447	1,757
COMMUNICATIONS	39,900	43,600	3,700
OFFICE SUPPLIES & EXPENSES	31,040	30,040	(1,000)
COMPUTER SUPPLIES & SERVICE	32,050	37,580	5,530
REPRODUCTION/DUPLICATING	17,000	17,500	500
COMPUTER-LIMS EXPENSE	5,000	10,000	5,000
BANK SERVICE FEES	10,700	19,050	8,350
SM LETTER OF CREDIT	9,393	9,332	(61)
INSURANCE EXPENSE	206,000	202,900	(3,100)
MISCELLANEOUS EXPENSES	19,160	24,160	5,000
Total OPERATING SUPPLIES & SERVICES	**4,918,407**	**4,775,368**	**(143,039)**
MAINTENANCE & REPAIR			
LABOR	527,522	587,951	60,429
MATERIAL	364,726	434,912	70,186
SERVICES	998,324	1,233,316	234,992
Total MAINTENANCE & REPAIR	**1,890,572**	**2,256,179**	**365,607**
TOTAL OPERATING & MAINTENANCE	**12,331,797**	**13,118,657**	**786,860**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	1,362,252	1,542,554	180,302

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total ADMINISTRATIVE & GENERAL	**1,362,252**	**1,542,554**	**180,302**
WATER PURCHASES/DELIVERY:			
INTERDIVISION WATER PURCH	320,000	324,000	4,000
Total WATER PURCHASES/DELIVERY	**320,000**	**324,000**	**4,000**
PROJECT WRITE OFFS TO OPR EXP:			
WIP WRITE-OFF	2,175,996		(2,175,996)
Total PROJECT WRITE OFFS TO OPR EXP	**2,175,996**		**(2,175,996)**
TOTAL OPERATING EXPENSES	**16,190,045**	**14,985,211**	**(1,204,835)**
NET OPERATING INCOME	**12,214,198**	**14,769,501**	**2,555,303**

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	28,404,243	29,754,712	1,350,468
OPERATING EXPENSES	(16,190,045)	(14,985,211)	1,204,835
NET OPERATING INCOME	**12,214,198**	**14,769,501**	**2,555,303**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON OPERATING FUNDS	39,012	111,660	72,648
INT ON NOW ACCTS	660	720	60
INT: I&S FUND,SAN MARCOS BOND	300	300	
INT: I&S FUND,OFFICE EXP BOND	120	120	
INT: I&S FUND,WEST CANYON BOND	1,200	1,200	
INT: I&S FUND,IH 35 BONDS	240	720	480
INT: RESERVE FUND,IH35 BONDS	6,000	7,800	1,800
INT: W.CANYON RATE STABILIZ.	12,000	18,000	6,000
INT: MID-BASIN RESERVE (WIF)	480	3,600	3,120
INT: MID-BASIN I&S	48	48	
Total INTEREST INCOME	**60,060**	**144,168**	**84,108**
CAPITAL CONTRIBUTIONS:			
GOVERNMENT GRANTS & STATE FUND	3,786,000	708,600	(3,077,400)
CLEAN RIVERS PROGRAM FUNDS	135,378	135,378	
ENVIRONMENTAL PROGRAM FUNDS	477,648	387,992	(89,656)
TX DoT PROGRAM FUNDS		1,280,000	1,280,000
FLOOD DEBRIS/LOG JAM GRANTS		2,209,084	2,209,084
CONTRIBUTED BY CUSTOMERS		475,000	475,000
Total CAPITAL CONTRIBUTIONS	**4,399,026**	**5,196,054**	**797,028**
INTEREST & BANK FEES:			
INT ON REVENUE BONDS	(73,476)	(67,584)	5,892
INT- 2011 REFUNDING BONDS	(332,135)	(317,397)	14,738
INTEREST ON SOHIO BONDS	(135,264)	(126,069)	9,195
INT- REG RWDS EXPAN-2007 BONDS	(783,732)	(767,712)	16,020
INT ON WTR RIGHTS LOAN	(30,732)	(29,388)	1,344
INT ON OFFICE EXPAN LOANS	(1,672)		1,672
INT ON MID BASIN PROJECT BONDS	(37,608)	(37,608)	
INT ON WSTRN CANYON BONDS	(2,625,499)	(2,560,169)	65,330
INT ON IH 35 BONDS	(640,486)	(626,483)	14,003
INT ON NEW EQUIP LOAN		(20,256)	(20,256)
Total INTEREST & BANK FEES	**(4,660,604)**	**(4,552,666)**	**107,938**
TOTAL NON-OPERATING REVENUES (EXPENSES)	**(201,518)**	**787,556**	**989,074**

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
CHANGE IN NET ASSETS	**12,012,680**	**15,557,057**	**3,544,377**
CHANGE IN RESTRICTED FUNDS:			
SOURCE CHANGE-RESTRICTD FUNDS	443,500	1,159,000	715,500
Total CHANGE IN RESTRICTED FUNDS	**443,500**	**1,159,000**	**715,500**
DEBT CAPITAL			
BOND REC.-GROUNDWATER LEASES		28,000,000	28,000,000
LEASE-PURCHASE RECEIVABLE	58,000		(58,000)
NEW EQUIP LOAN REC.	405,000		(405,000)
Total DEBT CAPITAL	**463,000**	**28,000,000**	**27,537,000**
TOTAL FUNDS AVAILABLE	**12,919,180**	**44,716,057**	**31,796,877**
PURCHASES OF FIXED ASSETS			
WATER RIGHTS		29,229,000	29,229,000
SPECIALIZED OPER. EQUIPMENT	67,000	44,900	(22,100)
AUTO & HEAVY EQUIPMENT	82,000	25,000	(57,000)
OFFICE FURN & EQUIPMENT	38,143	5,000	(33,143)
MISCELLANEOUS EQUIPMENT	391,500	349,714	(41,786)
Total PURCHASES OF FIXED ASSETS	**578,643**	**29,653,614**	**29,074,971**
WORK IN PROGRESS			
WIP-OPERATING	493,689	267,001	(226,688)
Total WORK IN PROGRESS	**493,689**	**267,001**	**(226,688)**
CHANGE IN RESTRICTED FUNDS	**996,158**	**1,070,211**	**74,053**
PROJECT DEVELOPMENT	**6,226,315**	**9,054,930**	**2,828,615**
DEBT SERVICE			
REVENUE BONDS-PAID	459,996	469,992	9,996
BONDS PAID-WESTERN CANYON	2,213,334	2,276,666	63,332
BONDS PAID-SMarcos'07	281,668	299,996	18,328
BOND PAID-2012 MID BASIN INFRA		220,413	220,413
BOND PAID OFFICE EXP	491,246	506,246	15,000
SOHIO BONDS PAID	560,420	566,663	6,243
BOND PAID-MID BASIN PROJECT	220,413		(220,413)
LONG TERM LOANS PAID	235,416	241,308	5,892
WATER RIGHTS LOAN PAID	30,060	31,416	1,356

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
LOAN PAID-BUILDING EXPANSION	106,664		(106,664)
LEASE-PURCH.PAID-METCALF		32,196	32,196
Total DEBT SERVICE	**4,599,217**	**4,644,896**	**45,679**
TOTAL FUNDS APPLIED	**12,894,022**	**44,690,652**	**31,796,630**
NET CHANGE IN FUND BALANCE	**25,158**	**25,405**	**247**

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA - SUPERVISION	930,929	1,053,490	122,561
STA - CLERICAL	141,047	155,995	14,948
STA/SUP- NWRA	19,815	49,398	29,583
STA/SUP- TWCA	19,815	49,398	29,583
STA/CLR- RRWDS PIPELINE		3,471	3,471
STA/SUP- GPP PIPELINE		1,576	1,576
STA- LIMS SUPPORT		1,150	1,150
STA/CLR- GV RECREATION	4,056	3,013	(1,043)
STA/SUP- IH35 PIPELINE	384		(384)
STA/SUP- GBR TRUST	6,745	15,257	8,512
STA/CLR- GBR TRUST	2,013	2,562	549
STA/SUP-SA BAY FOUNDATION	1,236	9,662	8,426
STA/CLR-SA BAY FOUNDATION	4,971	6,901	1,930
STA/SUP-GUAD RIVER FOUNDATION	15,372	14,392	(980)
STA/CLR-GUAD RIVER FOUNDATION	2,037	2,851	814
STA/CLR- PUBLIC INFORM	107,294	120,938	13,645
STA/SUP- PUBLIC INFORM	108,979	102,469	(6,510)
OVT- STAFF PUBLIC INFORM	2,946	4,593	1,647
Total STAFF TECHNICAL ASSISTANCE	**1,367,638**	**1,597,116**	**229,478**
SUPERVISION:			
SUPERVISION	894,722	824,268	(70,454)
SUP- ANALYTICAL	44,324	63,732	19,408
SUP- SUPPORT	56,015	49,490	(6,525)
SUP- RRWDS PIPELINE	4,210	5,480	1,269
SUP- GPP PIPELINE	5,485	5,602	117
SUP- GV RECREATION	4,654	4,765	111
SUP- SAFETY & TRAINING	15,838	17,137	1,298
SUP- LIMS SUPPORT	8,039	10,917	2,878
SUP- IH35 PIPELINE	714	2,455	1,742
SUP- GBR TRUST	84,624	98,272	13,648
SUP-SA BAY FOUNDATION	111,138	108,855	(2,283)
SUP- GROUND WATER SYSTEM	32,666	35,032	2,366
Total SUPERVISION	**1,262,430**	**1,226,006**	**(36,425)**
OPERATING LABOR:			
CLERICAL	176,053	232,956	56,903
REG- OPERATING LABOR	463,142	472,227	9,085
REG- MISC LABOR	121,776	124,224	2,448
CLR- OPERATING LABOR	30,458	40,268	9,810
REG- CHLORIDE SAMPLES LABOR	40,818	39,170	(1,648)
REG- LABORATORY LABOR	14,295	14,864	570
REG- LAKEWOOD REC LABOR	52,130	54,893	2,764

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
REG- SAFETY & TRAINING	26,434	29,503	3,069
REG- IH35 PIPELINE LABOR	39,880	38,760	(1,120)
REG- LIMS SUPPORT	12,647	12,736	89
GBR TRUST-NFW GRANT LABOR		523	523
REG-SA BAY FOUNDATION	4,187	349	(3,838)
REG- GROUND WATER SYSTEM	36,159	37,499	1,341
REG- PUBLIC INFORM LABOR		33,607	33,607
OVT- CLERICAL LABOR		4,431	4,431
OVT- OPERATING LABOR	59,880	77,125	17,245
OVT- MISC LABOR		7,701	7,701
OVT- WATER GATES	1,535	1,770	234
OVT- LABORATORY LABOR	1,535	1,770	234
OVT- LAKEWOOD REC	9,656	10,059	403
OVT- SAFETY & TRAINING LBR	6,883	7,470	587
OVT- PUBLIC INFORMATION		784	784
REG- WORKING HOLIDAY LABOR	10,240	10,629	389
REG- WORKING HOL RRWDS PIPELIN	1,857	1,913	56
REG- WORKING HOL GPP PIPELINE	1,857	1,913	56
REG- WORKING HOL LAKEWOOD REC	4,580	4,770	190
REG- WORK.HOL. LBR-GRND WATER	1,447	1,416	(31)
Total OPERATING LABOR	**1,117,447**	**1,263,330**	**145,884**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- RRWDS PIPELINE	63,397	81,981	18,584
REG/LBR- GPP PIPELINE	32,643	44,189	11,546
REG/LBR- G.V. RECREATION	27,557	29,448	1,892
REG/LBR- LAKEWOOD REC.	50,323	59,081	8,758
REG/LBR- IH35 PIPELINE	10,201	10,187	(14)
REG/LBR- GROUND WATER SYSTEM	11,985	13,212	1,227
REG/LBR- COMAL CO.RAIN TELEMET	14,492	9,212	(5,280)
REG/LBR- KENDAL CO.RAIN TELEME	14,492	9,212	(5,280)
REG/LBR- KERR CO RAIN TELEMETR	14,492	9,212	(5,280)
REG/LBR- GUAD.CO.RAIN TELEMETR	14,492	9,212	(5,280)
REG/LBR- OTHER	240,945	273,788	32,844
Total M&R-LABOR	**495,021**	**548,736**	**53,716**
M&R-OVERTIME:			
OVT/LBR- RRWDS PIPELINE	4,961	5,606	645
OVT/LBR- GPP PIPELINE	3,692	4,249	557
OVT/LBR- G.V. RECREATION	4,027	4,470	443
OVT/LBR- GROUND WATER SYSTEM	530	910	380
OVT/LBR- OTHER	19,290	23,979	4,689

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WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total M&R-OVERTIME	**32,501**	**39,215**	**6,714**
Total MAINTENANCE & REPAIR	**527,522**	**587,951**	**60,429**
WORK IN PROGRESS			
WIP-SUPERVISION:			
H5 LOT RESTORATION-SUPERV	15,268	7,954	(7,314)
Total WIP-SUPERVISION	**15,268**	**7,954**	**(7,314)**
Total WORK IN PROGRESS	**15,268**	**7,954**	**(7,314)**
PROJECT DEVELOPMENT			
PD-STAFF:			
ENVIRONMENTAL LCUB-STAFF	19,978	21,740	1,762
319 RIVER NETWORK-STAFF	604	577	(28)
LOWER BASIN LITIGATION-STAFF	6,576	13,173	6,597
OUTDOOR LEARNING CNTR-STAFF	1,737	3,616	1,879
CRP QUALITY ASSURANCE-STAFF	1,413	1,456	43
CRP PUBLIC PARTICIPATION-STAFF	5,385	6,363	978
IWPP DESAL/POWER-STAFF	63,374	58,524	(4,850)
LOWER BASIN PERMIT AMEND-STAFF	2,528	18,408	15,880
LB STORAGE PROJ ADM-STAFF	31,200	5,009	(26,191)
CANYON GORGE PROJECT-STAFF	7,276	27,379	20,103
UB LK MGMT&AQUATIC CNTL-STAFF	1,560		(1,560)
PLUM CREEK OUTREACH-STAFF	2,224	1,157	(1,066)
PLUM CREEK MONITORING-STAFF	1,339	1,112	(227)
FM 110 P/L RELOC-REIMB-STAFF	119,935	65,762	(54,173)
FM 110 P/L -NONREIMB-STAFF	15,600	2,768	(12,832)
FM-183 UTLY RELOCATE-STAFF	15,600		(15,600)
FM-725 UTLY RELOCATE-STAFF	15,600		(15,600)
MID-BASIN PROJECT-STA	25,928	3,514	(22,414)
GERONIMO CREEK WPP-STAFF	8,788	7,793	(994)
Total PD-STAFF	**346,645**	**238,352**	**(108,294)**
PD-SUPERVISION & LABOR:			
ENVIRONMENTAL LCUB-NON GE	864	1,238	374
SB2 IN-STREAM FLOW-NON-GENERAL	5,210	2,967	(2,243)
LOWER BASIN LITIGAT-NON GEN	1,680		(1,680)
PC WATERSHED COORDINAT-NON GEN	10,603	4,747	(5,856)
PC GC ISOTOPE STUDY-NON GEN	10,603	4,747	(5,856)
REAL HOG FARM PROJ-NON GEN EMP	22,511		(22,511)
CRP PROJECT ADMIN-NON GEN EMPL	662	297	(366)

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
CRP QUALITY ASSURANCE-NON GEN	13,591	12,033	(1,558)
CRP MONITORING-NON GEN EMPL	16,660	25,617	8,957
CRP INFO CLEARINGHOUSE-NON GEN	1,974	148	(1,826)
CRP ISSUES & CAUSES-NON GEN EM	662	297	(366)
CRP PUBLIC PARTICIPATION-NON G	1,648	247	(1,400)
CRP-LIMS-NON-GENERAL EMPLOYEES		6,991	6,991
LAKE MGMT ENHANCEMENT-NON-GENE	3,279		(3,279)
LAKE MGMT GOAT PROJECT-NON GEN	21,696		(21,696)
LB LK MGMT&AQUATIC CNTL-NON-GE	1,414	1,387	(28)
GUAD/HAYS/CALD WW CCNS-NON-GEN	2,879	4,635	1,756
IWPP DESAL/POWER-NON-GEN	35,603	14,970	(20,633)
MID-BASIN HDR-NON-GEN	745		(745)
MID-BASIN GRANT STDY-NON-GEN		26,947	26,947
LOWER BASIN PERM AM.-NON GEN E	10,921		(10,921)
LB STORAGE PROJ ADM-NON GEN EM	10,400	57,601	47,201
WATER SUPPLY ALTERNATIVE-NON-G	6,721	7,485	764
WATER & WW INV-NON GEN EMPL	7,225		(7,225)
UB LK MGMT&AQUATIC CNTL-NONGEN	11,795	26,150	14,355
PLUM CREEK MONITORING-NON GEN	54,477	30,795	(23,683)
PLUM CREEK PROJ ADM-NON GEN EM	1,450		(1,450)
FM 110 P/L RELOC-REIMB-NON GEN	32,173		(32,173)
FM 110 P/L -NONREIMB-NON GEN	5,589		(5,589)
FM-183 UTLY RELOCATE-NON GEN	5,200		(5,200)
FM-725 UTLY RELOCATE-NON GEN	5,200		(5,200)
WATER CO ACQUISITIONS-NON GEN	12,755	13,978	1,223
INDUSTRIAL DEV PROJECT-NON-GEN	19,221	21,500	2,279
MID-BASIN PROJECT-NON-GEN EMPL	75,254	44,169	(31,085)
GERONIMO CREEK WPP-NON GEN EMP	52,620	22,770	(29,851)
Total PD-SUPERVISION & LABOR	**463,289**	**331,715**	**(131,574)**
Total PROJECT DEVELOPMENT	**809,934**	**570,067**	**(239,867)**
TOTAL SALARIES & WAGES	**5,100,239**	**5,252,424**	**152,185**

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- RRWDS PIPELINE	63,397	81,981	18,584
REG/LBR- GPP PIPELINE	32,643	44,189	11,546
REG/LBR- G.V. RECREATION	27,557	29,448	1,892
REG/LBR- LAKEWOOD REC.	50,323	59,081	8,758
REG/LBR- IH35 PIPELINE	10,201	10,187	(14)
REG/LBR- GROUND WATER SYSTEM	11,985	13,212	1,227
REG/LBR- COMAL CO.RAIN TELEMET	14,492	9,212	(5,280)
REG/LBR- KENDAL CO.RAIN TELEME	14,492	9,212	(5,280)
REG/LBR- KERR CO RAIN TELEMETR	14,492	9,212	(5,280)
REG/LBR- GUAD.CO.RAIN TELEMETR	14,492	9,212	(5,280)
REG/LBR- OTHER	240,945	273,788	32,844
OVT/LBR- RRWDS PIPELINE	4,961	5,606	645
OVT/LBR- GPP PIPELINE	3,692	4,249	557
OVT/LBR- G.V. RECREATION	4,027	4,470	443
OVT/LBR- GROUND WATER SYSTEM	530	910	380
OVT/LBR- OTHER	19,290	23,979	4,689
Total LABOR	**527,522**	**587,951**	**60,429**
MATERIAL:			
M&R/MAT- PUMPS	13,220	13,220	
M&R/MAT- RAW STRUCTURE	3,700	4,900	1,200
M&R/MAT- METERS	5,650	5,650	
M&R/MAT- GATES/VALVES	3,400	47,200	43,800
M&R/MAT- INSTRUMENTS/ELECTRICA	39,836	39,740	(96)
M&R/MAT- DIGESTERS	8,640	8,640	
M&R/MAT- THICKENER	20,940	45,940	25,000
M&R/MAT- AERATION BASINS	13,640	18,240	4,600
M&R/MAT- CLARIFIERS	27,780	27,180	(600)
M&R/MAT- CHEM FEED SYSTEMS	69,600	74,700	5,100
M&R/MAT- POTABLE WTR SYSTEM	38,200	38,700	500
M&R/MAT- BIOSOLIDS HANDLING	9,900	6,900	(3,000)
M&R/MAT- NON POT WTR SYSTEM	26,760	29,692	2,932
M&R/MAT- GROUNDSKEEPING	15,360	16,360	1,000
M&R/MAT- TRUCKS	5,200	5,100	(100)
M&R/MAT- MOTORS	3,700	3,400	(300)
M&R/MAT- BUILDING	6,200	5,600	(600)
M&R/MAT- TOOLS & EQUIP.	8,840	5,040	(3,800)
M&R/MAT- TRACTORS	3,740	4,700	960
M&R/MAT- FILTERS	5,280	4,190	(1,090)
M&R/MAT- AUX GENERATOR	5,700	5,800	100
M&R/MAT- RLF. PUMPS & MTRS	9,320	5,400	(3,920)
M&R/MAT- RLF. CL2 EQUIP	1,560	1,200	(360)
M&R/MAT- AUX GENERATOR	2,580	2,580	
M&R/MAT- RLF. ROADS &BRID		1,200	1,200

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/MAT- RLF. FENCES & GTS	1,200		(1,200)
M&R/MAT- S.C. PIPELINE	600	240	(360)
M&R/MAT- COMAL CO.RAIN TELEMET	1,000	1,500	500
M&R/MAT- HEADQTRS GROUNDS	1,000	1,500	500
M&R/MAT- SHOP BLDG/POLE BA	3,200	3,200	
M&R/MAT- SM EQUIP & TOOLS	1,600	2,100	500
M&R/MAT- BRIDGES	480		(480)
M&R/MAT- UNIT 49	240	240	
M&R/MAT- UNIT 50	240	240	
M&R/MAT- UNIT 51	480	240	(240)
M&R/MAT- UNIT 52	480	480	
M&R/MAT- FLATBED TRAILER	600	480	(120)
M&R/MAT- CASE BACKHOE	1,200	840	(360)
M&R/MAT- ALL TERRAIN VHCL	600	360	(240)
M&R/MAT-SPRAYERS	720	360	(360)
M&R/MAT- BIG TRACTOR	240	240	
M&R/MAT- SCHREDDERS	720	720	
M&R/MAT- OTHER	1,380	900	(480)
Total MATERIAL	**364,726**	**434,912**	**70,186**
SERVICES:			
M&R/SER- PUMPS	66,200	66,200	
M&R/SER- RAW STRUCTURE	362,400	313,700	(48,700)
M&R/SER- METERS	26,920	27,400	480
M&R/SER- GATES/VALVES	3,230	44,400	41,170
M&R/SER- INSTRUMENTS/ELECTRICA	71,278	86,278	15,000
M&R/SER- DIGESTERS	9,600	9,200	(400)
M&R/SER- THICKENER	24,840	74,840	50,000
M&R/SER- AERATION BASINS	4,340	4,340	
M&R/SER- CLARIFIERS	6,220	7,240	1,020
M&R/SER- CHEM FEED SYSTEMS	91,700	231,200	139,500
M&R/SER- POTABLE WTR SYSTEM	94,560	100,860	6,300
M&R/SER- BIOSOLIDS HANDLING	63,640	81,640	18,000
M&R/SER- NON POT. WTR SYSTEM	27,578	29,992	2,414
M&R/SER- GROUNDSKEEPING	28,720	32,000	3,280
M&R/SER- TRUCKS	2,520	1,940	(580)
M&R/SER- MOTORS	3,180	3,180	
M&R/SER- BUILDING	4,820	4,820	
M&R/SER- TOOLS & EQUIP.	6,650	4,530	(2,120)
M&R/SER- TRACTORS	420	780	360
M&R/SER- FILTERS	7,080	6,780	(300)
M&R/SER- AUX GENERATOR	6,180	8,580	2,400
M&R/SER- RLF. PUMPS &MTRS	4,200	13,240	9,040
M&R/SER- RLF. CL2 EQUIPT	360	1,200	840
M&R/SER- AUX GENERATOR	9,580	9,580	
M&R/SER- RLF. ROADS &BRID	480	1,440	960

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/SER- S.C. INSTRUMNTN	600	600	
M&R/SER- GEN. OFFICE BLDG	17,908	20,356	2,448
M&R/SER- COMAL CO.RAIN TELEMET	2,500	2,500	
M&R/SER- HEADQTRS GROUNDS	3,340	3,340	
M&R/SER- SHOP BLDG/POLE BA	12,100	8,500	(3,600)
M&R/SER- SM EQUIP & TOOLS	3,100	3,100	
M&R/SER- BRIDGES	12,480	12,000	(480)
M&R/SER- UNIT 49	240	1,200	960
M&R/SER- UNIT 50	240	840	600
M&R/SER- UNIT 51	480	480	
M&R/SER- UNIT 52	480	480	
M&R/SER- UNIT 53	1,800	1,200	(600)
M&R/SER- FLATBED TRAILER	600	120	(480)
M&R/SER- CASE BACKHOE	3,000	1,200	(1,800)
M&R/SER- ALL TERRAIN VHCL	600	480	(120)
M&R/SER- BIG TRACTOR	360	360	
M&R/SER- OTHER	11,800	11,200	(600)
Total SERVICES	**998,324**	**1,233,316**	**234,992**
TOTAL MAINTENANCE & REPAIR	**1,890,572**	**2,256,179**	**365,607**

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
PROJECT DEVELOPMENT			
ENVIRONMENTAL LCUB-STAFF	19,978	21,740	1,762
ENVIRONMENTAL LCUB-BENEFI	8,441	9,306	865
ENVIRONMENTAL LCUB-TRAVEL	1,000	1,000	
ENVIRONMENTAL LCUB-A&G	6,878	7,583	705
ENVIRONMENTAL LCUB-NON GE	864	1,238	374
ENVIRONMENTAL LCUB-PRO FE	7,500	12,500	5,000
ENVIRONMENTAL LCUB-MAT'L	12,500		(12,500)
ENVIRONMENTAL LCUB-OTHER	2,500		(2,500)
Total	**59,661**	**53,368**	**(6,293)**
319 RIVER NETWORK-STAFF	604	577	(28)
319 RIVER NETWORK-BENEFITS	245	234	(11)
319 RIVER NETWORK-A&G	199	190	(9)
Total	**1,049**	**1,001**	**(48)**
DROUGHT PLANNING-TRAVEL	250		(250)
DROUGHT PLANNING-SERVICE	250		(250)
DROUGHT PLANNING-MAT'L	1,000		(1,000)
Total	**1,500**		**(1,500)**
SB3- ENVIRONMNTL FLOWS-ENG	15,000	10,000	(5,000)
Total	**15,000**	**10,000**	**(5,000)**
SB2 IN-STREAM FLOW-ENG	5,000	40,000	35,000
SB2 IN-STREAM FLOW-BENEFITS	2,110	1,202	(908)
SB2 IN-STREAM FLOW-A&G	1,719	979	(740)
SB2 IN-STREAM FLOW-NON-GENERAL	5,210	2,967	(2,243)
Total	**14,039**	**45,148**	**31,108**
LOWER BASIN LITIGATION-STAFF	6,576	13,173	6,597
LOWER BASIN LITIGATION-LEGA	375,000		(375,000)
LOWER BASIN LITIGATION-BENEFI	3,344	5,335	1,991
LOWER BASIN LITIGATION-A&G	2,725	4,347	1,622
LOWER BASIN LITIGAT-NON GEN	1,680		(1,680)

GUADALUPE-BLANCO RIVER AUTHORITY
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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total	**389,325**	**22,855**	**(366,470)**
PC WATERSHED COORDINATOR-ENG	85,300	85,300	
PC WATERSHED COORDINATOR-BENEF	4,294	1,923	(2,372)
PC WATERSHED COORDINATE-TRAVEL	15,000	15,000	
PC WATERSHED COORDINATOR-A&G	3,499	1,567	(1,932)
PC WATERSHED COORDINAT-NON GEN	10,603	4,747	(5,856)
PC WATERSHED COORDINATOR-OTHER	26,747	16,747	(10,000)
Total	**145,443**	**125,283**	**(20,160)**
PC GC ISOTOPE STUDY-ENG	54,000	54,000	
PC GC ISOTOPE STUDY-BENEFITS	4,294	1,923	(2,372)
PC GC ISOTOPE STUDY-A&G	3,499	1,567	(1,932)
PC GC ISOTOPE STUDY-NON GEN	10,603	4,747	(5,856)
Total	**72,396**	**62,236**	**(10,160)**
REAL HOG FARM PROJ-BENEFITS	9,117		(9,117)
REAL HOG FARM PROJ-TRAVEL	900		(900)
REAL HOG FARM PROJ-A&G	7,429		(7,429)
REAL HOG FARM PROJ-NON GEN EMP	22,511		(22,511)
REAL HOG FARM PROJ-OTHER	8,932		(8,932)
Total	**48,889**		**(48,889)**
OUTDOOR LEARNING CNTR-STAFF	1,737	3,616	1,879
OUTDOOR LEARNING CNTR-BENEFITS	704	1,465	761
OUTDOOR LEARNING CNTR-A&G	573	1,193	620
OUTDOOR LEARNING CENTER-OTHER	38,800		(38,800)
Total	**41,814**	**6,274**	**(35,540)**
CRP PROJECT ADMIN-BENEFITS	268	120	(148)
CRP PROJECT ADMIN-A&G	219	98	(121)
CRP PROJECT ADMIN-NON GEN EMPL	662	297	(366)

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total	**1,149**	**515**	**(635)**
CRP QUALITY ASSURANCE-STAFF	1,413	1,456	43
CRP QUALITY ASSURANCE-BENEFITS	6,077	5,463	(614)
CRP QUALITY ASSURANCE-A&G	4,951	4,451	(500)
CRP QUALITY ASSURANCE-NON GEN	13,591	12,033	(1,558)
Total	**26,032**	**23,403**	**(2,628)**
CRP MONITORING-ENG	24,700		(24,700)
CRP MONITORING-BENEFITS	6,747	10,375	3,627
CRP MONITORING-TRAVEL	5,138	2,500	(2,638)
CRP MONITORING-A&G	5,498	8,454	2,956
CRP MONITORING-NON GEN EMPL	16,660	25,617	8,957
CRP MONITORING-OTHER	93,913	93,913	
Total	**152,657**	**140,859**	**(11,798)**
CRP INFO CLEARINGHOUSE-BENEFIT	799	60	(739)
CRP INFO CLEARINGHOUSE-A&G	651	49	(603)
CRP INFO CLEARINGHOUSE-NON GEN	1,974	148	(1,826)
Total	**3,425**	**257**	**(3,168)**
CRP ISSUES & CAUSES-BENEFITS	268	120	(148)
CRP ISSUES & CAUSES-A&G	219	98	(121)
CRP ISSUES & CAUSES-NON GEN EM	662	297	(366)
Total	**1,149**	**515**	**(635)**
CRP PUBLIC PARTICIPATION-STAFF	5,385	6,363	978
CRP PUBLIC PARTICIPATION-BENEF	2,848	2,677	(171)
CRP PUBLIC PARTICIPATION-A&G	2,321	2,181	(139)
CRP PUBLIC PARTICIPATION-NON G	1,648	247	(1,400)
Total	**12,202**	**11,469**	**(733)**
CRP-LIMS-BENEFITS		2,831	2,831
CRP-LIMS-A&G		2,307	2,307
CRP-LIMS-NON-GENERAL EMPLOYEES		6,991	6,991

GUADALUPE-BLANCO RIVER AUTHORITY
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FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total		**12,129**	**12,129**
APPLIC-UNAPPROP.FLOW-ENG	88,000		(88,000)
Total	**88,000**		**(88,000)**
BULVERDE AREA WW-ENG	27,000		(27,000)
BULVERDE AREA WW-MAT'L	3,000		(3,000)
Total	**30,000**		**(30,000)**
U/S SWB GUAD RIVER STUDY-ENG	60,000		(60,000)
Total	**60,000**		**(60,000)**
FLOOD MGMT MODEL-ENG	420,000	523,300	103,300
Total	**420,000**	**523,300**	**103,300**
LAKE MGMT ENHANCEMENT-BENEFITS	1,328		(1,328)
LAKE MGMT ENHANCEMENT-A&G	1,082		(1,082)
LAKE MGMT ENHANCEMENT-NON-GENE	3,279		(3,279)
LAKE MGMT ENHANCEMENT-SERVICES	10,000	10,000	
Total	**15,688**	**10,000**	**(5,688)**
LAKE MGMT GOAT PROJECT-BENEFIT	8,787		(8,787)
LAKE MGMT GOAT PROJECT-A&G	7,160		(7,160)
LAKE MGMT GOAT PROJECT-NON GEN	21,696		(21,696)
Total	**37,643**		**(37,643)**
LB LK MGMT&AQUATIC CNTL-BENEFI	573	562	(11)
LB LK MGMT&AQUATIC CNTL-TRAVEL	5,000	5,000	
LB LK MGMT&AQUATIC CNTL-A&G	467	458	(9)
LB LK MGMT&AQUATIC CNTL-NON-GE	1,414	1,387	(28)
LB LK MGMT&AQUATIC CNTL-MTL'S	10,000	10,000	

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total	**17,454**	**17,406**	**(48)**
GW/SW INTERFACE STUDY-ENG	40,000	40,000	
Total	**40,000**	**40,000**	
L.BASIN WATER QLTY MODEL.-MISC	35,000		(35,000)
Total	**35,000**		**(35,000)**
LOCKHART DISCHARGE MONT-OTHER	12,500		(12,500)
Total	**12,500**		**(12,500)**
FEMA CTP PROGRAM-ENG		120,000	120,000
FEMA CTP PROGRAM-OTHER	10,000		(10,000)
Total	**10,000**	**120,000**	**110,000**
NRCS 2015 FLOOD UPPER-SERVICE		1,987,709	1,987,709
Total		**1,987,709**	**1,987,709**
NRCS 2015 FLOOD LOWER-SERVICE		528,250	528,250
Total		**528,250**	**528,250**
UTILITY SURVEY,MAPNG,MODELING		5,000	5,000
Total		**5,000**	**5,000**
FLOW MONITORING		5,000	5,000
Total		**5,000**	**5,000**
HIGH WATER MARK SURVEYS-ENG		5,000	5,000

GUADALUPE-BLANCO RIVER AUTHORITY
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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total		**5,000**	**5,000**
GUAD/HAYS/CALD WW CCNS-ENG	20,000		(20,000)
GUAD/HAYS/CALD WW CCNS-LEGAL	20,000		(20,000)
GUAD/HAYS/CALD WW CCNS-BENEFIT	1,166	1,877	711
GUAD/HAYS/CALD WW CCNS-A&G	950	1,530	580
GUAD/HAYS/CALD WW CCNS-NON-GEN	2,879	4,635	1,756
Total	**44,995**	**8,042**	**(36,953)**
IWPP DESAL/POWER-STAFF	63,374	58,524	(4,850)
IWPP DESAL/POWER-ENG		950,000	950,000
IWPP DESAL/POWER-LEGAL		25,000	25,000
IWPP DESAL/POWER-BENEFIT	40,086	29,765	(10,321)
IWPP DESAL/POWER-TRAVEL	10,000	15,000	5,000
IWPP DESAL/POWER-A&G	32,663	24,253	(8,409)
IWPP DESAL/POWER-NON-GEN	35,603	14,970	(20,633)
IWPP DESAL/POWER-PRO FEE	900,000	75,000	(825,000)
IWPP DESAL/POWER-W/O	10,000		(10,000)
IWPP DESAL/POWER-OTHER	10,000	5,000	(5,000)
Total	**1,101,726**	**1,197,513**	**95,787**
MID-BASIN HDR-BENEFIT	302		(302)
MID-BASIN HDR-A&G	246		(246)
MID-BASIN HDR-NON-GEN	745		(745)
Total	**1,293**		**(1,293)**
MID-BASIN GRANT STDY-BENEFITS		10,913	10,913
MID-BASIN GRANT STDY-A&G		8,892	8,892
MID-BASIN GRANT STDY-NON-GEN		26,947	26,947
Total		**46,752**	**46,752**
DIVERSION SYS IMPROVEMENTS-ENG	25,000	50,000	25,000

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	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total	**25,000**	**50,000**	**25,000**
RIVER GAGES-ENG	25,000	15,000	(10,000)
Total	**25,000**	**15,000**	**(10,000)**
EAA HABITAT CONSRV PLAN		400,000	400,000
EAA HABITAT CONSRV PLAN-OTHER	450,000		(450,000)
Total	**450,000**	**400,000**	**(50,000)**
LOWER BASIN PERMIT AMEND-STAFF	2,528	18,408	15,880
LOWER BASIN PERMIT AMEND-BEN	5,447	7,455	2,008
LOWER BASIN PERMIT AMEND-A&G	4,438	6,075	1,636
LOWER BASIN PERM AM.-NON GEN E	10,921		(10,921)
Total	**23,335**	**31,938**	**8,603**
LB STORAGE PROJ ADM-STAFF	31,200	5,009	(26,191)
LB STORAGE PROJ ADM-ENG	900,000	980,000	80,000
LB STORAGE PROJ ADM-LEGAL	750,000	25,000	(725,000)
LB STORAGE PROJ ADM-BENEFITS	16,848	25,357	8,509
LB STORAGE PROJ ADM-TRAVEL	10,000	15,000	5,000
LB STORAGE PROJ ADM-A&G	13,728	20,661	6,933
LB STORAGE PROJ ADM-NON GEN EM	10,400	57,601	47,201
LB STORAGE PROJ ADM-W/O	10,000		(10,000)
LB STORAGE PROJ ADM-OTHER	10,000		(10,000)
Total	**1,752,176**	**1,128,628**	**(623,548)**
JOHNSON RCH WWTP RGLZ-TRAVEL	500	500	
JOHNSON RANCH-SERVICES	500	500	
Total	**1,000**	**1,000**	
CANYON GORGE PROJECT-STAFF	7,276	27,379	20,103
CANYON GORGE PROJECT-BENEFITS	2,947	11,088	8,142
CANYON GORGE PROJECT-A&G	2,401	9,035	6,634

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total	**12,623**	**47,502**	**34,879**
WATER SUPPLY ALTERNATIVE-BENEF	2,722	3,032	310
WATER SUPPLY ALTERNATIVE-A&G	2,218	2,470	252
WATER SUPPLY ALTERNATIVE-NON-G	6,721	7,485	764
Total	**11,661**	**12,987**	**1,326**
WATER & WW INV-BENEFITS	2,926		(2,926)
WATER & WW INV-A&G	2,384		(2,384)
WATER & WW INV-NON GEN EMPL	7,225		(7,225)
Total	**12,535**		**(12,535)**
UB LK MGMT&AQUATIC CNTL-STAFF	1,560		(1,560)
UB LK MGMT&AQUATIC CNTL-BENEF	5,409	10,591	5,182
UB LK MGMT&AQUATIC CNTL-A&G	4,407	8,629	4,222
UB LK MGMT&AQUATIC CNTL-NONGEN	11,795	26,150	14,355
UB LK MGMT&AQUATIC CNTL-SERVIC	5,000	5,000	
UB LK MGMT&AQUATIC CNTL-MAT'L	12,500	12,500	
Total	**40,670**	**62,869**	**22,199**
SH46 UTILITY RELOC (Reim)-ENG		50,000	50,000
SH46 UTILITY RELOC (Reim)-LEGA		5,000	5,000
SH46 UTILITY RELOC (Reim)-TRAV		5,000	5,000
SH46 UTILITY RELOC (Reim)-PROF		5,000	5,000
SH46 UTILITY RELOC (Reim)-MISC		5,000	5,000
Total		**70,000**	**70,000**
SH46 UTIL RELOC (NonReim)-ENG		10,000	10,000
SH46 UTIL RELOC (NonReim)-LEGA		500	500
SH46 UTIL RELOC (NonReim)-TRAV		500	500
SH46 UTIL RELOC (NonReim)-PROF		500	500
SH46 UTIL RELOC (NonReim)-MISC		500	500

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total		**12,000**	**12,000**
PLUM CREEK OUTREACH-STAFF	2,224	1,157	(1,066)
PLUM CREEK OUTREACH-BENEFITS	901	469	(432)
PLUM CREEK OUTREACH-A&G	734	382	(352)
Total	**3,858**	**2,008**	**(1,850)**
PLUM CREEK MONITORING-STAFF	1,339	1,112	(227)
PLUM CREEK MONITORING-BENEFITS	22,606	12,922	(9,683)
PLUM CREEK MONITORING-A&G	18,420	10,529	(7,890)
PLUM CREEK MONITORING-NON GEN	54,477	30,795	(23,683)
PLUM CREEK MONITORING-OTHER	140,945	140,945	
Total	**237,787**	**196,303**	**(41,483)**
PLUM CREEK PROJ ADM-BENEFITS	587		(587)
PLUM CREEK PROJ ADM-A&G	478		(478)
PLUM CREEK PROJ ADM-NON GEN EM	1,450		(1,450)
Total	**2,515**		**(2,515)**
FM 110 P/L RELOC-REIMB-STAFF	119,935	65,762	(54,173)
FM 110 P/L RELOC-REIMB-ENG	250,000	180,000	(70,000)
FM 110 P/L RELOC-REIMB-LEGAL	10,000	5,000	(5,000)
FM 110 P/L RELOC-REIMB-BENEFIT	61,604	26,634	(34,970)
FM 110 P/L RELOC-REIMB-TRAVEL	20,000	15,000	(5,000)
FM 110 P/L RELOC-REIMB-SERVICE	20,000		(20,000)
FM 110 P/L RELOC-REIMB-A&G	50,196	21,702	(28,494)
FM 110 P/L RELOC-REIMB-NON GEN	32,173		(32,173)
FM 110 P/L RELOC-REIMB-PROF FE		10,000	10,000
FM 110 P/L RELOC-REIMB-OTHER	1,000,000	900,000	(100,000)
Total	**1,563,908**	**1,224,098**	**(339,810)**
FM 110 P/L -NONREIMB-STAFF	15,600	2,768	(12,832)
FM 110 P/L -NONREIMB-ENG	30,000	30,000	
FM 110 P/L -NONREIMB-LEGAL	5,000	5,000	
FM 110 P/L -NONREIMB-BENEFITS	8,582	1,121	(7,461)
FM 110 P/L -NONREIMB-TRAVEL	5,000	5,000	
FM 110 P/L -NONREIMB-A&G	6,993	913	(6,079)

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
FM 110 P/L -NONREIMB-NON GEN	5,589		(5,589)
FM 110 P/L -NONREIMB-PROF FEES		2,500	2,500
FM 110 P/L -NONREIMB-W/O	1,000		(1,000)
FM 110 P/L -NONREIMB-OTHER	100,000	100,000	
Total	**177,763**	**147,303**	**(30,461)**
FM-183 UTLY RELOCATE-STAFF	15,600		(15,600)
FM-183 UTLY RELOCATE-ENG		50,000	50,000
FM-183 UTLY RELOCATE-LEGAL		5,000	5,000
FM-183 UTLY RELOCATE-BENEFITS	8,424		(8,424)
FM-183 UTLY RELOCATE-TRAVEL		5,000	5,000
FM-183 UTLY RELOCATE-A&G	6,864		(6,864)
FM-183 UTLY RELOCATE-NON GEN	5,200		(5,200)
FM-183 UTLY RELOCATE-PRO FEES		5,000	5,000
FM-183 UTLY RELOCATE-MISC		5,000	5,000
Total	**36,088**	**70,000**	**33,912**
FM-725 UTLY RELOCATE-STAFF	15,600		(15,600)
FM-725 UTLY RELOCATE-ENG		50,000	50,000
FM-725 UTLY RELOCATE-LEGAL		5,000	5,000
FM-725 UTLY RELOCATE-BENEFITS	8,424		(8,424)
FM-725 UTLY RELOCATE-TRAVEL		5,000	5,000
FM-725 UTLY RELOCATE-A&G	6,864		(6,864)
FM-725 UTLY RELOCATE-NON GEN	5,200		(5,200)
FM-725 UTLY RELOCATE-PROF FEES		5,000	5,000
FM-725 UTLY RELOCATE-MISC		5,000	5,000
Total	**36,088**	**70,000**	**33,912**
WATER CO ACQUISITIONS-BENEFITS	5,166	5,661	495
WATER CO ACQUISITIONS-TRAVEL	500	500	
WATER CO ACQUISITIONS-A&G	4,209	4,613	403
WATER CO ACQUISITIONS-NON GEN	12,755	13,978	1,223
Total	**22,630**	**24,752**	**2,121**
INDUSTRIAL DEV PROJECT-ENG	10,000		(10,000)
INDUSTRIAL DEV PROJECT-BENEFIT	7,785	8,708	923
INDUSTRIAL DEV PROJECT-TRAVEL	200	200	
INDUSTRIAL DEV PROJECT-A&G	6,343	7,095	752
INDUSTRIAL DEV PROJECT-NON-GEN	19,221	21,500	2,279

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
INDUSTRIAL DEV PROJECT-MAT'L	5,000		(5,000)
Total	**48,549**	**37,503**	**(11,046)**
MID-BASIN PROJECT-STA	25,928	3,514	(22,414)
MID-BASIN PROJECT-ENG	250,000		(250,000)
MID-BASIN PROJECT-LEGAL	375,000	25,000	(350,000)
MID-BASIN PROJECT-BENEFITS	40,979	19,311	(21,667)
MID-BASIN PROJECT-TRAVEL	5,000	15,000	10,000
MID-BASIN PROJECT-A&G	33,390	15,735	(17,655)
MID-BASIN PROJECT-NON-GEN EMPL	75,254	44,169	(31,085)
MID-BASIN PROJECT-PROF FEE	5,000	75,000	70,000
MID-BASIN PROJECT-W/O	5,000		(5,000)
MID-BASIN PROJECT-OTHER	5,000	5,000	
Total	**820,551**	**202,729**	**(617,822)**
S.B.1 PHASE 5-ENG	14,000	10,000	(4,000)
S.B.1 PHASE 5-TRAVEL	2,000		(2,000)
Total	**16,000**	**10,000**	**(6,000)**
GERONIMO CREEK WPP-STAFF	8,788	7,793	(994)
GERONIMO CREEK WPP-BENEFITS	24,870	12,378	(12,492)
GERONIMO CREEK WPP-A&G	20,265	10,086	(10,179)
GERONIMO CREEK WPP-NON GEN EMP	52,620	22,770	(29,851)
GERONIMO CREEK WPP-MISC	76,000	76,000	
Total	**182,543**	**129,026**	**(53,517)**
GVHS DAM SAFETY PROGRAM-ENG		100,000	100,000
Total		**100,000**	**100,000**
BUD W/O-LOWER BASIN PROJECT	(95,000)		95,000
BUD W/O-LAKE MGMT	(33,890)		33,890
BUD W/O-GERONIMO CREEK	(152,110)		152,110
BUD W/O-PLUM CREEK MONITORING	(198,150)		198,150
BUD W/O-EEA HABITAT	(400,000)		400,000
BUD W/O-PLUM CREEK WS COORDINA	(121,200)		121,200
BUD W/O-WATER ENERGY NEXUS	(236,726)		236,726
BUD W/O-FLOOD MGT MODEL	(420,000)		420,000

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
BUD W/O-ENVIRON LEARN CTR UB	(49,710)		49,710
BUD W/O-PC ISOTOPE	(52,396)		52,396
BUD W/O-MID BASIN PROJECT	(375,000)		375,000
BUD W/O-OUTDOOR LEARNING CTR	(41,814)		41,814
Total	**(2,175,996)**		**2,175,996**
TOTAL PROJECT DEVELOPMENT	**6,226,315**	**9,054,930**	**2,828,615**

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - OPERATING			
H5 LOT RESTORATION-SUPERV	15,268	7,954	(7,314)
H5 LOT RESTORATION-BENEFITS	6,184	3,222	(2,962)
H5 LOT RESTORATION-SERVICES	50,000		(50,000)
H5 LOT RESTORATION-A&G	5,039	2,625	(2,414)
Total	**76,491**	**13,801**	**(62,690)**
HAZARD MITIGATION-PROF FEES	50,000	105,000	55,000
Total	**50,000**	**105,000**	**55,000**
DIV. DAM/SWB EROSION REPAIR-EN		15,000	15,000
Total		**15,000**	**15,000**
CANAL REHAB-SERVICE		19,200	19,200
Total		**19,200**	**19,200**
MAIN CANAL CROSSING-SERVICE		35,000	35,000
Total		**35,000**	**35,000**
SIPHON/RADIAL GATE IMPS-SERVIC	50,053		(50,053)
SIPHON/RADIAL GATE IMPS-PROF F		50,000	50,000
SIPHON/RADIAL GATE IMPS-MAT'L	7,875		(7,875)
Total	**57,928**	**50,000**	**(7,928)**
REHAB RELIFT ROOF-SERVICE	8,000	29,000	21,000
Total	**8,000**	**29,000**	**21,000**
ADD'L CAMPISTES/LAKEWOOD-MATLS	27,000		(27,000)

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total	**27,000**		**(27,000)**
CANAL BRIDGE CROSSING-MATL	5,000		(5,000)
Total	**5,000**		**(5,000)**
AUTOMATIC TRANSFER SWITCH-SERV	93,655		(93,655)
AUTOMATIC TRANSFER SWITCH-MATL	175,615		(175,615)
Total	**269,270**		**(269,270)**
TOTAL WIP - OPERATING	**493,689**	**267,001**	**(226,688)**

GUADALUPE-BLANCO RIVER AUTHORITY
WATER RESOURCES DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2017 BUDGET
WATER RIGHTS	
GROUNDWATER LEASES-Water Sales	28,000,000
SURFACE WATER RIGHTS-E.C.-Water Sales	301,000
SURFACE WATER RIGHTS-G.D.-Water Sales	550,000
SURFACE WATER RIGHTS-R.D.-Water Sales	378,000
Total WATER RIGHTS	**29,229,000**
WATER METERS & EQUIPMENT	
RAINFALL GAUGES-HAYS TELEMETRY NETWORK (2)-Water Sales	9,000
Total WATER METERS & EQUIPMENT	**9,000**
OFFICE FURN. & EQUIP.	
OFFICE FURNITURE-Water Sales	5,000
Total OFFICE FURN. & EQUIP.	**5,000**
LABORATORY EQUIPMENT	
OIL AND GREASE ANALYZER-Regional Laboratory	32,000
OIL AND GREASE SPEED VAP REPLACEMENT-Regional Laboratory	3,900
Total LABORATORY EQUIPMENT	**35,900**
AUTO & HEAVY EQUIPMENT	
IN PLANT VEHICLE-Buda WWTP	5,000
1/2 TON CREW CAB-Calhoun Canal	20,000
Total AUTO & HEAVY EQUIPMENT	**25,000**
MISCELLANEOUS EQUIPMENT	
CHLORINE DIOXIDE GENERATOR-San Marcos WTP	349,714
Total MISCELLANEOUS EQUIPMENT	**349,714**
TOTAL CAPITAL ADDITIONS	**29,653,614**

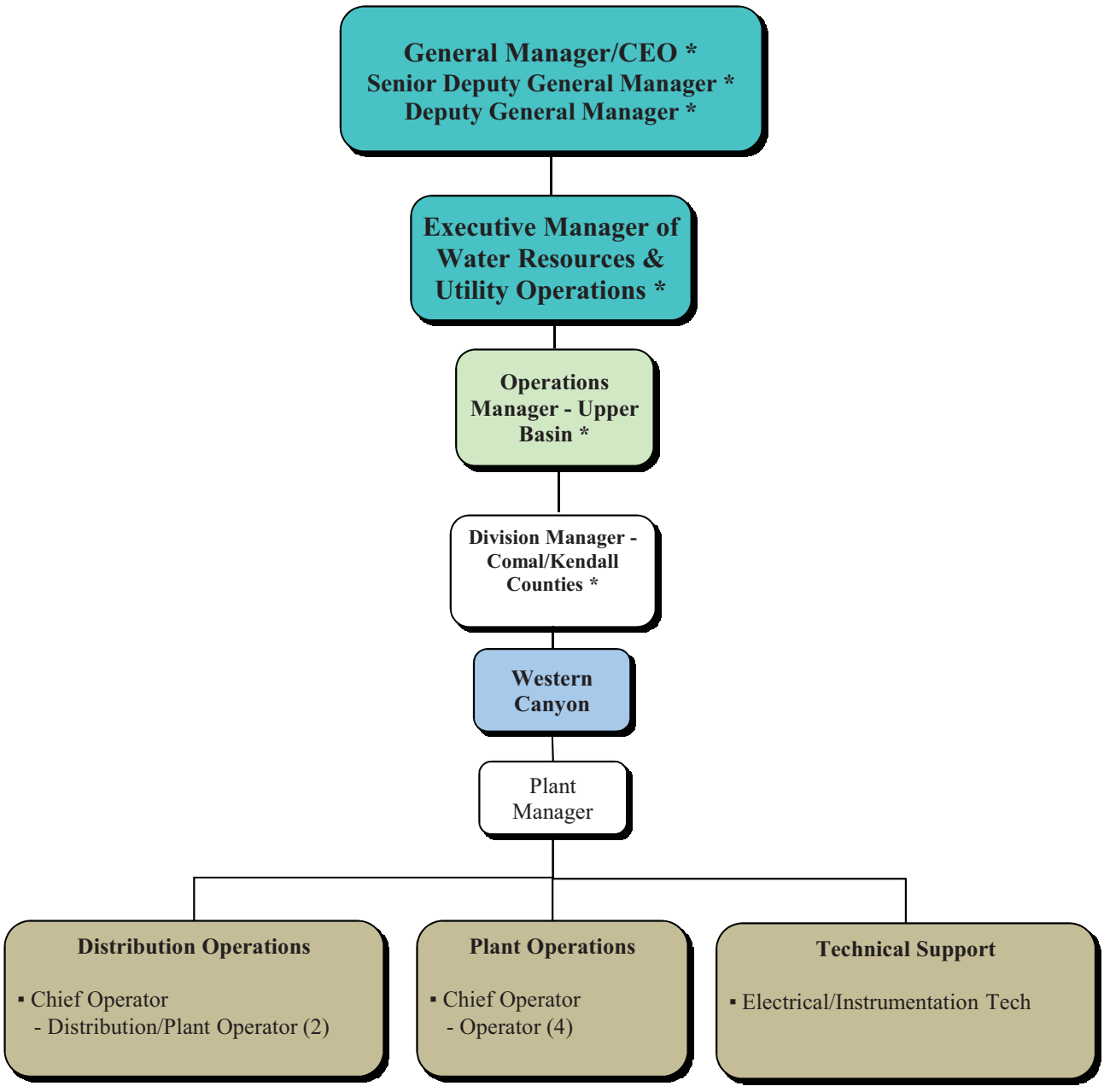
Western Canyon WTP

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.

The facility consists of a raw water intake at Comal Park on Canyon Lake, a 10 mgd micro-filtration water treatment plant at Startz Hill, 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 (control and monitoring) system.

- Service Provided: Water treatment
- Location: Canyon Lake, TX
- Startup Operation Date: 2006
- Service Area: Comal & Kendall Co., TX
- Capacity: 10mgd
- # of Current Employees: 10
- Budgeted Revenue: $5,870,333

Western Canyon Division Organizational Chart



* GBRA employee from another Division

Staffing Summary

Western Canyon	# of Authorized Positions (FTE)		
	2015	2016	2017
Plant Manager	1	1	1
Electrical/Instrumentation Technician	1	1	1
Chief Operator	1	1	2
Operator	4	4	5
Distribution/Plant Operator	3	3	2
Total	**10**	**10**	**11**

Changes from FY 2015 to FY 2016
1-Operator position was added.

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

Unfunded Positions in FY17: Plant Manager

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Budget Summary

Division: **Western Canyon**

Description

The Western Canyon Water Treatment Plant System, which began sending treated water to customers on April 3, 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, City of Bulverde, Tapatio Springs/Kendall County Utility Company, Johnson Ranch and Cordillera Ranch.

The Cordillera Water Distribution System is responsible for operating the Cordillera Ranch Subdivision retail water system.

The Cordillera Waste Water Treatment System is responsible for operating the Cordillera Ranch Subdivision sewer system including the wastewater treatment plant, collection system and the individual sewer grinder pumps for each house.

The Comal Trace Water System was purchased by GBRA in December of 2006. The Comal Trace Water Distribution system is responsible for operating the distribution system, wells and pump station.

The Johnson Ranch Water Distribution System began operations in June of 2009. New home construction began in 2014 and is expected to continue throughout FY 2016. New water distribution construction began in 2014 and is also expected to continue throughout FY 2016.

The Johnson Ranch Waste Water system collection system and wastewater treatment plant construction began in 2014 and is expected to start in FY 2016.

The Singing Hills Waste Water Treatment plant began construction in FY2015 and is expected to start in FY2016.

Objectives

The following objectives are the division's operating plan in working toward the goals and objectives as outlined in the mission statement.

WATER RESOURCE MANAGEMENT GOAL

Western Canyon WTP
To … use water efficiently by coordinating raw and treated water deliveries with no unscheduled downtime.

To … complete work plan tasks within 90% of budget projections.

Cordillera WDS
To … oversee/inspect water construction projects to ensure quality construction and to optimize the use of water wells and provide customers reminders to customers regarding water conservation.

Cordillera WWTP
To … oversee/inspect wastewater construction projects to ensure quality construction.

Comal Trace WDS
To … optimize the use of water wells and provide reminders to customers regarding water conservation.

Johnson Ranch WDS
To … oversee/inspect water and wastewater construction projects to ensure quality construction

Johnson Ranch WWTP
To … meet or exceed Texas Commission on Environmental Quality and Environmental Protection Agency wastewater quality requirements.

Singing Hills WWTP
To … meet or exceed Texas Commission on Environmental Quality and Environmental Protection Agency wastewater quality requirements.

WATER QUALITY GOAL

Western Canyon WTP
To … meet or exceed Texas Commission on Environmental Quality and Environmental Protection Agency water quality requirements.

To … meet or exceed all water quality goals as outlined in the System's work plan and contract documents.

To … continue the reduction of T.H.M. formation through treatment techniques and testing.

Cordillera WDS
To … meet or exceed Texas Commission on Environmental Quality and Environmental Protection Agency water quality requirements.

Cordillera WWTP
To … meet or exceed Texas Commission on Environmental Quality and Environmental Protection Agency wastewater quality requirements.

Comal Trace WDS
To … meet or exceed Texas Commission on Environmental Quality and Environmental Protection Agency wastewater quality requirements.

Johnson Ranch WDS and WWTP
To … meet or exceed Texas Commission on Environmental Quality and Environmental Protection Agency water quality requirements.

Singing Hills WWTP
To … meet or exceed Texas Commission on Environmental Quality and Environmental Protection Agency wastewater quality requirements.

PUBLIC SERVICES GOAL

Western Canyon WTP
To … supply high quality potable water in quantities requested by the Customers and as outlined in the Customer contracts.

To … remain aware of local issues as related to water quality.

Cordillera WDS
To … meet with Cordillera owners twice per year to discuss Cordillera water system operations.

Cordillera WWTP
To … meet with Cordillera owners twice per year to discuss Cordillera wastewater operations.

Comal Trace WDS
To … meet with Comal Trace Home Owners Association Board once per year to discuss Comal Trace water operations.

Johnson Ranch WDS and WWTP
To … meet with Johnson Ranch owners once per year to discuss Johnson Ranch water system and wastewater system operations.

Singing Hills WWTP
To … meet with City of Bulverde officials monthly to discuss the Singing Hills plant operations.

ECONOMIC DEVELOPMENT GOAL

Western Canyon WTP
To … deal with all individuals we come into contact with as a potential customer.

To … assist in studies for delivering high quality potable water to entities located in the Plant service area.

To … maintain the plant as a "show place" and produce superior water.

To … participate in volunteer efforts in our community.

Cordillera WDS
To … deal with all individuals we come into contact with as a potential customer.

Cordillera WWTP
To … deal with all individuals we come into contact with as a potential customer.

Comal Trace WDS
To … deal with all individuals we come into contact with as a potential customer.

Johnson Ranch WDS and WWTP
To … deal with all individuals we come into contact with as a potential customer.

Singing Hills WWTP
To … meet the reuse water needs of our customers.

TECHNICAL ASSISTANCE AND SUPPORT GOAL

Western Canyon WTP
To … work toward a maximum degree of water treatment training, licensing and certification for all employees.

To … provide assistance in regional potable water quality and supply studies.

Cordillera WDS
To … work toward a maximum degree of water treatment training, licensing and certification for all employees.

To … provide assistance in regional potable water quality and supply studies.

Cordillera WWTP
To … work toward a maximum degree of wastewater treatment training, licensing and certification for all employees.

To … provide assistance in regional potable water quality and wastewater service studies.

Comal Trace WDS
To … work toward a maximum degree of water treatment training, licensing and certification for all employees.

To … provide assistance in regional potable water quality and supply studies.

Johnson Ranch WDS and WWTP
To … work toward a maximum degree of water treatment training, licensing and certification for all employees.

To … provide assistance in regional potable water quality and supply studies.

Singing Hills WWTP

To … work toward a maximum degree of wastewater treatment training, licensing and certification for all employees.

To … provide assistance in regional reuse water quality and supply studies

COMMUNICATION AND EDUCATION

Western Canyon WTP
To … maintain a positive public image and professional attitude.

To … host educational tours and serve as a TEEX training location as requested.

To … operate in a team environment that allows for efficient internal and external communications.

Cordillera WDS
To … provide all Customers with the annual Consumer Confidence Report that outlines the quality of their drinking water.

Cordillera WWTP
To … host educational tours at the Cordillera WWTP.

Comal Trace WDS

To … provide all Customers with the annual Consumer Confidence Report that outlines the quality of their drinking water.

Johnson Ranch WDS and WWTP

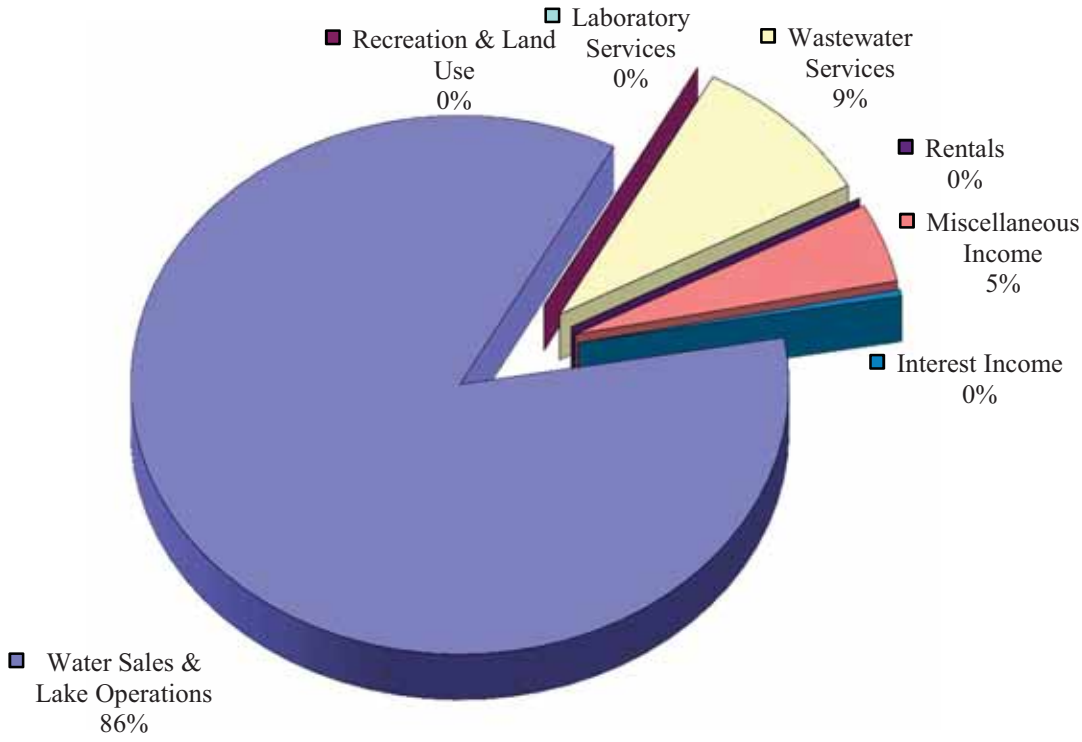
To … maintain a positive public image and professional attitude.

Singing Hills WWTP

To … maintain a positive public image and professional attitude.

Budget Summary

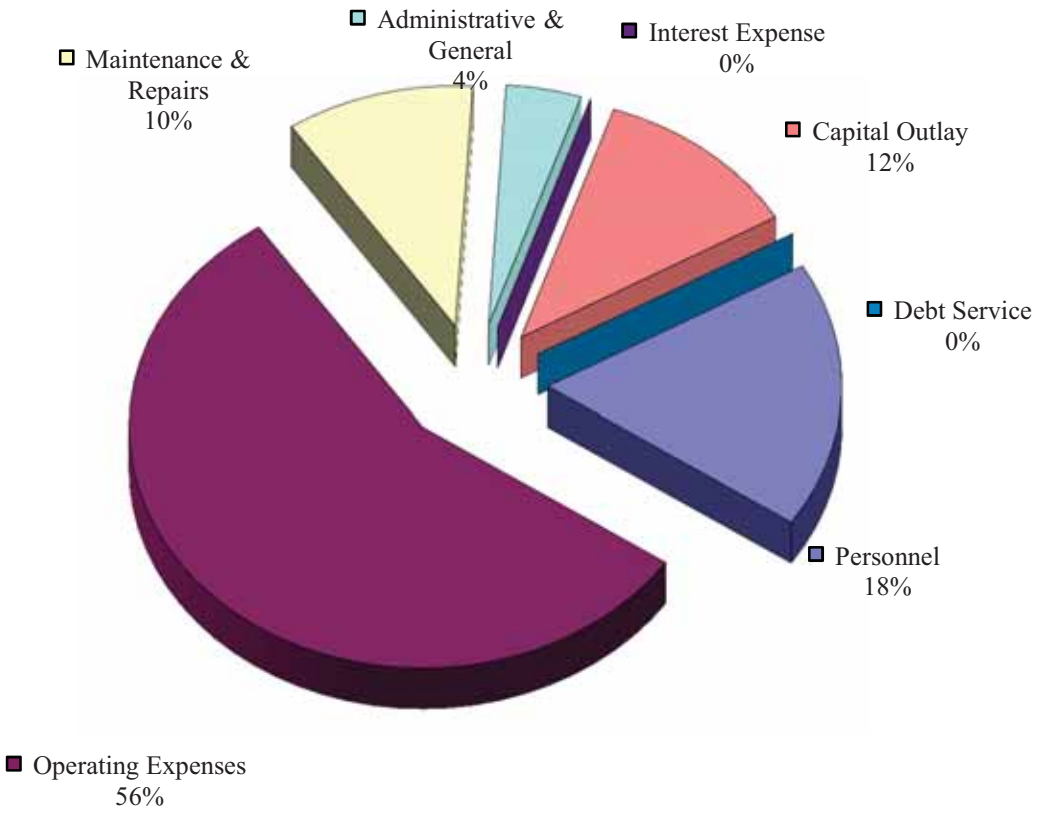
REVENUES - Western Canyon



Revenues	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	4,736,816	4,680,500	5,040,006
Recreation & Land Use			
Wastewater Services	240,845	362,295	549,264
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	706,770	349,783	281,063
Total Operating Revenue	**5,684,431**	**5,392,578**	**5,870,333**
Interest Income	13,716	12,960	23,640
Grand Total Revenues	**5,698,147**	**5,405,538**	**5,893,973**

Budget Summary

EXPENSES - Western Canyon



Expenses	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Personnel	861,155	1,073,529	1,053,804
Operating Expenses	2,666,452	2,872,646	3,315,152
Maintenance & Repairs	900,492	601,550	614,000
Administrative & General	200,399	250,151	245,751
Total Operating Expenses	**4,628,499**	**4,797,876**	**5,228,708**
Interest Expense Capital Outlay Debt Service	456,717	527,000	683,000
Grand Total Expenses	**5,085,215**	**5,324,876**	**5,911,708**

Western Canyon Division
Western Canyon Water Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/17

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 rate charged to the customers is $1.04 per thousand gallons and this rate is budgeted to remain the same in FY 2017. Included within this rate is the need to raise sufficient revenue to conduct a 3-4 year membrane replacement program due to the existing membranes starting to approach the end of their expected service lives. This project added a cost of $.09 per thousand gallons to the previous rate.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Capital additions include $75,000 for upgrading the SCADA system. Funds for the upgrade will also be provided from the rate charged to customers.

A second significant capital addition project is the membrane replacement project mentioned above. GBRA intends to continue with the approximately $1.4 million project during FY 2017 with an expenditure of approximately $360,000, and continue the project over the remaining year (2018) until all membranes are replaced within the plant.

A significant capital expense is the impending replacement of the LaserTrack turbidity units. These units are required by TCEQ for continuous water quality monitoring in each membrane rack. The units have been obsolete for many years and repair parts for them have not been produced in several years, therefore, repair parts are almost unavailable in the market. The new model units will not be available until the end of 2016.

Additional capital expenses are the replacement of a 15 year old pickup truck and the purchase of a truck with a crane for the expanding water distribution/wastewater services group.

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.

The principal operating expenditures budgeted for FY 2017 includes total power costs of $1,400,000. This includes the electrical power for the Western Canyon WTP, the raw water pump station, the Ammann Road booster pump station, and the Highway 3351 booster pump station. Chemical costs of $356,000, 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 $105,000.

FUND BALANCE

Funds for the above listed capital additions and maintenance projects in addition to all of the other operating expenditures that are summarized in the following pages will be provided from revenues from customer billings as well as funds accumulated in prior years. In the upcoming FY 2017, the change in fund balance is expected to be approximately $13,200.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

050 - WESTERN CANYON WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WATER SALES & LAKE OPERATIONS:			
W.C.-PLANT O&M	3,795,500	3,920,040	124,540
Total WATER SALES & LAKE OPERATIONS	**3,795,500**	**3,920,040**	**124,540**
TOTAL OPERATING REVENUES	**3,795,500**	**3,920,040**	**124,540**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	21,024	24,101	3,077
SUPERVISION	92,877	53,468	(39,408)
LABOR	208,634	262,543	53,909
Total OPERATING SALARIES & WAGES	**322,535**	**340,112**	**17,577**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	3,500	3,600	100
EMPLOYEE BENEFITS	166,296	166,374	79
Total EMPLOYEE EXPENSES & BENEFITS	**169,796**	**169,974**	**179**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	19,000	19,000	
EQUIPMENT RENTAL	2,500	3,000	500
PUBLIC INFORMATION		500	500
DUES AND MEMBERSHIPS	1,000	1,200	200
PUBLICATIONS AND BOOKS	300	300	
SMALL TOOLS EXPENSE	10,000	10,000	
TRACTORS AND EQUIPMENT	3,000	5,000	2,000
UNIFORMS AND LAUNDRY	4,500	4,500	
PROCESS/SPECIAL OPERATING	500	500	
BIOSOLIDS DISPOSAL COSTS	145,000	150,000	5,000
TRAINING EXPENSES	7,000	7,000	
SAFETY & EMERG. EXPENSES	7,000	7,000	
SECURITY EXPENSE	3,000	3,000	
POWER & UTILITIES-TREATED WTR	430,000	430,000	
POWER & UTILITIES-RAW WATER	800,000	800,000	
POWER & UTILITIES-AMMAN RD	160,000	160,000	
POWER & UTILITIES-FM3351	9,500	10,000	500
AUXILLARY POWER EXPENSE	4,000	4,000	
CHLORINE	16,000	16,000	
ALUM/FERRIC/CITRIC ACID	285,000	285,000	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

050 - WESTERN CANYON WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
POLYMER	5,000	5,000	
SODIUM HYDROXIDE	20,000	20,000	
SODIUM HYPOCHLORITE	30,000	30,000	
LAB SUPPLIES & EXPENSES	50,000	50,000	
C.I.P. DISPOSAL EXPENSES	85,000	105,000	20,000
PROFESSIONAL FEES	30,000	190,000	160,000
CONTRACT LABOR	5,000	20,000	15,000
INSPECTION FEES	1,500	1,500	
COMMUNICATIONS	8,000	8,000	
OFFICE SUPPLIES & EXPENSES	7,000	7,000	
COMPUTER SUPPLIES & SERVICE	10,000	10,000	
BANK SERVICE FEES	1,000	1,000	
INSURANCE EXPENSE	46,200	46,200	
MISCELLANEOUS EXPENSES	3,000	3,000	
Total OPERATING SUPPLIES & SERVICES	**2,209,000**	**2,412,700**	**203,700**
MAINTENANCE & REPAIR			
LABOR	88,072	70,690	(17,382)
MATERIAL	146,000	147,000	1,000
SERVICES	185,950	198,000	12,050
Total MAINTENANCE & REPAIR	**420,022**	**415,690**	**(4,332)**
TOTAL OPERATING & MAINTENANCE	**3,121,352**	**3,338,476**	**217,123**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	135,500	135,564	64
Total ADMINISTRATIVE & GENERAL	**135,500**	**135,564**	**64**
TOTAL OPERATING EXPENSES	**3,256,853**	**3,474,040**	**217,187**
NET OPERATING INCOME	**538,647**	**446,000**	**(92,647)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

050 - WESTERN CANYON WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	3,795,500	3,920,040	124,540
OPERATING EXPENSES	(3,256,853)	(3,474,040)	(217,187)
NET OPERATING INCOME	**538,647**	**446,000**	**(92,647)**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON OPERATING FUNDS	8,400	13,200	4,800
Total INTEREST INCOME	**8,400**	**13,200**	**4,800**
TOTAL NON-OPERATING REVENUES (EXPENSES)	**8,400**	**13,200**	**4,800**
CHANGE IN NET ASSETS	**547,047**	**459,200**	**(87,847)**
DEBT CAPITAL			
BONDS RECIEVABLE		3,304,910	3,304,910
NEW EQUIP LOAN REC.		175,000	175,000
Total DEBT CAPITAL		**3,479,910**	**3,479,910**
TOTAL FUNDS AVAILABLE	**547,047**	**3,939,110**	**3,392,063**
PURCHASES OF FIXED ASSETS			
SPECIALIZED OPER. EQUIPMENT	93,000		(93,000)
AUTO & HEAVY EQUIPMENT		221,000	221,000
OFFICE FURN & EQUIPMENT	32,000	40,000	8,000
MISCELLANEOUS EQUIPMENT	360,000	360,000	
Total PURCHASES OF FIXED ASSETS	**485,000**	**621,000**	**136,000**
WORK IN PROGRESS			
WIP-OPERATING		3,304,910	3,304,910
Total WORK IN PROGRESS		**3,304,910**	**3,304,910**
DEBT SERVICE			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

050 - WESTERN CANYON WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
TOTAL FUNDS APPLIED	485,000	3,925,910	3,440,910
NET CHANGE IN FUND BALANCE	62,047	13,200	(48,847)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

050 - WESTERN CANYON WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	11,545	16,015	4,470
STA- CLERICAL	9,479	8,086	(1,393)
Total STAFF TECHNICAL ASSISTANCE	**21,024**	**24,101**	**3,077**
SUPERVISION:			
SUPERVISION	92,877	53,468	(39,408)
Total SUPERVISION	**92,877**	**53,468**	**(39,408)**
OPERATING LABOR:			
CLERICAL	558	410	(147)
REG- OPERATING LABOR	176,210	222,806	46,596
OVT- OPERATING LABOR	31,866	39,326	7,460
Total OPERATING LABOR	**208,634**	**262,543**	**53,909**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	81,216	62,934	(18,282)
Total M&R-LABOR	**81,216**	**62,934**	**(18,282)**
M&R-OVERTIME:			
OVT/LBR- OTHER	6,856	7,756	900
Total M&R-OVERTIME	**6,856**	**7,756**	**900**
Total MAINTENANCE & REPAIR	**88,072**	**70,690**	**(17,382)**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**410,607**	**410,801**	**195**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

050 - WESTERN CANYON WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	81,216	62,934	(18,282)
OVT/LBR- OTHER	6,856	7,756	900
Total LABOR	**88,072**	**70,690**	**(17,382)**
MATERIAL:			
M&R/MAT- GROUNDS	1,500	1,500	
M&R/MAT- BUILDING	1,500	2,000	500
M&R/MAT- CHEM FEED SYSTEM	15,000	15,000	
M&R/MAT- FILTERS	500	1,000	500
M&R/MAT- CLEARWELL	1,500	1,500	
M&R/MAT- H.S. PUMPSTATION	1,500	1,500	
M&R/MAT- PONDS & LAGOONS	3,000	3,000	
M&R/MAT- ELECTRICAL/INSTRUMNT	6,000	6,000	
M&R/MAT- COMPRESSED AIR SYSTEM	4,500	4,500	
M&R/MAT- TRUCK	2,000	2,000	
M&R/MAT- TOOLS & EQUIPMENT	3,000	3,000	
M&R/MAT- ROADS	2,000	2,000	
M&R/MAT- H.S. METER	500	500	
M&R/MAT- SCADA	17,500	17,500	
M&R/MAT- MEMBRANE SYSTEM	55,000	55,000	
M&R/MAT- FLOC	1,500	1,500	
M&R/MAT- R.W. PUMP STATION	12,000	12,000	
M&R/MAT- T.W. PUMP STATION	8,000	8,000	
M&R/MAT- R.W. TRANS. LINE	2,000	2,000	
M&R/MAT- T.W. TRANS. LINE	6,000	6,000	
M&R/MAT- OTHER	1,500	1,500	
Total MATERIAL	**146,000**	**147,000**	**1,000**
SERVICES:			
M&R/SER- GROUNDS	10,000	10,000	
M&R/SER- BUILDING	10,000	15,000	5,000
M&R/SER- CHEM FEED SYSTEM	4,000	5,000	1,000
M&R/SER- FILTERS	500	500	
M&R/SER- CLEARWELL	2,500	2,500	
M&R/SER- H.S. PUMPSTATION	5,000	5,000	
M&R/SER- PONDS & LAGOONS	2,500	2,500	
M&R/SER- ELECTRICAL/INSTRUMNT	35,000	35,000	
M&R/SER- COMPRESSED AIR SYSTEM	25,000	25,000	
M&R/SER- TRUCK	1,000	2,000	1,000
M&R/SER- TOOLS & EQUIPMENT	500	500	
M&R/SER- ROADS	1,500	1,500	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

050 - WESTERN CANYON WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/SER- H.S. METER	500	500	
M&R/SER- PREDICTIVE MAINT		5,000	5,000
M&R/SER- SCADA	15,000	15,000	
M&R/SER- MEMBRANE SYSTEM	15,000	15,000	
M&R/SER- FLOC	500	500	
M&R/SER- R.W. PUMP STATION	40,000	40,000	
M&R/SER- T.W. PUMP STATION	5,000	5,000	
M&R/SER- R.W. TRANS LINE	5,500	5,500	
M&R/SER- T.W. TRANS LINE	4,000	4,000	
M&R/SER- OTHER	2,950	3,000	50
Total SERVICES	**185,950**	**198,000**	**12,050**
TOTAL MAINTENANCE & REPAIR	**420,022**	**415,690**	**(4,332)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

050 - WESTERN CANYON WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - OPERATING			
WESTERN CANYON DBP REMOVAL-SER		3,304,910	3,304,910
Total		**3,304,910**	**3,304,910**
TOTAL WIP - OPERATING		**3,304,910**	**3,304,910**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

WESTERN CANYON WTP

	FY 2017 BUDGET
AUTO & HEAVY EQUIPMENT	
COMPUTER EQUIPMENT	3,000
FRONT LOADER WITH BRUSH CUTTER	20,000
LASER TRACK TURBIDIMETERS	55,000
OFFICE COPIER	8,000
SCADA UPGRADES	75,000
TRUCK TO REPLACE CRANE DISTRIBUTION TRUCK	30,000
TRUCK TO REPLACE TRUCK 205	30,000
Total AUTO & HEAVY EQUIPMENT	**221,000**
OFFICE FURN. & EQUIP.	
TTHM ANALYZER	40,000
Total OFFICE FURN. & EQUIP.	**40,000**
MISCELLANEOUS EQUIPMENT	
REPLACEMENT MODULES	360,000
Total MISCELLANEOUS EQUIPMENT	**360,000**
TOTAL CAPITAL ADDITIONS	**621,000**

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Western Canyon Division
Cordillera Ranch Subdivision Water System
Operating Plan for Fiscal Year Ending 8/31/17

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 $592,144 during FY 2017. This is an approximate 17.3% increase over FY 2016 budgeted revenue, but it is not the result of an increase in rates but rather, is a result of an increase in the number of connections and a higher water consumption within the subdivision than previously anticipated.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Operating expenses include $35,000 for electric cost of operating the pump stations, $10,000 for water meters, $3,000 for operating chemicals and $49,650 of material and services related to maintaining and repairing booster pumps, water wells and the distribution system. Capital Additions for FY 2017 include a 12 inch valve at a cost of $10,000 and water tank replacement at a cost of approximately $20,000.

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. In-house training programs will be held on first aid, CPR, hazard communications and team training.

One additional area of significant cost is titled "Interdivision Water Purchases" totaling $326,244. This cost includes payments to other GBRA divisions for the storage, treatment, and transmission of water to the Cordillera Water System. Year-over-year, the budgeted cost for interdivision water purchases is projected to increase $42,244 or 14.8%. 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 $38,206 and thus an increase in fund balance of that same amount is anticipated.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

052 - CORDILLERA WDS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WATER SALES & LAKE OPERATIONS:			
WATER SALES	457,000	544,144	87,144
WHOLESALE WATER SALES	48,000	48,000	
Total WATER SALES & LAKE OPERATIONS	**505,000**	**592,144**	**87,144**
MISCELLANEOUS INCOME:			
WATER CONNECT/INSPECT FEE-COR	39,600	25,500	(14,100)
MISCELLANEOUS REVENUES	3,962	4,502	540
Total MISCELLANEOUS INCOME	**43,562**	**30,002**	**(13,560)**
TOTAL OPERATING REVENUES	**548,562**	**622,146**	**73,584**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	29,957	17,833	(12,124)
SUPERVISION	7,685	2,060	(5,625)
LABOR	32,572	37,412	4,840
Total OPERATING SALARIES & WAGES	**70,214**	**57,305**	**(12,909)**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	2,000	800	(1,200)
EMPLOYEE BENEFITS	29,976	24,851	(5,125)
Total EMPLOYEE EXPENSES & BENEFITS	**31,976**	**25,651**	**(6,325)**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	2,000	3,800	1,800
EQUIPMENT RENTAL		500	500
PUBLIC INFORMATION		500	500
DUES AND MEMBERSHIPS	50	100	50
PUBLICATIONS AND BOOKS	75	25	(50)
SMALL TOOLS EXPENSE	1,070	250	(820)
WATER METERS	15,000	10,000	(5,000)
UNIFORMS AND LAUNDRY	150	500	350
TRAINING EXPENSES	200	200	
SAFETY & EMERG. EXPENSES	350	350	
SECURITY EXPENSE	100	100	
POWER AND UTILITIES	25,000	35,000	10,000
CHLORINE	3,000	3,000	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

052 - CORDILLERA WDS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
LAB SUPPLIES & EXPENSES	2,500	2,500	
PROFESSIONAL FEES	6,000	5,000	(1,000)
CORDILLERA PLANT EXPENSES	1,000	1,000	
INSPECTION FEES	2,440	2,000	(440)
COMMUNICATIONS	500	500	
OFFICE SUPPLIES & EXPENSES	500	500	
COMPUTER SUPPLIES & SERVICE	1,000	1,000	
INSURANCE EXPENSE	2,700	2,700	
MISCELLANEOUS EXPENSES	300	2,700	2,400
Total OPERATING SUPPLIES & SERVICES	**63,935**	**72,225**	**8,290**
MAINTENANCE & REPAIR			
LABOR	3,800	4,056	255
MATERIAL	28,900	32,300	3,400
SERVICES	11,350	17,350	6,000
Total MAINTENANCE & REPAIR	**44,050**	**53,706**	**9,655**
TOTAL OPERATING & MAINTENANCE	**210,175**	**208,887**	**(1,288)**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	24,425	20,249	(4,175)
Total ADMINISTRATIVE & GENERAL	**24,425**	**20,249**	**(4,175)**
WATER PURCHASES/DELIVERY:			
INTERDIVISION WATER PURCH	245,000	286,244	41,244
INTERDIV WATER PURCH-RAW	39,000	40,000	1,000
Total WATER PURCHASES/DELIVERY	**284,000**	**326,244**	**42,244**
TOTAL OPERATING EXPENSES	**518,600**	**555,380**	**36,781**
NET OPERATING INCOME	**29,962**	**66,766**	**36,803**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

052 - CORDILLERA WDS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	548,562	622,146	73,584
OPERATING EXPENSES	(518,600)	(555,380)	(36,781)
NET OPERATING INCOME	**29,962**	**66,766**	**36,803**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON OPERATING FUND	960	1,440	480
Total INTEREST INCOME	**960**	**1,440**	**480**
TOTAL NON-OPERATING REVENUES (EXPENSES)	**960**	**1,440**	**480**
CHANGE IN NET ASSETS	**30,922**	**68,206**	**37,283**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE	**30,922**	**68,206**	**37,283**
PURCHASES OF FIXED ASSETS			
STRUCTURES & IMPROVEMENTS	30,000	30,000	
Total PURCHASES OF FIXED ASSETS	**30,000**	**30,000**	
WORK IN PROGRESS			
DEBT SERVICE			
TOTAL FUNDS APPLIED	**30,000**	**30,000**	
NET CHANGE IN FUND BALANCE	**922**	**38,206**	**37,283**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

052 - CORDILLERA WDS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	22,422	11,845	(10,577)
STA- CLERICAL	7,535	5,988	(1,547)
Total STAFF TECHNICAL ASSISTANCE	**29,957**	**17,833**	**(12,124)**
SUPERVISION:			
SUPERVISION	7,685	2,060	(5,625)
Total SUPERVISION	**7,685**	**2,060**	**(5,625)**
OPERATING LABOR:			
CLERICAL	558	301	(257)
REG- OPERATING LABOR	24,551	29,955	5,404
OVT- OPERATING LABOR	7,463	7,156	(307)
Total OPERATING LABOR	**32,572**	**37,412**	**4,840**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	2,895	3,090	195
Total M&R-LABOR	**2,895**	**3,090**	**195**
M&R-OVERTIME:			
OVT/LBR- OTHER	905	966	61
Total M&R-OVERTIME	**905**	**966**	**61**
Total MAINTENANCE & REPAIR	**3,800**	**4,056**	**255**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**74,014**	**61,361**	**(12,653)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

052 - CORDILLERA WDS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	2,895	3,090	195
OVT/LBR- OTHER	905	966	61
Total LABOR	**3,800**	**4,056**	**255**
MATERIAL:			
M&R MAT- CORDILLERA METERS	7,100	10,000	2,900
M&R/MAT- PUMPS AND MOTORS	5,500	5,500	
M&R/MAT- SCADA	1,000	1,000	
M&R/MAT- WATER SYSTEM	14,500	15,000	500
M&R/MAT- WATER WELL	800	800	
Total MATERIAL	**28,900**	**32,300**	**3,400**
SERVICES:			
M&R/SER- CORDILLERA METERS	350	350	
M&R/SER- PUMPS AND MOTORS	2,000	2,000	
M&R/SER- SCADA	1,000	1,000	
M&R SER- GEN. OFFICE BLDG		6,000	6,000
M&R/SER- WATER SYSTEM	3,000	3,000	
M&R/SER- WATER WELL	5,000	5,000	
Total SERVICES	**11,350**	**17,350**	**6,000**
TOTAL MAINTENANCE & REPAIR	**44,050**	**53,706**	**9,655**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

CORDILLERA WDS

	FY 2017 BUDGET
STRUCTURES & IMPROVEMENTS	
12 INCH VALVE ON RIO CORDILLERA	10,000
REPLACEMENT TANK FOR UNIT 104	20,000
Total STRUCTURES & IMPROVEMENTS	**30,000**
TOTAL CAPITAL ADDITIONS	**30,000**

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Western Canyon Division
Cordillera Ranch Subdivision Sewer System
Operating Plan for Fiscal Year Ending 8/31/17

BACKGROUND

GBRA's Cordillera Ranch Sewer System is responsible for operating the Cordillera Ranch Subdivision sewer system including the collection system and the individual sewer grinder pumps for each house.

REVENUE SOURCES AND TRENDS

Revenues are obtained through connection fees for sewer service and monthly sewer service fees. Total revenue projected for FY 2017 is $277,558 which is a 21% increase over the FY 2016 budget amount. Approximately $23,000 of this increase comes from connection fees while $25,250 comes from monthly service fees. These increases are primarily the result of additional customers being added to the system as the Cordillera development continues to build out.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Capital additions and significant operating expenses for the ensuing fiscal year include $30,000 for the purchase of additional sewer grinder pump systems, a $35,000 SCADA upgrade, $15,000 for biosolids disposal costs, $30,000 power and utilities costs, and $9,000 for laboratory expenses. Of these cost centers the $30,000 for power costs is an added cost of the system since the developer has heretofore paid this cost.

Another significant cost for FY 2017 is $20,000 for tank covers.

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 $900.

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GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

053 - CORDILLERA WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WASTEWATER SERVICES:			
SEWER FEES-CORDILLERA	160,308	185,558	25,250
Total WASTEWATER SERVICES	**160,308**	**185,558**	**25,250**
MISCELLANEOUS INCOME:			
SEWER CONNECT/INSPECT FEE-CO	69,000	92,000	23,000
Total MISCELLANEOUS INCOME	**69,000**	**92,000**	**23,000**
TOTAL OPERATING REVENUES	**229,308**	**277,558**	**48,250**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	5,576	8,771	3,195
SUPERVISION	4,737	1,766	(2,971)
LABOR	29,750	34,432	4,682
Total OPERATING SALARIES & WAGES	**40,063**	**44,969**	**4,907**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	900	900	
EMPLOYEE BENEFITS	17,765	19,855	2,091
Total EMPLOYEE EXPENSES & BENEFITS	**18,665**	**20,755**	**2,091**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	250	1,500	1,250
EQUIPMENT RENTAL		1,000	1,000
PUBLIC INFORMATION		200	200
DUES AND MEMBERSHIPS	50	150	100
PUBLICATIONS AND BOOKS	75	50	(25)
SMALL TOOLS EXPENSE	300	300	
TRACTORS AND EQUIPMENT		250	250
UNIFORMS AND LAUNDRY	150	500	350
BIOSOLIDS DISPOSAL COSTS	15,000	15,000	
TRAINING EXPENSES	300	300	
SAFETY & EMERG. EXPENSES	500	500	
SECURITY EXPENSE	250	250	
POWER AND UTILITIES	1,200	30,000	28,800
AUXILLARY POWER EXPENSE	4,000	4,000	
OPERATING CHEMICALS	500	500	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

053 - CORDILLERA WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
CHLORINE	800	900	100
LAB SUPPLIES & EXPENSES	9,000	9,000	
PROFESSIONAL FEES	1,300	1,300	
INSPECTION FEES	1,500	1,500	
COMMUNICATIONS	3,600	3,500	(100)
OFFICE SUPPLIES & EXPENSES	500	500	
COMPUTER SUPPLIES & SERVICE	1,750	1,700	(50)
INSURANCE EXPENSE	2,300	2,300	
MISCELLANEOUS EXPENSES	300	500	200
Total OPERATING SUPPLIES & SERVICES	**43,625**	**75,700**	**32,075**
MAINTENANCE & REPAIR			
LABOR	3,800	4,056	255
MATERIAL	81,500	71,500	(10,000)
SERVICES	21,500	23,500	2,000
Total MAINTENANCE & REPAIR	**106,800**	**99,056**	**(7,745)**
TOTAL OPERATING & MAINTENANCE	**209,152**	**240,480**	**31,328**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	14,475	16,178	1,704
Total ADMINISTRATIVE & GENERAL	**14,475**	**16,178**	**1,704**
TOTAL OPERATING EXPENSES	**223,627**	**256,658**	**33,031**
NET OPERATING INCOME	**5,681**	**20,900**	**15,219**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

053 - CORDILLERA WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	229,308	277,558	48,250
OPERATING EXPENSES	(223,627)	(256,658)	(33,031)
NET OPERATING INCOME	**5,681**	**20,900**	**15,219**
NON-OPERATING REVENUES (EXPENSES)			
TOTAL NON-OPERATING REVENUES (EXPENSES)			
CHANGE IN NET ASSETS	**5,681**	**20,900**	**15,219**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE	**5,681**	**20,900**	**15,219**
PURCHASES OF FIXED ASSETS			
AUTO & HEAVY EQUIPMENT		20,000	20,000
Total PURCHASES OF FIXED ASSETS		**20,000**	**20,000**
WORK IN PROGRESS			
DEBT SERVICE			
TOTAL FUNDS APPLIED		**20,000**	**20,000**
NET CHANGE IN FUND BALANCE	**5,681**	**900**	**(4,781)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

053 - CORDILLERA WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	1,587	2,855	1,268
STA- CLERICAL	3,989	5,916	1,927
Total STAFF TECHNICAL ASSISTANCE	**5,576**	**8,771**	**3,195**
SUPERVISION:			
SUPERVISION	4,737	1,766	(2,971)
Total SUPERVISION	**4,737**	**1,766**	**(2,971)**
OPERATING LABOR:			
CLERICAL	319	301	(18)
REG- OPERATING LABOR	19,385	25,225	5,840
OVT- OPERATING LABOR	10,046	8,906	(1,140)
Total OPERATING LABOR	**29,750**	**34,432**	**4,682**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	2,895	3,090	195
Total M&R-LABOR	**2,895**	**3,090**	**195**
M&R-OVERTIME:			
OVT/LBR- OTHER	905	966	61
Total M&R-OVERTIME	**905**	**966**	**61**
Total MAINTENANCE & REPAIR	**3,800**	**4,056**	**255**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**43,863**	**49,025**	**5,162**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

053 - CORDILLERA WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	2,895	3,090	195
OVT/LBR- OTHER	905	966	61
Total LABOR	**3,800**	**4,056**	**255**
MATERIAL:			
M&R/MAT- PUMPS AND MOTORS	4,500	4,500	
M&R/MAT- TOOLS & EQUIPMENT		500	500
M&R/MAT- WWTP BIOSOLIDS REMOVL	500	500	
M&R/MAT- WWTP SCADA	35,000	30,000	(5,000)
M&R/MAT- SEWER PUMP	35,000	30,000	(5,000)
M&R/MAT- SEWER LINE	3,000	2,000	(1,000)
M&R/MAT- WWTP MAINT EXPENSES	3,500	4,000	500
Total MATERIAL	**81,500**	**71,500**	**(10,000)**
SERVICES:			
M&R/SER- PUMPS AND MOTORS	4,000	4,000	
M&R/SER- TOOLS & EQUIPMENT		500	500
M&R/SER- WWTP BIOSOLIDS REMOVL	2,000	2,000	
M&R/SER- WWTP SCADA	2,000	2,000	
M&R/SER- GEN. OFFICE BLDG		500	500
M&R/SER- SEWER TANK PUMPING		1,000	1,000
M&R/SER- SEWER PUMP	8,000	8,000	
M&R/SER- SEWER LINE	1,500	1,500	
M&R/SER- WWTP MAINT EXPENSES	4,000	4,000	
Total SERVICES	**21,500**	**23,500**	**2,000**
TOTAL MAINTENANCE & REPAIR	**106,800**	**99,056**	**(7,745)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

CORDILLERA WWTP

	FY 2017 BUDGET
AUTO & HEAVY EQUIPMENT	
REPLACE TANK COVERS	20,000
Total AUTO & HEAVY EQUIPMENT	**20,000**
TOTAL CAPITAL ADDITIONS	**20,000**

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Western Canyon Division
Comal Trace Water Distribution System
Operating Plan for Fiscal Year Ending 8/31/17

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 $244,730 in FY 2017. This represents a $24,730 or 11.2% increase in revenues and reflects a higher water use within the subdivision than was previously budgeted.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Operating expenses include $87,440 for interdivisional water transfer costs from the Western Canyon Regional Water Supply Project. This expense amount is similarly budgeted to increase approximately 11% coincident with the higher amount of water anticipated to be sold to and used by residents of the Comal Trace subdivision. Additional significant costs include $43,300 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 FY2017 is $47,798.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

054 - COMAL TRACE WDS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WATER SALES & LAKE OPERATIONS:			
WATER SALES	220,000	244,730	24,730
Total WATER SALES & LAKE OPERATIONS	**220,000**	**244,730**	**24,730**
MISCELLANEOUS INCOME:			
WATER CONNECT/INSPECT FEES	7,425	8,000	575
MISCELLANEOUS REVENUES	800	2,882	2,082
Total MISCELLANEOUS INCOME	**8,225**	**10,882**	**2,657**
TOTAL OPERATING REVENUES	**228,225**	**255,612**	**27,387**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	9,501	8,980	(521)
SUPERVISION	2,503	2,207	(296)
LABOR	17,723	14,061	(3,662)
Total OPERATING SALARIES & WAGES	**29,727**	**25,248**	**(4,479)**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	800	800	
EMPLOYEE BENEFITS	12,895	10,825	(2,069)
Total EMPLOYEE EXPENSES & BENEFITS	**13,695**	**11,625**	**(2,069)**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	500	500	
EQUIPMENT RENTAL		500	500
PUBLIC INFORMATION		200	200
DUES AND MEMBERSHIPS		50	50
PUBLICATIONS AND BOOKS		50	50
TRACTORS AND EQUIPMENT		100	100
WATER METERS	5,000		(5,000)
UNIFORMS AND LAUNDRY		500	500
TRAINING EXPENSES		100	100
SAFETY & EMERG. EXPENSES	400	400	
SECURITY EXPENSE	250	250	
POWER AND UTILITIES	10,000	10,000	
CHLORINE	450	450	
LAB SUPPLIES & EXPENSES	2,800	2,500	(300)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

054 - COMAL TRACE WDS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
PROFESSIONAL FEES	4,000	4,000	
INSPECTION FEES	850	850	
COMMUNICATIONS	700	700	
OFFICE SUPPLIES & EXPENSES	400	400	
COMPUTER SUPPLIES & SERVICES	700	700	
INSURANCE EXPENSE	2,300	2,300	
MISCELLANEOUS EXPENSES	500	500	
Total OPERATING SUPPLIES & SERVICES	**28,850**	**25,050**	**(3,800)**
MAINTENANCE & REPAIR			
LABOR	2,111	1,481	(631)
MATERIAL	25,400	25,400	
SERVICES	18,750	19,750	1,000
Total MAINTENANCE & REPAIR	**46,261**	**46,631**	**369**
TOTAL OPERATING & MAINTENANCE	**118,533**	**108,554**	**(9,979)**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	10,507	8,820	(1,686)
Total ADMINISTRATIVE & GENERAL	**10,507**	**8,820**	**(1,686)**
WATER PURCHASES/DELIVERY:			
INTERDIVISION WATER PURCH	78,775	87,440	8,665
Total WATER PURCHASES/DELIVERY	**78,775**	**87,440**	**8,665**
TOTAL OPERATING EXPENSES	**207,815**	**204,814**	**(3,000)**
NET OPERATING INCOME	**20,410**	**50,798**	**30,387**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

054 - COMAL TRACE WDS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	228,225	255,612	27,387
OPERATING EXPENSES	(207,815)	(204,814)	3,000
NET OPERATING INCOME	**20,410**	**50,798**	**30,387**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON OPERATING FUNDS	3,600	9,000	5,400
Total INTEREST INCOME	**3,600**	**9,000**	**5,400**
TOTAL NON-OPERATING REVENUES (EXPENSES)	**3,600**	**9,000**	**5,400**
CHANGE IN NET ASSETS	**24,010**	**59,798**	**35,787**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE	**24,010**	**59,798**	**35,787**
PURCHASES OF FIXED ASSETS			
AUTO & HEAVY EQUIPMENT	12,000	12,000	
Total PURCHASES OF FIXED ASSETS	**12,000**	**12,000**	
WORK IN PROGRESS			
DEBT SERVICE			
TOTAL FUNDS APPLIED	**12,000**	**12,000**	
NET CHANGE IN FUND BALANCE	**12,010**	**47,798**	**35,787**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

054 - COMAL TRACE WDS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	1,517	3,090	1,573
STA- CLERICAL	7,984	5,890	(2,094)
Total STAFF TECHNICAL ASSISTANCE	**9,501**	**8,980**	**(521)**
SUPERVISION:			
SUPERVISION	2,503	2,207	(296)
Total SUPERVISION	**2,503**	**2,207**	**(296)**
OPERATING LABOR:			
CLERICAL	345	301	(44)
REG- OPERATING LABOR	15,979	12,319	(3,660)
OVT- OPERATING LABOR	1,399	1,442	42
Total OPERATING LABOR	**17,723**	**14,061**	**(3,662)**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	1,206	515	(691)
Total M&R-LABOR	**1,206**	**515**	**(691)**
M&R-OVERTIME:			
OVT/LBR- OTHER	905	966	61
Total M&R-OVERTIME	**905**	**966**	**61**
Total MAINTENANCE & REPAIR	**2,111**	**1,481**	**(631)**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**31,838**	**26,729**	**(5,110)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

054 - COMAL TRACE WDS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	1,206	515	(691)
OVT/LBR- OTHER	905	966	61
Total LABOR	**2,111**	**1,481**	**(631)**
MATERIAL:			
M&R/MAT- PUMPS	3,000	3,000	
M&R/MAT- EQUIPMENT	1,400	1,400	
M&R/MAT- METERS	8,000	8,000	
M&R/MAT- WELLS	3,000	3,000	
M&R/MAT- DISTRIBUTION SYSTEM	9,000	9,000	
M&R/MAT- OTHER	1,000	1,000	
Total MATERIAL	**25,400**	**25,400**	
SERVICES:			
M&R/SER- PUMPS	1,000	1,000	
M&R/SER- EQUIPMENT	750	750	
M&R/SER- METERS	500	500	
M&R/SER- WELLS	10,000	10,000	
M&R/SER- GEN. OFFICE BLDG		1,000	1,000
M&R/SER- DISTRIBUTION SYSTEM	4,000	4,000	
M&R/SER- OTHER	2,500	2,500	
Total SERVICES	**18,750**	**19,750**	**1,000**
TOTAL MAINTENANCE & REPAIR	**46,261**	**46,631**	**369**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

COMAL TRACE WDS

	FY 2017 BUDGET
AUTO & HEAVY EQUIPMENT	
2 PRESSURE REDUCING VALVES	12,000
Total AUTO & HEAVY EQUIPMENT	**12,000**
TOTAL CAPITAL ADDITIONS	**12,000**

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Western Canyon Division
Johnson Ranch Water Distribution System
Operating Plan for Fiscal Year Ending 8/31/17

BACKGROUND

GBRA initiated treated surface water deliveries from the Western Canyon Water Treatment Plant to the Johnson Ranch development in June 2009. At present time there are approximately 290 water connections, with approximately 120 homes inhabited. 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. Two water storage tanks and booster stations are now in service. Each tank has a storage capacity of approximately 250,000 gallons. Considerable residential construction is currently underway within the development and increased water deliveries should occur in FY 2017.

REVENUE SOURCES AND TRENDS

Revenues are obtained through connection fees for water service, tap fees, and monthly water service fees. Customer retail revenues are projected to be approximately $266,436 during FY 2017. As mentioned above, residential construction is rapidly progressing within the development and that is precipitating the $106,436 or 66% year-over-year increase in customer revenues. An additional $89,104 is expected to be received from connection fees/miscellaneous income.

CAPITAL ADDITIONS AND OPERATING EXPENSES

Operating expenses include $130,368 for interdivisional water transfer costs from the Western Canyon Regional Water Supply Project. Coincident with the significant increase in customer revenue due to much higher water demands within the subdivision, the cost of purchasing that water from GBRA's Western Canyon project is also significantly higher. On a year-over-year basis, interdivisional water costs are budgeted to increase 65% or $51,618. Another substantive operating cost is $37,100 for material and services related to maintaining and repairing the system. There is no capital additions planned for 2017.

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 $23,238.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

055 - JOHNSON RANCH WDS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WATER SALES & LAKE OPERATIONS:			
WATER SALES	160,000	266,436	106,436
WHOLESALE WATER SALES		16,656	16,656
Total WATER SALES & LAKE OPERATIONS	**160,000**	**283,092**	**123,092**
MISCELLANEOUS INCOME:			
WATER CONNECT/INSPECT FEE	120,000	76,800	(43,200)
CHARGES TO DEVELOPERS	47,678		(47,678)
MISCELLANEOUS REVENUES	8,405	12,304	3,899
Total MISCELLANEOUS INCOME	**176,083**	**89,104**	**(86,979)**
TOTAL OPERATING REVENUES	**336,083**	**372,196**	**36,113**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	64,395	48,121	(16,274)
SUPERVISION	2,036	1,177	(858)
LABOR	42,341	36,382	(5,959)
Total OPERATING SALARIES & WAGES	**108,772**	**85,680**	**(23,092)**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	800	800	
EMPLOYEE BENEFITS	44,937	35,613	(9,324)
Total EMPLOYEE EXPENSES & BENEFITS	**45,737**	**36,413**	**(9,324)**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	3,800	3,800	
EQUIPMENT RENTAL		500	500
PUBLIC INFORMATION		500	500
DUES AND MEMBERSHIPS	25	100	75
PUBLICATIONS AND BOOKS	25	25	
SMALL TOOLS EXPENSE	250	250	
TRACTORS AND EQUIPMENT		250	250
WATER METERS	1,500		(1,500)
UNIFORMS AND LAUNDRY	150	500	350
TRAINING EXPENSES	300	300	
SAFETY & EMERG. EXPENSES	200	200	
SECURITY EXPENSE	500	500	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

055 - JOHNSON RANCH WDS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
POWER AND UTILITIES	2,400	5,000	2,600
AUXILIARY POWER EXPENSE		2,000	2,000
OPERATING CHEMICALS	200	500	300
CHLORINE	250	800	550
ALUM/FERRIC/CITRIC ACID		600	600
LAB SUPPLIES & EXPENSES	525	3,500	2,975
PROFESSIONAL FEES		4,000	4,000
INSPECTION FEES	850	850	
COMMUNICATIONS	600	600	
OFFICE SUPPLIES & EXPENSES	200	200	
COMPUTER SUPPLIES & SERVICE	350	350	
INSURANCE EXPENSE	2,300	2,300	
MISCELLANEOUS EXPENSES	500	500	
Total OPERATING SUPPLIES & SERVICES	**14,925**	**28,125**	**13,200**
MAINTENANCE & REPAIR			
LABOR	2,184	2,253	70
MATERIAL	45,750	32,000	(13,750)
SERVICES	3,350	5,100	1,750
Total MAINTENANCE & REPAIR	**51,284**	**39,353**	**(11,930)**
TOTAL OPERATING & MAINTENANCE	**220,718**	**189,572**	**(31,146)**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	36,615	29,018	(7,597)
Total ADMINISTRATIVE & GENERAL	**36,615**	**29,018**	**(7,597)**
WATER PURCHASES/DELIVERY:			
INTERDIVISION WATER PURCH	67,750	111,816	44,066
INTERDIV WATER PURCH-RAW	11,000	18,552	7,552
Total WATER PURCHASES/DELIVERY	**78,750**	**130,368**	**51,618**
TOTAL OPERATING EXPENSES	**336,083**	**348,958**	**12,875**
NET OPERATING INCOME	**0**	**23,238**	**23,238**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

055 - JOHNSON RANCH WDS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	336,083	372,196	36,113
OPERATING EXPENSES	(336,083)	(348,958)	(12,875)
NET OPERATING INCOME	**0**	**23,238**	**23,238**
NON-OPERATING REVENUES (EXPENSES)			
TOTAL NON-OPERATING REVENUES (EXPENSES)			
CHANGE IN NET ASSETS	**0**	**23,238**	**23,238**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE	**0**	**23,238**	**23,238**
PURCHASES OF FIXED ASSETS			
WORK IN PROGRESS			
DEBT SERVICE			
TOTAL FUNDS APPLIED			
NET CHANGE IN FUND BALANCE	**0**	**23,238**	**23,238**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

055 - JOHNSON RANCH WDS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	53,149	38,504	(14,645)
STA- CLERICAL	11,246	9,617	(1,629)
Total STAFF TECHNICAL ASSISTANCE	**64,395**	**48,121**	**(16,274)**
SUPERVISION:			
SUPERVISION	2,036	1,177	(858)
Total SUPERVISION	**2,036**	**1,177**	**(858)**
OPERATING LABOR:			
CLERICAL	319	301	(18)
REG- OPERATING LABOR	35,205	29,378	(5,827)
OVT- OPERATING LABOR	6,817	6,703	(114)
Total OPERATING LABOR	**42,341**	**36,382**	**(5,959)**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	1,279	1,288	9
Total M&R-LABOR	**1,279**	**1,288**	**9**
M&R-OVERTIME:			
OVT/LBR- OTHER	905	966	61
Total M&R-OVERTIME	**905**	**966**	**61**
Total MAINTENANCE & REPAIR	**2,184**	**2,253**	**70**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**110,956**	**87,934**	**(23,022)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

055 - JOHNSON RANCH WDS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	1,279	1,288	9
OVT/LBR- OTHER	905	966	61
Total LABOR	**2,184**	**2,253**	**70**
MATERIAL:			
M&R MAT- METERS	25,000	10,000	(15,000)
M&R/MAT- PUMPS AND MOTORS	250	1,000	750
M&R/MAT- SCADA	500	500	
M&R/MAT- WATER SYSTEM	10,000	10,000	
M&R/MAT- DISTRIBUTION SYSTEM	10,000	10,000	
M&R/MAT- OTHER		500	500
Total MATERIAL	**45,750**	**32,000**	**(13,750)**
SERVICES:			
M&R/SER- METERS	600	600	
M&R/SER- PUMPS AND MOTORS	250	1,000	750
M&R/SER- SCADA	500	500	
M&R SER- GEN. OFFICE BLDG		500	500
M&R/SER- WATER SYSTEM	1,000	1,000	
M&R/SER- DISTRIBUTION SYSTEM	1,000	1,000	
M&R/SER- OTHER		500	500
Total SERVICES	**3,350**	**5,100**	**1,750**
TOTAL MAINTENANCE & REPAIR	**51,284**	**39,353**	**(11,930)**

Western Canyon Division
Johnson Ranch Wastewater Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/17

BACKGROUND

GBRA initiated treated surface water deliveries from the Western Canyon Water Treatment Plant to the Johnson Ranch development in June 2009. At the present time, there are approximately 187 residential customers of the Johnson Ranch Water Distribution System, plus the Comal I.S.D. elementary school is a customer of the system. 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 from customers are projected to be $121,327 during FY 2017 which is 73% or $51,327 more than the FY 2016 service fee budget. This significant increase is the result of the rapid development taking place within the Johnson Ranch System. An additional $53,533 from sewer connection and inspection fees, and $5,542 from miscellaneous revenues are also budgeted for FY 2017.

CAPITAL ADDITIONS AND OPERATING EXPENSES

The principal operating expenses for FY 2017 are personnel costs in the amount of $59,259. Another significant operating cost is a combined $25,000 for lab supplies and bio solids disposal. These costs represent the testing and removal of the treated wastewater and sludge from the plant. There are no capital improvement expenses planned for FY 2017.

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 $33,925.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

056 - JOHNSON RANCH WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WASTEWATER SERVICES:			
SEWER FEES-JOHNSON RANCH WWTP	70,000	121,327	51,327
Total WASTEWATER SERVICES	**70,000**	**121,327**	**51,327**
MISCELLANEOUS INCOME:			
SEWER CONNECT/INSPECT FEE-CO	40,000	53,533	13,533
CHARGES TO DEVELOPERS	12,913		(12,913)
MISCELLANEOUS REVENUES		5,542	5,542
Total MISCELLANEOUS INCOME	**52,913**	**59,075**	**6,162**
TOTAL OPERATING REVENUES	**122,913**	**180,402**	**57,489**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	3,799	7,143	3,344
SUPERVISION	2,036	1,177	(858)
LABOR	40,433	31,603	(8,829)
Total OPERATING SALARIES & WAGES	**46,268**	**39,924**	**(6,344)**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	250	300	50
EMPLOYEE BENEFITS	19,623	17,082	(2,541)
Total EMPLOYEE EXPENSES & BENEFITS	**19,873**	**17,382**	**(2,491)**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	250	2,500	2,250
EQUIPMENT RENTAL		500	500
PUBLIC INFORMATION		200	200
DUES & MEMBERSHIPS	50	200	150
PUBLICATIONS AND BOOKS	50	50	
SMALL TOOLS EXPENSE	300	500	200
TRACTORS AND EQUIPMENT		500	500
UNIFORMS AND LAUNDRY	50	500	450
PROCESS/SPECIAL OPERATING		500	500
BIOSOLID DISPOSAL COSTS	4,000	10,000	6,000
TRAINING EXPENSES	300	300	
SAFETY & EMERG. EXPENSE	200	300	100
SECURITY EXPENSE	250	250	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

056 - JOHNSON RANCH WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
POWER & UTILITIES	4,800	4,800	
AUXILLARY POWER EXPENSE	1,000	1,500	500
OPERATING CHEMICALS		300	300
CHLORINE	500	700	200
ALUM/FERRIC/CITRIC ACID	1,000	5,000	4,000
POLYMER		1,000	1,000
LAB SUPPLIES & EXPENSES	5,000	15,000	10,000
PROFESSIONAL FEES	450	1,500	1,050
INSPECTION/TESTING FEES	1,000	1,500	500
COMMUNICATIONS	300	500	200
OFFICE SUPPLIES & EXPENSES	200	1,000	800
COMPUTER SUPPLIES & SERVICES	1,000	1,000	
INSURANCE EXPENSE	2,300	2,300	
MISCELLANEOUS EXPENSES	500	1,500	1,000
Total OPERATING SUPPLIES & SERVICES	**23,500**	**53,900**	**30,400**
MAINTENANCE & REPAIR			
LABOR	2,184	2,253	70
MATERIAL	6,100	10,600	4,500
SERVICES	9,000	8,500	(500)
Total MAINTENANCE & REPAIR	**17,284**	**21,353**	**4,070**
TOTAL OPERATING & MAINTENANCE	**106,924**	**132,559**	**25,635**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	15,989	13,919	(2,070)
Total ADMINISTRATIVE & GENERAL	**15,989**	**13,919**	**(2,070)**
TOTAL OPERATING EXPENSES	**122,913**	**146,477**	**23,565**
NET OPERATING INCOME	**0**	**33,925**	**33,924**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

056 - JOHNSON RANCH WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	122,913	180,402	57,489
OPERATING EXPENSES	(122,913)	(146,477)	(23,565)
NET OPERATING INCOME	**0**	**33,925**	**33,924**
NON-OPERATING REVENUES (EXPENSES)			
TOTAL NON-OPERATING REVENUES (EXPENSES)			
CHANGE IN NET ASSETS	**0**	**33,925**	**33,924**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE	**0**	**33,925**	**33,924**
PURCHASES OF FIXED ASSETS			
WORK IN PROGRESS			
DEBT SERVICE			
TOTAL FUNDS APPLIED			
NET CHANGE IN FUND BALANCE	**0**	**33,925**	**33,924**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

056 - JOHNSON RANCH WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	1,403	3,050	1,646
STA- CLERICAL	2,396	4,094	1,698
Total STAFF TECHNICAL ASSISTANCE	**3,799**	**7,143**	**3,344**
SUPERVISION:			
SUPERVISION	2,036	1,177	(858)
Total SUPERVISION	**2,036**	**1,177**	**(858)**
OPERATING LABOR:			
CLERICAL	319	301	(18)
REG- OPERATING LABOR	35,019	26,054	(8,965)
OVT- OPERATING LABOR	5,095	5,248	153
Total OPERATING LABOR	**40,433**	**31,603**	**(8,829)**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	1,279	1,288	9
Total M&R-LABOR	**1,279**	**1,288**	**9**
M&R-OVERTIME:			
OVT/LBR- OTHER	905	966	61
Total M&R-OVERTIME	**905**	**966**	**61**
Total MAINTENANCE & REPAIR	**2,184**	**2,253**	**70**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**48,451**	**42,177**	**(6,274)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

056 - JOHNSON RANCH WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	1,279	1,288	9
OVT/LBR- OTHER	905	966	61
Total LABOR	**2,184**	**2,253**	**70**
MATERIAL:			
PUMPS & MOTORS	500	1,000	500
M&R/SER- LIFT STATION		4,000	4,000
WWTP BIOSOLIDS REMOVAL	100	100	
WWTP SCADA	1,000	1,000	
SEWER LINE	1,000	1,000	
WWTP MAINT EXPENSE	3,500	3,500	
Total MATERIAL	**6,100**	**10,600**	**4,500**
SERVICES:			
M&R/SER- PUMPS AND MOTORS	500	1,000	500
M&R/SER- WWTP BIOSOLIDS REMOVA	2,000	1,000	(1,000)
M&R/SER- WWTP SCADA	1,500	1,500	
M&R/SER- SEWER LINE	1,000	1,000	
M&R/SER- WWTP MAINT EXPENSE	4,000	4,000	
Total SERVICES	**9,000**	**8,500**	**(500)**
TOTAL MAINTENANCE & REPAIR	**17,284**	**21,353**	**4,070**

Western Canyon Division
Singing Hills Wastewater Treatment Plant System
Operating Plan for Fiscal Year Ending 8/31/17

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. Construction and addition of businesses 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 2017 budgeted expenses explicated herein. In total, revenue for FY 2017 is budgeted at $140,964.

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 $53,660. Other significant operating costs include bio solids disposal at $10,000 and laboratory supplies at $15,000. There are no capital expenses for FY 2017.

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.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

057 - BULVERDE SINGING HILLS WWRS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WASTEWATER SERVICES:			
PLANT OPERATING & MAINTENANCE	131,987	140,964	8,977
Total WASTEWATER SERVICES	**131,987**	**140,964**	**8,977**
TOTAL OPERATING REVENUES	**131,987**	**140,964**	**8,977**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	15,380	3,654	(11,725)
SUPERVISION	1,588	1,177	(411)
LABOR	18,696	31,107	12,411
Total OPERATING SALARIES & WAGES	**35,664**	**35,939**	**275**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	240	300	60
EMPLOYEE BENEFITS	15,514	15,468	(46)
Total EMPLOYEE EXPENSES & BENEFITS	**15,754**	**15,768**	**14**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	1,950	2,500	550
EQUIPMENT RENTAL		500	500
PUBLIC INFORMATION		200	200
DUES & MEMBERSHIPS	50	200	150
PUBLICATIONS AND BOOKS	60	50	(10)
SMALL TOOLS EXPENSE	1,200	500	(700)
TRACTORS & EQUIPMENT	1,000	500	(500)
UNIFORMS AND LAUNDRY	150	500	350
PROCESS/SPECIAL OPERATING	540	500	(40)
BIOSOLID DISPOSAL COSTS	4,000	10,000	6,000
TRAINING EXPENSES	120	300	180
SAFETY & EMERG. EXPENSE	1,000	400	(600)
SECURITY EXPENSE		250	250
POWER & UTILITIES	6,734	500	(6,234)
AUXILLARY POWER EXPENSE		1,500	1,500
OPERATING CHEMICALS	500	300	(200)
CHLORINE	508	700	192
ALUM/FERRIC/CITRIC ACID	1,000	5,000	4,000
POLYMER	1,200	1,000	(200)
LAB SUPPLIES & EXPENSES	14,342	15,000	658

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

057 - BULVERDE SINGING HILLS WWRS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
PROFESSIONAL FEES	1,300	1,500	200
INSPECTION/TESTING FEES	1,562	1,500	(62)
COMMUNICATIONS	1,200	500	(700)
OFFICE SUPPLIES & EXPENSES	850	1,000	150
COMPUTER SUPPLIES & SERVICES	120	1,000	880
ADMIN FEES-Canyon Lake WSC	5,400	2,000	(3,400)
INSURANCE EXPENSE	2,000	2,000	
MISCELLANEOUS EXPENSES	500	1,500	1,000
Total OPERATING SUPPLIES & SERVICES	**47,286**	**51,400**	**4,114**
MAINTENANCE & REPAIR			
LABOR	2,642	2,253	(389)
MATERIAL	8,000	11,000	3,000
SERVICES	10,000	12,000	2,000
Total MAINTENANCE & REPAIR	**20,642**	**25,253**	**4,611**
TOTAL OPERATING & MAINTENANCE	**119,346**	**128,360**	**9,015**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	12,641	12,604	(37)
Total ADMINISTRATIVE & GENERAL	**12,641**	**12,604**	**(37)**
TOTAL OPERATING EXPENSES	**131,987**	**140,964**	**8,977**
NET OPERATING INCOME		**0**	**0**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

057 - BULVERDE SINGING HILLS WWRS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	131,987	140,964	8,977
OPERATING EXPENSES	(131,987)	(140,964)	(8,977)
NET OPERATING INCOME		**0**	**0**
NON-OPERATING REVENUES (EXPENSES)			
TOTAL NON-OPERATING REVENUES (EXPENSES)			
CHANGE IN NET ASSETS		**0**	**0**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE		**0**	**0**
PURCHASES OF FIXED ASSETS			
WORK IN PROGRESS			
DEBT SERVICE			
TOTAL FUNDS APPLIED			
NET CHANGE IN FUND BALANCE		**0**	**0**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

057 - BULVERDE SINGING HILLS WWRS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	11,943	1,169	(10,774)
STA- CLERICAL	3,436	2,485	(951)
Total STAFF TECHNICAL ASSISTANCE	**15,380**	**3,654**	**(11,725)**
SUPERVISION:			
SUPERVISION	1,588	1,177	(411)
Total SUPERVISION	**1,588**	**1,177**	**(411)**
OPERATING LABOR:			
CLERICAL	505	301	(204)
REG- OPERATING LABOR	15,428	27,960	12,532
OVT- OPERATING LABOR	2,763	2,846	83
Total OPERATING LABOR	**18,696**	**31,107**	**12,411**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	1,737	1,288	(450)
Total M&R-LABOR	**1,737**	**1,288**	**(450)**
M&R-OVERTIME:			
OVT/LBR- OTHER	905	966	61
Total M&R-OVERTIME	**905**	**966**	**61**
Total MAINTENANCE & REPAIR	**2,642**	**2,253**	**(389)**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**38,306**	**38,192**	**(114)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

057 - BULVERDE SINGING HILLS WWRS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	1,737	1,288	(450)
OVT/LBR- OTHER	905	966	61
Total LABOR	**2,642**	**2,253**	**(389)**
MATERIAL:			
M&R/MAT- PUMPS AND MOTORS		1,000	1,000
M&R/MAT- TOOLS & EQUIPMENT		2,000	2,000
M&R/MAT- WWTP BIOSOLIDS REMOVL		1,000	1,000
M&R/MAT- WWTP SCADA		1,000	1,000
M&R/MAT- SEWER LINE		1,000	1,000
M&R/MAT- MAINT EXPENSES	8,000	5,000	(3,000)
Total MATERIAL	**8,000**	**11,000**	**3,000**
SERVICES:			
M&R/SER- PUMPS AND MOTORS		1,000	1,000
M&R/SER- TOOLS & EQUIPMENT		2,000	2,000
M&R/SER- WWTP BIOSOLIDS REMOVL		1,500	1,500
M&R/SER- WWTP SCADA		1,500	1,500
M&R/SER- SEWER LINE		1,000	1,000
M&R/SER- MAINT EXPENSES	10,000	5,000	(5,000)
Total SERVICES	**10,000**	**12,000**	**2,000**
TOTAL MAINTENANCE & REPAIR	**20,642**	**25,253**	**4,611**

Western Canyon Division
Park Village Wastewater Reclamation System
Operating Plan for Fiscal Year Ending 8/31/17

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, and Park Village. 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 and bill the customers of the system. The monthly wastewater service fee charged to each residential customer will be established by GBRA prior to completion of the wastewater treatment plant. The contract also provides that GBRA will bill the District the actual cost of operating and maintaining the plant in excess of the revenue from customers. As a result, revenue from the Park Village System does not over-recover nor under-recover the cost of operating the plant.

The budgeted FY 2016 service revenue for the Park Village Wastewater System is $76,900.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The combined capital additions and operating expenditure budget for FY 2017 amounts to $76,900.

Significant operating and maintenance expenses for FY 2017 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 revenues from the District. The net increase in the fund balance that GBRA anticipates in the Park Village Wastewater System is $0.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

058 - PARK VILLAGE WWRS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WASTEWATER SERVICES:			
PLANT OPERATING & MAINTENANCE		76,900	76,900
Total WASTEWATER SERVICES		**76,900**	**76,900**
TOTAL OPERATING REVENUES		**76,900**	**76,900**
OPERATING EXPENSES			
LABOR		12,678	12,678
Total OPERATING SALARIES & WAGES		**12,678**	**12,678**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEE BENEFITS		5,812	5,812
Total EMPLOYEE EXPENSES & BENEFITS		**5,812**	**5,812**
OPERATING SUPPLIES & SERVICES:			
BIOSOLID DISPOSAL COSTS		52,000	52,000
Total OPERATING SUPPLIES & SERVICES		**52,000**	**52,000**
MAINTENANCE & REPAIR			
LABOR		1,674	1,674
Total MAINTENANCE & REPAIR		**1,674**	**1,674**
TOTAL OPERATING & MAINTENANCE		**72,164**	**72,164**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES		4,736	4,736
Total ADMINISTRATIVE & GENERAL		**4,736**	**4,736**
TOTAL OPERATING EXPENSES		**76,900**	**76,900**
NET OPERATING INCOME		**()**	**()**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

058 - PARK VILLAGE WWRS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES		76,900	76,900
OPERATING EXPENSES		(76,900)	(76,900)
NET OPERATING INCOME		()	()
NON-OPERATING REVENUES (EXPENSES)			
TOTAL NON-OPERATING REVENUES (EXPENSES)			
CHANGE IN NET ASSETS		()	()
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE		()	()
PURCHASES OF FIXED ASSETS			
WORK IN PROGRESS			
DEBT SERVICE			
TOTAL FUNDS APPLIED			
NET CHANGE IN FUND BALANCE		()	()

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

058 - PARK VILLAGE WWRS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE			
SUPERVISION			
OPERATING LABOR:			
REG- OPERATING LABOR		9,832	9,832
OVT- OPERATING LABOR		2,846	2,846
Total OPERATING LABOR		**12,678**	**12,678**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER		1,288	1,288
Total M&R-LABOR		**1,288**	**1,288**
M&R-OVERTIME:			
OVT/LBR- OTHER		386	386
Total M&R-OVERTIME		**386**	**386**
Total MAINTENANCE & REPAIR		**1,674**	**1,674**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES		**14,352**	**14,352**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

058 - PARK VILLAGE WWRS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER		1,288	1,288
OVT/LBR- OTHER		386	386
Total LABOR		**1,674**	**1,674**
TOTAL MAINTENANCE & REPAIR		**1,674**	**1,674**

Western Canyon Division
Four S Ranch Wastewater Reclamation System
Operating Plan for Fiscal Year Ending 8/31/17

BACKGROUND

The following Work Plan and Budget is based on initiating a "pump and haul" operation for the Four S Ranch 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 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 and bill the customers of the system. The monthly wastewater service fee charged to each residential customer will be established by GBRA prior to completion of the wastewater treatment plant. 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 does not over-recover nor under-recover the cost of operating the plant.

The budgeted FY 2016 service revenue for the Four S Ranch Wastewater System is $24,515.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The combined capital additions and operating expenditure budget for FY 2017 amounts to $24,515.

Significant operating and maintenance expenses for FY 2017 are essentially restricted to personnel costs in the amount of $24,515 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 revenues from the District. The net increase in the fund balance that GBRA anticipates in the Four S Ranch Wastewater System is $0.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

059 - FOUR S RANCH WWRS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WASTEWATER SERVICES:			
PLANT OPERATING & MAINTENANCE		24,515	24,515
Total WASTEWATER SERVICES		**24,515**	**24,515**
TOTAL OPERATING REVENUES		**24,515**	**24,515**
OPERATING EXPENSES			
LABOR		12,456	12,456
Total OPERATING SALARIES & WAGES		**12,456**	**12,456**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEE BENEFITS		5,723	5,723
Total EMPLOYEE EXPENSES & BENEFITS		**5,723**	**5,723**
MAINTENANCE & REPAIR			
LABOR		1,674	1,674
Total MAINTENANCE & REPAIR		**1,674**	**1,674**
TOTAL OPERATING & MAINTENANCE		**19,852**	**19,852**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES		4,663	4,663
Total ADMINISTRATIVE & GENERAL		**4,663**	**4,663**
TOTAL OPERATING EXPENSES		**24,515**	**24,515**
NET OPERATING INCOME		**()**	**()**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

059 - FOUR S RANCH WWRS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES		24,515	24,515
OPERATING EXPENSES		(24,515)	(24,515)
NET OPERATING INCOME		()	()
NON-OPERATING REVENUES (EXPENSES)			
TOTAL NON-OPERATING REVENUES (EXPENSES)			
CHANGE IN NET ASSETS		()	()
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE		()	()
PURCHASES OF FIXED ASSETS			
WORK IN PROGRESS			
DEBT SERVICE			
TOTAL FUNDS APPLIED			
NET CHANGE IN FUND BALANCE		()	()

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

059 - FOUR S RANCH WWRS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE			
SUPERVISION			
OPERATING LABOR:			
REG- OPERATING LABOR		9,610	9,610
OVT- OPERATING LABOR		2,846	2,846
Total OPERATING LABOR		**12,456**	**12,456**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER		1,288	1,288
Total M&R-LABOR		**1,288**	**1,288**
M&R-OVERTIME:			
OVT/LBR- OTHER		386	386
Total M&R-OVERTIME		**386**	**386**
Total MAINTENANCE & REPAIR		**1,674**	**1,674**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES		**14,130**	**14,130**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

059 - FOUR S RANCH WWRS

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER		1,288	1,288
OVT/LBR- OTHER		386	386
Total LABOR		**1,674**	**1,674**
TOTAL MAINTENANCE & REPAIR		**1,674**	**1,674**

The systems within this division are independent systems. The inclusion of the following Division level consolidation pages is for information purposes only.

GUADALUPE-BLANCO RIVER AUTHORITY
WESTERN CANYON DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WATER SALES & LAKE OPERATIONS:			
WATER SALES	837,000	1,055,310	218,310
WHOLESALE WATER SALES	3,843,500	3,984,696	141,196
Total WATER SALES & LAKE OPERATIONS	**4,680,500**	**5,040,006**	**359,506**
WASTEWATER SERVICES:			
PLANT OPERATING & MAINTENANCE	362,295	549,264	186,969
Total WASTEWATER SERVICES	**362,295**	**549,264**	**186,969**
MISCELLANEOUS INCOME:			
SEWER CONNECT/INSPECT FEE	167,025	110,300	(56,725)
SEWER CONNECT/INSPECT FEE-CO	109,000	145,533	36,533
CHARGES TO DEVELOPERS	60,591		(60,591)
MISCELLANEOUS REVENUES	13,167	25,230	12,063
Total MISCELLANEOUS INCOME	**349,783**	**281,063**	**(68,720)**
TOTAL OPERATING REVENUES	**5,392,578**	**5,870,333**	**477,755**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	149,632	118,604	(31,028)
SUPERVISION	113,461	63,033	(50,428)
LABOR	390,149	472,675	82,525
Total OPERATING SALARIES & WAGES	**653,242**	**654,312**	**1,069**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	8,490	7,500	(990)
EMPLOYEE BENEFITS	307,004	301,604	(5,400)
Total EMPLOYEE EXPENSES & BENEFITS	**315,494**	**309,104**	**(6,390)**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	27,750	33,600	5,850
EQUIPMENT RENTAL	2,500	6,500	4,000
PUBLIC INFORMATION		2,300	2,300
DUES & MEMBERSHIPS	1,225	2,000	775
PUBLICATIONS AND BOOKS	585	550	(35)
SMALL TOOLS EXPENSE	13,120	11,800	(1,320)
TRACTORS & EQUIPMENT	4,000	6,600	2,600
WATER METERS	21,500	10,000	(11,500)

GUADALUPE-BLANCO RIVER AUTHORITY
WESTERN CANYON DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
UNIFORMS AND LAUNDRY	5,150	7,500	2,350
PROCESS/SPECIAL OPERATING	1,040	1,500	460
BIOSOLID DISPOSAL COSTS	168,000	237,000	69,000
TRAINING EXPENSES	8,220	8,500	280
SAFETY & EMERG. EXPENSE	9,650	9,150	(500)
SECURITY EXPENSE	4,350	4,600	250
POWER & UTILITIES	480,134	515,300	35,166
POWER & UTILITIES-RAW WATER	800,000	800,000	
POWER & UTILITIES-AMMAN RD	160,000	160,000	
POWER & UTILITIES-FM3351	9,500	10,000	500
AUXILLARY POWER EXPENSE	9,000	13,000	4,000
OPERATING CHEMICALS	1,200	1,600	400
CHLORINE	21,508	22,550	1,042
ALUM/FERRIC/CITRIC ACID	287,000	295,600	8,600
POLYMER	6,200	7,000	800
SODIUM HYDROXIDE	20,000	20,000	
SODIUM HYPOCHLORITE	30,000	30,000	
LAB SUPPLIES & EXPENSES	84,167	97,500	13,333
C.I.P. DISPOSAL EXPENSES	85,000	105,000	20,000
PROFESSIONAL FEES	43,050	207,300	164,250
CONTRACT LABOR	5,000	20,000	15,000
CORDILLERA PLANT EXPENSES	1,000	1,000	
INSPECTION/TESTING FEES	9,702	9,700	(2)
COMMUNICATIONS	14,900	14,300	(600)
OFFICE SUPPLIES & EXPENSES	9,650	10,600	950
COMPUTER SUPPLIES & SERVICES	14,920	15,750	830
BANK SERVICE FEES	1,000	1,000	
ADMIN FEES-Canyon Lake WSC	5,400	2,000	(3,400)
INSURANCE EXPENSE	60,100	60,100	
MISCELLANEOUS EXPENSES	5,600	10,200	4,600
Total OPERATING SUPPLIES & SERVICES	**2,431,121**	**2,771,100**	**339,979**
MAINTENANCE & REPAIR			
LABOR	104,793	90,388	(14,404)
MATERIAL	341,650	329,800	(11,850)
SERVICES	259,900	284,200	24,300
Total MAINTENANCE & REPAIR	**706,343**	**704,388**	**(1,954)**
TOTAL OPERATING & MAINTENANCE	**4,106,200**	**4,438,904**	**332,704**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	250,151	245,751	(4,400)

GUADALUPE-BLANCO RIVER AUTHORITY
WESTERN CANYON DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total ADMINISTRATIVE & GENERAL	**250,151**	**245,751**	**(4,400)**
WATER PURCHASES/DELIVERY:			
INTERDIVISION WATER PURCH	391,525	485,500	93,975
INTERDIV WATER PURCH-RAW	50,000	58,552	8,552
Total WATER PURCHASES/DELIVERY	**441,525**	**544,052**	**102,527**
TOTAL OPERATING EXPENSES	**4,797,876**	**5,228,708**	**430,831**
NET OPERATING INCOME	**594,701**	**641,625**	**46,924**

GUADALUPE-BLANCO RIVER AUTHORITY
WESTERN CANYON DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	5,392,578	5,870,333	477,755
OPERATING EXPENSES	(4,797,876)	(5,228,708)	(430,831)
NET OPERATING INCOME	**594,701**	**641,625**	**46,924**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON OPERATING FUND	12,960	23,640	10,680
Total INTEREST INCOME	**12,960**	**23,640**	**10,680**
TOTAL NON-OPERATING REVENUES (EXPENSES)	**12,960**	**23,640**	**10,680**
CHANGE IN NET ASSETS	**607,661**	**665,265**	**57,604**
DEBT CAPITAL			
BONDS RECIEVABLE		3,304,910	3,304,910
NEW EQUIP LOAN REC.		175,000	175,000
Total DEBT CAPITAL		**3,479,910**	**3,479,910**
TOTAL FUNDS AVAILABLE	**607,661**	**4,145,175**	**3,537,514**
PURCHASES OF FIXED ASSETS			
STRUCTURES & IMPROVEMENTS	30,000	30,000	
SPECIALIZED OPER. EQUIPMENT	93,000		(93,000)
AUTO & HEAVY EQUIPMENT	12,000	253,000	241,000
OFFICE FURN & EQUIPMENT	32,000	40,000	8,000
MISCELLANEOUS EQUIPMENT	360,000	360,000	
Total PURCHASES OF FIXED ASSETS	**527,000**	**683,000**	**156,000**
WORK IN PROGRESS			
WIP-OPERATING		3,304,910	3,304,910
Total WORK IN PROGRESS		**3,304,910**	**3,304,910**
DEBT SERVICE			
TOTAL FUNDS APPLIED	**527,000**	**3,987,910**	**3,460,910**

GUADALUPE-BLANCO RIVER AUTHORITY
WESTERN CANYON DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
NET CHANGE IN FUND BALANCE	**80,661**	**157,265**	**76,604**

GUADALUPE-BLANCO RIVER AUTHORITY
WESTERN CANYON DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	103,567	76,528	(27,039)
STA- CLERICAL	46,065	42,076	(3,988)
Total STAFF TECHNICAL ASSISTANCE	**149,632**	**118,604**	**(31,028)**
SUPERVISION:			
SUPERVISION	113,461	63,033	(50,428)
Total SUPERVISION	**113,461**	**63,033**	**(50,428)**
OPERATING LABOR:			
CLERICAL	2,922	2,216	(706)
REG- OPERATING LABOR	321,778	393,139	71,361
OVT- OPERATING LABOR	65,450	77,320	11,870
Total OPERATING LABOR	**390,149**	**472,675**	**82,525**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	92,508	76,066	(16,441)
Total M&R-LABOR	**92,508**	**76,066**	**(16,441)**
M&R-OVERTIME:			
OVT/LBR- OTHER	12,285	14,322	2,037
Total M&R-OVERTIME	**12,285**	**14,322**	**2,037**
Total MAINTENANCE & REPAIR	**104,793**	**90,388**	**(14,404)**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**758,035**	**744,700**	**(13,335)**

GUADALUPE-BLANCO RIVER AUTHORITY
WESTERN CANYON DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	92,508	76,066	(16,441)
OVT/LBR- OTHER	12,285	14,322	2,037
Total LABOR	**104,793**	**90,388**	**(14,404)**
MATERIAL:			
M&R/MAT- BRUMLEY WELL	1,500	1,500	
M&R/MAT- GLENWOOD WELL	1,500	2,000	500
M&R MAT- METERS	47,100	35,000	(12,100)
M&R/MAT- COMAL WATER COMPANY	500	1,000	500
M&R/MAT- PUMPS	4,500	4,500	
M&R/MAT- H.S. PUMPSTATION	1,500	1,500	
M&R/MAT- PONDS & LAGOONS	3,000	3,000	
M&R/MAT- PUMPS AND MOTORS	16,750	19,000	2,250
M&R/MAT- COMPRESSED AIR SYSTEM	4,500	4,500	
M&R/MAT- TRUCK	2,000	2,000	
M&R/MAT- TOOLS & EQUIPMENT	3,000	9,500	6,500
M&R/MAT- EQUIPMENT	1,400	1,400	
M&R/MAT- BULVERDE WTR METERS	2,000	2,000	
M&R/MAT- METERS	8,500	8,500	
M&R/MAT- WWTP BIOSOLIDS REMOVL	600	1,600	1,000
M&R/MAT- WWTP SCADA	55,000	51,000	(4,000)
M&R/MAT- WELLS	3,000	3,000	
M&R/MAT- MEMBRANE SYSTEM	55,000	55,000	
M&R/MAT- FLOC	1,500	1,500	
M&R/MAT- R.W. PUMP STATION	12,000	12,000	
M&R/MAT- WATER SYSTEM	24,500	25,000	500
M&R/MAT- WATER WELL	800	800	
M&R/MAT- T.W. PUMP STATION	8,000	8,000	
M&R/MAT- R.W. TRANS. LINE	2,000	2,000	
M&R/MAT- T.W. TRANS. LINE	6,000	6,000	
M&R/MAT- SEWER PUMP	35,000	30,000	(5,000)
M&R/MAT- SEWER LINE	4,000	4,000	
M&R/MAT- DISTRIBUTION SYSTEM	19,000	19,000	
M&R/MAT- MAINT EXPENSES	15,000	12,500	(2,500)
M&R/MAT- OTHER	2,500	3,000	500
Total MATERIAL	**341,650**	**329,800**	**(11,850)**
SERVICES:			
M&R/SER- BRUMLEY WELL	10,000	10,000	
M&R/SER- GLENWOOD WELL	10,000	15,000	5,000
M&R/SER- METERS	4,950	5,950	1,000
M&R/SER- COMAL WATER COMPANY	500	500	
M&R/SER- PUMPS	3,500	3,500	

GUADALUPE-BLANCO RIVER AUTHORITY
WESTERN CANYON DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/SER- H.S. PUMPSTATION	5,000	5,000	
M&R/SER- PONDS & LAGOONS	2,500	2,500	
M&R/SER- PUMPS AND MOTORS	41,750	44,000	2,250
M&R/SER- COMPRESSED AIR SYSTEM	25,000	25,000	
M&R/SER- TRUCK	1,000	2,000	1,000
M&R/SER- TOOLS & EQUIPMENT	500	3,000	2,500
M&R/SER- EQUIPMENT	750	750	
M&R/SER- ROADS	1,500	1,500	
M&R/SER- METERS	1,000	1,000	
M&R/SER- PREDICTIVE MAINT		5,000	5,000
M&R/SER- WWTP BIOSOLIDS REMOVL	4,000	4,500	500
M&R/SER- WWTP SCADA	20,000	21,500	1,500
M&R/SER- WELLS	10,000	10,000	
M&R SER- GEN. OFFICE BLDG		8,000	8,000
M&R/SER- MEMBRANE SYSTEM	15,000	15,000	
M&R/SER- FLOC	500	500	
M&R/SER- R.W. PUMP STATION	40,000	40,000	
M&R/SER- WATER SYSTEM	4,000	4,000	
M&R/SER- WATER WELL	5,000	5,000	
M&R/SER- T.W. PUMP STATION	5,000	5,000	
M&R/SER- R.W. TRANS LINE	5,500	5,500	
M&R/SER- T.W. TRANS LINE	4,000	4,000	
M&R/SER- SEWER TANK PUMPING		1,000	1,000
M&R/SER- SEWER PUMP	8,000	8,000	
M&R/SER- SEWER LINE	2,500	3,500	1,000
M&R/SER- DISTRIBUTION SYSTEM	5,000	5,000	
M&R/SER- MAINT EXPENSES	18,000	13,000	(5,000)
M&R/SER- OTHER	5,450	6,000	550
Total SERVICES	**259,900**	**284,200**	**24,300**
TOTAL MAINTENANCE & REPAIR	**706,343**	**704,388**	**(1,954)**

GUADALUPE-BLANCO RIVER AUTHORITY
WESTERN CANYON DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - OPERATING			
WESTERN CANYON DBP REMOVAL-SER		3,304,910	3,304,910
Total		**3,304,910**	**3,304,910**
TOTAL WIP - OPERATING		**3,304,910**	**3,304,910**

GUADALUPE-BLANCO RIVER AUTHORITY
WESTERN CANYON DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2017 BUDGET
AUTO & HEAVY EQUIPMENT	
COMPUTER EQUIPMENT-Western Canyon WTP	3,000
FRONT LOADER WITH BRUSH CUTTER-Western Canyon WTP	20,000
LASER TRACK TURBIDIMETERS-Western Canyon WTP	55,000
OFFICE COPIER-Western Canyon WTP	8,000
SCADA UPGRADES-Western Canyon WTP	75,000
TRUCK TO REPLACE CRANE DISTRIBUTION TRUCK-Western Canyon WTP	30,000
TRUCK TO REPLACE TRUCK 205-Western Canyon WTP	30,000
REPLACE TANK COVERS-Cordillera WWTP	20,000
2 PRESSURE REDUCING VALVES-Comal Trace WDS	12,000
Total AUTO & HEAVY EQUIPMENT	**253,000**
OFFICE FURN. & EQUIP.	
TTHM ANALYZER-Western Canyon WTP	40,000
Total OFFICE FURN. & EQUIP.	**40,000**
MISCELLANEOUS EQUIPMENT	
REPLACEMENT MODULES-Western Canyon WTP	360,000
Total MISCELLANEOUS EQUIPMENT	**360,000**
STRUCTURES & IMPROVEMENTS	
12 INCH VALVE ON RIO CORDILLERA-Cordillera WDS	10,000
REPLACEMENT TANK FOR UNIT 104-Cordillera W	20,000
Total STRUCTURES & IMPROVEMENTS	**30,000**
TOTAL CAPITAL ADDITIONS	**683,000**

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 provides a reliable source of municipal drinking water treatment and delivery to the City of Port Lavaca, the Calhoun County Rural Water Supply System (CCRWSS), and the Port O'Connor M.U.D. (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 peak rate treatment capacity of 6 million gallons per day, the plant provides treated water for the domestic and business needs of approximately 24,000 people.

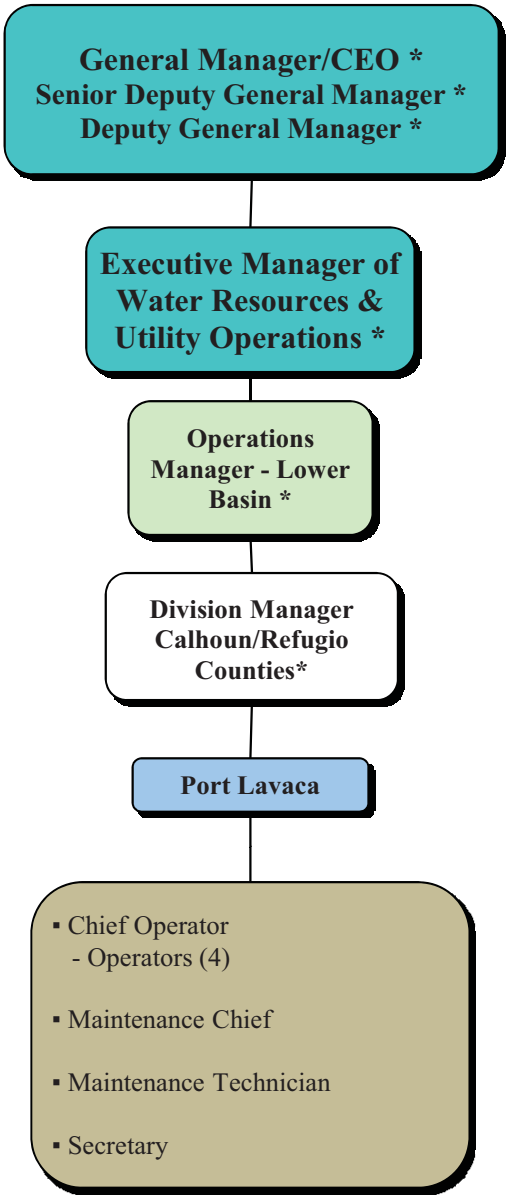
The division also provides the security of supplemental water supplies in times of low rainfall or drought. The City of Port Lavaca, as a Division customer, can access 4,480 acre-feet of water per year from "run of the river rights" and Canyon Reservoir conservation storage. The CCRWSS and POC also purchases 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: 7
- Budgeted Revenue: $1,725,983
- Expanded: 1993

Port Lavaca WTP Division Organizational Chart



* GBRA employee from another Division

Staffing Summary

Port Lavaca	# of Authorized Positions (FTE)		
	2015	2016	2017
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 2015 to FY 2016
No staffing changes for this division.

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

Budget Summary

Division: **Port Lavaca Water Treatment Plant**

Description

The GBRA Port Lavaca Water Treatment Plant Division supplies the City of Port Lavaca, the Calhoun County Rural Water Supply Division and the Port O'Connor Improvement District (POC ID) with treated drinking water. The division receives raw (source) water from the Guadalupe River that is delivered through approximately 18 miles of canals. The plant has a peak rate (nameplate) treatment capacity of 6.08 million gallons per day, enough to meet the domestic and business needs of approximately 25,000 people.

Objectives

In order to fulfill the requirements of the mission statement, the Division's operating plan contains the following goals and objectives.

WATER RESOURCE MANAGEMENT GOAL

To … market the GBRA Port Lavaca Water Treatment Plant (PLWTP) as a regional potable water supply facility, through the media utilizing news releases, and to be receptive to all community and outside inquires about the potable water supply.

WATER QUALITY GOAL

To … work with wholesale customers and GBRA water quality staff to approach near-optimum treatment standards, beyond the basic requirements of the Safe Drinking Water Act.

PUBLIC SERVICES GOAL

To … continue to meet annually or as required with contract customers, including the City of Port Lavaca, the Rural Water Corporation's Board of Directors, and the Port O'Connor Improvement District, to discuss operations, goals, budgeting, and water quality.

ECONOMIC DEVELOPMENT GOAL

To… continue to discuss with wholesale customers the advantages of increased storage at the Plant site beyond the basic requirement, for improved drinking water reserves for businesses and domestic use.

TECHNICAL ASSISTANCE AND SUPPORT GOAL

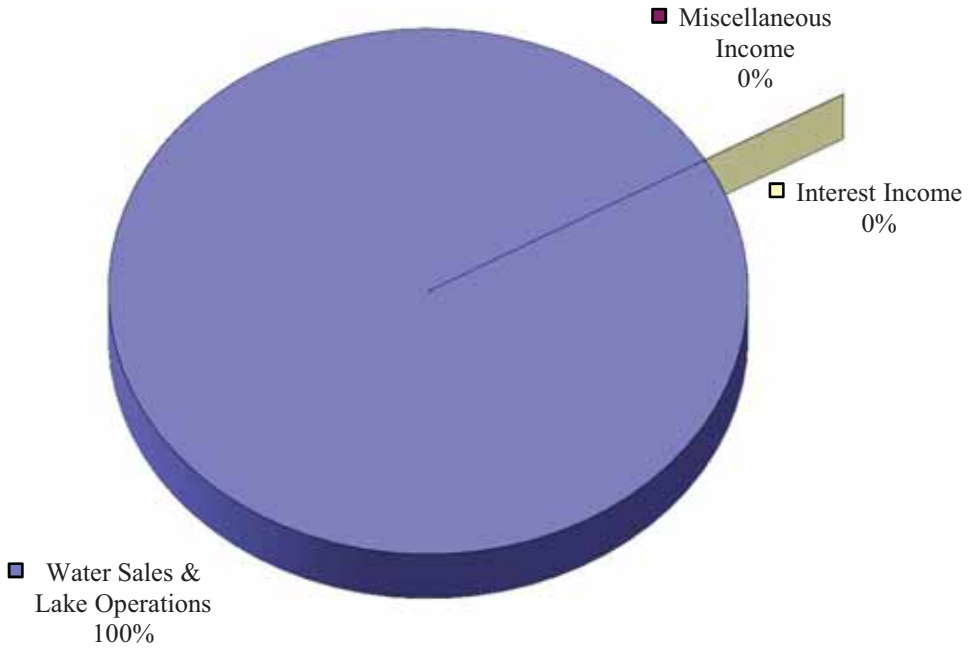
To … publicize the benefits of the use of "free" chlorine in the water mains for a short period of time, as a means of stabilizing the disinfectant residual for enhanced quality of the drinking water supply through contact with media sources.

COMMUNICATION AND EDUCATION

To … provide assistance to wholesale treated water customers in their development of the annual Consumer Confidence Report by providing "detects" data and / or joint preparation of the report, and to provide timely notice to wholesale customers if or when short-term palatability (taste) issues occur.

Budget Summary

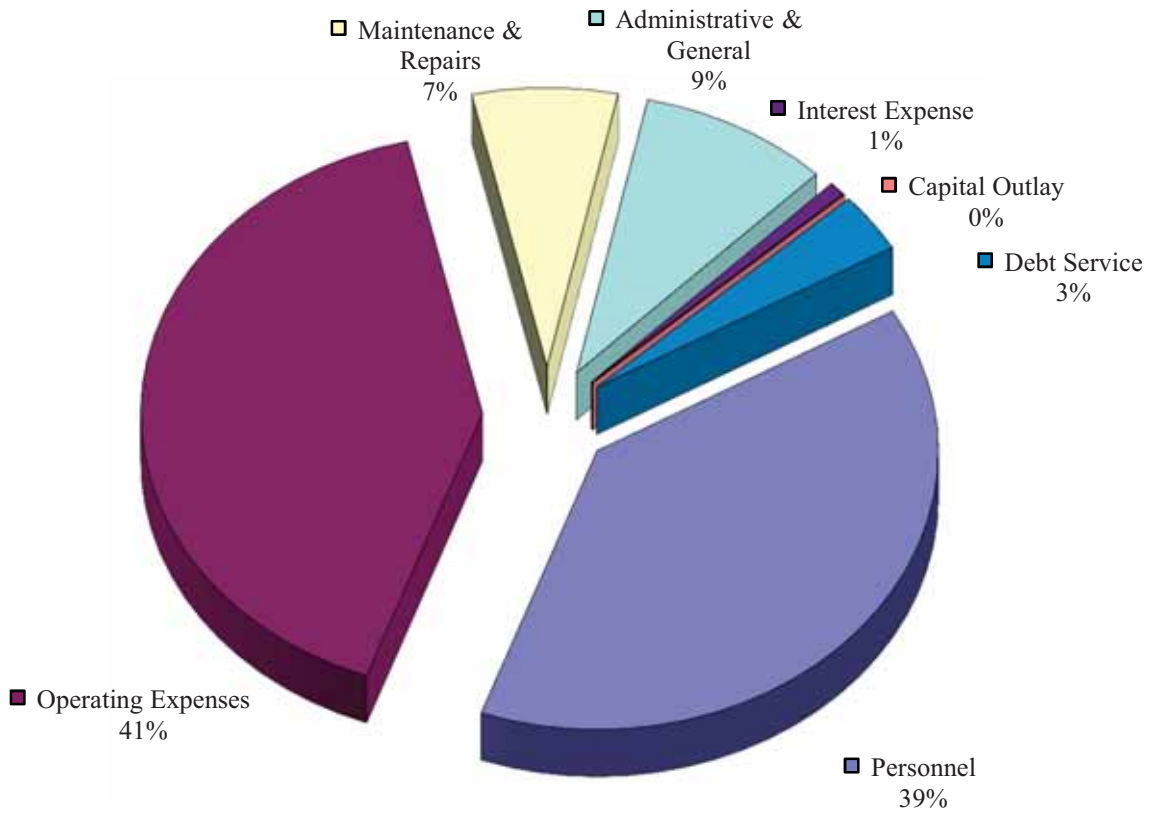
REVENUES - Port Lavaca



Revenues	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	1,813,857	1,586,581	1,725,983
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	20,250	7,200	
Total Operating Revenue	**1,834,107**	**1,593,781**	**1,725,983**
Interest Income	518	520	60
Grand Total Revenues	**1,834,626**	**1,594,301**	**1,726,043**

Budget Summary

EXPENSES - Port Lavaca



Expenses	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Personnel	586,880	624,528	559,360
Operating Expenses	664,006	578,205	589,591
Maintenance & Repairs	87,767	95,526	99,190
Administrative & General	137,284	145,841	130,534
Total Operating Expenses	**1,475,937**	**1,444,100**	**1,378,675**
Interest Expense	21,761	15,136	11,520
Capital Outlay	17,367	6,000	
Debt Service	378,339	131,206	49,764
Grand Total Expenses	**1,893,404**	**1,596,442**	**1,439,959**

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Port Lavaca Water Treatment Plant Division
Operating Plan for Fiscal Year Ending 8/31/17

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 will be managed by the Division Manager – Calhoun/Refugio Counties and the Operations Manager - Lower Basin. Employees of the Division responsible for daily operating and maintenance activities include a Chief Operator, four shift Operators, and a Maintenance Chief. A Maintenance Technician will provide instrumentation and electrical expertise. A Secretary will assist in the performance of administrative tasks. 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 2017. 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.

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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 2017 revenue is budgeted at $1,725,983 which compares to a FY 2016 revenue budget of $1,593,781, which is a $132,202 or 8.3% increase. The principal reason for this increase in budgeted revenue is the need to cover the expenditures necessitated by the Stage 2 disinfection by-product rule listed below.

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 16.5¢ 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 745.071million 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 $156,000 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 $15,000 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 Regional 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 $23,100 – 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 $286,025 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.

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. Because the GBRA Port Lavaca Water Treatment Plant division utilizes cost-of-service contract operations in which GBRA does not over-recover nor under-recover its costs, the net change in fund balance for FY 2017 is only $60.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

060 - PORT LAVACA WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WATER SALES & LAKE OPERATIONS:			
PL-RAW WATER PURCHASES	88,578	82,543	(6,035)
PL-PLANT O & M INCOME	877,083	832,302	(44,781)
PL-PLANT A & G INCOME	108,539	95,852	(12,687)
R/W-RAW WATER PURCHASE	16,178	15,561	(617)
PL-CREDIT INTEREST EARN.	(160)		160
R/W-PLANT O&M INCOME	141,211	153,061	11,850
R/W-PLANT A&G INCOME	17,483	17,627	144
R/W-ADDS. TO PLANT & EQUIP	2,869	35,993	33,124
PL-DEBT SERVICE	55,054		(55,054)
R/W-DEBT SERVICE	28,687	26,205	(2,482)
PL-CREDIT-INT EARN.I&S FD	(300)		300
PL-ADDS. TO PLANT & EQUIP	15,109	203,810	188,701
POC-RAW WATER PURCHASES	15,182	16,583	1,401
POC-PLANT O&M INCOME	160,026	148,090	(11,936)
POC-PLANT A&G INCOME	19,819	17,055	(2,764)
POC-DEBT SERVICE	37,601	35,079	(2,522)
POC-ADDS. TO PLANT & EQUIP	3,622	46,222	42,600
Total WATER SALES & LAKE OPERATIONS	**1,586,581**	**1,725,983**	**139,402**
MISCELLANEOUS INCOME:			
CAPITAL RECOVRY FEE-CANAL	3,600		(3,600)
CAPITAL RECOVRY FEE-RURAL WTR	3,600		(3,600)
Total MISCELLANEOUS INCOME	**7,200**		**(7,200)**
TOTAL OPERATING REVENUES	**1,593,781**	**1,725,983**	**132,202**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	20,938	23,546	2,608
SUPERVISION	41,289	33,038	(8,251)
LABOR	289,150	255,777	(33,373)
Total OPERATING SALARIES & WAGES	**351,377**	**312,361**	**(39,016)**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	3,600	3,600	
EMPLOYEE BENEFITS	178,986	160,201	(18,785)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

060 - PORT LAVACA WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total EMPLOYEE EXPENSES & BENEFITS	**182,586**	**163,801**	**(18,785)**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	3,900	3,900	
BUILDING RENTAL	2,112	2,112	
PUBLIC INFORMATION	1,080	1,080	
DUES AND MEMBERSHIPS	1,068	1,068	
PUBLICATIONS AND BOOKS	500	500	
SMALL TOOLS EXPENSE	960	960	
TRACTORS AND EQUIPMENT	1,260	1,260	
UNIFORMS AND LAUNDRY	3,600	3,600	
PROCESS/SPECIAL OPERATING	1,440	1,440	
TRAINING EXPENSES	3,996	3,996	
SAFETY & EMERG. EXPENSES	3,600	3,600	
SECURITY EXPENSE	240	240	
POWER AND UTILITIES	105,012	112,080	7,068
OPERATING CHEMICALS	12,420	15,000	2,580
CHLORINE	16,824	16,824	
ACTIVATED CARBON	2,400	2,400	
FLOURIDE	11,151		(11,151)
POTASSIUM PERMANGANATE	2,400	2,400	
AMMONIA	18,600	18,600	
ALUM/FERRIC	146,000	156,000	10,000
LAB SUPPLIES & EXPENSES	15,960	23,100	7,140
PROFESSIONAL FEES	6,000	6,000	
CONTRACT LABOR	14,220	14,220	
INSPECTION FEES	360	360	
COMMUNICATIONS	4,212	4,212	
OFFICE SUPPLIES & EXPENSES	5,376	5,376	
COMPUTER SUPPLIES & SERVICE	5,676	7,476	1,800
BANK SERVICE FEES	1,200	400	(800)
INSURANCE EXPENSE	64,300	64,300	
MISCELLANEOUS EXPENSES	2,400	2,400	
Total OPERATING SUPPLIES & SERVICES	**458,267**	**474,904**	**16,637**
MAINTENANCE & REPAIR			
LABOR	90,565	83,197	(7,367)
MATERIAL	29,934	30,950	1,016

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

060 - PORT LAVACA WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SERVICES	65,592	68,240	2,648
Total MAINTENANCE & REPAIR	**186,091**	**182,387**	**(3,703)**
TOTAL OPERATING & MAINTENANCE	**1,178,321**	**1,133,454**	**(44,867)**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	145,841	130,534	(15,306)
Total ADMINISTRATIVE & GENERAL	**145,841**	**130,534**	**(15,306)**
WATER PURCHASES/DELIVERY:			
INTERDIVISION WATER PURCH	119,938	114,687	(5,251)
Total WATER PURCHASES/DELIVERY	**119,938**	**114,687**	**(5,251)**
TOTAL OPERATING EXPENSES	**1,444,100**	**1,378,675**	**(65,425)**
NET OPERATING INCOME	**149,682**	**347,309**	**197,627**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

060 - PORT LAVACA WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	1,593,781	1,725,983	132,202
OPERATING EXPENSES	(1,444,100)	(1,378,675)	65,425
NET OPERATING INCOME	**149,682**	**347,309**	**197,627**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON OPERATING FUNDS	60	60	
INT ON FULLY FUNDED ACCTS	160		(160)
INT ON I & S FUND	300		(300)
Total INTEREST INCOME	**520**	**60**	**(460)**
INTEREST & BANK FEES:			
INT ON REVENUE BONDS	(2,032)		2,032
INT ON CLEARWELL LOAN	(13,104)	(11,520)	1,584
Total INTEREST & BANK FEES	**(15,136)**	**(11,520)**	**3,616**
TOTAL NON-OPERATING REVENUES (EXPENSES)	**(14,616)**	**(11,460)**	**3,156**
CHANGE IN NET ASSETS	**135,066**	**335,849**	**200,783**
CHANGE IN RESTRICTED FUNDS:			
SOURCE-CHANGE IN RESTR. FUNDS	25,000		(25,000)
Total CHANGE IN RESTRICTED FUNDS	**25,000**		**(25,000)**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE	**160,066**	**335,849**	**175,783**
PURCHASES OF FIXED ASSETS			
AUTO & HEAVY EQUIPMENT	6,000		(6,000)
Total PURCHASES OF FIXED ASSETS	**6,000**		**(6,000)**
WORK IN PROGRESS			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

060 - PORT LAVACA WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP-OPERATING	22,800	286,025	263,225
Total WORK IN PROGRESS	**22,800**	**286,025**	**263,225**
DEBT SERVICE			
BONDS PAID	101,668		(101,668)
BANK LOAN PAID-CLEARWELL	29,538	49,764	20,226
Total DEBT SERVICE	**131,206**	**49,764**	**(81,442)**
TOTAL FUNDS APPLIED	**160,006**	**335,789**	**175,783**
NET CHANGE IN FUND BALANCE	**60**	**60**	**0**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

060 - PORT LAVACA WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	10,903	11,955	1,051
STA- CLERICAL	10,034	11,591	1,557
Total STAFF TECHNICAL ASSISTANCE	**20,938**	**23,546**	**2,608**
SUPERVISION:			
SUPERVISION	41,289	33,038	(8,251)
Total SUPERVISION	**41,289**	**33,038**	**(8,251)**
OPERATING LABOR:			
CLERICAL	468	465	(3)
REG- OPERATING LABOR	251,484	205,469	(46,014)
REG- MISC LABOR	77	37	(40)
CLR- OPERATING LABOR	11,754	13,336	1,582
REG- SAFETY & TRAINING		8,490	8,490
OVT- OPERATING LABOR	25,367	22,145	(3,222)
REG- WORKING HOLIDAY LABOR		5,833	5,833
Total OPERATING LABOR	**289,150**	**255,777**	**(33,373)**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	79,838	74,498	(5,339)
Total M&R-LABOR	**79,838**	**74,498**	**(5,339)**
M&R-OVERTIME:			
OVT/LBR- OTHER	10,727	8,699	(2,028)
Total M&R-OVERTIME	**10,727**	**8,699**	**(2,028)**
Total MAINTENANCE & REPAIR	**90,565**	**83,197**	**(7,367)**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**441,942**	**395,558**	**(46,383)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

060 - PORT LAVACA WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	79,838	74,498	(5,339)
OVT/LBR- OTHER	10,727	8,699	(2,028)
Total LABOR	**90,565**	**83,197**	**(7,367)**
MATERIAL:			
M&R/MAT- YARD & GROUNDS	240	240	
M&R/MAT- BUILDING	2,400	2,400	
M&R/MAT- STRUCT MAINTENAN	600	600	
M&R/MAT- PUMPS	600	600	
M&R/MAT- CHEM FEED EQUIP	3,240	3,240	
M&R/MAT- PROCESS CONTROL	840	1,856	1,016
M&R/MAT- TRF PUMP CONTROL	1,020	1,020	
M&R/MAT- VALVES	780	780	
M&R/MAT- BIOSOLIDS LINE/DITC	600	600	
M&R/MAT- METERS (REMOTE EQP)	960	960	
M&R/MAT- PONDS/RESERVOIR	1,002	1,002	
M&R/MAT- FILTERS & SURFACE WSH	2,484	2,484	
M&R/MAT- MOTORS	2,400	2,400	
M&R/MAT- SETT.BASIN EQUIP	3,408	3,408	
M&R/MAT- TRUCKS	240	240	
M&R/MAT- CHLORAMINES	2,400	2,400	
M&R/MAT- TOOLS & EQUIP	600	600	
M&R/MAT- ELECTRICAL	1,200	1,200	
M&R/MAT- PLANT ROAD	120	120	
M&R/MAT- 4 INCH PUMP	360	360	
M&R/MAT- FLOURIDE EQUIP	480	480	
M&R/MAT- SCADA PL	1,800	1,800	
M&R/MAT- SCADA POC	1,440	1,440	
M&R/MAT- TRACTORS/MOWERS	720	720	
Total MATERIAL	**29,934**	**30,950**	**1,016**
SERVICES:			
M&R/SER- YARD & GROUNDS	960	960	
M&R/SER- BUILDING	8,400	8,400	
M&R/SER- STRUCT MAINTENAN	1,800	1,800	
M&R/SER- PUMPS	7,200	7,200	
M&R/SER- CHEM FEED EQUIP	660	660	
M&R/SER- PROCESS CONTROL	240	480	240
M&R/SER- TRF PUMP CONTROL	600	600	
M&R/SER- VALVES	2,040	2,040	
M&R/SER- BIOSOLIDS LINE/DITC	1,008	1,008	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

060 - PORT LAVACA WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/SER- METERS(REMOTE EQP	1,200	1,200	
M&R/SER- HAUL TRASH	792	1,500	708
M&R/SER- PONDS/RESERVOIR	2,400	2,400	
M&R/SER- FILTERS & SURFACE WSH	3,480	3,480	
M&R/SER- MOTORS	2,400	2,400	
M&R/SER- SETT.BASIN EQUIP	10,992	10,992	
M&R/SER- TRUCKS	600	600	
M&R/SER- CHLORAMINES	3,600	5,300	1,700
M&R/SER- TOOLS & EQUIP	480	480	
M&R/SER- CLEARWELL	1,800	1,800	
M&R/SER- RADIO EQUIPMENT	240	240	
M&R/SER- ELECTRICAL	1,200	1,200	
M&R/SER- PLANT ROAD	2,400	2,400	
M&R/SER- TECHNICIAN'S TRK	600	600	
M&R/SER- 4 INCH PUMP	720	720	
M&R/SER- FLOURIDE EQUIP	1,080	1,080	
M&R/SER- EMERG.GENERATOR	3,780	3,780	
M&R/SER- SCADA PL	1,800	1,800	
M&R/SER- SCADA POC	1,440	1,440	
M&R/SER- TRACTORS/MOWERS	720	720	
M&R/SER- OTHER	960	960	
Total SERVICES	**65,592**	**68,240**	**2,648**
TOTAL MAINTENANCE & REPAIR	**186,091**	**182,387**	**(3,703)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

060 - PORT LAVACA WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - OPERATING			
BUILDING SECURITY SYSTEM-SERVI	10,800		(10,800)
Total	**10,800**		**(10,800)**
RESTROOM UPGRADE-SERVICE	12,000		(12,000)
Total	**12,000**		**(12,000)**
TTHM MITIGATION-SERVICES		75,960	75,960
TTHM MITIGATION-PROF FEES		136,695	136,695
TTHM MITIGATION-MATERIALS		73,370	73,370
Total		**286,025**	**286,025**
TOTAL WIP - OPERATING	**22,800**	**286,025**	**263,225**

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.

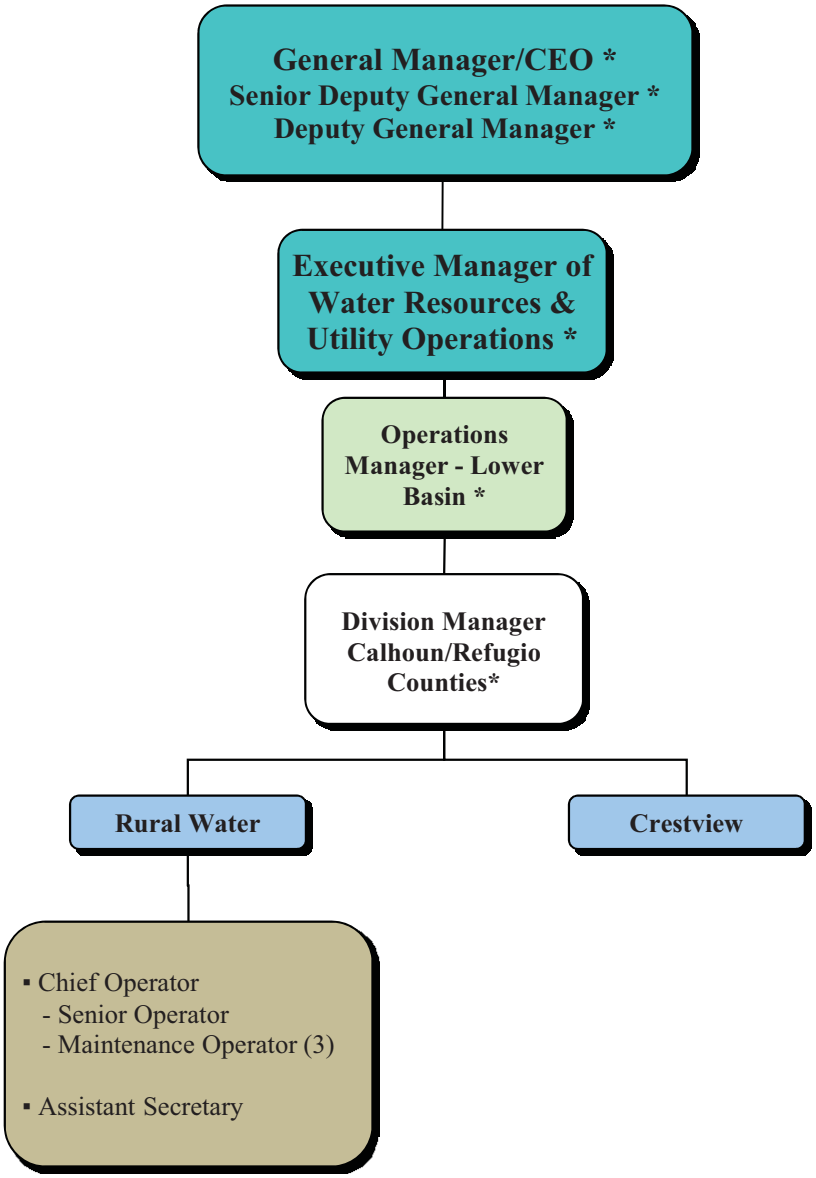
Established in 1970 by a rural citizens group working in conjunction with GBRA, the Calhoun County Rural Water Supply Corporation evolved to meet the needs of rural residents for an adequate supply of high quality drinking water. Its development followed closely on the heels of the initial drinking water 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.

In July 2000, the Municipal Utility District of Port O'Connor purchased the GBRA portion of the Rural Water System in the town of Port O'Connor and began to operate independently. However, the District remains a wholesale customer of the GBRA treatment plant. The sale allowed GBRA to retire the original Farmers Home debt.

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: $1,144,401

Calhoun County RWS Division Organizational Chart



* GBRA employee from another Division

Staffing Summary

Rural Water	# of Authorized Positions (FTE)		
	2015	2016	2017
Chief Operator	1	1	1
Senior Operator	1	1	1
Maintenance Operator	2	2	3
Assistant Secretary	1	1	1
Total	**5**	**5**	**6**

Changes from FY 2015 to FY 2016
1-Maintenance Operator position was added.

Unfunded Positions in FY16: Senior Operator

Changes from FY 2016 to FY 2017
1-Maintenance Operator position was added.

Unfunded Positions in FY17: Senior Operator

Budget Summary

Division: **Calhoun County Rural Water Supply**

Description

The Calhoun County Rural Water Supply Division operates and maintains a treated water distribution system to supply unincorporated areas of Calhoun County.

Objectives

In order to fulfill the requirements of the mission statement, the Division's operating plan contains the following goals and objectives.

WATER RESOURCE MANAGEMENT GOAL

To … maintain the excellent water loss statistics for the Rural System, while working to resolve lower working pressure concerns of larger residential customers in the Bay Meadow subdivision.

WATER QUALITY GOAL

To … participate with the GBRA Water Treatment Plant in the summer disinfectant transition to free chlorine, while continuing to meet byproduct contaminant standards, and to continue the excellent quality effluent of the Crestview wastewater treatment plant.

PUBLIC SERVICES GOAL

To … work with the main office in Seguin to provide more convenient but closely monitored credit card usage by customers, in the UMS billing program.

ECONOMIC DEVELOPMENT GOAL

To … continue developing plans for the Six Mile pump station expansion and the upgrading of the distribution system to serve an expanding customer base in the Six Mile area.

TECHNICAL ASSISTANCE AND SUPPORT GOAL

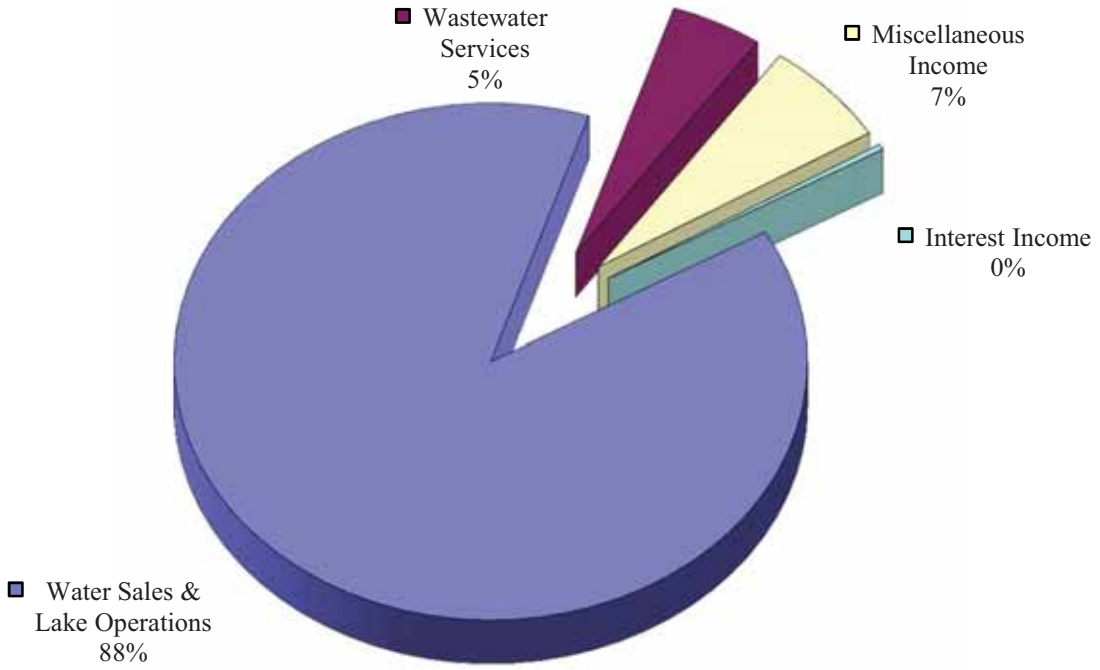
To … continue to provide courteous and excellent customer service in the field while responding to questions or concerns by customers about their private water systems, or guiding them to appropriate avenues of assistance.

COMMUNICATION AND EDUCATION

To … continue awareness of the conservation of drinking water supplies, the hazards of cross-connections, hurricane preparedness, and the need to exercise care in mixing pesticides, through use of the monthly bill's "bulletin board".

Budget Summary

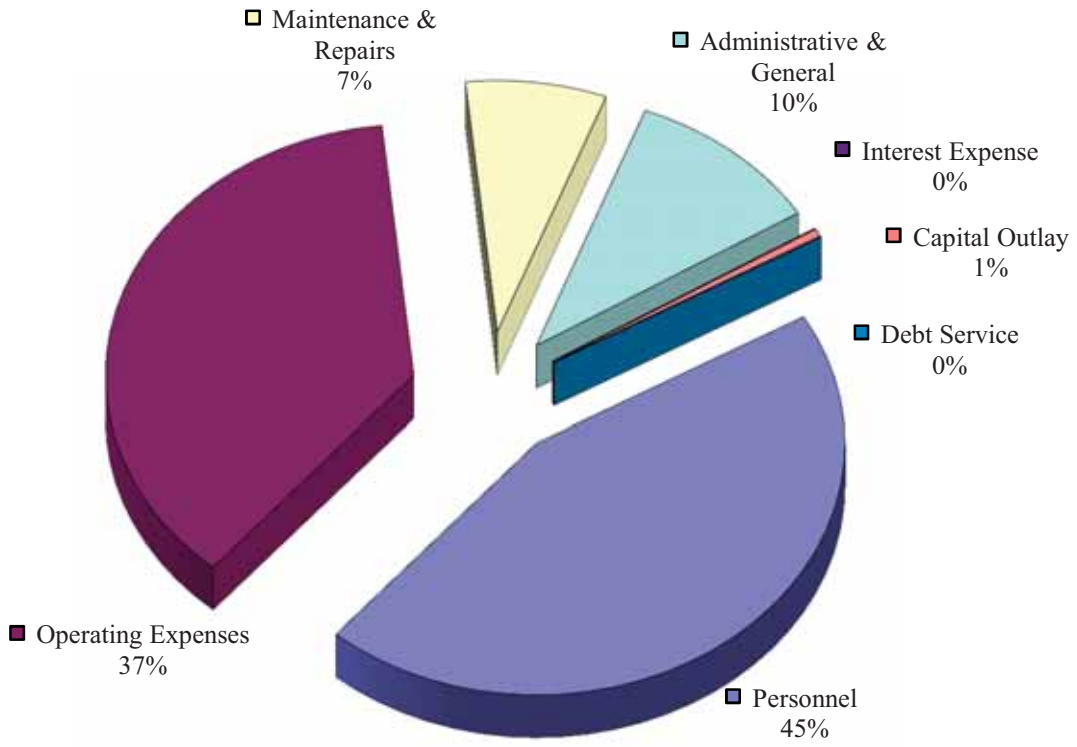
REVENUES - Rural Water



Revenues	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	852,889	978,677	1,014,601
Recreation & Land Use			
Wastewater Services	50,388	50,400	54,000
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	69,668	74,064	75,800
Total Operating Revenue	**972,945**	**1,103,141**	**1,144,401**
Interest Income	3,866	3,900	4,020
Grand Total Revenues	**976,811**	**1,107,041**	**1,148,421**

Budget Summary

EXPENSES - Rural Water



Expenses	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Personnel	341,549	474,777	526,829
Operating Expenses	416,511	388,712	437,633
Maintenance & Repairs	79,272	86,755	87,515
Administrative & General	80,034	111,161	122,893
Total Operating Expenses	**917,366**	**1,061,405**	**1,174,870**
Interest Expense			
Capital Outlay		2,000	6,000
Debt Service	27,000		
Grand Total Expenses	**944,366**	**1,063,405**	**1,180,870**

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Calhoun County Rural Water Supply Division
Operating Plan for Fiscal Year Ending 8/31/17

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 2017. 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 and the Operations Manager - Lower Basin. The Division is operated and maintained by a Chief Operator, a Maintenance Operator, a Maintenance Operator Trainee and an Assistant Secretary. The proposed operating plan for FY 2017 includes a second Maintenance Operator Trainee position to assist with the daily operation and maintenance of the rural water system retail operations and the Crestview wastewater treatment plant operations. 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 2017 water sales revenue budget is estimated at $1,014,601 based on the 1,454 customers receiving a total retail volume of treated water at their meters of 60.848 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 will be 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 $40.00 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 2017 are as follows:

Monthly Minimum	$40.00 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	$10.05 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 2017. The addition of 24 new connections is again forecast for the system during FY 2017 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 2017 based on a $5.00 per month per unit increase in the rate to $75.

CAPITAL ADDITIONS AND OPERATING EXPEDITURES

Significant operating expenses for the upcoming Fiscal Year include $6,600 for truck operating expenses, $8,700 for right-of-way rentals, $12,000 for office expenses including postage, communications, and computer operations, and $23,400 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. The $3,500 year-over-year increase in this amount is required for the ongoing replacement of meters or meter registers which have reached the end of their 10-year warranty period. 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.

Interdivision water purchases for FY2017 are budgeted at $258,293. 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.

A total of $16,000 is included in the FY 2017 budget for the land needed to expand the Six Mile booster station to meet existing and forecast customer demands. Other improvements proposed in the work plan include conclusion of the North Ocean Drive Upgrade project with $12,000 going towards one remaining pipeline bore.

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 $56,160 for FY 2017.

The Rural Water Division contracted with Arcadis to complete a feasibility study in response to an agreed order set forth by the TCEQ for non-compliance with the Stage 2 Disinfection By-products Rule. The study indicates significant improvements are necessary within the water treatment plant operated by the GBRA Port Lavaca WTP Division and the Rural Water Division will be required to pay for a proportionate share of the expenses. In addition to plant modifications, water quality can also be improved with additional flushing in the distribution system. As a result, $6,000 is budgeted in 2017 to purchase and install two automatic flushing devices that will help reduce disinfection byproducts within the system.

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 2017 will be $60,449. Therefore, $60,500 of previously accumulated funds that are currently held in the division's financial reserves will be used to cover this operational deficit.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

070 - RURAL WATER

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WATER SALES & LAKE OPERATIONS:			
WATER SALES	978,677	1,014,601	35,924
Total WATER SALES & LAKE OPERATIONS	**978,677**	**1,014,601**	**35,924**
WASTEWATER SERVICES:			
SERVICE FEES-CRESTVIEW	50,400	54,000	3,600
Total WASTEWATER SERVICES	**50,400**	**54,000**	**3,600**
MISCELLANEOUS INCOME:			
MISCELLANEOUS REVENUES	18,000	18,000	
CRESTVIEW TAP FEES	3,264	5,000	1,736
TAP FEES	24,000	24,000	
MEMBERSHIP FEES	28,800	28,800	
Total MISCELLANEOUS INCOME	**74,064**	**75,800**	**1,736**
TOTAL OPERATING REVENUES	**1,103,141**	**1,144,401**	**41,260**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	24,947	30,280	5,332
SUPERVISION	34,053	41,257	7,204
LABOR	195,068	209,827	14,759
Total OPERATING SALARIES & WAGES	**254,068**	**281,364**	**27,295**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	1,500	3,600	2,100
EMPLOYEE BENEFITS	136,425	150,824	14,399
Total EMPLOYEE EXPENSES & BENEFITS	**137,925**	**154,424**	**16,499**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	6,600	6,600	
RIGHT-OF-WAY RENTALS	8,460	8,700	240
PUBLIC INFORMATION	1,500	1,680	180
DUES AND MEMBERSHIPS	720	840	120
PUBLICATIONS AND BOOKS	240	240	
SMALL TOOLS EXPENSE	3,000	3,000	
TRACTORS AND EQUIPMENT	1,200	2,400	1,200

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

070 - RURAL WATER

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
UNIFORMS AND LAUNDRY	2,460	2,820	360
TRANSMISSION CHARGES	56,160	56,160	
BAD DEBT EXPENSE	1,200	1,200	
TRAINING EXPENSES	2,400	2,400	
SAFETY & EMERG. EXPENSES	2,040	2,040	
SECURITY EXPENSE	3,600	2,760	(840)
POWER AND UTILITIES	7,020	7,020	
LAB SUPPLIES & EXPENSES	3,360	4,020	660
PROFESSIONAL FEES	1,080	8,700	7,620
CONTRACT LABOR	1,200	1,200	
CRESTVIEW EXPENSES	23,400	23,400	
INSPECTION FEES	3,000	3,480	480
COMMUNICATIONS	3,600	3,600	
OFFICE SUPPLIES & EXPENSES	13,140	12,000	(1,140)
COMPUTER SUPPLIES & SERVICE	8,040	8,040	
BANK SERVICE FEES	1,000		(1,000)
INSURANCE EXPENSE	17,000	15,000	(2,000)
MISCELLANEOUS EXPENSES	2,040	2,040	
Total OPERATING SUPPLIES & SERVICES	**173,460**	**179,340**	**5,880**
MAINTENANCE & REPAIR			
LABOR	82,783	91,041	8,258
MATERIAL	73,395	69,035	(4,360)
SERVICES	13,360	18,480	5,120
Total MAINTENANCE & REPAIR	**169,538**	**178,556**	**9,018**
TOTAL OPERATING & MAINTENANCE	**734,992**	**793,684**	**58,692**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	111,161	122,893	11,732
Total ADMINISTRATIVE & GENERAL	**111,161**	**122,893**	**11,732**
WATER PURCHASES/DELIVERY:			
INTERDIVISION WATER PURCH	215,252	258,293	43,041
Total WATER PURCHASES/DELIVERY	**215,252**	**258,293**	**43,041**
TOTAL OPERATING EXPENSES	**1,061,405**	**1,174,870**	**113,465**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

070 - RURAL WATER

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
NET OPERATING INCOME	**41,736**	**(30,469)**	**(72,205)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

070 - RURAL WATER

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	1,103,141	1,144,401	41,260
OPERATING EXPENSES	(1,061,405)	(1,174,870)	(113,465)
NET OPERATING INCOME	**41,736**	**(30,469)**	**(72,205)**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON OPERATING FUNDS	3,840	3,960	120
INT ON NOW ACCTS	60	60	
Total INTEREST INCOME	**3,900**	**4,020**	**120**
TOTAL NON-OPERATING REVENUES (EXPENSES)	**3,900**	**4,020**	**120**
CHANGE IN NET ASSETS	**45,636**	**(26,449)**	**(72,085)**
CHANGE IN RESTRICTED FUNDS:			
SOURCE-CHANGE IN RESTR. FUNDS	4,500	60,500	56,000
Total CHANGE IN RESTRICTED FUNDS	**4,500**	**60,500**	**56,000**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE	**50,136**	**34,051**	**(16,085)**
PURCHASES OF FIXED ASSETS			
OFFICE FURN & EQUIPMENT	2,000		(2,000)
MISCELLANEOUS EQUIPMENT		6,000	6,000
Total PURCHASES OF FIXED ASSETS	**2,000**	**6,000**	**4,000**
WORK IN PROGRESS			
WIP-OPERATING	48,000	28,000	(20,000)
Total WORK IN PROGRESS	**48,000**	**28,000**	**(20,000)**
DEBT SERVICE			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

070 - RURAL WATER

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
TOTAL FUNDS APPLIED	**50,000**	**34,000**	**(16,000)**
NET CHANGE IN FUND BALANCE	**136**	**51**	**(85)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

070 - RURAL WATER

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	8,183	12,125	3,942
STA- CLERICAL	16,764	18,154	1,390
Total STAFF TECHNICAL ASSISTANCE	**24,947**	**30,280**	**5,332**
SUPERVISION:			
SUPERVISION	31,872	39,284	7,411
SUP- CRESTVIEW	2,181	1,973	(207)
Total SUPERVISION	**34,053**	**41,257**	**7,204**
OPERATING LABOR:			
CLERICAL	452	356	(96)
REG- OPERATING LABOR	100,664	102,431	1,767
REG- MISC LABOR	77		(77)
CLR- OPERATING LABOR	66,941	71,148	4,207
REG- CRESTVIEW LABOR	13,501	14,180	679
REG- SAFETY & TRAINING		4,846	4,846
OVT- OPERATING LABOR	9,101	9,531	430
OVT- CLERICAL LABOR	114	118	5
OVT- CRESTVIEW	4,218	3,600	(619)
REG- WORKING HOLIDAY LABOR		3,617	3,617
Total OPERATING LABOR	**195,068**	**209,827**	**14,759**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- CRESTVIEW	9,051	8,602	(449)
REG/LBR- OTHER	66,456	73,101	6,645
Total M&R-LABOR	**75,507**	**81,703**	**6,196**
M&R-OVERTIME:			
OVT/LBR- CRESTVIEW	197	1,052	855
OVT/LBR- OTHER	7,080	8,287	1,207
Total M&R-OVERTIME	**7,277**	**9,339**	**2,062**
Total MAINTENANCE & REPAIR	**82,783**	**91,041**	**8,258**
WORK IN PROGRESS			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

070 - RURAL WATER

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**336,852**	**372,405**	**35,553**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

070 - RURAL WATER

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- CRESTVIEW	9,051	8,602	(449)
REG/LBR- OTHER	66,456	73,101	6,645
OVT/LBR- CRESTVIEW	197	1,052	855
OVT/LBR- OTHER	7,080	8,287	1,207
Total LABOR	**82,783**	**91,041**	**8,258**
MATERIAL:			
M&R/MAT- WATER LINES	7,080	9,180	2,100
M&R/MAT- TOOLS &EQUIPMENT	600	1,080	480
M&R/MAT- METERS	27,280	28,800	1,520
M&R/MAT- TRUCKS	240	480	240
M&R/MAT- TELEMETRY EQUIP	120	120	
M&R/MAT- RADIO EQUIPMENT	120	120	
M&R/MAT- STOCK BUILDING	480	480	
M&R/MAT- PUMPS AND MOTORS	1,050	1,050	
M&R/MAT- METER BOXES	16,565	16,565	
M&R/MAT- PRSR TANKS &CONT	480	480	
M&R/MAT- VALVES	2,040	2,040	
M&R/MAT- IND.BOOSTER STAT	1,200	1,200	
M&R/MAT- PT.O'CON STATION		1,200	1,200
M&R/MAT- 6 MILE STATION	1,200		(1,200)
M&R/MAT- TRAILER	1,200	1,200	
M&R/MAT- 3/4 TON PICKUP	240	480	240
M&R/MAT- OFFICE BUILDING	900	900	
M&R/MAT- TRACK HOE	240	240	
M&R/MAT- TRUCK	1,500	720	(780)
M&R/MAT- BORING MACHINE	480	480	
M&R/MAT- TRACTORS	180	180	
M&R/MAT- CRESTVIEW	9,960	1,800	(8,160)
M&R/MAT- OTHER	240	240	
Total MATERIAL	**73,395**	**69,035**	**(4,360)**
SERVICES:			
M&R/SER- WATER LINES	120		(120)
M&R/SER- TOOLS &EQUIPMENT	1,080	1,080	
M&R/SER- METERS	1,200	1,200	
M&R/SER- BACKFLOW PREVENT	360	120	(240)
M&R/SER- TRUCKS	480	480	
M&R/SER- TELEMETRY EQUIP	480	480	
M&R/SER- RADIO EQUIPMENT	960	480	(480)
M&R/SER- STOCK BUILDING	120	120	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

070 - RURAL WATER

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/SER- PUMPS AND MOTORS	840	840	
M&R/SER- IND.BOOSTER STAT	120	120	
M&R/SER- 6 MILE STATION	720	1,200	480
M&R/SER- TRAILER	240	240	
M&R/SER- 3/4 TON PICKUP	2,500	7,920	5,420
M&R/SER- OFFICE BUILDING	1,500	1,500	
M&R/SER- TRACK HOE	240	240	
M&R/SER- TRUCK	180	240	60
M&R/SER- BORING MACHINE	480	480	
M&R/SER- TRACTORS	300	300	
M&R/SER- CRESTVIEW	1,200	1,200	
M&R/SER- OTHER	240	240	
Total SERVICES	**13,360**	**18,480**	**5,120**
TOTAL MAINTENANCE & REPAIR	**169,538**	**178,556**	**9,018**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

070 - RURAL WATER

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - OPERATING			
SIX MILE STN IMPROVEMENTS-MAT	16,000	16,000	
Total	**16,000**	**16,000**	
MAXWELL DITCH CROSSING-SERVICE	20,000		(20,000)
Total	**20,000**		**(20,000)**
OCEAN DRIVE UPGRADE-SERVICE	12,000	12,000	
Total	**12,000**	**12,000**	
TOTAL WIP - OPERATING	**48,000**	**28,000**	**(20,000)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

RURAL WATER

	FY 2017 BUDGET
MISCELLANEOUS EQUIPMENT	
TWO AUTOMATIC FLUSH	6,000
Total MISCELLANEOUS EQUIPMENT	**6,000**
TOTAL CAPITAL ADDITIONS	**6,000**

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 Coleto Creek Power, LP 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, LP's adjacent 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: Coleto Creek Power, LP
- Capacity: 35,084 acre feet
- # of Current Employees: 6
- Budgeted Revenue: $924,979

Coleto Creek Division
Headquarter Office

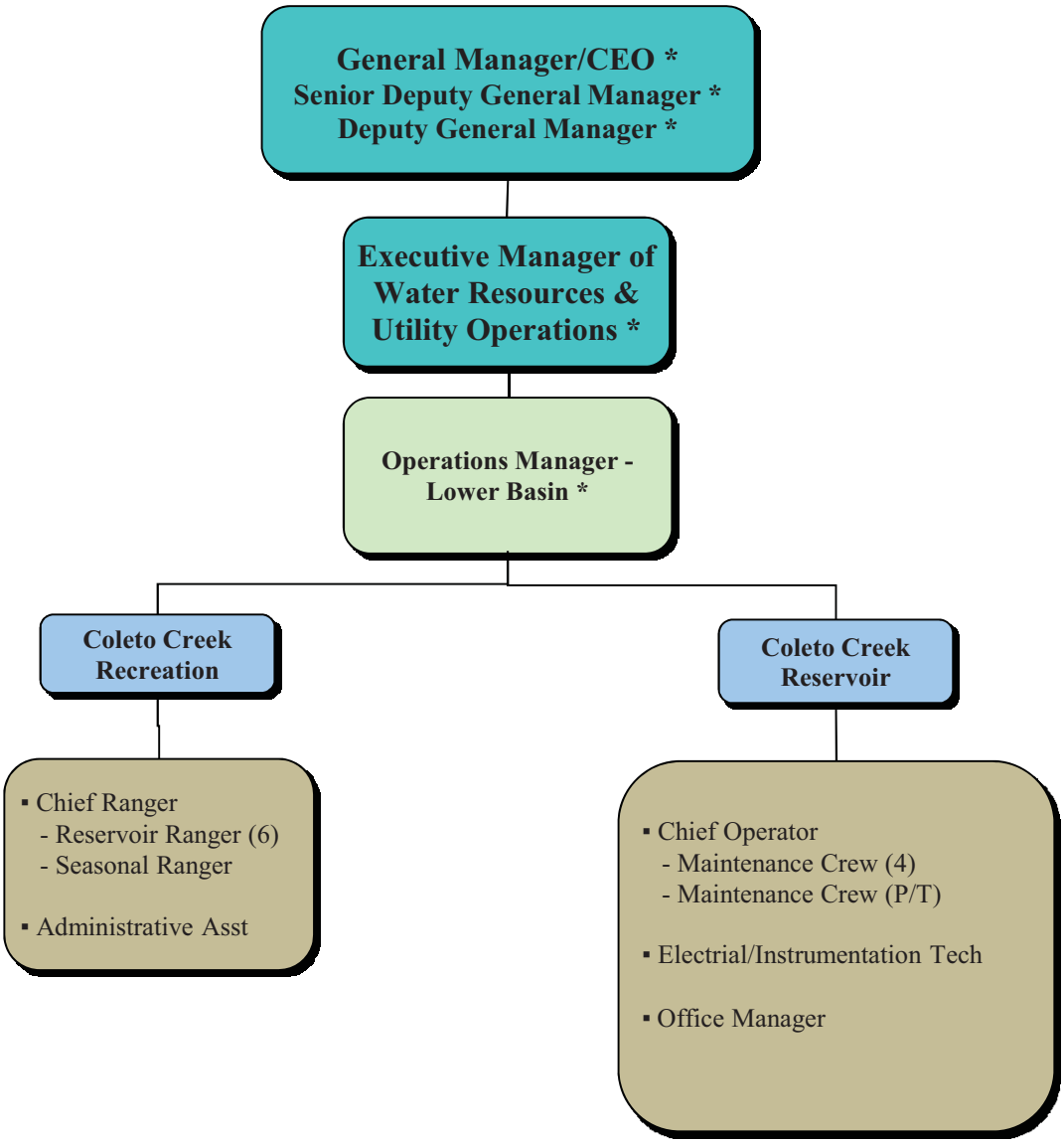
Coleto Creek Recreation

The Park currently has:

- Fifty-two multi-use campsites (water, 20/30 amp electric hookups, BBQ grill, and picnic table)
- Twenty 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: $894,480

Coleto Creek Division Organizational Chart



* GBRA employee from another Division

Staffing Summary

Coleto Creek	# of Authorized Positions (FTE)		
	2015	2016	2017
Coleto Creek Reservoir			
Chief Operator	1	1	1
Electrical/Instrumentation Technician	1	1	1
Office Manager	1	1	1
Maintenance Crew	4.5	4.5	4.5
Total Reservoir	7.5	7.5	7.5
Coleto Creek Recreation			
Chief Ranger	1	1	1
Reservoir Ranger	6	6	6
Administrative Assistant	1	1	1
Seasonal Ranger	0.5	0.5	0.5
Total Recreation	8.5	8.5	8.5
Total	**16**	**16**	**16**

Changes from FY 2015 to FY 2016
No staffing changes for this division.

Unfunded Positions in FY16: Reservoir-Maintenance Crew and P/T Maintenance Crew

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

Unfunded Positions in FY17: Reservoir-Maintenance Crew and P/T Maintenance Crew; Recreation-Seasonal Ranger

Budget Summary

Division: **Coleto Creek**

Description

Coleto Creek Division management personnel in the Reservoir and Recreation Systems have operated the Coleto Creek Reservoir and Park, located thirteen miles southwest of Victoria, since June 1980. Natural flows from the Guadalupe River are diverted to Coleto Creek Reservoir under a permit issued by the State of Texas. The 3,100 acre Reservoir, which is normally maintained at an elevation of 98.0' mean sea level, provides cooling water to the Coleto Creek Power Station located near Fannin. The Coleto Creek Recreation System manages the park property and facilities adjacent to the reservoir, including a 200-foot lighted pier, multi-use campsites for RV and tent camping, camping cabins, rental travel trailers, a 4-lane boat ramp, picnic and swimming areas, hike/nature trails, children's playgrounds, volleyball courts, and group pavilions.

Objectives

The following objectives are the division's operating plan in working toward the goals and objectives as outlined in the mission statement.

WATER RESOURCE MANAGEMENT GOAL

To … develop a network of rain gauges over the reservoir watershed to assist the National Weather Service River Forecast Center in forecasting flood flows into the reservoir.

WATER QUALITY GOAL

To ... continue to identify and monitor all septic systems adjacent to the Coleto Creek Reservoir as well as existing oil and gas operations, major shoreline disturbances, etc. that may create a potential water quality problem. Perform annual inspection of all Coleto Creek Project property to identify non-permitted property modifications on leaseback property and non-permitted oil and gas activities.

PUBLIC SERVICES GOAL

To … continue evaluation of current services provided by GBRA to customers to determine future recreational needs and facility development. GBRA will pursue outside sources of funding (grants, etc) to assist with facility development.

ECONOMIC DEVELOPMENT GOAL

To … continue participation in the Coastal Bend Regional Tourism Council, Victoria Partnership and the Goliad County Chamber of Commerce in the support of economic and tourism development in the Coastal Bend area. GBRA's focus will be the promotion of economic and tourism development on a "region-wide" basis instead of individual community programs.

TECHNICAL ASSISTANCE AND SUPPORT GOAL

To … develop and host cooperative training programs to benefit GBRA, our customers, the general public and other entities. Training program will include:

- TAES Cooperative Courses
- TPWD Safe Boating, Hunting, and Fishing Classes
- Aquatic Plant Management and Control Programs
- Texas Master Naturalist Programs
- Victoria Photo Club Outdoor Photography Classes

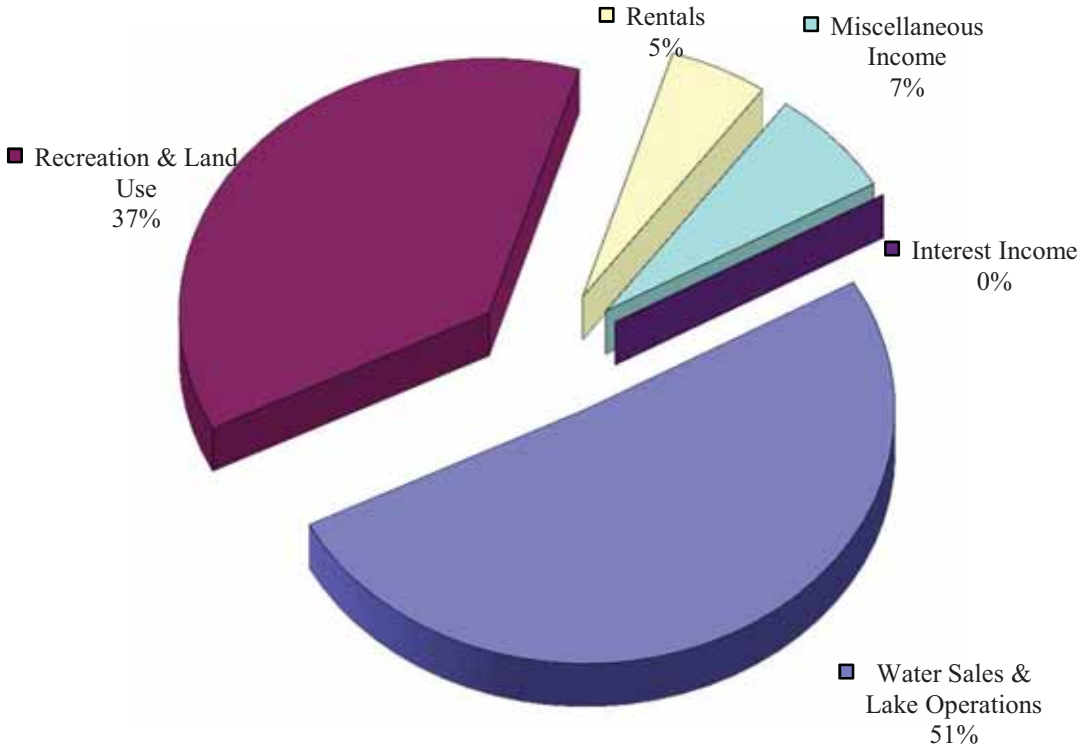
COMMUNICATION AND EDUCATION

To … display exhibits on GBRA operations at regional trade and travel shows, field days, and tours for area schools. To work on partnerships needed to develop a Coleto Creek Outdoor Learning Center to utilize in providing a variety of outdoor and environmental education programs.

To … develop an early warning system and education program for downstream interests, media, general public, etc. on the operation of the Coleto Creek Reservoir during flood events.

Budget Summary

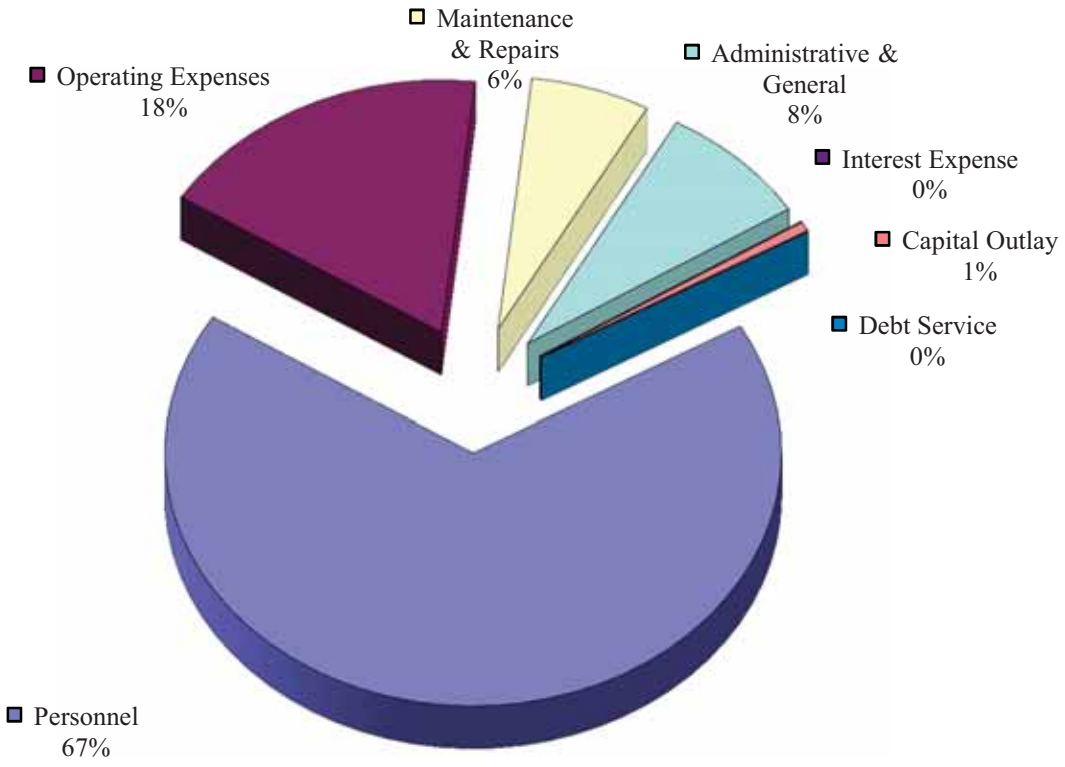
REVENUES - Coleto Creek



Revenues	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	971,767	907,598	924,979
Recreation & Land Use	634,567	662,280	677,000
Wastewater Services			
Laboratory Services			
Rentals	93,808	89,620	94,080
Administrative & General			
Miscellaneous Income	17,621	23,400	123,400
Total Operating Revenues	**1,717,762**	**1,682,898**	**1,819,459**
Interest Income	25	36	36
Grand Total Revenues	**1,717,787**	**1,682,934**	**1,819,495**

Budget Summary

EXPENSES - Coleto Creek



Expenses	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Personnel	1,048,346	1,132,641	1,131,806
Operating Expenses	365,493	292,150	298,520
Maintenance & Repairs	132,664	126,260	105,440
Administrative & General	139,653	138,637	135,256
Total Operating Expenses	**1,686,154**	**1,689,688**	**1,671,021**
Interest Expense			
Capital Outlay	44,963	5,000	10,000
Debt Service	23,000		
Grand Total Expenses	**1,754,118**	**1,694,688**	**1,681,021**

Coleto Creek Division
Coleto Creek Reservoir System
Operating Plan for Fiscal Year Ending 8/31/17

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.

During the third quarter of 2016, Dynegy acquired the assets of GDF Suez, including the Coleto Creek Power Station which will continue to operate under the existing company name of 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 2017. 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 Operations Manager – Lower Basin 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 $924,979 compared to budgeted revenue of $907,598 for FY2016. This 1.92% increase reflects the increase in budgeted operating costs described below.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Significant operating expenses for the ensuing Fiscal Year include $17,448 for stream gaging expenses. These costs are associated with the cooperative agreement with the United States Geological Survey, which provides seven 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 $25,200 is budgeted under professional fees including $9,000 to contract with AECOM to conduct the biennial walkover inspection of the Coleto Creek Dam and Spillway and $12,000 to contract with AECOM to conduct an underdrain flushing study on the Coleto Creek Spillway.

Significant maintenance and repair expenses for the ensuing Fiscal Year include $7,140 for the installation of stop logs in front of spillgate gate number 6 on the main spillway 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, $3,500 to pull and service one diversion pump, and $3,500 for repairs to the main dam service road.

No new equipment purchases are included in the FY 2017 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 FY2017 amounts to $0.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

091 - COLETO CREEK RESERVOIR

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WATER SALES & LAKE OPERATIONS:			
COLETO CREEK POWER,LP- O&M EXP	876,358	898,689	22,331
COLETO CREEK POWER,LP- A&G EXP	26,240	26,290	50
CCP,LP- ADDS. TO PLANT & EQUIP	5,000		(5,000)
Total WATER SALES & LAKE OPERATIONS	**907,598**	**924,979**	**17,381**
TOTAL OPERATING REVENUES	**907,598**	**924,979**	**17,381**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	17,152	17,987	835
SUPERVISION	15,738	14,502	(1,236)
LABOR	216,172	220,197	4,025
Total OPERATING SALARIES & WAGES	**249,063**	**252,686**	**3,624**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	3,624	3,624	
EMPLOYEE BENEFITS	187,038	191,129	4,091
Total EMPLOYEE EXPENSES & BENEFITS	**190,662**	**194,753**	**4,091**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	19,440	19,440	
BUILDING RENTAL	13,620	14,080	460
DUES AND MEMBERSHIPS	888	888	
PUBLICATIONS AND BOOKS	780	780	
SMALL TOOLS EXPENSE	2,076	2,076	
TRACTORS AND EQUIPMENT	540	540	
BOAT OPERATING	324	324	
UNIFORMS AND LAUNDRY	3,420	3,420	
PROCESS/SPECIAL OPERATING	1,800	1,800	
GAUGING/MONITORING	16,776	17,448	672
TRAINING EXPENSES	3,048	3,048	
SAFETY & EMERG. EXPENSES	13,548	13,548	
SECURITY EXPENSE	804	804	
POWER AND UTILITIES	4,032	4,032	
PUMP STATION POWER/UTILIT	12,000	12,000	
LAB SUPPLIES & EXPENSES	468	468	
PROFESSIONAL FEES	10,200	25,200	15,000
COMMUNICATIONS	3,996	3,996	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

091 - COLETO CREEK RESERVOIR

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OFFICE SUPPLIES & EXPENSES	4,896	4,896	
COMPUTER SUPPLIES & SERVICE	4,776	4,776	
INSURANCE EXPENSE	17,200	17,200	
MISCELLANEOUS EXPENSES	4,332	4,332	
Total OPERATING SUPPLIES & SERVICES	**138,964**	**155,096**	**16,132**
MAINTENANCE & REPAIR			
LABOR	212,761	219,237	6,476
MATERIAL	42,872	41,876	(996)
SERVICES	42,036	35,040	(6,996)
Total MAINTENANCE & REPAIR	**297,669**	**296,153**	**(1,516)**
TOTAL OPERATING & MAINTENANCE	**876,358**	**898,689**	**22,331**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	26,240	26,290	50
Total ADMINISTRATIVE & GENERAL	**26,240**	**26,290**	**50**
TOTAL OPERATING EXPENSES	**902,598**	**924,978**	**22,380**
NET OPERATING INCOME	**5,000**	**0**	**(5,000)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

091 - COLETO CREEK RESERVOIR

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	907,598	924,979	17,381
OPERATING EXPENSES	(902,598)	(924,978)	(22,380)
NET OPERATING INCOME	**5,000**	**0**	**(5,000)**
NON-OPERATING REVENUES (EXPENSES)			
TOTAL NON-OPERATING REVENUES (EXPENSES)			
CHANGE IN NET ASSETS	**5,000**	**0**	**(5,000)**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE	**5,000**	**0**	**(5,000)**
PURCHASES OF FIXED ASSETS			
AUTO & HEAVY EQUIPMENT	5,000		(5,000)
Total PURCHASES OF FIXED ASSETS	**5,000**		**(5,000)**
WORK IN PROGRESS			
DEBT SERVICE			
TOTAL FUNDS APPLIED	**5,000**		**(5,000)**
NET CHANGE IN FUND BALANCE	**0**	**0**	**0**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

091 - COLETO CREEK RESERVOIR

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	7,656	8,703	1,047
STA- CLERICAL	9,496	9,284	(212)
Total STAFF TECHNICAL ASSISTANCE	**17,152**	**17,987**	**835**
SUPERVISION:			
SUPERVISION	15,738	14,502	(1,236)
Total SUPERVISION	**15,738**	**14,502**	**(1,236)**
OPERATING LABOR:			
CLERICAL	531	274	(258)
REG- OPERATING LABOR	142,935	146,761	3,825
CLR- OPERATING LABOR	55,446	56,514	1,068
OVT- OPERATING LABOR	10,077	9,734	(343)
REG- WORKING HOLIDAY LABOR	7,183	6,915	(268)
Total OPERATING LABOR	**216,172**	**220,197**	**4,025**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	209,965	216,345	6,380
Total M&R-LABOR	**209,965**	**216,345**	**6,380**
M&R-OVERTIME:			
OVT/LBR- OTHER	2,795	2,892	97
Total M&R-OVERTIME	**2,795**	**2,892**	**97**
Total MAINTENANCE & REPAIR	**212,761**	**219,237**	**6,476**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**461,823**	**471,923**	**10,100**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

091 - COLETO CREEK RESERVOIR

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	209,965	216,345	6,380
OVT/LBR- OTHER	2,795	2,892	97
Total LABOR	**212,761**	**219,237**	**6,476**
MATERIAL:			
M&R/MAT- PUMPS	984	984	
M&R/MAT- MAIN SPILLGATES	720	720	
M&R/MAT- DIKES SPILLGATES	240	240	
M&R/MAT- S/GATES & T/RACK	180	180	
M&R/MAT- INST & MONITOR	8,520	5,520	(3,000)
M&R/MAT- MAIN MTRS/HOISTS	360	360	
M&R/MAT- DIKE MTRS/HOISTS	360	360	
M&R/MAT- PIPELINE	480	480	
M&R/MAT- PIEZOMETERS	240	240	
M&R/MAT- ELECTRICAL	1,800	1,800	
M&R/MAT- EMERG. GENERATOR	1,800	1,800	
M&R/MAT- GROUNDSKEEPING	9,360	9,360	
M&R/MAT- TRACTORS	2,400	2,400	
M&R/MAT- BUOYS	240	240	
M&R/MAT- ROW/FENCES	3,600	3,600	
M&R/MAT- FLUME LEVEES	192	192	
M&R/MAT- EQUIP. PAINTING	2,400	2,400	
M&R/MAT- LIGHT SYSTEM	320	320	
M&R/MAT- ROADS & BRIDGES	2,928	2,928	
M&R/MAT- EROSION & DRAIN	1,200	1,200	
M&R/MAT- TOOLS & EQUIP	2,748	4,752	2,004
M&R/MAT- RADIO EQUIP	120	120	
M&R/MAT- BOAT	120	120	
M&R/MAT- UNIT 90	360	360	
M&R/MAT- UNIT 91	360	360	
M&R/MAT- UNIT 92	360	360	
M&R/MAT- UNIT 93	360	360	
M&R/MAT- SLEEPY HOLLOW	120	120	
Total MATERIAL	**42,872**	**41,876**	**(996)**
SERVICES:			
M&R/SER- PUMPS	3,504	3,504	
M&R/SER- MAIN SPILLGATES	7,140	7,140	
M&R/SER- DIKES SPILLGATES	1,800		(1,800)
M&R/SER- INST & MONITOR	8,976	5,376	(3,600)
M&R/SER- MAIN MTRS/HOISTS	240	240	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

091 - COLETO CREEK RESERVOIR

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/SER- DIKE MTRS/HOISTS	240	240	
M&R/SER- EMERG. GENERATOR	996	996	
M&R/SER- GROUNDSKEEPING	5,160	1,560	(3,600)
M&R/SER- TRACTORS	1,200	1,200	
M&R/SER- ROW/FENCES	2,208	2,208	
M&R/SER- ROADS & BRIDGES	6,372	6,372	
M&R/SER- EROSION & DRAIN	1,200	1,200	
M&R/SER- TOOLS & EQUIP	240	2,244	2,004
M&R/SER- RADIO EQUIP	360	360	
M&R/SER- BOAT	480	480	
M&R/SER- UNIT 90	480	480	
M&R/SER- UNIT 91	480	480	
M&R/SER- UNIT 92	480	480	
M&R/SER- UNIT 93	480	480	
Total SERVICES	**42,036**	**35,040**	**(6,996)**
TOTAL MAINTENANCE & REPAIR	**297,669**	**296,153**	**(1,516)**

Coleto Creek Division
Coleto Creek Recreation System
Operating Plan for Fiscal Year Ending 8/31/17

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 2017 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. Employee training will be conducted to enhance current operations and increase technical competence. 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, recreation grants, and office space rentals to the Reservoir System.

The Recreation System will be managed by the Lower Basin Operations Manager 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 $645,000; $32,000; $80,000; $121,000, and $2,400 respectively. The proposed fee schedule for FY 2017 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 $ 7,008 for Public Information, $8,280 for process/special operating, $3,200 for communications, $45,000 for park electrical power, $1,780 for Office Supplies, $25,000 for banking fees due to park patrons using credit and debit cards, and $23,100 for insurance costs.

Significant maintenance and repair expenses for the ensuing fiscal year includes $3,000 for HQ services, $1,464 for materials for repairs to campsites, $2,100 in materials for continued repair of the camping cabins, and $480 in materials budgeted for grounds keeping.

Work Authorizations are proposed in the form of replacing the roof on camping loop's 35 year old restroom at a projected expense of $25,000; construction of an environmental learning/outdoor education center at a projected expense of $100,000 (to be funded by grant funds); and an upgrade of the electrical system servicing all campsites in camping loop #1. A Capital Addition purchase is also proposed for replacement of one of the park's commercial riding mowers at a projected expense of $10,000.

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 as well as a $12,000 interfund loan from the General Division.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

092 - COLETO CREEK RECREATION

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
RECREATION & LAND USE:			
RECREATION FEES	630,500	645,000	14,500
HUNTING REVENUES	31,780	32,000	220
Total RECREATION & LAND USE	**662,280**	**677,000**	**14,720**
RENTALS:			
LEASE REVENUES	76,000	80,000	4,000
EQUIP AND BUILDING	13,620	14,080	460
Total RENTALS	**89,620**	**94,080**	**4,460**
MISCELLANEOUS INCOME:			
DONATIONS/SPONSORSHIPS/GRANTS		121,000	121,000
CONCESSION/EVENTS REVENUE	21,000		(21,000)
MISCELLANEOUS REVENUES	2,400	2,400	
Total MISCELLANEOUS INCOME	**23,400**	**123,400**	**100,000**
TOTAL OPERATING REVENUES	**775,300**	**894,480**	**119,180**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	28,916	26,957	(1,959)
SUPERVISION	6,432	9,579	3,147
LABOR	202,591	188,229	(14,361)
Total OPERATING SALARIES & WAGES	**237,938**	**224,765**	**(13,173)**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	1,620	1,200	(420)
EMPLOYEE BENEFITS	137,941	133,730	(4,210)
Total EMPLOYEE EXPENSES & BENEFITS	**139,561**	**134,930**	**(4,630)**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	4,500	4,000	(500)
PUBLIC INFORMATION	5,150	7,008	1,858
DUES AND MEMBERSHIPS	1,920	1,600	(320)
PUBLICATIONS AND BOOKS	120	160	40
SMALL TOOLS EXPENSE	120	120	
GROUNDS CARE EQUIPMENT	600	120	(480)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

092 - COLETO CREEK RECREATION

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
UNIFORMS AND LAUNDRY	2,160	1,200	(960)
PROCESS/SPECIAL OPERATING	6,960	8,280	1,320
TRAINING EXPENSES	2,520	3,000	480
SAFETY & EMERG. EXPENSES	3,420	2,400	(1,020)
PARK POWER AND UTILITIES	52,300	45,000	(7,300)
HDQTRS POWER & UTILITIES	8,400	7,600	(800)
GROUP SHELTER POWER&UTIL	900	900	
SHOP/WELL PUMP UTILITIES	780	640	(140)
CHLORINE	168	168	
LAB SUPPLIES & EXPENSES	348	348	
COMMUNICATIONS	5,160	3,200	(1,960)
OFFICE SUPPLIES & EXPENSES	5,200	1,780	(3,420)
COMPUTER SUPPLIES & SERVICE	4,320	3,600	(720)
BANK SERVICE FEES	20,000	25,000	5,000
CONCESSIONS & SPECIAL EVENT	3,120	2,640	(480)
INSURANCE EXPENSE	23,100	23,100	
MISCELLANEOUS EXPENSES	1,920	1,560	(360)
Total OPERATING SUPPLIES & SERVICES	**153,186**	**143,424**	**(9,762)**
MAINTENANCE & REPAIR			
LABOR	102,657	105,433	2,777
MATERIAL	28,872	18,684	(10,188)
SERVICES	12,480	9,840	(2,640)
Total MAINTENANCE & REPAIR	**144,009**	**133,957**	**(10,051)**
TOTAL OPERATING & MAINTENANCE	**674,694**	**637,077**	**(37,617)**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	112,396	108,966	(3,431)
Total ADMINISTRATIVE & GENERAL	**112,396**	**108,966**	**(3,431)**
TOTAL OPERATING EXPENSES	**787,090**	**746,043**	**(41,047)**
NET OPERATING INCOME	**(11,790)**	**148,437**	**160,227**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

092 - COLETO CREEK RECREATION

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	775,300	894,480	119,180
OPERATING EXPENSES	(787,090)	(746,043)	41,047
NET OPERATING INCOME	**(11,790)**	**148,437**	**160,227**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON NOW ACCTS	36	36	
Total INTEREST INCOME	**36**	**36**	
TOTAL NON-OPERATING REVENUES (EXPENSES)	**36**	**36**	
CHANGE IN NET ASSETS	**(11,754)**	**148,473**	**160,227**
GENERAL LOANS PAID	21,800	12,000	(9,800)
Total INTERFUND LOANS	**21,800**	**12,000**	**(9,800)**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE	**10,046**	**160,473**	**150,427**
PURCHASES OF FIXED ASSETS			
AUTO & HEAVY EQUIPMENT		10,000	10,000
Total PURCHASES OF FIXED ASSETS		**10,000**	**10,000**
WORK IN PROGRESS			
WIP-OPERATING	10,000	150,000	140,000
Total WORK IN PROGRESS	**10,000**	**150,000**	**140,000**
DEBT SERVICE			
TOTAL FUNDS APPLIED	**10,000**	**160,000**	**150,000**
NET CHANGE IN FUND BALANCE	**46**	**473**	**427**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

092 - COLETO CREEK RECREATION

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	11,223	12,136	913
STA- CLERICAL	17,693	14,821	(2,871)
Total STAFF TECHNICAL ASSISTANCE	**28,916**	**26,957**	**(1,959)**
SUPERVISION:			
SUPERVISION	6,432	9,579	3,147
Total SUPERVISION	**6,432**	**9,579**	**3,147**
OPERATING LABOR:			
CLERICAL	425	328	(97)
REG- OPERATING LABOR	152,951	136,530	(16,421)
CLR- OPERATING LABOR	25,201	26,739	1,537
REG- SAFETY & TRAINING	6,765	8,038	1,273
OVT- OPERATING LABOR	6,998	5,705	(1,293)
OVT- SAFETY & TRAINING LBR	2,470	3,355	885
REG- WORKING HOLIDAY LABOR	7,780	7,534	(246)
Total OPERATING LABOR	**202,591**	**188,229**	**(14,361)**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	96,300	99,321	3,021
Total M&R-LABOR	**96,300**	**99,321**	**3,021**
M&R-OVERTIME:			
OVT/LBR- OTHER	3,087	2,954	(133)
Total M&R-OVERTIME	**3,087**	**2,954**	**(133)**
M&R-WORKING HOLIDAY PAY:			
HOL/LBR- OTHER	3,269	3,158	(111)
Total M&R-WORKING HOLIDAY PAY	**3,269**	**3,158**	**(111)**
Total MAINTENANCE & REPAIR	**102,657**	**105,433**	**2,777**
WORK IN PROGRESS			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

092 - COLETO CREEK RECREATION

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**340,595**	**330,199**	**(10,396)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

092 - COLETO CREEK RECREATION

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	96,300	99,321	3,021
OVT/LBR- OTHER	3,087	2,954	(133)
HOL/LBR- OTHER	3,269	3,158	(111)
Total LABOR	**102,657**	**105,433**	**2,777**
MATERIAL:			
M&R/MAT- HDQTRS COMPLEX	2,400	1,920	(480)
M&R/MAT- FENCES & R.O.W.	300		(300)
M&R/MAT- SIGNS & BARRIERS	300	360	60
M&R/MAT- BOAT RAMPS&DOCKS	900	1,500	600
M&R/MAT- CAMP SITES	3,000	1,464	(1,536)
M&R/MAT- PICNIC SITES	600	240	(360)
M&R/MAT- GROUNDSKEEPING	3,480	480	(3,000)
M&R/MAT- TRUCK UNIT 94	540	360	(180)
M&R/MAT- TRUCK UNIT 95	540	240	(300)
M&R/MAT- DAY USE RESTROOM	480	240	(240)
M&R/MAT- CAMPGROUND RESTR	1,200	1,200	
M&R/MAT- EQP/STRUC. PAINT	480		(480)
M&R/MAT- RDS, BRDG & PARK	600	360	(240)
M&R/MAT- PIERS & DOCKS	480	120	(360)
M&R/MAT- CAMPING CABINS	4,560	2,100	(2,460)
M&R/MAT- VANDALISM REPAIR	240		(240)
M&R/MAT- DUMP/SEPTIC SYST	792	4,200	3,408
M&R/MAT- SHELTER	480	480	
M&R/MAT- GROUND CARE EQUP	3,600	1,500	(2,100)
M&R/MAT- PAVILION	1,020	120	(900)
M&R/MAT- FISHERY & WILDLIFE	2,340	1,560	(780)
M&R/MAT- UNIT 96	540	240	(300)
Total MATERIAL	**28,872**	**18,684**	**(10,188)**
SERVICES:			
M&R/SER- HDQTRS COMPLEX	3,000	3,000	
M&R/SER- TRUCK UNIT 94	540	360	(180)
M&R/SER- TRUCK UNIT 95	540	360	(180)
M&R/SER- CAMPGROUND RESTR	480		(480)
M&R/SER- CAMPING CABINS	900	240	(660)
M&R/SER- GARBAGE HANDLING	3,780	4,020	240
M&R/SER- DUMP/SEPTIC SYST	300		(300)
M&R/SER- SHELTER	2,400	1,500	(900)
M&R/SER- UNIT 96	540	360	(180)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

092 - COLETO CREEK RECREATION

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total SERVICES	**12,480**	**9,840**	**(2,640)**
TOTAL MAINTENANCE & REPAIR	**144,009**	**133,957**	**(10,051)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

092 - COLETO CREEK RECREATION

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - OPERATING			
ED/OUTDOOR LEARNING CENTER-SER		80,000	80,000
ED/OUTDOOR LEARNING CENTER-MAT		20,000	20,000
Total		**100,000**	**100,000**
CAMPGROUND EXPANSION-MAT'L		25,000	25,000
Total		**25,000**	**25,000**
PLAYGROUND UPGRADE-MAT'L	10,000		(10,000)
Total	**10,000**		**(10,000)**
LOOP #1 RESTROOM ROOF-SERVICE		25,000	25,000
Total		**25,000**	**25,000**
TOTAL WIP - OPERATING	**10,000**	**150,000**	**140,000**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

COLETO CREEK RECREATION

	FY 2017 BUDGET
AUTO & HEAVY EQUIPMENT	
COMMERCIAL ZTR GROUNDS MOWER	10,000
Total AUTO & HEAVY EQUIPMENT	**10,000**
TOTAL CAPITAL ADDITIONS	**10,000**

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The systems within this division are independent systems. The inclusion of the following Division level consolidation pages is for information purposes only.

GUADALUPE-BLANCO RIVER AUTHORITY
COLETO CREEK DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WATER SALES & LAKE OPERATIONS:			
COLETO CREEK POWER,LP- O&M EXP	876,358	898,689	22,331
COLETO CREEK POWER,LP- A&G EXP	26,240	26,290	50
CCP,LP- ADDS. TO PLANT & EQUIP	5,000		(5,000)
Total WATER SALES & LAKE OPERATIONS	**907,598**	**924,979**	**17,381**
RECREATION & LAND USE:			
RECREATION FEES	630,500	645,000	14,500
HUNTING REVENUES	31,780	32,000	220
Total RECREATION & LAND USE	**662,280**	**677,000**	**14,720**
RENTALS:			
LEASE REVENUES	76,000	80,000	4,000
EQUIP AND BUILDING	13,620	14,080	460
Total RENTALS	**89,620**	**94,080**	**4,460**
MISCELLANEOUS INCOME:			
DONATIONS/SPONSORSHIPS/GRANTS		121,000	121,000
CONCESSION/EVENTS REVENUE	21,000		(21,000)
MISCELLANEOUS REVENUES	2,400	2,400	
Total MISCELLANEOUS INCOME	**23,400**	**123,400**	**100,000**
TOTAL OPERATING REVENUES	**1,682,898**	**1,819,459**	**136,561**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	46,068	44,944	(1,124)
SUPERVISION	22,170	24,081	1,911
LABOR	418,763	408,427	(10,336)
Total OPERATING SALARIES & WAGES	**487,001**	**477,452**	**(9,549)**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	5,244	4,824	(420)
EMPLOYEE BENEFITS	324,979	324,859	(120)

GUADALUPE-BLANCO RIVER AUTHORITY
COLETO CREEK DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total EMPLOYEE EXPENSES & BENEFITS	**330,223**	**329,683**	**(540)**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	23,940	23,440	(500)
BUILDING RENTAL	13,620	14,080	460
PUBLIC INFORMATION	5,150	7,008	1,858
DUES AND MEMBERSHIPS	2,808	2,488	(320)
PUBLICATIONS AND BOOKS	900	940	40
SMALL TOOLS EXPENSE	2,196	2,196	
GROUNDS CARE EQUIPMENT	1,140	660	(480)
BOAT OPERATING	324	324	
UNIFORMS AND LAUNDRY	5,580	4,620	(960)
PROCESS/SPECIAL OPERATING	8,760	10,080	1,320
GAUGING/MONITORING	16,776	17,448	672
TRAINING EXPENSES	5,568	6,048	480
SAFETY & EMERG. EXPENSES	16,968	15,948	(1,020)
SECURITY EXPENSE	804	804	
POWER AND UTILITIES	4,032	4,032	
PUMP STATION POWER/UTILIT	12,000	12,000	
PARK POWER AND UTILITIES	52,300	45,000	(7,300)
HDQTRS POWER & UTILITIES	8,400	7,600	(800)
GROUP SHELTER POWER&UTIL	900	900	
SHOP/WELL PUMP UTILITIES	780	640	(140)
CHLORINE	168	168	
LAB SUPPLIES & EXPENSES	816	816	
PROFESSIONAL FEES	10,200	25,200	15,000
COMMUNICATIONS	9,156	7,196	(1,960)
OFFICE SUPPLIES & EXPENSES	10,096	6,676	(3,420)
COMPUTER SUPPLIES & SERVICE	9,096	8,376	(720)
BANK SERVICE FEES	20,000	25,000	5,000
CONCESSIONS & SPECIAL EVENT	3,120	2,640	(480)
INSURANCE EXPENSE	40,300	40,300	
MISCELLANEOUS EXPENSES	6,252	5,892	(360)
Total OPERATING SUPPLIES & SERVICES	**292,150**	**298,520**	**6,370**
MAINTENANCE & REPAIR			
LABOR	315,417	324,670	9,253
MATERIAL	71,744	60,560	(11,184)
SERVICES	54,516	44,880	(9,636)
Total MAINTENANCE & REPAIR	**441,677**	**430,110**	**(11,567)**
TOTAL OPERATING & MAINTENANCE	**1,551,052**	**1,535,766**	**(15,286)**

GUADALUPE-BLANCO RIVER AUTHORITY
COLETO CREEK DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	138,637	135,256	(3,381)
Total ADMINISTRATIVE & GENERAL	**138,637**	**135,256**	**(3,381)**
TOTAL OPERATING EXPENSES	**1,689,688**	**1,671,021**	**(18,667)**
NET OPERATING INCOME	**(6,790)**	**148,437**	**155,227**

GUADALUPE-BLANCO RIVER AUTHORITY
COLETO CREEK DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	1,682,898	1,819,459	136,561
OPERATING EXPENSES	(1,689,688)	(1,671,021)	18,667
NET OPERATING INCOME	**(6,790)**	**148,437**	**155,227**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON NOW ACCTS	36	36	
Total INTEREST INCOME	**36**	**36**	
TOTAL NON-OPERATING REVENUES (EXPENSES)	**36**	**36**	
CHANGE IN NET ASSETS	**(6,754)**	**148,473**	**155,227**
GENERAL LOANS PAID	21,800	12,000	(9,800)
Total INTERFUND LOANS	**21,800**	**12,000**	**(9,800)**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE	**15,046**	**160,473**	**145,427**
PURCHASES OF FIXED ASSETS			
AUTO & HEAVY EQUIPMENT	5,000	10,000	5,000
Total PURCHASES OF FIXED ASSETS	**5,000**	**10,000**	**5,000**
WORK IN PROGRESS			
WIP-OPERATING	10,000	150,000	140,000
Total WORK IN PROGRESS	**10,000**	**150,000**	**140,000**
DEBT SERVICE			
TOTAL FUNDS APPLIED	**15,000**	**160,000**	**145,000**
NET CHANGE IN FUND BALANCE	**46**	**473**	**427**

GUADALUPE-BLANCO RIVER AUTHORITY
COLETO CREEK DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	18,879	20,838	1,959
STA- CLERICAL	27,189	24,105	(3,083)
Total STAFF TECHNICAL ASSISTANCE	**46,068**	**44,944**	**(1,124)**
SUPERVISION:			
SUPERVISION	22,170	24,081	1,911
Total SUPERVISION	**22,170**	**24,081**	**1,911**
OPERATING LABOR:			
CLERICAL	956	602	(354)
REG- OPERATING LABOR	295,886	283,290	(12,596)
CLR- OPERATING LABOR	80,647	83,253	2,606
REG- SAFETY & TRAINING	6,765	8,038	1,273
OVT- OPERATING LABOR	17,075	15,439	(1,636)
OVT- SAFETY & TRAINING LBR	2,470	3,355	885
REG- WORKING HOLIDAY LABOR	14,963	14,449	(514)
Total OPERATING LABOR	**418,763**	**408,427**	**(10,336)**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	306,265	315,666	9,401
Total M&R-LABOR	**306,265**	**315,666**	**9,401**
M&R-OVERTIME:			
OVT/LBR- OTHER	5,883	5,846	(36)
Total M&R-OVERTIME	**5,883**	**5,846**	**(36)**
M&R-WORKING HOLIDAY PAY:			
HOL/LBR- OTHER	3,269	3,158	(111)
Total M&R-WORKING HOLIDAY PAY	**3,269**	**3,158**	**(111)**
Total MAINTENANCE & REPAIR	**315,417**	**324,670**	**9,253**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			

GUADALUPE-BLANCO RIVER AUTHORITY
COLETO CREEK DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
TOTAL SALARIES & WAGES	**802,418**	**802,122**	**(296)**

GUADALUPE-BLANCO RIVER AUTHORITY
COLETO CREEK DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	306,265	315,666	9,401
OVT/LBR- OTHER	5,883	5,846	(36)
HOL/LBR- OTHER	3,269	3,158	(111)
Total LABOR	**315,417**	**324,670**	**9,253**
MATERIAL:			
M&R/MAT- HDQTRS COMPLEX	3,384	2,904	(480)
M&R/MAT- MAIN SPILLGATES	720	720	
M&R/MAT- DIKES SPILLGATES	240	240	
M&R/MAT- S/GATES & T/RACK	180	180	
M&R/MAT- INST & MONITOR	8,520	5,520	(3,000)
M&R/MAT- MAIN MTRS/HOISTS	360	360	
M&R/MAT- DIKE MTRS/HOISTS	360	360	
M&R/MAT- FENCES & R.O.W.	780	480	(300)
M&R/MAT- SIGNS & BARRIERS	540	600	60
M&R/MAT- BOAT RAMPS&DOCKS	2,700	3,300	600
M&R/MAT- CAMP SITES	4,800	3,264	(1,536)
M&R/MAT- PICNIC SITES	600	240	(360)
M&R/MAT- GROUNDSKEEPING	12,840	9,840	(3,000)
M&R/MAT- TRUCK UNIT 94	540	360	(180)
M&R/MAT- TRUCK UNIT 95	2,940	2,640	(300)
M&R/MAT- DAY USE RESTROOM	720	480	(240)
M&R/MAT- FISH STATION	3,600	3,600	
M&R/MAT- CAMPGROUND RESTR	1,392	1,392	
M&R/MAT- EQP/STRUC. PAINT	2,880	2,400	(480)
M&R/MAT- ELECTRICAL	320	320	
M&R/MAT- RDS, BRDG & PARK	3,528	3,288	(240)
M&R/MAT- EROSION & DRAIN	1,200	1,200	
M&R/MAT- TOOLS & EQUIP.	2,748	4,752	2,004
M&R/MAT- RADIO EQUIPMENT	120	120	
M&R/MAT- WATER LINES	120	120	
M&R/MAT- PIERS & DOCKS	840	480	(360)
M&R/MAT- CAMPING CABINS	4,920	2,460	(2,460)
M&R/MAT- GARBAGE HANDLING	360	360	
M&R/MAT- VANDALISM REPAIR	600	360	(240)
M&R/MAT- DUMP/SEPTIC SYST	912	4,320	3,408
M&R/MAT- SHELTER	480	480	
M&R/MAT- GROUND CARE EQUP	3,600	1,500	(2,100)
M&R/MAT- PAVILION	1,020	120	(900)
M&R/MAT- FISHERY & WILDLIFE	2,340	1,560	(780)
M&R/MAT- UNIT 96	540	240	(300)

GUADALUPE-BLANCO RIVER AUTHORITY
COLETO CREEK DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total MATERIAL	**71,744**	**60,560**	**(11,184)**
SERVICES:			
M&R/SER- HDQTRS COMPLEX	6,504	6,504	
M&R/SER- MAIN SPILLGATES	7,140	7,140	
M&R/SER- DIKES SPILLGATES	1,800		(1,800)
M&R/SER- INST & MONITOR	8,976	5,376	(3,600)
M&R/SER- MAIN MTRS/HOISTS	240	240	
M&R/SER- DIKE MTRS/HOISTS	240	240	
M&R/SER- CAMP SITES	996	996	
M&R/SER- GROUNDSKEEPING	5,160	1,560	(3,600)
M&R/SER- TRUCK UNIT 94	540	360	(180)
M&R/SER- TRUCK UNIT 95	1,740	1,560	(180)
M&R/SER- FISH STATION	2,208	2,208	
M&R/SER- CAMPGROUND RESTR	480		(480)
M&R/SER- RDS, BRDG & PARK	6,372	6,372	
M&R/SER- EROSION & DRAIN	1,200	1,200	
M&R/SER- TOOLS & EQUIP.	240	2,244	2,004
M&R/SER- RADIO EQUIPMENT	360	360	
M&R/SER- WATER LINES	480	480	
M&R/SER- PIERS & DOCKS	480	480	
M&R/SER- CAMPING CABINS	1,380	720	(660)
M&R/SER- GARBAGE HANDLING	4,260	4,500	240
M&R/SER- VANDALISM REPAIR	480	480	
M&R/SER- DUMP/SEPTIC SYST	300		(300)
M&R/SER- SHELTER	2,400	1,500	(900)
M&R/SER- UNIT 96	540	360	(180)
Total SERVICES	**54,516**	**44,880**	**(9,636)**
TOTAL MAINTENANCE & REPAIR	**441,677**	**430,110**	**(11,567)**

GUADALUPE-BLANCO RIVER AUTHORITY
COLETO CREEK DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - OPERATING			
ED/OUTDOOR LEARNING CENTER-SER		80,000	80,000
ED/OUTDOOR LEARNING CENTER-MAT		20,000	20,000
Total		**100,000**	**100,000**
CAMPGROUND EXPANSION-MAT'L		25,000	25,000
Total		**25,000**	**25,000**
PLAYGROUND UPGRADE-MAT'L	10,000		(10,000)
Total	**10,000**		**(10,000)**
LOOP #1 RESTROOM ROOF-SERVICE		25,000	25,000
Total		**25,000**	**25,000**
TOTAL WIP - OPERATING	**10,000**	**150,000**	**140,000**

GUADALUPE-BLANCO RIVER AUTHORITY
COLETO CREEK DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2017 BUDGET
AUTO & HEAVY EQUIPMENT	
COMMERCIAL ZTR GROUNDS MOWER	10,000
Total AUTO & HEAVY EQUIPMENT	**10,000**
TOTAL CAPITAL ADDITIONS	**10,000**

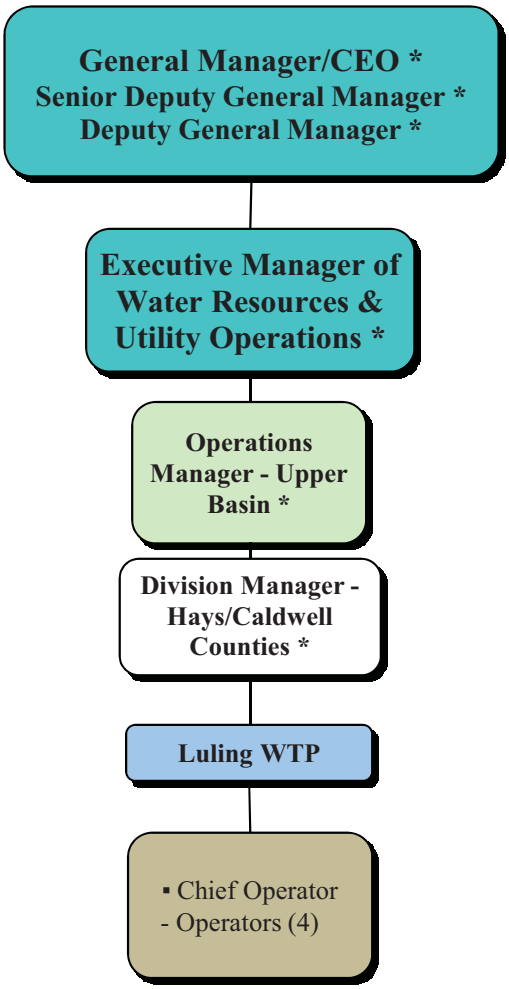
Luling WTP

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 municipal water treatment and delivery 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: 4
- Budgeted Revenue: $1,463,034

Luling WTP Division Organizational Chart



* GBRA employee from another Division

Staffing Summary

Luling	# of Authorized Positions (FTE)		
	2015	2016	2017
Chief Operator	1	1	1
Operators	4	4	4
Total	**5**	**5**	**5**

Changes from FY 2015 to FY 2016
No staffing changes for this division.

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

Budget Summary

Division: **Luling**

Description

The Luling Water Treatment Plant Division provides the City of Luling with treated drinking water. The plant is permitted to divert up to 4,422 acre-feet of water from the San Marcos River annually for municipal uses and has a peak treatment capacity rate of 2.5 million gallons per day. Starting in the FY 2005 budget year the GBRA Luling Water Treatment Plant began supplementing the City of Lockhart Texas with excess treated water production from the plant.

Objectives

The following objectives are the division's operating plan in working toward the goals and objectives as outlined in the mission statement.

WATER RESOURCE MANAGEMENT GOAL

To … accomplish all tasks in a cost efficient manner and within budgeted amounts.

WATER QUALITY GOAL

To … meet or exceed Texas Commission on Environmental Quality requirements.

To … maintain a turbidity of 0.09 NTU or lower on 99% of finished water samples each month.

To … maintain a turbidity of 1.9 NTU or lower on 99% of settled water samples taken during each month.

To … maintain a free ammonia residual of 0.20 mg/l or less on 96% of distribution samples taken during year.

To … maintain a fluoride residual between 0.60 and 0.77 PPM on 97% of finished water samples taken during the month.

PUBLIC SERVICES GOAL

To … maintain a safe working environment by adhering to safety manual requirements and other safety standards.

To … achieve zero lost-time accidents.

ECONOMIC DEVELOPMENT GOAL

To … deal with all individuals we come into contact with as a potential customer.

To … contribute to local charities and volunteer efforts.

To … achieve participation in GBRA "Our Day to Shine" program.

TECHNICAL ASSISTANCE AND SUPPORT GOAL

To … provide training to System employees to improve their knowledge and skills in water treatment

To … maintain and upgrade water and wastewater certificates and licenses by:

- Attending TWUA meetings (two per operator per year).
- Attending TEEX, TCEQ, TRWA and TWUA seminars (six total per year).
- Maintaining membership in the Lab Analysts Section of TWUA.
- Three Team Members to possess TWUA lab certification.

COMMUNICATION AND EDUCATION

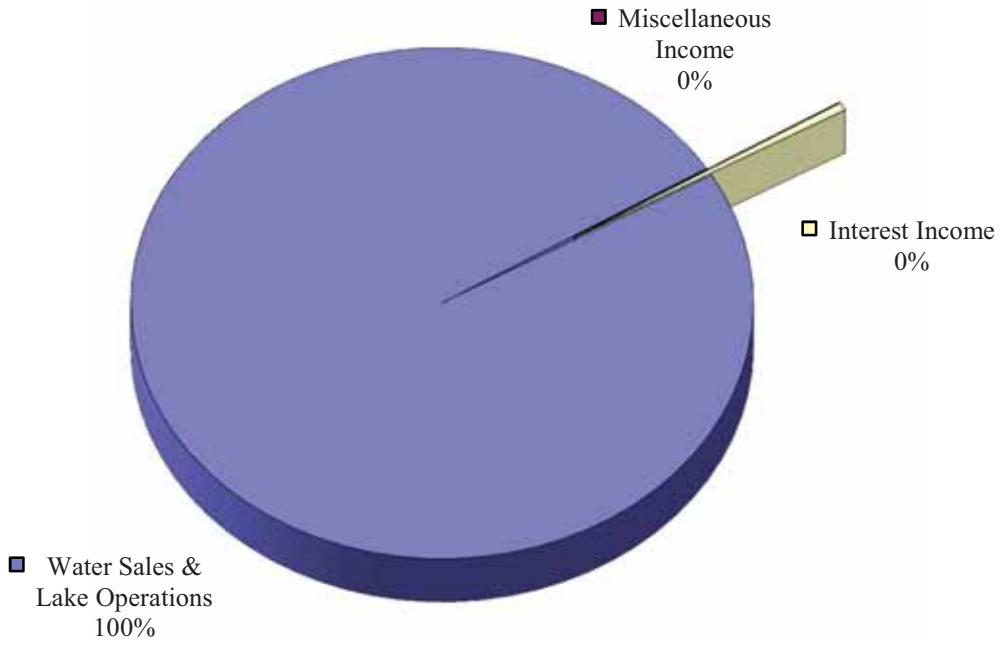
To … maintain a positive public image and professional attitude.

To … educate and support the local community on importance of water treatment, conservation and other water-related topics by:

- providing annual tour of facilities.
- supporting and participating in local river clean-up and other river related activities.
- encourage participation of one Luling employee in the Luling Chamber of Commerce.

Budget Summary

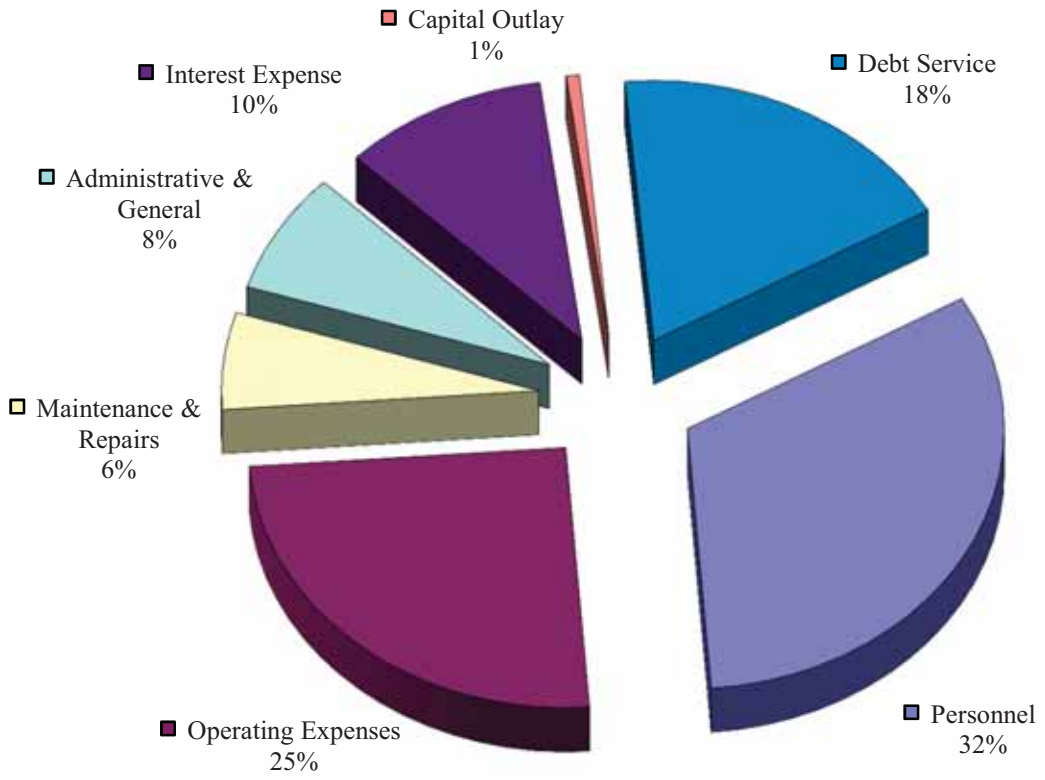
REVENUES - Luling



Revenues	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	1,387,089	1,472,351	1,463,034
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	2,697		
Total Operating Revenues	**1,389,786**	**1,472,351**	**1,463,034**
Interest Income	4,480	4,140	7,260
Grand Total Revenues	**1,394,267**	**1,476,491**	**1,470,294**

Budget Summary

EXPENSES - Luling



Expenses	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Personnel	385,404	433,381	457,074
Operating Expenses	296,572	379,622	356,164
Maintenance & Repairs	45,802	68,366	85,470
Administrative & General	90,011	101,556	107,121
Total Operating Expenses	**817,790**	**982,925**	**1,005,829**
Interest Expense	166,550	157,737	149,081
Capital Outlay	207,519		9,500
Debt Service	260,200	250,835	257,919
Grand Total Expenses	**1,452,058**	**1,391,497**	**1,422,329**

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Luling Water Treatment Plant Division
Operating Plan for Fiscal Year ending 8/31/2017

BACKGROUND

This work plan and budget describes the operations and maintenance of the Luling Water Treatment Plant Division to be performed during the 2017 Fiscal Year based on an estimated treated water delivery of 0.683 MGD to the City of Luling and a treated water delivery of 1.161 MGD to the City of Lockhart for a total delivery of 1.844 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 facilitators to the team will be the Division Manager - Hays/Caldwell Counties and the Operations Manager – Upper Basin located at GBRA's Seguin office. 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. 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. 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 total operating revenue budgeted to be received next year is $1,463,034 compared to budgeted revenue of $1,472,351 for FY2016. This (.63%) decrease in revenue reflects a corresponding decrease in total capital additions and operating expenditures as explained below.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Significant operating expenses for the ensuing fiscal year include $72,409 for power and utilities at the Water Treatment Plant, $40,064 for power and utilities at the Luling High Service Pump Station, $75,086 for power costs to operate the treated water line to Lockhart, $19,500 for chlorine used in the disinfection process, and $64,895 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 2017 Work Plan and Budget does include one capital addition in the form of a commercial grade mower in the amount of $9,500. The mower will replace a mower purchased in 2001. GBRA uses this mower to maintain the grounds in and around the plant as well as the property near the raw water intake station. The ongoing

grounds maintenance program better assures the operability of the plant as well as the safety and security of the plant and plant personnel.

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.

Despite the significant plant operating costs listed above, the total Fiscal Year 2017 capital additions and operating expenditures of the plant are expected to decline slightly. The principal reason for this decline is the fact that Fiscal Year 2016 was the third and final year in which funds were budgeted related to a raw water station electrical duct bank rehabilitation project. The total cost of that project approximated $202,000 with $40,000 of that amount being included in Fiscal Year 2016.

FUND BALANCE

Funds for the above listed capital additions, 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 2017 related to normal operating activities amounts to only $7,260. However, GBRA has included in 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 $40,704 and is paid entirely by the City of Lockhart. As a result, the total fund balance increase for FY 2017 is $47,965.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

100 - LULING WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WATER SALES & LAKE OPERATIONS:			
PLANT O & M EXPENSES	322,323	312,673	(9,650)
ADMIN. & GENERAL EXPENSE	33,736	35,110	1,374
DEBT SERVICE - LU/LO PROJECT	408,572	407,000	(1,572)
DEBT COV. FACTOR-LU/LO PROJECT	40,855	40,704	(151)
LU/LO TREATMENT PLT CHRGS	523,436	511,645	(11,791)
W/S-LU/LO DELIVERY SYSTEM	143,429	155,902	12,473
Total WATER SALES & LAKE OPERATIONS	**1,472,351**	**1,463,034**	**(9,317)**
TOTAL OPERATING REVENUES	**1,472,351**	**1,463,034**	**(9,317)**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	17,314	16,480	(834)
SUPERVISION	18,842	20,141	1,299
LABOR	216,736	221,297	4,561
Total OPERATING SALARIES & WAGES	**252,892**	**257,918**	**5,026**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	1,000	1,000	
EMPLOYEE BENEFITS	124,636	131,466	6,830
Total EMPLOYEE EXPENSES & BENEFITS	**125,636**	**132,466**	**6,830**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	4,400	3,400	(1,000)
EQUIPMENT RENTAL	1,650	2,124	474
DUES AND MEMBERSHIPS	300	300	
PUBLICATIONS AND BOOKS	150	150	
SMALL TOOLS EXPENSE	300	300	
TRACTORS AND EQUIPMENT	314	214	(100)
UNIFORMS AND LAUNDRY	3,520	4,420	900
TRAINING EXPENSES	2,500	2,500	
SAFETY & EMERG. EXPENSES	1,028	1,028	
SECURITY EXPENSE	300	300	
POWER AND UTILITIES	75,475	72,409	(3,066)
POWER/UTIL-LULING HIGH SERVICE	41,852	40,064	(1,788)
POWER/UTIL-LU/LO PROJECT	73,037	75,086	2,049
CHLORINE	17,797	19,500	1,703
AMMONIA	12,825	17,744	4,919

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

100 - LULING WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
ALUM/FERRIC	65,166	64,895	(271)
FLUOSILICIC ACID	11,590		(11,590)
LAB SUPPLIES & EXPENSES	9,160	17,172	8,012
PROFESSIONAL FEES	28,700	5,000	(23,700)
OPER EXP-LU/LO PROJECT	2,250	2,250	
INSPECTION FEES	428	428	
WATERMASTER PAYMENT	1,500	1,500	
COMMUNICATIONS	1,500	1,500	
OFFICE SUPPLIES & EXPENSES	1,400	1,400	
COMPUTER SUPPLIES & SERVICE	1,680	1,680	
INSURANCE EXPENSE	18,400	18,400	
MISCELLANEOUS EXPENSES	2,400	2,400	
Total OPERATING SUPPLIES & SERVICES	**379,622**	**356,164**	**(23,458)**
MAINTENANCE & REPAIR			
LABOR	54,853	66,690	11,837
MATERIAL	28,980	29,280	300
SERVICES	39,386	56,190	16,804
Total MAINTENANCE & REPAIR	**123,219**	**152,160**	**28,941**
TOTAL OPERATING & MAINTENANCE	**881,369**	**898,708**	**17,339**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	101,556	107,121	5,565
Total ADMINISTRATIVE & GENERAL	**101,556**	**107,121**	**5,565**
TOTAL OPERATING EXPENSES	**982,925**	**1,005,829**	**22,904**
NET OPERATING INCOME	**489,426**	**457,205**	**(32,221)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

100 - LULING WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	1,472,351	1,463,034	(9,317)
OPERATING EXPENSES	(982,925)	(1,005,829)	(22,904)
NET OPERATING INCOME	**489,426**	**457,205**	**(32,221)**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON OPERATING FUNDS	1,200	1,200	
INT ON LU/LO OPR FUND	2,280	5,400	3,120
INT ON LU/LO I&S FUND	660	660	
Total INTEREST INCOME	**4,140**	**7,260**	**3,120**
INTEREST & BANK FEES:			
INT EXP - LU/LO PROJECT	(157,737)	(149,081)	8,656
Total INTEREST & BANK FEES	**(157,737)**	**(149,081)**	**8,656**
TOTAL NON-OPERATING REVENUES (EXPENSES)	**(153,597)**	**(141,821)**	**11,776**
CHANGE IN NET ASSETS	**335,829**	**315,384**	**(20,445)**
CHANGE IN RESTRICTED FUNDS:			
SOURCE-CHANGE IN RESTR FUNDS	(40,000)		40,000
Total CHANGE IN RESTRICTED FUNDS	**(40,000)**		**40,000**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE	**295,829**	**315,384**	**19,555**
PURCHASES OF FIXED ASSETS			
MISCELLANEOUS EQUIPMENT		9,500	9,500
Total PURCHASES OF FIXED ASSETS		**9,500**	**9,500**
WORK IN PROGRESS			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

100 - LULING WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
DEBT SERVICE			
BONDS PAID-LU/LO DEL SYSTEM	250,835	257,919	7,084
Total DEBT SERVICE	**250,835**	**257,919**	**7,084**
TOTAL FUNDS APPLIED	**250,835**	**267,419**	**16,584**
NET CHANGE IN FUND BALANCE	**44,994**	**47,965**	**2,971**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

100 - LULING WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	9,087	9,182	95
STA- CLERICAL	8,227	7,298	(930)
Total STAFF TECHNICAL ASSISTANCE	**17,314**	**16,480**	**(834)**
SUPERVISION:			
SUPERVISION	18,128	19,406	1,278
SUP- LU/LO PROJECT	714	735	21
Total SUPERVISION	**18,842**	**20,141**	**1,299**
OPERATING LABOR:			
CLERICAL	425	657	232
REG- OPERATING LABOR	152,933	154,749	1,816
REG- MISC LABOR	128	282	154
REG- LU/LO PROJECT LABOR	22,459	23,456	997
OVT- OPERATING LABOR	31,736	32,797	1,061
OVT- LU/LO PROJECT LBR	3,801	3,926	124
REG- WORKING HOLIDAY LABOR	5,253	5,431	178
Total OPERATING LABOR	**216,736**	**221,297**	**4,561**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- LU/LO PROJECT	4,466	9,202	4,735
REG/LBR- OTHER	47,103	54,094	6,991
Total M&R-LABOR	**51,570**	**63,296**	**11,726**
M&R-OVERTIME:			
OVT/LBR- OTHER	3,283	3,394	111
Total M&R-OVERTIME	**3,283**	**3,394**	**111**
Total MAINTENANCE & REPAIR	**54,853**	**66,690**	**11,837**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

100 - LULING WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
TOTAL SALARIES & WAGES	**307,744**	**324,608**	**16,863**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

100 - LULING WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- LU/LO PROJECT	4,466	9,202	4,735
REG/LBR- OTHER	47,103	54,094	6,991
OVT/LBR- OTHER	3,283	3,394	111
Total LABOR	**54,853**	**66,690**	**11,837**
MATERIAL:			
M&R/MAT- GROUNDS	216	216	
M&R/MAT- BUILDINGS	360	360	
M&R/MAT- PAINT EQUIPMENT	800	800	
M&R/MAT- CHEM. FEED EQUIP	3,000	3,000	
M&R/MAT- METERS	1,200	1,200	
M&R/MAT- MOTORS	1,200	1,200	
M&R/MAT- CLAR,FLOC,RAP MX	2,400	2,400	
M&R/MAT- CONTROL & ELECT.	4,000	4,000	
M&R/MAT- TOOLS & EQUIP	300	300	
M&R/MAT- FILTERS	600	600	
M&R/MAT- PIPING & VALVES	2,400	2,400	
M&R/MAT- TRUCK	240	240	
M&R/MAT- EQUIPMENT LUBE	720	720	
M&R/MAT- PUMPS	2,400	2,400	
M&R/MAT- BIOSOLIDS BEDS		800	800
M&R/MAT- MOWER & EQUIP.	800	800	
M&R/MAT- ROADS	120	120	
M&R/MAT- SAFETY	720	220	(500)
M&R/MAT- CLRWELL&BKWSH TN	252	252	
M&R/MAT- SCADA/COMPUTERS	1,600	1,600	
M&R/MAT- LULING HS PUMP STATIO	2,412	2,412	
M&R/MAT- GENERATOR	600	600	
M&R/MAT- LU/LO PROJECT	2,640	2,640	
Total MATERIAL	**28,980**	**29,280**	**300**
SERVICES:			
M&R/SER- CHEM. FEED EQUIP	6,000	7,000	1,000
M&R/SER- METERS	996	1,400	404
M&R/SER- MOTORS	2,400	2,400	
M&R/SER- CLAR,FLOC,RAP MX	2,400	2,400	
M&R/SER- CONTROL & ELECT.	2,400	2,400	
M&R/SER- TRUCKS	1,200	1,200	
M&R/SER- PUMPS	2,500	7,500	5,000
M&R/SER- BIOSOLIDS BEDS		11,000	11,000
M&R/SER- MOWER & EQUIP.	800	200	(600)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

100 - LULING WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/SER- ROADS	2,000	2,000	
M&R/SER- SCADA/COMPUTERS	2,000	2,000	
M&R/SER- LULING HS PUMP STATIO	4,380	4,380	
M&R/SER- GENERATOR	2,720	2,720	
M&R/SER- LU/LO DELIVERY SYSTEM	9,590	9,590	
Total SERVICES	**39,386**	**56,190**	**16,804**
TOTAL MAINTENANCE & REPAIR	**123,219**	**152,160**	**28,941**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

LULING WTP

	FY 2017 BUDGET
MISCELLANEOUS EQUIPMENT	
MOWER	9,500
Total MISCELLANEOUS EQUIPMENT	**9,500**
TOTAL CAPITAL ADDITIONS	**9,500**

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.

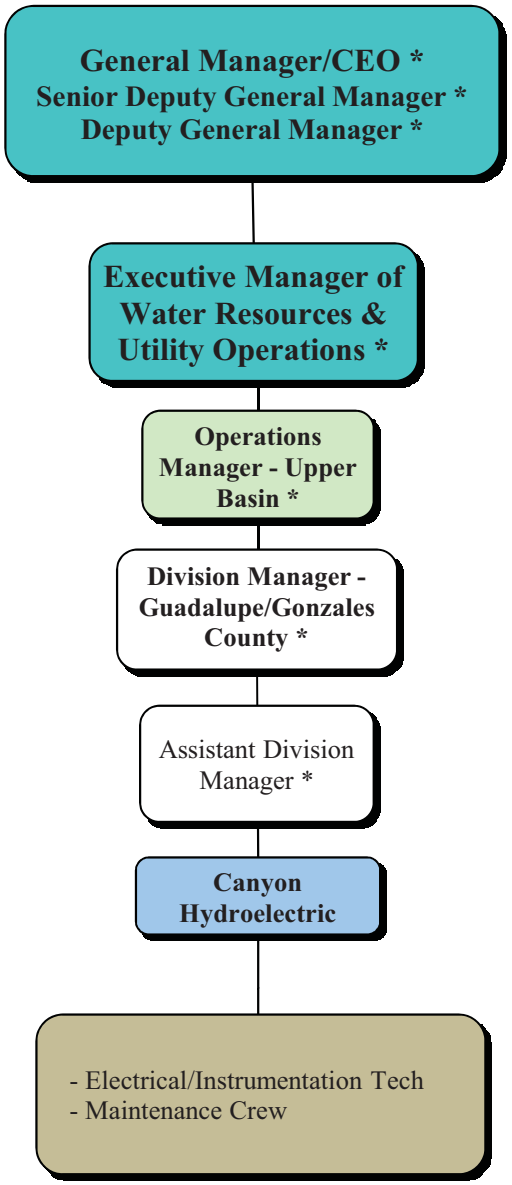
This division operates a six-megawatt hydroelectric plant located in Sattler, Texas, adjacent to the Canyon Dam discharge channel. The plant uses natural flows of the Guadalupe River as passed through Canyon Dam to provide electricity, through New Braunfels Utilities (NBU), to residents of the City of 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. Using state of the art technology, the plant can be remotely operated from Seguin with microwave communication equipment.

- Service Provided: Hydroelctric 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: $410,763

Canyon Hydroelectric Division Organizational Chart



* GBRA employee from another Division

Staffing Summary

Canyon Hydroelectric	# of Authorized Positions (FTE)		
	2015	2016	2017
Electrical/Instrumentation Technician	1	1	1
Maintenance Crew	1	1	1
Total	**2**	**2**	**2**

Changes from FY 2015 to 2016
No staffing changes for this division.

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

Budget Summary

Division: **Canyon Hydroelectric**

Description

The Canyon Hydroelectric Division operates a six-megawatt power plant that generates electricity for New Braunfels Utilities (NBU). Division personnel are responsible for the operation and maintenance of the generating station as well as the penstock, substation and ancillary equipment.

Objectives

The following objectives are the division's operating plan in working toward the goals and objectives as outlined in the mission statement.

WATER RESOURCE MANAGEMENT GOAL

To … assure a high level of reliability of the generating plant by inspecting and performing necessary maintenance on generators associated equipment each year.

WATER QUALITY GOAL

To … reduce the possibility and impact of oil leaks by continually monitoring oil seals and oil containment in the power plant and substation.

PUBLIC SERVICES GOAL

To … provide Canyon Hydroelectric Division employees with annual training and testing in safety, first aid and CPR to achieve a level of confidence and competence that will encourage assistance to the public in need.

ECONOMIC DEVELOPMENT GOAL

To … offer Canyon Hydroelectric Division expertise and equipment to assist with at least two clean-up projects on the hydro lakes to enhance economic development and customer relations in the district.

TECHNICAL ASSISTANCE AND SUPPORT GOAL

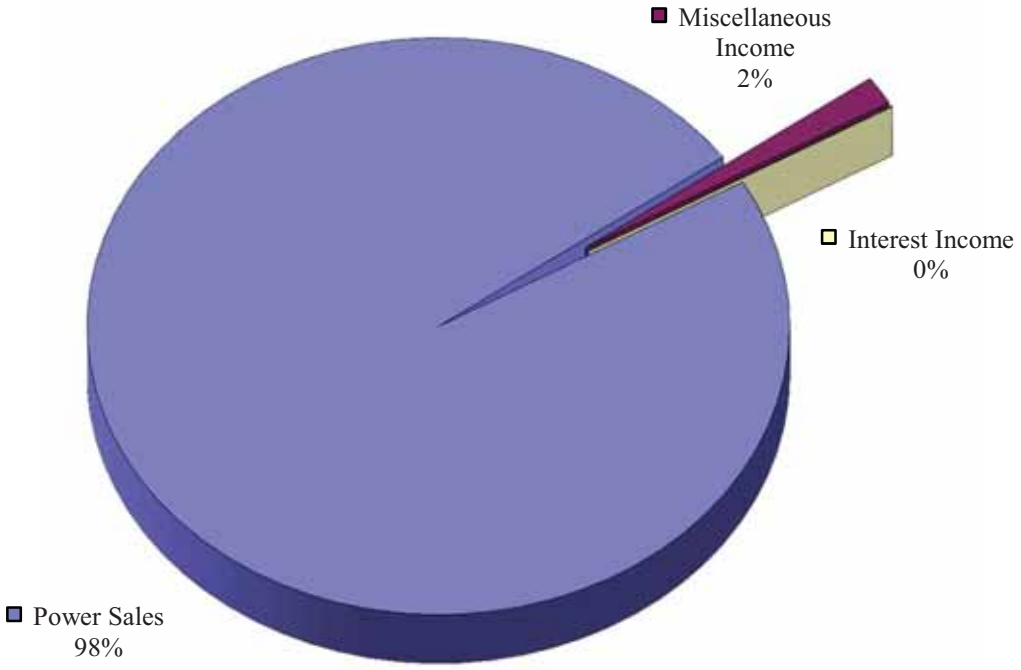
To … assess the training program of the Canyon Hydroelectric Division and identify areas needing improvement. To develop a training program that meets the Division's present and future professional and technical needs and that continually reviews those needs. Continue the GBRA Performance Assessment and Development Program in the Canyon Hydroelectric Division.

COMMUNICATION AND EDUCATION

To … have Canyon Hydroelectric Division maintenance employees conduct at least four public tours of hydro facilities, to develop a positive public recognition of GBRA employees and facilities.

Budget Summary

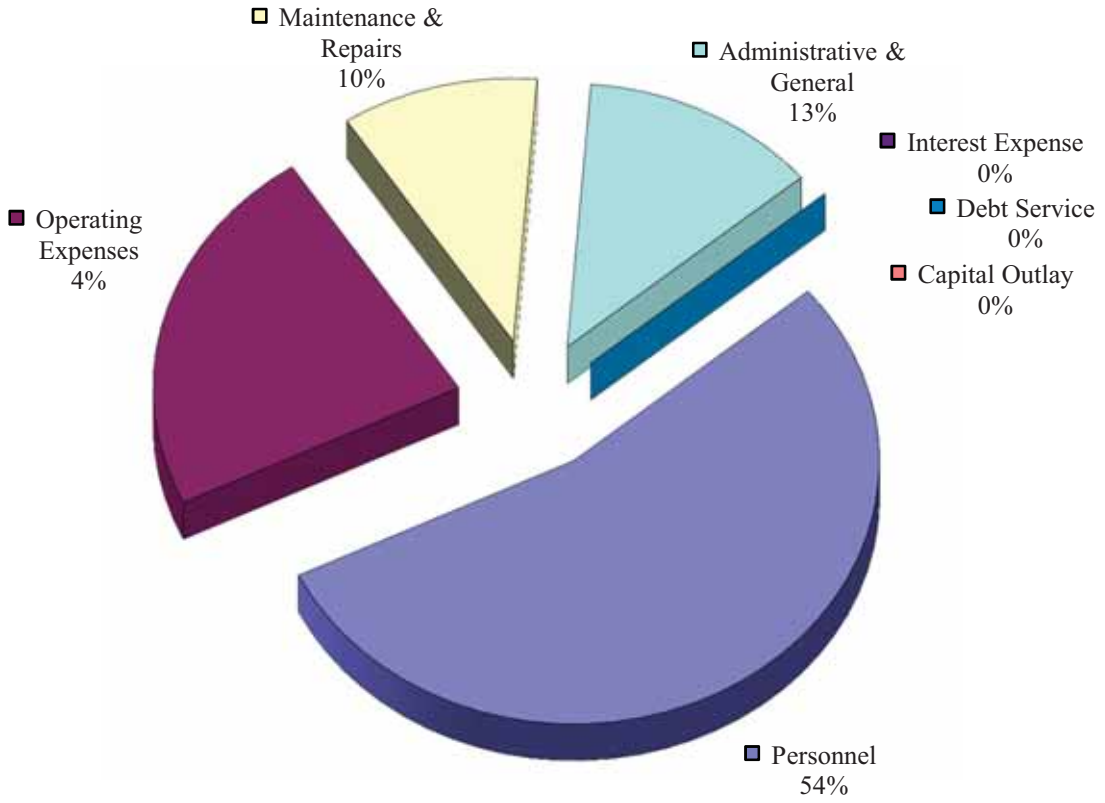
REVENUES - Canyon Hydroelectric



Revenues	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Pollution & Industrial Financing			
Power Sales	244,140	349,451	404,263
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income		1,400	6,500
Total Operating Revenues	**244,140**	**350,851**	**410,763**
Interest Income	384	240	240
Grand Total Revenues	**244,524**	**351,091**	**411,003**

Budget Summary

EXPENSES - Canyon Hydroelectric



Expenses	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Personnel	128,306	173,796	192,027
Operating Expenses	57,984	80,514	81,814
Maintenance & Repairs	28,578	56,030	37,130
Administrative & General	29,657	40,750	45,032
Total Operating Expenses	**244,524**	**351,091**	**356,003**
Interest Expense			
Capital Outlay			
Debt Service	151,000		
Grand Total Expenses	**395,524**	**351,091**	**356,003**

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Canyon Hydroelectric Division
Operating Plan for Fiscal Year Ending 8/31/17

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 2017 is $410,763 which is $59,913 more than budgeted revenue for FY 2016. This increase in revenue is due to a similar increase in budgeted operating, maintenance, and capital costs for the division in FY 2017 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 2017, 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.

One significant cost increase for FY 2017 is a work authorization in the amount of $55,000 related to work in and around the Penstock. The Penstock is the conduit which diverts water from the dam's normal outlet structure over to the hydroelectric plant. Specifically in FY 2017, 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 2017 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.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

120 - CANYON HYDROELECTRIC

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
POWER SALES:			
POWER SALES	349,691	404,503	54,813
CREDIT-OPER. INTEREST EARNINGS	(240)	(240)	
Total POWER SALES	**349,451**	**404,263**	**54,813**
MISCELLANEOUS INCOME:			
RENEWABLE ENERGY CREDIT SALES	1,400	6,500	5,100
Total MISCELLANEOUS INCOME	**1,400**	**6,500**	**5,100**
TOTAL OPERATING REVENUES	**350,851**	**410,763**	**59,913**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	14,499	14,877	377
SUPERVISION	6,163	7,248	1,085
LABOR	47,297	54,308	7,011
Total OPERATING SALARIES & WAGES	**67,959**	**76,433**	**8,474**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	300	300	
EMPLOYEE BENEFITS	50,012	55,267	5,255
Total EMPLOYEE EXPENSES & BENEFITS	**50,312**	**55,567**	**5,255**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	5,000	7,000	2,000
BUILDING RENTAL	3,024	2,184	(840)
DUES AND MEMBERSHIPS	200	200	
PUBLICATIONS AND BOOKS	30	20	(10)
SMALL TOOLS EXPENSE	100	100	
UNIFORMS AND LAUNDRY	1,000	1,400	400
TRAINING EXPENSES	500	600	100
SAFETY & EMERG. EXPENSES	300	300	
SAFETY BOOTS & GLASSES	200	200	
SECURITY EXPENSE	100	100	
POWER AND UTILITIES	3,100	3,000	(100)
AUXILLIARY POWER EXPENSE	500	200	(300)
LAB SUPPLIES & EXPENSES	50	50	
PROFESSIONAL FEES	500	500	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

120 - CANYON HYDROELECTRIC

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
INSPECTION FEES	3,000	3,000	
SB. 818 ASSESSMENT	9,200	9,200	
WATERMASTER PAYMENT	6,600	6,600	
FALLING WATER CHARGES	27,000	27,000	
COMMUNICATIONS	1,000	1,000	
OFFICE SUPPLIES & EXPENSES	30	30	
KITCHEN & JANITOR SUPPLY	30	30	
BANK SERVICE FEES	50	100	50
INSURANCE EXPENSE	18,900	18,900	
MISCELLANEOUS EXPENSES	100	100	
Total OPERATING SUPPLIES & SERVICES	**80,514**	**81,814**	**1,300**
MAINTENANCE & REPAIR			
LABOR	55,526	60,028	4,502
MATERIAL	14,230	9,030	(5,200)
SERVICES	41,800	28,100	(13,700)
Total MAINTENANCE & REPAIR	**111,556**	**97,158**	**(14,398)**
TOTAL OPERATING & MAINTENANCE	**310,340**	**310,971**	**631**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	40,750	45,032	4,282
Total ADMINISTRATIVE & GENERAL	**40,750**	**45,032**	**4,282**
TOTAL OPERATING EXPENSES	**351,091**	**356,003**	**4,913**
NET OPERATING INCOME	**(240)**	**54,760**	**55,000**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

120 - CANYON HYDROELECTRIC

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	350,851	410,763	59,913
OPERATING EXPENSES	(351,091)	(356,003)	(4,913)
NET OPERATING INCOME	**(240)**	**54,760**	**55,000**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON OPERATING FUNDS	240	240	
Total INTEREST INCOME	**240**	**240**	
TOTAL NON-OPERATING REVENUES (EXPENSES)	**240**	**240**	
CHANGE IN NET ASSETS		**55,000**	**55,000**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE		**55,000**	**55,000**
PURCHASES OF FIXED ASSETS			
WORK IN PROGRESS			
WIP-OPERATING		55,000	55,000
Total WORK IN PROGRESS		**55,000**	**55,000**
DEBT SERVICE			
TOTAL FUNDS APPLIED		**55,000**	**55,000**
NET CHANGE IN FUND BALANCE			

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

120 - CANYON HYDROELECTRIC

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	8,678	9,738	1,060
STA- CLERICAL	5,822	5,139	(683)
Total STAFF TECHNICAL ASSISTANCE	**14,499**	**14,877**	**377**
SUPERVISION:			
SUPERVISION	6,163	7,248	1,085
Total SUPERVISION	**6,163**	**7,248**	**1,085**
OPERATING LABOR:			
CLERICAL	266	274	8
REG- OPERATING LABOR	26,161	31,220	5,059
REG- ATTENDANT'S DUTIES	10,167	11,057	891
REG- PURCHASING AGENT	353	364	11
OVT- OPERATING LABOR	4,705	5,577	872
OVT- ATTENDANTS DUTIE	75	77	2
REG- WORKING HOLIDAY LABOR	5,571	5,740	169
Total OPERATING LABOR	**47,297**	**54,308**	**7,011**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	52,866	57,032	4,166
Total M&R-LABOR	**52,866**	**57,032**	**4,166**
M&R-OVERTIME:			
OVT/LBR- OTHER	2,660	2,996	336
Total M&R-OVERTIME	**2,660**	**2,996**	**336**
Total MAINTENANCE & REPAIR	**55,526**	**60,028**	**4,502**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**123,485**	**136,461**	**12,976**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

120 - CANYON HYDROELECTRIC

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	52,866	57,032	4,166
OVT/LBR- OTHER	2,660	2,996	336
Total LABOR	**55,526**	**60,028**	**4,502**
MATERIAL:			
M&R/MAT- CLEAN PWR HOUSES	30	30	
M&R/MAT- PAINT PWR HOUSES	50	50	
M&R/MAT- PWR HOUSES&EQUIP	2,000	4,000	2,000
M&R/MAT- SAFETY	100	100	
M&R/MAT- POISON PROPERTIE	50	50	
M&R/MAT- ROADS & BRIDGES	200	100	(100)
M&R/MAT- FENCES	200	100	(100)
M&R/MAT- PENSTK CONDUIT I	5,000	500	(4,500)
M&R/MAT- TURBINE INSPECTI	300	200	(100)
M&R/MAT- GENERATORS	300	200	(100)
M&R/MAT- TURBINE/GOVERNOR	300	200	(100)
M&R/MAT- DISSOLVED OXYGEN	700	700	
M&R/MAT- SWITCHGEAR	400	200	(200)
M&R/MAT- WEIR	200	200	
M&R/MAT- CONTROL SYSTEM	2,000	1,000	(1,000)
M&R/MAT- COMMUNICATION SY	2,000	1,200	(800)
M&R/MAT- SUBSTATIONS	400	200	(200)
Total MATERIAL	**14,230**	**9,030**	**(5,200)**
SERVICES:			
M&R/SER- PWR HOUSES&EQUIP	3,000	3,000	
M&R/SER- GEN. OFFICE BLDG	900	900	
M&R/SER- PENSTK CONDUIT I	15,000	3,000	(12,000)
M&R/SER- TURBINE INSPECTI	300	200	(100)
M&R/SER- GENERATORS	400	2,000	1,600
M&R/SER- TURBINE/GOVERNOR	200	200	
M&R/SER- DISSOLVED OXYGEN	200	1,000	800
M&R/SER- SWITCHGEAR	8,000	6,000	(2,000)
M&R/SER- CONTROL SYSTEM	800	800	
M&R/SER- COMMUNICATION SY	3,000	3,000	
M&R/SER- SUBSTATIONS	10,000	8,000	(2,000)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

120 - CANYON HYDROELECTRIC

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total SERVICES	**41,800**	**28,100**	**(13,700)**
TOTAL MAINTENANCE & REPAIR	**111,556**	**97,158**	**(14,398)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

120 - CANYON HYDROELECTRIC

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - OPERATING			
PENSTOCK MANHOLE-SERVICES		51,000	51,000
PENSTOCK MANHOLE-PROF. FEES		2,000	2,000
PENSTOCK MANHOLE-MISC.		2,000	2,000
Total		**55,000**	**55,000**
TOTAL WIP - OPERATING		**55,000**	**55,000**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET FEEDBACK
FISCAL YEAR ENDING AUGUST 31, 2017

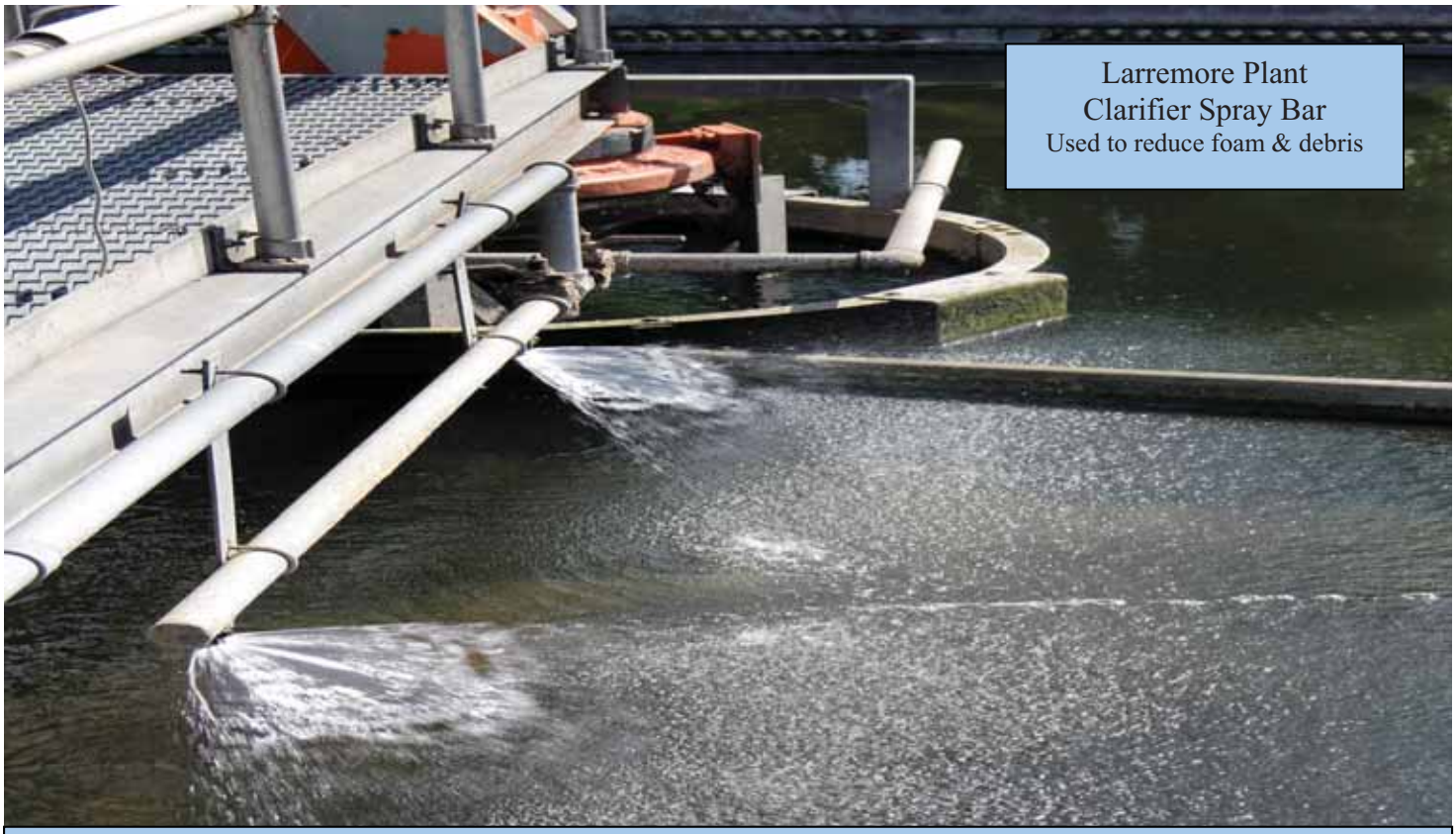
120 - CANYON HYDROELECTRIC

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total SERVICES	**41,800**	**28,100**	**(13,700)**
TOTAL MAINTENANCE & REPAIR	**111,556**	**97,158**	**(14,398)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET FEEDBACK
FISCAL YEAR ENDING AUGUST 31, 2017

120 - CANYON HYDROELECTRIC

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - OPERATING			
PENSTOCK MANHOLE-SERVICES		51,000	51,000
PENSTOCK MANHOLE-PROF. FEES		2,000	2,000
PENSTOCK MANHOLE-MISC.		2,000	2,000
Total		**55,000**	**55,000**
TOTAL WIP - OPERATING		**55,000**	**55,000**



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 plants supply a combined treatment capacity of 2.6 mgd to provide environmentally-responsible wastewater treatment service within the city limits and meet future growth needs.

The F.M. 20 Plant is an approved site for acceptance and treatment of septic tank waste. It utilizes an innovative "carousel activated sludge process" to treat wastewater, simplifying plant operation and maintenance. Ultraviolet (UV) light disinfection is also used in place of chlorine.

An on-site laboratory conducts daily sample testing to ensure treated effluent meets all state and federal guidelines. Furthermore, "biomonitoring" tests are performed on two aquatic species - a microscopic crustacean and the fathead minnow - 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.

In addition, division staff promotes public education through tours and presentations to schools and community groups.

- Service Provided: Wastewater Treatment
- Location: Lockhart, TX
- Startup Operation Date: 1994
- Customer: City of Lockhart
- Service Population 11,615
- Capacity: 2.6 mgd
- # of gallons treated: 474,570,000
- # of Current Employees: 4
- Budgeted Revenue: $1,414,906

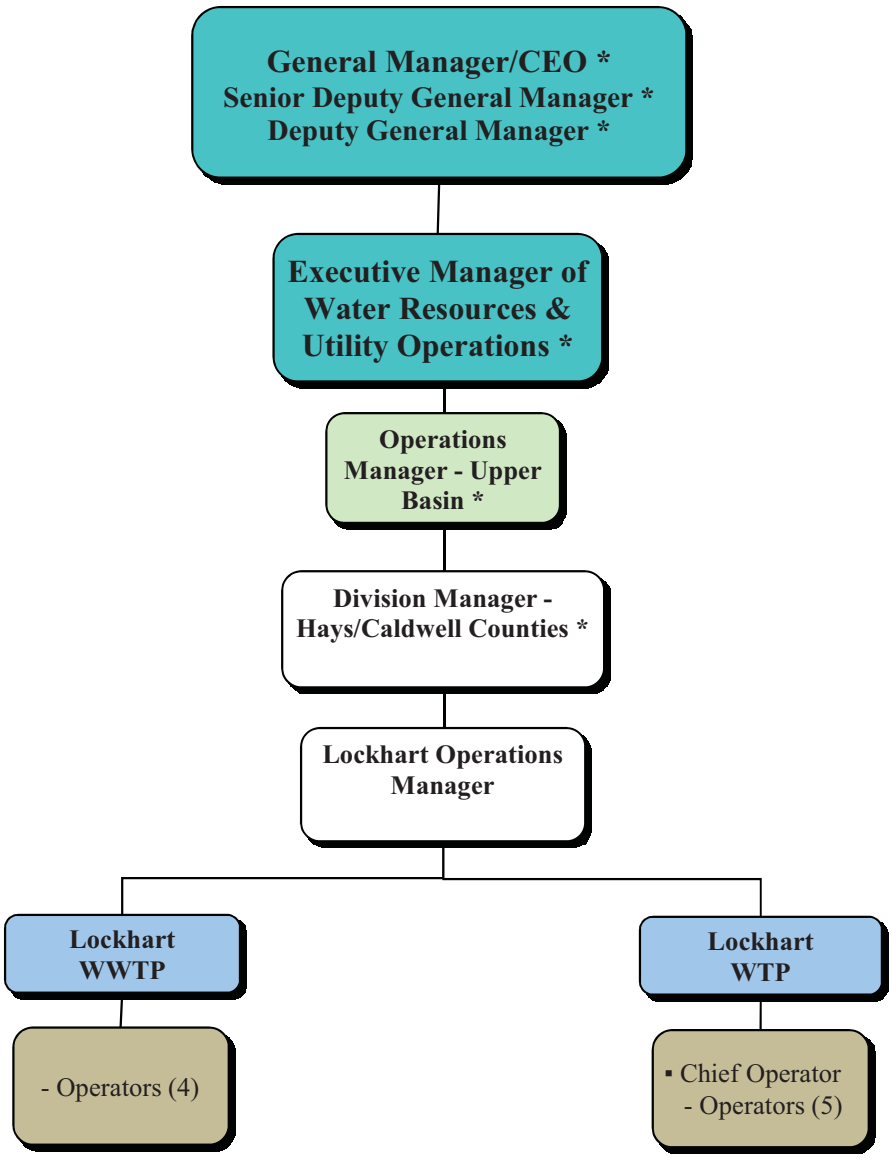
Lockhart WTP

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 specially designed to treat the high concentrations of iron that are characteristic of Carrizo water. This is accomplished using oxidation followed by filtrations to remove dissolved iron and manganese.

- Service Provided: Water Treatment
- Location: Lockhart, TX
- Startup Operation Date: 2001
- Customer: City of Lockhart
- Capacity: 4 mgd
- # of gallons treated: 155,568,000
- # of Current Employees: 3
- Budgeted Revenue: $661,860

Lockhart Division Organizational Chart



* GBRA employee from another Division

Staffing Summary

Lockhart	# of Authorized Positions (FTE)		
	2015	2016	2017
Lochart WWTP			
Lockhart Operations Manager	1	1	1
Operators	4	4	4
Total WWTP	5	5	5
Lockhart WTP			
Chief Operator	1	1	1
Operators	5	5	5
Total WTP	6	6	6
Total	**11**	**11**	**11**

Changes from FY 2015 to FY 2016
No staffing changes for this division.

Unfunded Positions in FY16: WWTP-Operator I; WTP-Chief Operator , Operator II and Operator I

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

Unfunded Positions in FY17: WWTP-Operator II; WTP-Chief Operator, Operator II and Operator I

Budget Summary

Division: **Lockhart**

Description

The Lockhart Wastewater Reclamation Division began operations on October 1, 1994, after signing a contract with the City of Lockhart to assume operation of the City's 1.1 million gallon per day (MGD) wastewater treatment plant. In partnership with the City, GBRA helped to design, finance, construct and operate a new wastewater treatment plant. The system is able to treat a total of 2.6 MGD.

The Lockhart Water Plant Division began operations on October 1, 2000, after signing a contract with the City of Lockhart to assume operation of the City's 4.0 MGD water treatment plant. In partnership with the City, GBRA will strive to produce high quality potable water for the citizens of Lockhart.

Objectives

The following objectives are the division's operating plan for in working toward the goals and objectives as outlined in the mission statement.

WATER RESOURCE MANAGEMENT GOAL

Lockhart WWTP

To ... accomplish all tasks in a cost efficient manner and within budgeted amounts.

To… provide input as requested in efforts to improve water quality in the Plum Creek watershed.

Lockhart WTP

To ... accomplish all tasks in a cost efficient manner and within budgeted amounts.

To … work with the GBRA Luling Water Treatment Plant to coordinate the efficient transfer of water.

To…provide input to the Plum Creek Conservation District related to ground water use.

WATER QUALITY GOAL

Lockhart WWTP
To ... meet or exceed TCEQ/EPA Permit Requirements.

To ... apply for and become recognized by organizations offering awards for outstanding achievements.

Lockhart WTP
To ... meet or exceed TCEQ water quality standards.

To …apply for and become recognized by organizations offering awards for outstanding achievements.

PUBLIC SERVICES GOAL

Lockhart WWTP
To ... attend City Council meetings as requested for the presentation of the Annual Budget and issues relevant to operations of the Facilities.

Lockhart WTP
To ... complete and deliver Consumer Confidence Reports to our Customers in a timely manner.

To … attend City Council meetings as requested for the presentation of the Annual Budget and issues relevant to operations of the Facilities.

ECONOMIC DEVELOPMENT GOAL

Lockhart WWTP
To … provide efficient wastewater treatment service to the City of Lockhart.

To ... provide competitive service in the septic haulers business.

To … assist the City of Lockhart in developing effluent reuse options at both plants.

Lockhart WTP
To … provide efficient water treatment service to the City of Lockhart.

To … provide to the Lockhart Chamber of Commerce accurate data on water production and water usage.

TECHNICAL ASSISTANCE AND SUPPORT GOAL

Lockhart WWTP
To ... provide training to Facility operators to improve their knowledge and skills in wastewater treatment.

Lockhart WTP
To ... provide training to Facility operators to improve their knowledge and skills in water treatment.

COMMUNICATION AND EDUCATION

Lockhart WWTP
To ... maintain a positive public image and professional attitude.

To … provide the City of Lockhart with timely monthly reports.

To ... participate in the Community Events and Volunteer Efforts.

Lockhart WTP
To ... maintain a positive public image and professional attitude.

To … provide the City of Lockhart with timely monthly reports.

To ... participate in the Community Events and Volunteer Efforts.

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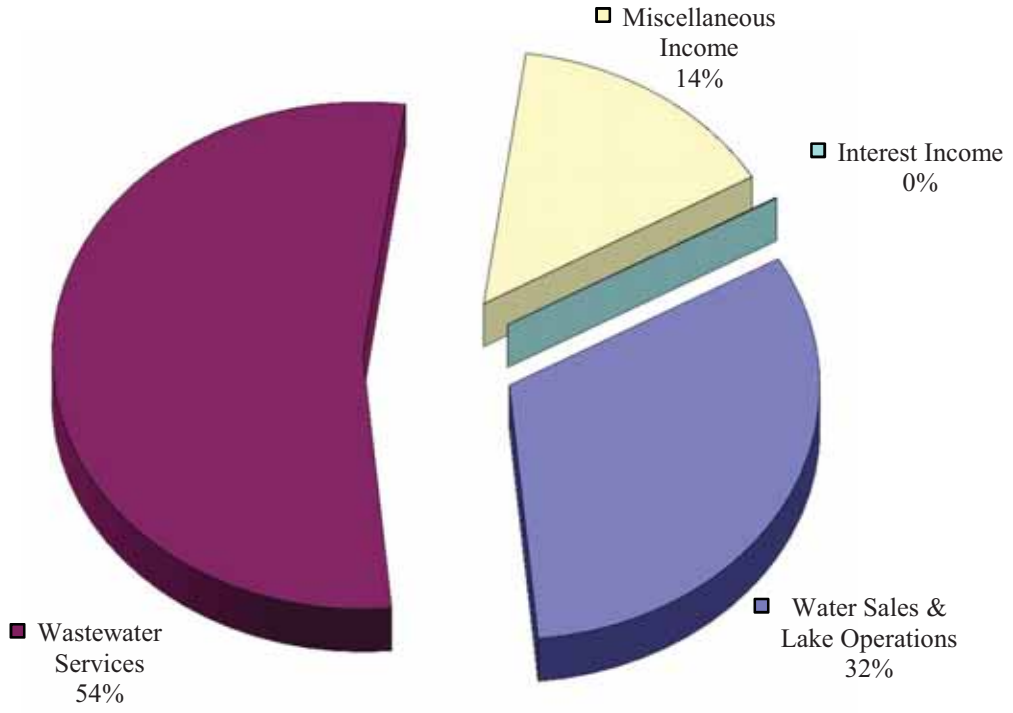
Budget Summary

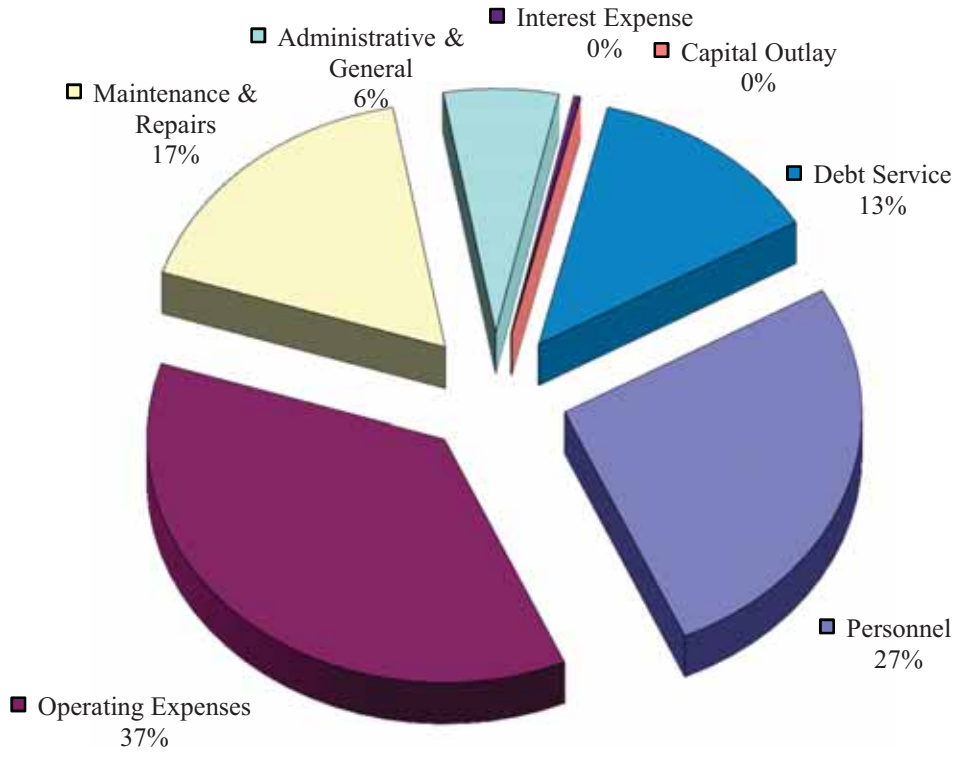
REVENUES - Lockhart



Revenues	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	676,128	693,597	661,860
Recreation & Land Use			
Wastewater Services	1,221,804	1,458,428	1,114,746
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	567,919	300,160	300,160
Total Operating Revenues	**2,465,852**	**2,452,185**	**2,076,766**
Interest Income	1,749	1,500	870
Grand Total Revenues	**2,467,601**	**2,453,685**	**2,077,636**

Budget Summary

EXPENSES - Lockhart



Expenses	FY 2015 Actual	FY 2016 Budget	FY 2017 Budget
Personnel	495,799	547,986	551,209
Operating Expenses	715,227	744,147	754,551
Maintenance & Repairs	423,843	308,516	354,704
Administrative & General	114,489	128,074	128,782
Total Operating Expenses	**1,749,358**	**1,728,723**	**1,789,246**
Interest Expense	34,200	21,121	6,665
Capital Outlay	80,441	13,000	
Debt Service	590,000	629,581	266,665
Grand Total Expenses	**2,454,000**	**2,392,425**	**2,062,576**

Lockhart Division
Lockhart Wastewater Reclamation System
Operating Plan for Fiscal Year Ending 8/31/17

BACKGROUND

The following Work Plan and Budget is based on the two Lockhart Wastewater Treatment Plants treating an estimated sewage flow of 474.6 million gallons annually or 1.3 million gallons per day (MGD). For Fiscal Year 2017, the flow will be split with approximately 0.571 MGD treated by the Larremore Plant and 0.729 MGD treated by the FM 20 Plant.

Personnel within the Lockhart Wastewater Reclamation System are organized into a team consisting of the Lockhart Operations Manager 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 and the Operations Manager - Upper Basin 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 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 2017 budget is based on total estimated annual wastewater to be treated of 474,570,000 gallons or 1.3 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 2017 total revenue for the Lockhart Wastewater System is $1,414,906 which is $343,682 or 19.5% less than last year's budget. The reason for this decrease is a reduction in the amount of revenue needed to make debt service payments. This is a result of the fact that the final payment on the bond issue which financed the construction of the FM 20 Plant will be made on February 1, 2017.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

The combined capital additions, debt service and operating expenditure budget for FY 2017 amounts to $1,414,906 which is $343,682 or 19.5% less than FY 2016. The major capital improvement for the ensuing fiscal year budget is the installation of a chlorine room/cylinder pad in the amount of $15,000.

Other significant costs budgeted for FY 2017 include bio-solids disposal in the amount of $150,000, power and utilities of $231,335, and lab supplies and expenses of $60,240.

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.

Debt service costs in the form of interest expense and principal repayment on bonds issued in 1996 to construct the FM20 Plant will decrease from $650,702 to $273,330 during FY 2017. The reason for this substantive reduction in debt service and the corresponding substantive reduction in total budgeted costs is the fact that the final principal payment will be made on the plant's bonds on February 1, 2017.

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 2017 is $0.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

130 - LOCKHART WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WASTEWATER SERVICES:			
PLANT O&M EXPENSES	1,014,903	1,047,185	32,282
ADMINISTRATIVE & GENERAL	81,423	80,201	(1,222)
CREDIT INTEREST EARNINGS	(360)	(360)	
CREDIT MISC. REVENUES	(300,160)	(300,160)	
CREDIT INT ON I & S FUNDS	(1,080)	(450)	630
DEBT SERVICE REQUIREMENTS	650,702	273,330	(377,372)
ADDS. TO PLANT AND EQUIP.	13,000	15,000	2,000
Total WASTEWATER SERVICES	**1,458,428**	**1,114,746**	**(343,683)**
MISCELLANEOUS INCOME:			
MISCELLANEOUS REVENUES	300,160	300,160	
Total MISCELLANEOUS INCOME	**300,160**	**300,160**	
TOTAL OPERATING REVENUES	**1,758,588**	**1,414,906**	**(343,683)**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	24,864	20,697	(4,167)
SUPERVISION	51,872	53,480	1,608
LABOR	119,287	116,476	(2,812)
Total OPERATING SALARIES & WAGES	**196,023**	**190,652**	**(5,370)**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	1,500	1,704	204
EMPLOYEE BENEFITS	99,929	98,430	(1,499)
Total EMPLOYEE EXPENSES & BENEFITS	**101,429**	**100,134**	**(1,295)**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	7,704	6,696	(1,008)
DUES AND MEMBERSHIPS	720	720	
PUBLICATIONS AND BOOKS	2,400	2,400	
SMALL TOOLS EXPENSE	996	996	
TRACTORS AND EQUIPMENT	480	480	
UNIFORMS AND LAUNDRY	3,252	3,252	
BIOSOLIDS DISPOSAL COSTS	150,000	150,000	
BAD DEBT EXPENSE	500	500	
TRAINING EXPENSES	2,664	2,664	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

130 - LOCKHART WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SAFETY & EMERG. EXPENSES	3,360	3,360	
SECURITY EXPENSE	3,600	3,600	
POWER AND UTILITIES	231,335	231,335	
AUXILLARY POWER EXPENSE	1,668	1,668	
CHLORINE	6,324	6,324	
LIME	120	120	
SULFUR DIOXIDE	3,624	3,624	
POLYMER	20,000	20,000	
LAB SUPPLIES & EXPENSES	52,500	60,240	7,740
PROFESSIONAL FEES	11,000	11,000	
INSPECTION FEES	19,116	19,116	
COMMUNICATIONS	6,600	6,600	
OFFICE SUPPLIES & EXPENSES	2,868	2,868	
COMPUTER SUPPLIES & SERVICE	3,600	3,600	
BANK SERVICE FEES	850	1,700	850
INSURANCE EXPENSE	15,900	15,900	
MISCELLANEOUS EXPENSES	504	480	(24)
Total OPERATING SUPPLIES & SERVICES	**551,685**	**559,243**	**7,558**
MAINTENANCE & REPAIR			
LABOR	50,714	52,384	1,669
MATERIAL	60,860	61,052	192
SERVICES	54,192	83,720	29,528
Total MAINTENANCE & REPAIR	**165,766**	**197,156**	**31,389**
TOTAL OPERATING & MAINTENANCE	**1,014,903**	**1,047,185**	**32,282**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	81,423	80,201	(1,222)
Total ADMINISTRATIVE & GENERAL	**81,423**	**80,201**	**(1,222)**
TOTAL OPERATING EXPENSES	**1,096,326**	**1,127,386**	**31,060**
NET OPERATING INCOME	**662,262**	**287,520**	**(374,742)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

130 - LOCKHART WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	1,758,588	1,414,906	(343,683)
OPERATING EXPENSES	(1,096,326)	(1,127,386)	(31,060)
NET OPERATING INCOME	**662,262**	**287,520**	**(374,742)**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON OPERATING FUNDS	360	360	
INT ON I & S FUND	1,080	450	(630)
Total INTEREST INCOME	**1,440**	**810**	**(630)**
INTEREST & BANK FEES:			
INT ON REVENUE BONDS	(21,121)	(6,665)	14,456
Total INTEREST & BANK FEES	**(21,121)**	**(6,665)**	**14,456**
TOTAL NON-OPERATING REVENUES (EXPENSES)	**(19,681)**	**(5,855)**	**13,826**
CHANGE IN NET ASSETS	**642,581**	**281,665**	**(360,916)**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE	**642,581**	**281,665**	**(360,916)**
PURCHASES OF FIXED ASSETS			
MISCELLANEOUS EQUIPMENT	13,000		(13,000)
Total PURCHASES OF FIXED ASSETS	**13,000**		**(13,000)**
WORK IN PROGRESS			
WIP-OPERATING		15,000	15,000
Total WORK IN PROGRESS		**15,000**	**15,000**
DEBT SERVICE			
REVENUE BONDS-PAID	629,581	266,665	(362,916)

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

130 - LOCKHART WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total DEBT SERVICE	629,581	266,665	(362,916)
TOTAL FUNDS APPLIED	642,581	281,665	(360,916)
NET CHANGE IN FUND BALANCE	0		()

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

130 - LOCKHART WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	15,947	11,678	(4,268)
STA- CLERICAL	8,917	9,019	101
Total STAFF TECHNICAL ASSISTANCE	**24,864**	**20,697**	**(4,167)**
SUPERVISION:			
SUPERVISION	51,872	53,480	1,608
Total SUPERVISION	**51,872**	**53,480**	**1,608**
OPERATING LABOR:			
CLERICAL	398	410	12
REG- OPERATING LABOR	114,906	112,096	(2,810)
REG- MISC LABOR	609	301	(309)
OVT- OPERATING LABOR	2,487	2,752	265
REG- WORKING HOLIDAY LABOR	887	916	30
Total OPERATING LABOR	**119,287**	**116,476**	**(2,812)**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	50,714	51,530	815
Total M&R-LABOR	**50,714**	**51,530**	**815**
M&R-OVERTIME:			
OVT/LBR- OTHER		854	854
Total M&R-OVERTIME		**854**	**854**
Total MAINTENANCE & REPAIR	**50,714**	**52,384**	**1,669**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**246,737**	**243,036**	**(3,701)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

130 - LOCKHART WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	50,714	51,530	815
OVT/LBR- OTHER		854	854
Total LABOR	**50,714**	**52,384**	**1,669**
MATERIAL:			
M&R/MAT- PUMPS	5,004	4,164	(840)
M&R/MAT- ENTRANCE STRUCT.	2,604	2,604	
M&R/MAT- METERS/INSTRUMENTAT'N	6,804	5,208	(1,596)
M&R/MAT- GATES/VALVES		2,520	2,520
M&R/MAT- AERATION	504	1,008	504
M&R/MAT- CLARIFIERS	1,008	1,008	
M&R/MAT- CHEMICAL FEED SYSTEMS	7,604	7,604	
M&R/MAT- WATER SYSTEM	2,004	2,004	
M&R/MAT- GROUNDSKEEPING	2,496	2,496	
M&R/MAT- TRUCKS	1,500	1,500	
M&R/MAT- MOTORS	3,504	3,504	
M&R/MAT- BUILDING	3,480	3,480	
M&R/MAT- TOOLS & EQUIP.	3,000	1,008	(1,992)
M&R/MAT- ELECTRICAL	3,000	3,000	
M&R/MAT- TRACTOR	1,200	1,200	
M&R/MAT- U.V.DISINFECTION	12,408	10,008	(2,400)
M&R/MAT- BELT PRESS	3,732	7,728	3,996
M&R/MAT- GENERATOR	1,008	1,008	
Total MATERIAL	**60,860**	**61,052**	**192**
SERVICES:			
M&R/SER- PUMPS	2,976	2,976	
M&R/SER- ENTRANCE STRUCT.	4,008	6,000	1,992
M&R/SER- METERS/INSTRUMENTAT'N	1,200	1,200	
M&R/SER- GATES/VALVES	2,508	5,004	2,496
M&R/SER- AERATION	3,444	13,454	10,010
M&R/SER- CLARIFIERS	3,516	17,310	13,794
M&R/SER- CHEMICAL FEED SYSTEMS	2,004	2,004	
M&R/SER- WATER SYSTEM	960	960	
M&R/SER- GROUNDSKEEPING	15,000	15,000	
M&R/SER- TRUCKS	1,992	1,992	
M&R/SER- MOTORS	2,400	2,400	
M&R/SER- BUILDING	2,004	3,000	996
M&R/SER- TOOLS & EQUIP.	1,500	1,600	100
M&R/SER- ELECTRICAL	3,600	3,600	
M&R/SER- TRACTOR	1,200	2,004	804

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

130 - LOCKHART WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/SER- U.V.DISINFECTION	1,200	1,200	
M&R/SER- BELT PRESS	1,416	1,416	
M&R/SER- GEN. OFFICE BLDG	624		(624)
M&R/SER- GENERATOR	2,640	2,600	(40)
Total SERVICES	**54,192**	**83,720**	**29,528**
TOTAL MAINTENANCE & REPAIR	**165,766**	**197,156**	**31,389**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

130 - LOCKHART WWTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - OPERATING			
CHLORINE ROOM/CYLINDER PAD-SER		15,000	15,000
Total		**15,000**	**15,000**
TOTAL WIP - OPERATING		**15,000**	**15,000**

Lockhart Division
Lockhart Water Treatment Plant System
Operating Plan for Fiscal Year ending 8/31/17

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 2017 is 155.57 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 155,568,000 gallons or 155.57MG. The budgeted FY 2017 operating revenue for the Lockhart Water Treatment Plant System is $661,860 which is $31,737 or 4.6% less than last year's budget. As described in the previous paragraph, the Lockhart WTP System is a cost of service operation and any year-over-year change in revenue is in a direct relationship to the changes in operating expenditures and capital improvements, for that year.

CAPITAL ADDITIONS AND OPERATING EXPENDITURES

Due to the nature of the GBRA and City of Lockhart contract, the operating expenditure budget for FY 2017 mirrors the revenue budget and therefore also amounts to $661,860, which is $31,737 less than FY 2016. Two of the major operating expenses for the ensuing fiscal year are power and chemicals. Chlorine, 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 is 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 2017 is $39,794. Power will also be a major expense for the upcoming year amounting to $64,324 or $3,062 more than FY 2016.

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.

Three major capital addition projects were considered for inclusion in the Lockhart WTP System budget for FY 2017 in the amount of $339,856. Specifically, the three projects considered include the replacement of isolation valves at the Lockhart Raw Water Booster station, replacement of 2,950 linear feet of raw water pipeline from Plum Creek to the end of RC Ranch Road and rehabilitation of the 4 filters at the Lockhart Water Treatment Plant. The staffs of the City and GBRA have discussed the relative importance of each project but given the uncertainty of project timing and the possibility of utilizing alternative funding sources, these projects have been omitted from the budget for the time being.

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 2017 is only $60.

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

131 - LOCKHART WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WATER SALES & LAKE OPERATIONS:			
PLANT O&M EXPENSES	585,746	613,279	27,533
ADMINISTRATIVE & GENERAL	46,651	48,581	1,930
ADDS. TO PLANT AND EQUIP.	61,200		(61,200)
Total WATER SALES & LAKE OPERATIONS	**693,597**	**661,860**	**(31,737)**
TOTAL OPERATING REVENUES	**693,597**	**661,860**	**(31,737)**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	11,607	13,116	1,509
SUPERVISION	52,881	54,084	1,203
LABOR	23,891	26,898	3,008
Total OPERATING SALARIES & WAGES	**88,379**	**94,099**	**5,720**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	1,200	1,200	
EMPLOYEE BENEFITS	57,254	59,623	2,369
Total EMPLOYEE EXPENSES & BENEFITS	**58,454**	**60,823**	**2,369**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	5,004	5,004	
EQUIPMENT RENTAL	1,650	1,650	
DUES AND MEMBERSHIPS	424	424	
PUBLICATIONS AND BOOKS	240	240	
SMALL TOOLS EXPENSE	1,008	1,008	
TRACTORS AND EQUIPMENT	120	120	
UNIFORMS AND LAUNDRY	2,484	2,484	
TRAINING EXPENSES	2,808	2,808	
SAFETY & EMERG. EXPENSES	1,404	1,404	
SECURITY EXPENSE	4,008	4,008	
POWER AND UTILITIES	61,262	64,324	3,062
CHLORINE	2,870	2,870	
FLOURIDE	924	924	
AMMONIA	3,000	3,000	
ORTHOPHOSPHATE	33,000	33,000	
LAB SUPPLIES & EXPENSES	20,508	20,292	(216)
PROFESSIONAL FEES	18,600	18,600	
INSPECTION/TESTING FEES	9,380	9,380	

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

131 - LOCKHART WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
COMMUNICATIONS	3,996	3,996	
OFFICE SUPPLIES & EXPENSES	2,100	2,100	
COMPUTER SUPPLIES & SERVICE	3,192	3,192	
INSURANCE EXPENSE	14,000	14,000	
MISCELLANEOUS EXPENSES	480	480	
Total OPERATING SUPPLIES & SERVICES	**192,462**	**195,308**	**2,846**
MAINTENANCE & REPAIR			
LABOR	52,987	53,118	130
MATERIAL	99,180	98,976	(204)
SERVICES	94,284	110,956	16,672
Total MAINTENANCE & REPAIR	**246,451**	**263,050**	**16,598**
TOTAL OPERATING & MAINTENANCE	**585,746**	**613,279**	**27,533**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	46,651	48,581	1,930
Total ADMINISTRATIVE & GENERAL	**46,651**	**48,581**	**1,930**
TOTAL OPERATING EXPENSES	**632,397**	**661,860**	**29,463**
NET OPERATING INCOME	**61,200**		**(61,200)**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

131 - LOCKHART WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	693,597	661,860	(31,737)
OPERATING EXPENSES	(632,397)	(661,860)	(29,463)
NET OPERATING INCOME	**61,200**		**(61,200)**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON OPERATING FUNDS	60	60	
Total INTEREST INCOME	**60**	**60**	
TOTAL NON-OPERATING REVENUES (EXPENSES)	**60**	**60**	
CHANGE IN NET ASSETS	**61,260**	**60**	**(61,200)**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE	**61,260**	**60**	**(61,200)**
PURCHASES OF FIXED ASSETS			
WORK IN PROGRESS			
WIP-OPERATING	61,200		(61,200)
Total WORK IN PROGRESS	**61,200**		**(61,200)**
DEBT SERVICE			
TOTAL FUNDS APPLIED	**61,200**		**(61,200)**
NET CHANGE IN FUND BALANCE	**60**	**60**	**()**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

131 - LOCKHART WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	4,551	7,145	2,594
STA- CLERICAL	7,056	5,971	(1,085)
Total STAFF TECHNICAL ASSISTANCE	**11,607**	**13,116**	**1,509**
SUPERVISION:			
SUPERVISION	52,881	54,084	1,203
Total SUPERVISION	**52,881**	**54,084**	**1,203**
OPERATING LABOR:			
CLERICAL	159	274	114
REG- OPERATING LABOR	20,364	23,110	2,746
REG- MISC LABOR	150	188	37
OVT- OPERATING LABOR	2,330	2,411	80
REG- WORKING HOLIDAY LABOR	887	916	30
Total OPERATING LABOR	**23,891**	**26,898**	**3,008**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	52,768	52,891	123
Total M&R-LABOR	**52,768**	**52,891**	**123**
M&R-OVERTIME:			
OVT/LBR- OTHER	219	227	7
Total M&R-OVERTIME	**219**	**227**	**7**
Total MAINTENANCE & REPAIR	**52,987**	**53,118**	**130**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**141,366**	**147,216**	**5,850**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

131 - LOCKHART WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	52,768	52,891	123
OVT/LBR- OTHER	219	227	7
Total LABOR	**52,987**	**53,118**	**130**
MATERIAL:			
M&R/MAT- GROUNDSKEEPING	2,268	2,268	
M&R/MAT- STORAGE TANKS	3,000	3,000	
M&R/MAT- CHEM FEED EQUIP	3,960	2,400	(1,560)
M&R/MAT- MOTORS	8,004	8,004	
M&R/MAT- TOOLS & EQUIP.	1,860	1,008	(852)
M&R/MAT- METERS	10,608	10,608	
M&R/MAT- GATES & VALVES	11,604	8,112	(3,492)
M&R/MAT- TRUCKS	1,500	1,500	
M&R/MAT- PUMPS	14,604	14,604	
M&R/MAT- STRUCTURE MAINT.	3,744	6,744	3,000
M&R/MAT- ELECTRICAL	2,004	2,400	396
M&R/MAT- WELLS	32,700	35,004	2,304
M&R/MAT- WATER LINE	3,324	3,324	
Total MATERIAL	**99,180**	**98,976**	**(204)**
SERVICES:			
M&R/SER- GROUNDSKEEPING	15,408	15,408	
M&R/SER- STORAGE TANKS	4,008	5,004	996
M&R/SER- CHEM FEED EQUIP	2,400	2,400	
M&R/SER- MOTORS	4,908	4,908	
M&R/SER- TOOLS & EQUIP.	1,560	1,560	
M&R/SER- METERS	3,600	3,600	
M&R/SER- GATES & VALVES	10,596	10,596	
M&R/SER- TRUCKS	480	480	
M&R/SER- PUMPS	6,500	9,696	3,196
M&R/SER- STRUCTURE MAINT.	2,000	3,000	1,000
M&R/SER- ELECTRICAL	4,800	4,800	
M&R/SER- WELLS	32,000	44,100	12,100
M&R/SER- WATER LINE	5,400	5,404	4
M&R/SER- GEN. OFFICE BLDG	624		(624)
Total SERVICES	**94,284**	**110,956**	**16,672**
TOTAL MAINTENANCE & REPAIR	**246,451**	**263,050**	**16,598**

GUADALUPE-BLANCO RIVER AUTHORITY
WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

131 - LOCKHART WTP

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - OPERATING			
SCADA SYSTEM UPGRAGE-SERVICE	38,000		(38,000)
SCADA SYSTEM UPGRAGE-MATL'S	23,200		(23,200)
Total	**61,200**		**(61,200)**
TOTAL WIP - OPERATING	**61,200**		**(61,200)**

The systems within this division are independent systems. The inclusion of the following Division level consolidation pages is for information purposes only.

GUADALUPE-BLANCO RIVER AUTHORITY
LOCKHART DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES			
WATER SALES & LAKE OPERATIONS:			
PLANT O&M EXPENSES	585,746	613,279	27,533
ADMINISTRATIVE & GENERAL	46,651	48,581	1,930
ADDS. TO PLANT AND EQUIP.	61,200		(61,200)
Total WATER SALES & LAKE OPERATIONS	**693,597**	**661,860**	**(31,737)**
WASTEWATER SERVICES:			
PLANT O&M EXPENSES	1,014,903	1,047,185	32,282
ADMINISTRATIVE & GENERAL	81,423	80,201	(1,222)
CREDIT INTEREST EARNINGS	(360)	(360)	
CREDIT MISC. REVENUES	(300,160)	(300,160)	
CREDIT INT ON I & S FUNDS	(1,080)	(450)	630
DEBT SERVICE REQUIREMENTS	650,702	273,330	(377,372)
ADDS. TO PLANT AND EQUIP.	13,000	15,000	2,000
Total WASTEWATER SERVICES	**1,458,428**	**1,114,746**	**(343,683)**
MISCELLANEOUS INCOME:			
MISCELLANEOUS REVENUES	300,160	300,160	
Total MISCELLANEOUS INCOME	**300,160**	**300,160**	
TOTAL OPERATING REVENUES	**2,452,185**	**2,076,766**	**(375,419)**
OPERATING EXPENSES			
STAFF TECHNICAL ASSISTANCE	36,471	33,813	(2,658)
SUPERVISION	104,753	107,564	2,811
LABOR	143,178	143,374	196
Total OPERATING SALARIES & WAGES	**284,402**	**284,751**	**349**
EMPLOYEE EXPENSES & BENEFITS:			
EMPLOYEES' TRAVEL	2,700	2,904	204
EMPLOYEE BENEFITS	157,182	158,052	870
Total EMPLOYEE EXPENSES & BENEFITS	**159,882**	**160,956**	**1,074**
OPERATING SUPPLIES & SERVICES:			
TRUCK OPERATING EXPENSES	12,708	11,700	(1,008)
EQUIPMENT RENTAL	1,650	1,650	
DUES AND MEMBERSHIPS	1,144	1,144	
PUBLICATIONS AND BOOKS	2,640	2,640	

GUADALUPE-BLANCO RIVER AUTHORITY
LOCKHART DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SMALL TOOLS EXPENSE	2,004	2,004	
TRACTORS AND EQUIPMENT	600	600	
UNIFORMS AND LAUNDRY	5,736	5,736	
BIOSOLIDS DISPOSAL COSTS	150,000	150,000	
BAD DEBT EXPENSE	500	500	
TRAINING EXPENSES	5,472	5,472	
SAFETY & EMERG. EXPENSES	4,764	4,764	
SECURITY EXPENSE	7,608	7,608	
POWER AND UTILITIES	292,597	295,659	3,062
AUXILLARY POWER EXPENSE	1,668	1,668	
CHLORINE	9,194	9,194	
LIME	120	120	
SULFUR DIOXIDE	3,624	3,624	
FLOURIDE	924	924	
AMMONIA	3,000	3,000	
POLYMER	20,000	20,000	
ORTHOPHOSPHATE	33,000	33,000	
LAB SUPPLIES & EXPENSES	73,008	80,532	7,524
PROFESSIONAL FEES	29,600	29,600	
INSPECTION/TESTING FEES	28,496	28,496	
COMMUNICATIONS	10,596	10,596	
OFFICE SUPPLIES & EXPENSES	4,968	4,968	
COMPUTER SUPPLIES & SERVICE	6,792	6,792	
BANK SERVICE FEES	850	1,700	850
INSURANCE EXPENSE	29,900	29,900	
MISCELLANEOUS EXPENSES	984	960	(24)
Total OPERATING SUPPLIES & SERVICES	**744,147**	**754,551**	**10,404**
MAINTENANCE & REPAIR			
LABOR	103,702	105,501	1,800
MATERIAL	160,040	160,028	(12)
SERVICES	148,476	194,676	46,200
Total MAINTENANCE & REPAIR	**412,218**	**460,205**	**47,988**
TOTAL OPERATING & MAINTENANCE	**1,600,649**	**1,660,464**	**59,815**
ADMINISTRATIVE & GENERAL:			
A & G EXPENSES	128,074	128,782	708

GUADALUPE-BLANCO RIVER AUTHORITY
LOCKHART DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
Total ADMINISTRATIVE & GENERAL	**128,074**	**128,782**	**708**
TOTAL OPERATING EXPENSES	**1,728,723**	**1,789,246**	**60,523**
NET OPERATING INCOME	**723,462**	**287,520**	**(435,942)**

GUADALUPE-BLANCO RIVER AUTHORITY
LOCKHART DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
OPERATING REVENUES	2,452,185	2,076,766	(375,419)
OPERATING EXPENSES	(1,728,723)	(1,789,246)	(60,523)
NET OPERATING INCOME	**723,462**	**287,520**	**(435,942)**
NON-OPERATING REVENUES (EXPENSES)			
INTEREST INCOME:			
INT ON OPERATING FUNDS	420	420	
INT ON I & S FUND	1,080	450	(630)
Total INTEREST INCOME	**1,500**	**870**	**(630)**
INTEREST & BANK FEES:			
INT ON REVENUE BONDS	(21,121)	(6,665)	14,456
Total INTEREST & BANK FEES	**(21,121)**	**(6,665)**	**14,456**
TOTAL NON-OPERATING REVENUES (EXPENSES)	**(19,621)**	**(5,795)**	**13,826**
CHANGE IN NET ASSETS	**703,841**	**281,725**	**(422,116)**
DEBT CAPITAL			
TOTAL FUNDS AVAILABLE	**703,841**	**281,725**	**(422,116)**
PURCHASES OF FIXED ASSETS			
MISCELLANEOUS EQUIPMENT	13,000		(13,000)
Total PURCHASES OF FIXED ASSETS	**13,000**		**(13,000)**
WORK IN PROGRESS			
WIP-OPERATING	61,200	15,000	(46,200)
Total WORK IN PROGRESS	**61,200**	**15,000**	**(46,200)**
DEBT SERVICE			
REVENUE BONDS-PAID	629,581	266,665	(362,916)
Total DEBT SERVICE	**629,581**	**266,665**	**(362,916)**

GUADALUPE-BLANCO RIVER AUTHORITY
LOCKHART DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
TOTAL FUNDS APPLIED	**703,781**	**281,665**	**(422,116)**
NET CHANGE IN FUND BALANCE	**60**	**60**	**()**

GUADALUPE-BLANCO RIVER AUTHORITY
LOCKHART DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
SALARIES & WAGES DETAIL			
STAFF TECHNICAL ASSISTANCE:			
STA- SUPERVISION	20,497	18,823	(1,674)
STA- CLERICAL	15,974	14,990	(984)
Total STAFF TECHNICAL ASSISTANCE	**36,471**	**33,813**	**(2,658)**
SUPERVISION:			
SUPERVISION	104,753	107,564	2,811
Total SUPERVISION	**104,753**	**107,564**	**2,811**
OPERATING LABOR:			
CLERICAL	558	684	126
REG- OPERATING LABOR	135,270	135,206	(64)
REG- MISC LABOR	760	488	(271)
OVT- OPERATING LABOR	4,817	5,163	346
REG- WORKING HOLIDAY LABOR	1,773	1,833	60
Total OPERATING LABOR	**143,178**	**143,374**	**196**
MAINTENANCE & REPAIR			
M&R-LABOR:			
REG/LBR- OTHER	103,482	104,421	938
Total M&R-LABOR	**103,482**	**104,421**	**938**
M&R-OVERTIME:			
OVT/LBR- OTHER	219	1,081	861
Total M&R-OVERTIME	**219**	**1,081**	**861**
Total MAINTENANCE & REPAIR	**103,702**	**105,501**	**1,800**
WORK IN PROGRESS			
PROJECT DEVELOPMENT			
TOTAL SALARIES & WAGES	**388,103**	**390,253**	**2,149**

GUADALUPE-BLANCO RIVER AUTHORITY
LOCKHART DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
MAINTENANCE & REPAIR DETAIL			
LABOR:			
REG/LBR- OTHER	103,482	104,421	938
OVT/LBR- OTHER	219	1,081	861
Total LABOR	**103,702**	**105,501**	**1,800**
MATERIAL:			
M&R/MAT- GROUNDSKEEPING	7,272	6,432	(840)
M&R/MAT- GEN. OFFICE BLDG	2,604	2,604	
M&R/MAT- STORAGE TANKS	9,804	8,208	(1,596)
M&R/MAT- CHEM FEED EQUIP	3,960	4,920	960
M&R/MAT- MOTORS	8,004	8,004	
M&R/MAT- CHLORINATION	504	1,008	504
M&R/MAT- TOOLS & EQUIP.	2,868	2,016	(852)
M&R/MAT- METERS	18,212	18,212	
M&R/MAT- GATES & VALVES	13,608	10,116	(3,492)
M&R/MAT- TRUCKS	1,500	1,500	
M&R/MAT- PUMPS	17,100	17,100	
M&R/MAT- PROCESS UNIT CLEANING	1,500	1,500	
M&R/MAT- MOTORS	3,504	3,504	
M&R/MAT- ROADS	3,480	3,480	
M&R/MAT- NON-POT WTR SYS.	3,000	1,008	(1,992)
M&R/MAT- POTABLE WTR SYS.	3,000	3,000	
M&R/MAT- STRUCTURE MAINT.	4,944	7,944	3,000
M&R/MAT- U.V.DISINFECTION	12,408	10,008	(2,400)
M&R/MAT- ELECTRICAL	5,736	10,128	4,392
M&R/MAT- WELLS	32,700	35,004	2,304
M&R/MAT- WATER LINE	3,324	3,324	
M&R/MAT- GENERATOR	1,008	1,008	
Total MATERIAL	**160,040**	**160,028**	**(12)**
SERVICES:			
M&R/SER- GROUNDSKEEPING	18,384	18,384	
M&R/SER- GEN. OFFICE BLDG	4,008	6,000	1,992
M&R/SER- STORAGE TANKS	5,208	6,204	996
M&R/SER- CHEM FEED EQUIP	4,908	7,404	2,496
M&R/SER- MOTORS	4,908	4,908	
M&R/SER- CHLORINATION	3,444	13,454	10,010
M&R/SER- TOOLS & EQUIP.	5,076	18,870	13,794
M&R/SER- METERS	5,604	5,604	
M&R/SER- GATES & VALVES	11,556	11,556	
M&R/SER- TRUCKS	480	480	
M&R/SER- PUMPS	21,500	24,696	3,196
M&R/SER- PROCESS UNIT CLEANING	1,992	1,992	
M&R/SER- MOTORS	2,400	2,400	

GUADALUPE-BLANCO RIVER AUTHORITY
LOCKHART DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
M&R/SER- ROADS	2,004	3,000	996
M&R/SER- NON-POT. WTR SYS	1,500	1,600	100
M&R/SER- POTABLE WTR SYS.	3,600	3,600	
M&R/SER- STRUCTURE MAINT.	3,200	5,004	1,804
M&R/SER- U.V.DISINFECTION	1,200	1,200	
M&R/SER- ELECTRICAL	6,216	6,216	
M&R/SER- WELLS	32,000	44,100	12,100
M&R/SER- WATER LINE	5,400	5,404	4
M&R/SER- GEN. OFFICE BLDG	1,248		(1,248)
M&R/SER- GENERATOR	2,640	2,600	(40)
Total SERVICES	**148,476**	**194,676**	**46,200**
TOTAL MAINTENANCE & REPAIR	**412,218**	**460,205**	**47,988**

GUADALUPE-BLANCO RIVER AUTHORITY
LOCKHART DIVISION - WORK PLAN AND BUDGET
FISCAL YEAR ENDING AUGUST 31, 2017

	FY 2016 BUDGET	FY 2017 BUDGET	FY 2016-2017 DIFFERENCE
WIP - OPERATING			
SCADA SYSTEM UPGRAGE-SERVICE	38,000		(38,000)
SCADA SYSTEM UPGRAGE-MATL'S	23,200		(23,200)
Total	**61,200**		**(61,200)**
CHLORINE ROOM/CYLINDER PAD-SER		15,000	15,000
Total		**15,000**	**15,000**
TOTAL WIP - OPERATING	**61,200**	**15,000**	**(46,200)**

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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