

# GUADALUPE-BLANCO RIVER AUTHORITY

## WORK PLAN AND BUDGET

Fiscal Year Ending August 31, 2016



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!*



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished  
Budget Presentation  
Award*

PRESENTED TO

**Guadalupe-Blanco River Authority  
Texas**

For the Fiscal Year Beginning

**September 1, 2014**

A handwritten signature in black ink, reading "Jeffrey R. Emen", is positioned above the title "Executive Director".

Executive Director

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, 2014. 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, 2016**

### **DIRECTORS**

Tommy Mathews

Chair

Robert “Rusty” Brockman, Jr.

Vice-Chair

Dennis L. Patillo

Secretary-Treasurer

William R. Carbonara

Oscar H. Fogle

Grace G. Kunde

Darrell McLain

Don B. Meador

Kenneth Motl

### **EXECUTIVE STAFF**

W. E. West, Jr.

General Manager

Tom Bohl

General Counsel

James Murphy

Executive Manager of Water Resources & Utility Operations

Alvin Schuerg

Executive Manager of Finance and Administration

LaMarriol Smith

Executive Manager for Strategic Communications and Public Affairs

Todd Votteler

Executive Manager of Science, Intergovernmental Relations & Policy

David Welsch

Executive Manager of Business Development & Resource Management

### **MANAGEMENT STAFF**

Gary Asbury

Manager of Project Engineering

Barbara Gunn

Human Resources Manager

Thomas Hill

Chief Engineer

Michael Urrutia

Director of Water Quality Services

Vacant

Director of Project Development

Bryan Serold

Operations Manager – Lower Basin

John Smith

Operations Manager – Upper Basin



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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 but necessarily so given 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 2016 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 2015 and as we approach FY 2016, 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 2016 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. Throughout FY 2016 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 2016 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 and endangered species 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 2016 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 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 \$75,000 in next year's budget for GBRA's continued support of the Foundation. 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 it is expected that sufficient "Project capacity" will be requested from these customers in FY 2016 that design, permitting and right-of-way work will commence in the next 12 months.
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 and 2015.
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 \$135.00 per acre-foot during FY 2016, which is a 3.8% increase from last year. This rate increase follows a 4% rate increase for FY 2015; however, in FY 2014 there was no increase to the firm, committed water rate. Over the ten year period of FY 2005 – 2015 the average rate increase was 4.0% 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 costs in the State have remained stable the last few years due to the abundance of natural gas as a fuel to generate electricity. Therefore, "Hydro Rate" will continue in FY 2016 and since the drought conditions of the last 4 – 5 years seemed to have "eased-up" as a result of the abundant rains of 2015, the revenue generated within the Division should be sufficient to make significant system repairs, replacements and improvements that have been heretofore been deferred.
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 2016 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.
10. During FY 2016, 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 50MGD 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 2016 Work Plan are (a) the application and associated hearing with the Texas Commission on Environmental Quality (TCEQ) for the necessary 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 previously heard and decided in federal district court with a decision being rendered that was considered unfavorable to the State of Texas and GBRA. The case was subsequently heard in the Fifth Circuit Federal Court of Appeals with a decision being rendered in 2014 that was favorable to the State and to GBRA. In FY 2015, the plaintiffs requested that the Supreme Court of the United States hear the case but that Court refused to do so thereby effectively ending the case. Nevertheless, the plaintiffs in the case are suggesting further legal action and/or the pursuit of other options available to them in the future. Therefore, GBRA is continuing to budget time and resources in the FY 2016 in order to defend GBRA's water rights and the State's water permitting process.

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 2015. 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, avoids 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 19, 2015, 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 and the first part of the new millennium, 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. As far as recent potable water related facilities, 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 as well as a third new water system in the Comal Trace development. GBRA expects to further increase its retail operations during FY 2016 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 an extension to serve a developing area within GBRA's Canyon Park WWTP service area. Additionally during FY 2016, GBRA will initiate operation of the Singing Hills Wastewater Treatment Plant after being selected by the City of Bulverde to operate the Plant on their behalf. Current residents of Bulverde utilize "on-site" wastewater disposal systems however due to the rapid growth in this area that is just north of San Antonio, the City has elected to develop their first wastewater treatment system which will serve higher density developments in the Hwy 46 and 281 interchange.

The financial impact of the all of these operations is depicted on page 58. The decrease in Total Assets during the past several years as shown on page 58 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**

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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 18-23, and the individual Division Goals and Objectives which are included in their respective sections of this budget document.

### **III. FINANCIAL POLICIES**

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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 2016 Work Plan and Budget includes \$670,000 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 2016 are budgeted to be \$128,574.

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 with financial reserves as of May 31, 2013 approximating \$20.2 million. GBRA has continued to meet this goal during the current year with available financial reserves as of May 31, 2015 of \$26.7 million. Further, the FY 2016 budget is structured to further assure this goal continues to be met.

#### **IV. FINANCIAL GOALS**

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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 these tenets.

Three principal goals were identified in the 1997 Plan and through the annual review process since that time; GBRA continues to espouse the same three goals. 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 operating expenses, debt service, and non-debt financed capital additions will be covered. However beyond the coverage of costs, this 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 also include adequate capitalization and the maintenance of adequate 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. 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 2016.

## **V. ORGANIZATION AND STAFF**

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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, W.E. West Jr.; Mr. West is GBRA’s chief executive officer and is responsible for all GBRA properties, businesses, and operations. Under the General Manager’s leadership, the 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 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 one and a half positions is included in the Work Plan for FY 2016 from the previous year’s Work Plan. The position changes include the addition of a Social Media/Community Relations Specialist in Water Sales and a P/T Lab Assistant in the Regional Lab.



## **VI. MAJOR ELEMENTS**

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Described below are some of the major elements in the GBRA Work Plan and Budget for FY 2016 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, strategic planning, supervisory and leadership training, computer-related assistance, investment portfolio reviews, an executive search, Affordable Care Act compliance, 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 seven years.

### **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 eighty year old Division. While this higher rate will continue during FY 2016, the ability of the Division to fund the aforementioned improvement projects has been severely limited due to reduced electrical generation of the last few years because of a 4 – 5 year drought throughout Texas. While it

may be too early to know definitely, that drought may have been broken following significant rains in the spring of 2015. If so, the higher hydroelectric generation and the resulting revenue increase may finally allow GBRA to complete many of the budgeted maintenance and improvement projects heretofore deferred in the Hydroelectric Division.

- 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. Several significant projects are scheduled during FY 2016 within the Hydroelectric Divisions including 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, power house painting, and the enhancement of a Dam Emergency Action Plan as required by the Texas Commission of Environmental Quality.

### **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 installation of emergency generators at those sites that currently do not have one.
- 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 and the White Wing and Legend Pond housing developments currently in progress.
- 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.
- 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.

- E. During FY 2016, GBRA is planning an expansion of the collection system associated with the Canyon Park Wastewater Treatment Plant which serves an area on the north side of Canyon Reservoir. The anchor tenant for this expansion is likely to be a Brookshire Brothers grocery store but the expansion will also serve other areas currently undeveloped.

### **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.
- 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 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 \$5 or 3.8% to \$135 per acre-foot per year. While GBRA strives to maintain the firm water rate when possible, the program costs within GBRA's Water Resource operations have trended up with time resulting in a rate increase again for FY 2016. Programs that will be an emphasis in the FY 2016 Water Resource work plan include the aforementioned legal costs related to endangered species issues and their impact on GBRA water rights, the Habitat Conservation Plan related to flows from the Edwards Aquifer, the development of the conjunctive surface and groundwater Mid-Basin 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 which for next year includes conceptual studies on how to best co-locate a seawater desalination plant with a gas fired power plant.
- 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 2016 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, 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 Hays County 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 and groundwater 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 2016 is \$916,499.
- 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 2016 fiscal year is \$478,234.
- 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 77% of the water treated by the plant, while the MUD receives 11% and the CCRWSS receive 12%.
- 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.

#### **Recreation and Tourism Development**

- A. GBRA operates three park facilities, including the Coletto Creek Regional Park located in Victoria and Goliad Counties, the Guadalupe Recreation System in Guadalupe County, and the Lake Wood Recreation Area in Gonzales County. These parks provide picnicking, camping and water-oriented recreation for the residents and visitors of 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. 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 April 2015 for the McMahan Community Center in Caldwell County. Many employees and their families throughout the organization participated in the rehabilitation of the center. 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 2016 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 \$3,788,891 in FY 2015 to \$4,013,378 in FY 2016.
- 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**

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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 36-37 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, Port Lavaca Water Treatment Plant, Coletto 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**

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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**

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A table of rates and rate structures on pages 64-72 in the Financial Summary section summarizes GBRA's existing and proposed rates. The rates listed for FY 2016 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 2015 to FY 2016 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.
- Help develop education component for Canyon Gorge project.

#### ◆ **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.

- Engage the services of a grant writer(s).
- Identify current projects and studies that have grant funding possibilities.
- Review the annual budget for grant opportunities.

#### ◆ Objective 3: Identify financial reserve goals.

- Establish short-term and 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 “impact 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.**

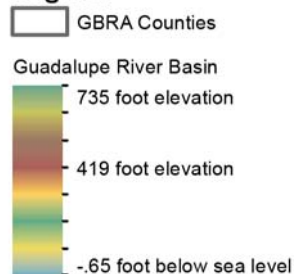
- Secure and extend existing contracts for services.
- Enhance Small Developments and technical assistance.
- Guadalupe Delta modeling.
- Water/wastewater reuse.
- Regional sludge handling.
- Groundwater development.
- Industrial water/wastewater reuse.
- TMDL/BAYS.
- Participate in development of State 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 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
- 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 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 Power Plant
- 24, Lake Wood Park (H-5) Hydroelectric Power Plant
- 25, Coleta Creek Park and Reservoir
- 26, Diversion Dam and Salt Water Barrier
- 27, Crestview Subdivision Wastewater Treatment Plant
- 28, Port Lavaca Water Treatment Plant and Calhoun County Rural Water and Canal System Division

### Legend



## Statistical Data

### Rivers:

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

### Dams and Reservoirs:

Canyon Conservation Pool	
Capacity .....	386,210 acre-feet
Surface Area.....	8,240 acres
Elevation .....	909.0 ft. (MSL)
Canyon Flood Control Pool	
Capacity .....	346,000 acre-feet
Surface Area.....	12,890 acres
Elevation .....	943.0 ft. (MSL)
Coleta Creek	
Capacity .....	35,084 acre-feet
Surface Area.....	3,100 acres
Elevation .....	98.0 ft. (MSL)
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

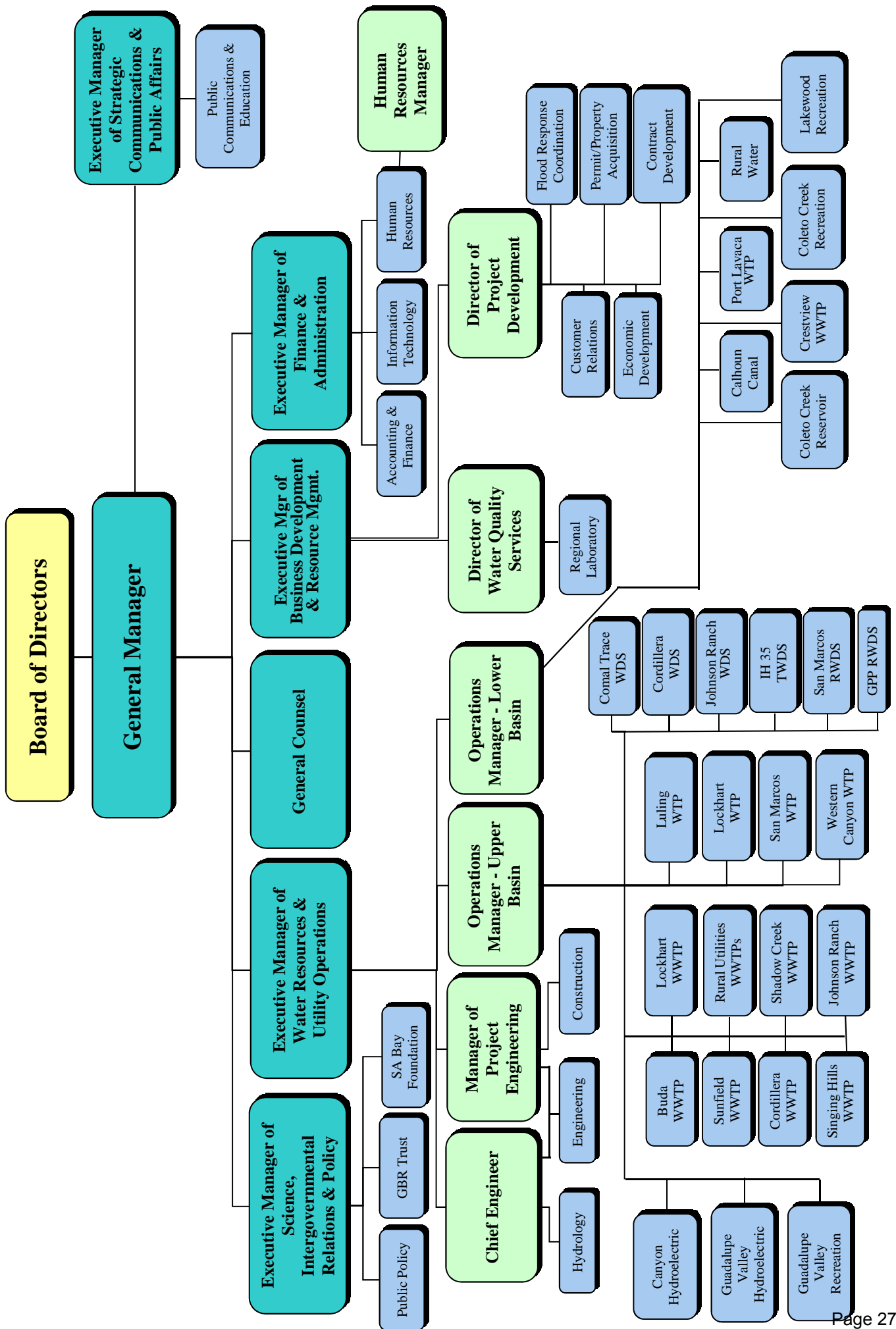
Created under..... Vernon's Civil Statutes, Article 8280-106  
Year Created ..... 1935  
Domicile ..... New Braunfels, Texas  
Last Revision of Enabling Act..... 1975  
Last Revision of Bylaws ..... 2012  
Population of District..... 624,049  
Area of District ..... 7,300 square miles  
Average Annual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



## Offices

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

# GBRA Operational Chart





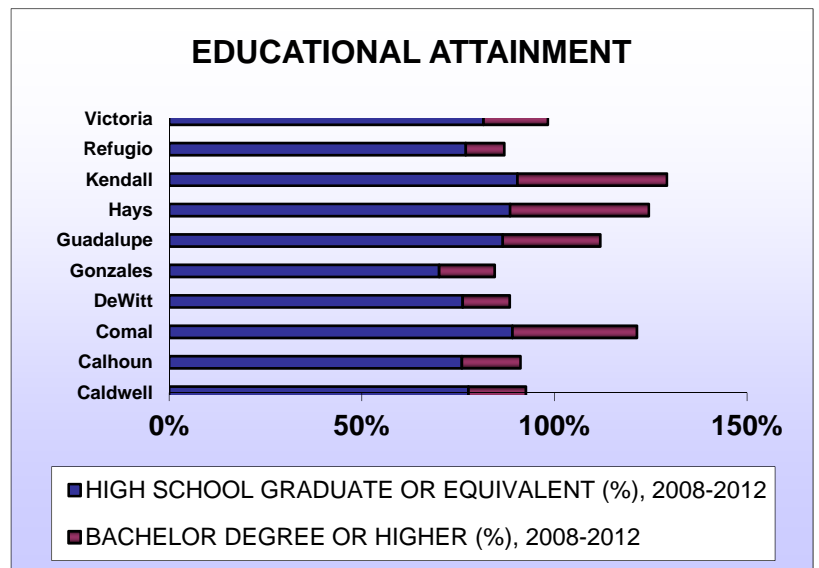
## GBRA District Demographics

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.

GBRA provides a variety of services to rural water corporations, electric cooperatives, industries and individuals within this ten-county district. The array of services includes water sales and distribution, water treatment, wastewater treatment, hydroelectric generation, laboratory analysis and recreation opportunities.

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 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.

<u>COUNTY</u>	<u>HIGH SCHOOL GRADUATE OR EQUIV.</u>	<u>BACHELOR DEGREE OR HIGHER</u>
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

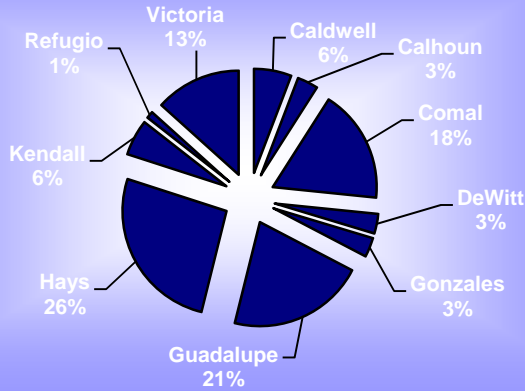




## Fiscal Year 2016 Budget

*flowing solutions*

### DISTRICT POPULATION BY COUNTY



SOURCE: U.S. Census Bureau, Estimate 2013

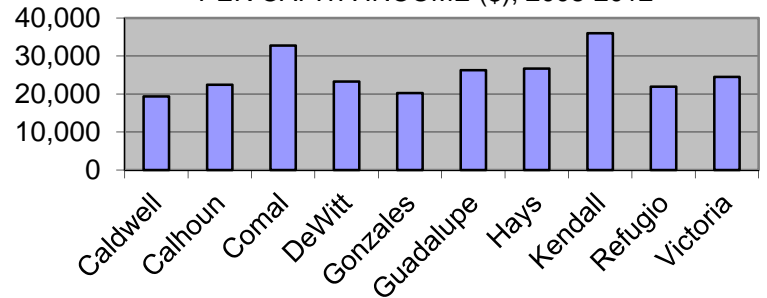
### COUNTY POPULATION

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

### COUNTY PER CAPITA INCOME

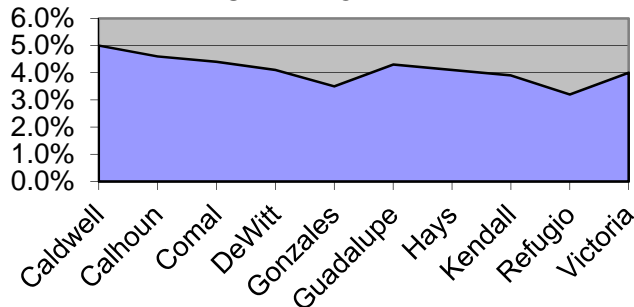
COUNTY	PER CAPITA INCOME
Kendall	35,991
Comal	32,736
Hays	26,662
Guadalupe	26,233
Victoria	24,473
DeWitt	23,281
Calhoun	22,439
Refugio	21,936
Gonzales	20,225
Caldwell	19,368

### PER CAPITA INCOME (\$), 2008-2012



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

### UNEMPLOYMENT RATE



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

### UNEMPLOYMENT RATE

COUNTY	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



The following pictures are few pictures taken at the 2015  
“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 2015, the program awarded \$6,000 in scholarships to three graduating seniors in our service area. Additionally, \$2,000 in scholarships were awarded to the seniors of GBRA employees pursuing their education.

The following pictures are a few of the 2015 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:

<i>County</i>	<i>Amount</i>	<i>County</i>	<i>Amount</i>
<b>Caldwell</b>	\$978,759	<b>Guadalupe</b>	\$6,363,090
<b>Calhoun</b>	1,510,687	<b>Hays</b>	1,659,667
<b>Comal</b>	932,209	<b>Kendall</b>	35,755
<b>DeWitt</b>	6,531	<b>Refugio</b>	3,294
<b>Gonzales</b>	153,356	<b>Victoria</b>	1,182,274
<b>Total</b>			\$12,825,622



## 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 2,580 years in the GBRA workforce.

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

<u>YRS OF SERVICE</u>	<u>NUMBER OF EMPLOYEES</u>
40+	3
35-40	15
30-34	17
25-29	11
20-24	11
15-19	14
10-14	17
05-09	24
4 or less	52



Dan Beckendorf, Coleto Creek Park, photo by Anna Beckendorf,  
Source: GBRA River Run

Earth Day festivities. Dan Beckendorf of the Coleto Creek Park system and his wife, Anna, host guided nature walks and tours of a wildscape garden impressing to the group the benefits of native plants to Texas Wildlife. The groups get to see the nature trail, habitat gardens, pools for lizards and frogs, and a butterfly garden.

Many activities revolve around the official Earth Day of April 22. Employee Cinde Thomas-Jimenez, GBRA General Division, frequently demonstrates to citizens, young and old, on how pollution can enter into the ecosystems of nearby rivers, streams and lakes. In the photo to the right, she is using a large scale river model as a teaching tool by simulating river basin stream flows on individual watersheds and the greater Guadalupe River Basin form its headwaters to San Antonio Bay.



Cinde Thomas-Jimenez, General Division  
Source: GBRA River Run



## 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

### 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  
Port O'Connor Municipal Utility District  
San Antonio Water System  
Sunfield Municipal Utility District #4

## Operating Statistics

Operating Statistics	Actual			Budget	
	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
<b>Water Treatment Customers:</b>					
<b><i>Total Retail Water Distributed (Gal.)</i></b>					
Calhoun County Rural Water Division	92,377,000	81,818,000	75,749,000	87,668,000	60,848,000
Cordillera WDS	102,846,966	87,083,400	94,756,000	100,000,000	100,000,000
<b><i>Total Water Treated (Gal.)</i></b>					
Lockhart Water Treatment Plant	579,122,000	548,963,000	537,896,000	569,225,000	579,822,000
Luling Water Treatment Plant	664,541,000	684,728,000	630,906,000	700,434,000	675,615,000
Port Lavaca Water Treatment Plant	721,578,000	666,194,000	617,275,000	709,530,000	692,290,000
San Marcos Water Treatment Plant	3,324,085,000	3,449,001,000	3,643,600,000	3,485,098,000	3,522,481,000
Western Canyon Water Treatment Plant	3,640,904,000	3,663,286,000	3,587,600,000	3,650,000,000	3,650,000,000
<b>Wastewater Treatment Customers:</b>					
<b><i>Total Wastewater Treated (Gal.)</i></b>					
Buda Wastewater Treatment Plant	376,050,000	363,970,000	479,600,000	438,000,000	392,400,000
Crestview Subdivision WWTP	2,709,621	2,085,000	1,719,866	2,700,000	2,303,000
Lockhart Wastewater Reclamation System	453,960,000	395,550,000	413,360,000	474,570,000	474,570,000
Rural Utilities Division	186,300,000	186,300,000	199,500,000	190,000,000	230,000,000
Shadow Creek WWTP	43,000,000	46,700,000	54,790,000	58,000,000	60,800,000
Sunfield Wastewater Treatment Plant	19,020,000	23,210,000	43,610,000	64,240,000	54,020,000
<b>Water Sales Customers:</b>					
<b><i>Rice Irrigation First Crop (Acres)</i></b>					
Calhoun Canal System	1,917	2,306	1,532	1,850	800
<b><i>Water Delivered (Gal.)</i></b>					
Guadalupe Power Partners RWDS	661,040,000	680,145,000	816,222,100	950,233,000	1,227,300,000
IH 35 TWDS	1,099,745,000	1,238,920,000	1,374,663,000	1,258,398,000	1,295,981,000
Regional RWDS	4,093,251,000	4,281,180,000	4,295,695,000	4,294,897,000	4,312,274,000
<b>Power Sales:</b>					
<b><i>Total Generation (kWh)</i></b>					
Guadalupe Valley Hydroelectric Division	31,405,400	23,444,900	18,469,500	62,225,000	62,225,000
Canyon Hydroelectric Division	--	--	1,599	25,210,000	25,210,000

## Operating Statistics

Operating Statistics (cont.)	Actual			Budget	
	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
<b>Other Services:</b>					
<i>Annual Permits</i>					
Coletto Creek Regional Park	309	320	290	340	350
Lake Wood Recreational Park	27	30	23	28	21
<i>Camping Permits</i>					
Coletto Creek Regional Park	14,368	14,983	14,697	16,500	16,750
Lake Wood Recreational Park	4,914	5,403	4,932	5,183	4,758
<i>Cabin Permits</i>					
Coletto Creek Regional Park	985	1,072	1,009	1,100	1,200
<i>Day Use Permits</i>					
Coletto Creek Regional Park	17,503	18,377	16,825	19,000	19,500
Lake Wood Recreational Park	2,851	3,080	3,855	3,000	3,412
<i>Source: GBRA Comprehensive Annual Financial Report</i>					



## **Budget Process Overview**

### **Budget Preparation and Adoption**

The budget is a tool used to assist GBRA in projecting customer needs, financial standing, and opportunities for the upcoming Fiscal Year. Every employee is involved in the budget – whether it is in preparation, implementation, administration, or evaluation. The Finance and Administration department is ultimately responsible for the preparation and production of the budget. In order to ensure the budget is complete by the beginning of the Fiscal Year as set in the “By-laws,” the budget preparations begin at least six months prior to the end of the Fiscal Year. The Fiscal Year for GBRA begins on September 1 and ends August 31. Budget preparations begin with management meetings discussing goals, objectives, projects, interdepartmental labor transfers, and deadlines. The next three months involve the routing of various schedules between the 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.

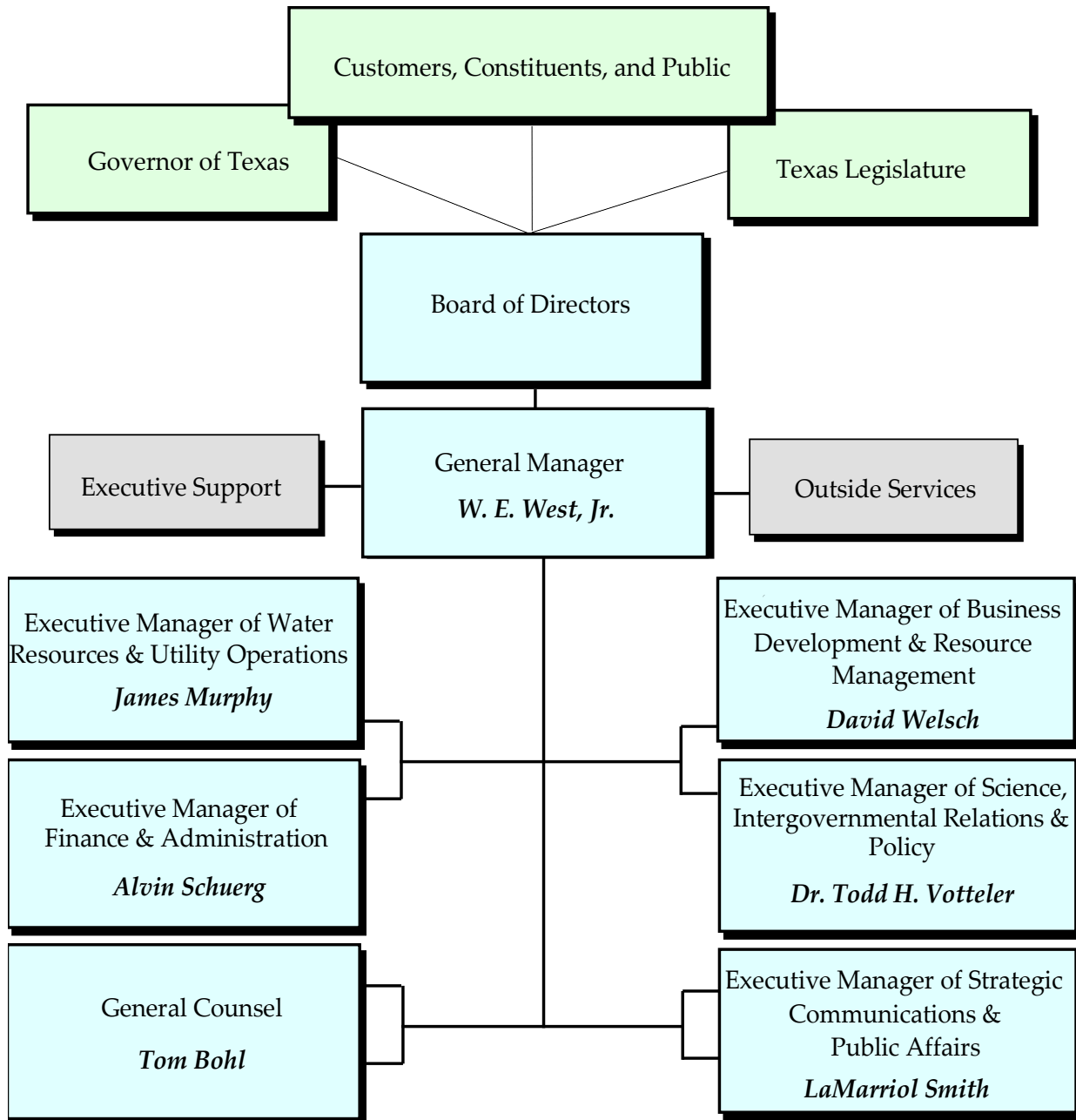
## Budget Calendar

<i>Date</i>	<i>Task</i>
<b>March 11</b>	Meeting to review General and Water Supply projects and other major work
<b>March 11</b>	Update budget forms will be available on computer network
<b>April 3</b>	Memos due for all divisions requesting tech. assist./inter-divisional transfers
<b>April 3</b>	Staffing and wage classifications due (without wages) for all departments and divisions
<b>April 10</b>	Breakdown of hours due for all departments and divisions
<b>April 10</b>	Schedule of Special Accounts due for General and Water Supply
<b>April 17</b>	Schedules, narratives, objectives, rates & 5 Year Capital Improvement Plan due for the following systems: General, Sunfield WWTP, Water Supply, Regional Lab, Buda WWTP, Coletto Creek Reservoir, Canyon Hydroelectric, Luling WTP, Lockhart WTP Lockhart WWTP
<b>May 1</b>	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
<b>May 22</b>	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, Coletto Creek Recreation
<b>Early June</b>	Meet with Executive Committee to discuss wages
<b>Early June</b>	Meet with Dow Chemical/Union Carbide to discuss pump station
<b>Mid June</b>	Meet with customers to discuss contractual budgets (including GVEC)
<b>NLT June 15</b>	Mail <i>Sunfield WWTP</i> budget to Sunfield MUD
<b>NLT June 15</b>	Mail <i>Coletto Creek Reservoir</i> budget to Coletto Power Group, LP
<b>NLT July 1</b>	Mail <i>Shadow Creek WWTP</i> budget to North Hays County MUD
<b>NLT July 1</b>	Mail <i>Buda WWTP</i> budget to City of Buda
<b>NLT July 1</b>	Mail <i>Canyon Hydro</i> budget to New Braunfels Utilities
<b>NLT July 1</b>	Mail <i>Lockhart WWTP &amp; WTP</i> budgets to the City of Lockhart
<b>Early July</b>	Technical committee meets to discuss Coletto Creek Reservoir budget
<b>Mid July</b>	Meet with NBU to discuss budget
<b>Mid July</b>	Meet with City Staffs of Luling, Lockhart, Port Lavaca, Schertz, and Buda
<b>NLT July 10</b>	Mail proposed budgets to GBRA Board members
<b>July 10</b>	Schedule of proposed salary increases due
<b>NLT July 15</b>	Mail <i>G.V. Hydroelectric</i> budget to GVEC (not a contract requirement)
<b>NLT July 15</b>	Mail <i>Northcliffe WWTP</i> budget to City of Schertz
<b>NLT July 15</b>	Mail <i>Springs Hill WWTP</i> budget to City of Seguin
<b>NLT July 15</b>	Mail <i>Singing Hills WWTP</i> budget to City of Bulverde
<b>NLT July 15</b>	Mail <i>Port Lavaca</i> budget to the City of Port Lavaca
<b>NLT July 15</b>	Mail <i>Calhoun County RW</i> budget to Rural Water Board
<b>NLT July 15</b>	Mail <i>Luling WTP</i> budget to the City of Luling
<b>July 15</b>	Review proposed budgets with GBRA Board
<b>Late July</b>	Meet with City of Port Lavaca to discuss budget
<b>Late July</b>	Meet with Pt. O'Connor MUD Board to discuss budget
<b>Late July</b>	Meet with Rural Water Board to discuss budget
<b>Late July</b>	Meet with Luling City Council
<b>Late July</b>	Meet with Lockhart City Council
<b>August 1</b>	Mail <i>Cordillera</i> budgets to Cordillera Ranch, LTD
<b>August 1</b>	Mail <i>Johnson Ranch</i> budgets to DH Investment
<b>August 19</b>	Board scheduled to approve 2016 budgets



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## GBRA Organizational Chart





# GBRA Board of Directors



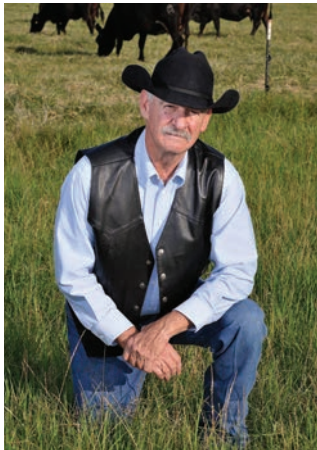
**Tommy Mathews, Chair**  
Kendall County  
Appointed 2011, Gov. Rick Perry



**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

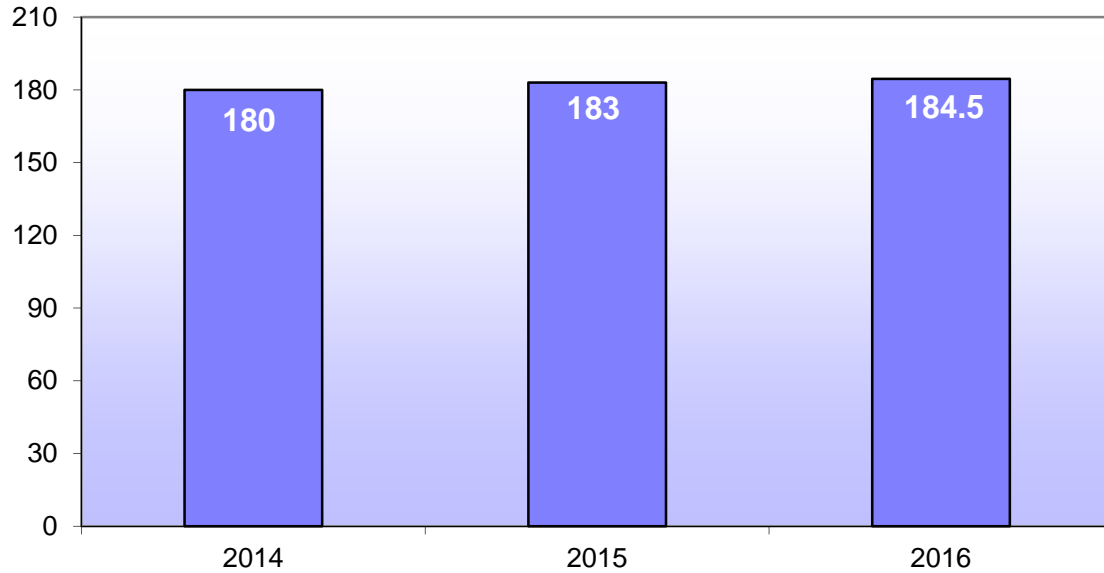
NAME	POSITION	TERM EXPIRES	COUNTY REPRESENTING
Tommy Mathews	Chair	2/1/15	Kendall
Rusty Brockman	Vice-Chair	2/1/17	Comal
Dennis L. Patillo	Sec/Treas	2/1/15	Victoria
Grace G. Kunde	Director	2/1/15	Guadalupe
Oscar H. Fogle	Director	2/1/17	Caldwell
Kenneth A. Motl	Director	2/1/17	Calhoun
William R. Carbonara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

### Management Team

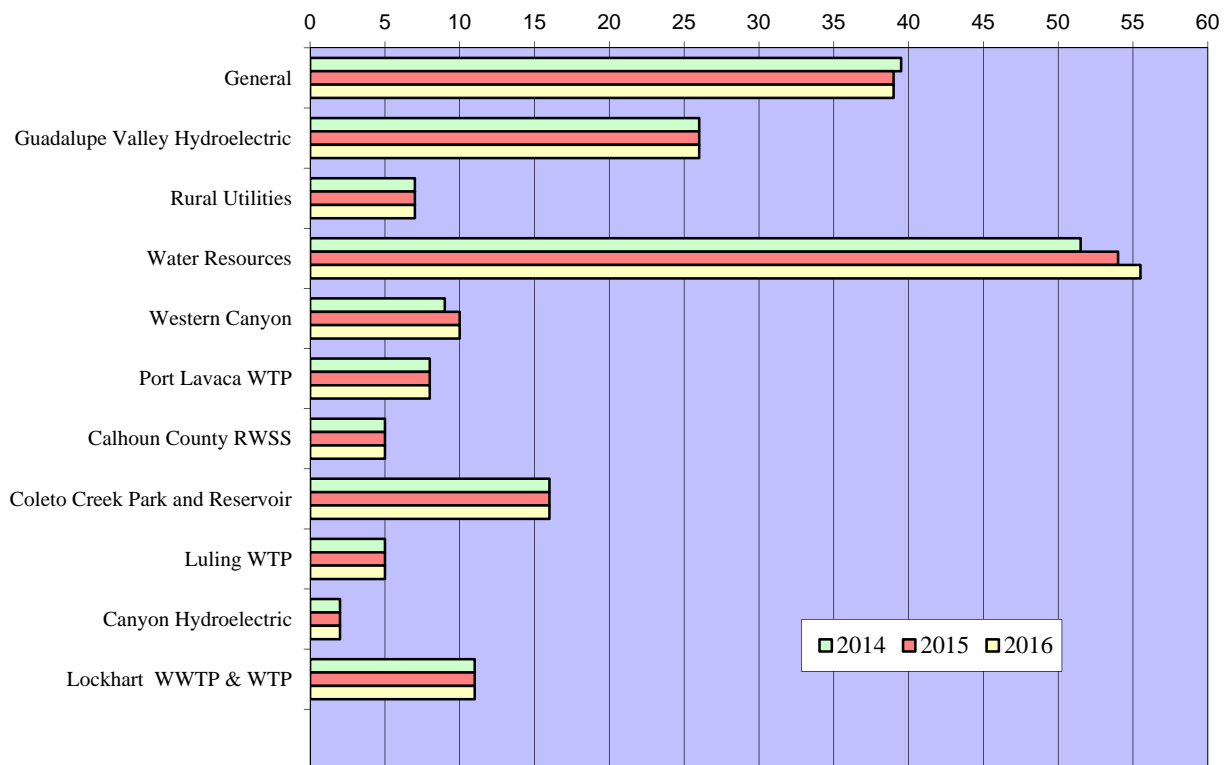
NAME	POSITION	YEARS SERVICE
<b>EXECUTIVE STAFF</b>		
William E. West, Jr.	General Manager	22
David M. Welsch	Executive Manager of Business Development & Resource Mgmt	43
Alvin Schuerg	Executive Manager of Finance & Administration	35
Dr. Todd H. Votteler	Executive Manager of Science, Intergov’t Relations & Policy	16
LaMarriol Smith	Executive Manager of Strategic Communications & Public Affairs	9
James Murphy	Executive Manager of Water Resources & Utility Operations	8
Tom Bohl	General Counsel	2
<b>MANAGEMENT STAFF</b>		
Vacant	Director of Project Development	-
Bryan Serold	Operations Manager – Lower Basin	40
Thomas Hill	Chief Engineer	40
John Smith	Operations Manager – Upper Basin	35
Mike Urrutia	Director of Water Quality Services	29
Gary Asbury	Manager of Project Engineering	16
Barbara Gunn	Human Resource Manager	14
<b>Total Years of Service</b>		<b>309</b>

## Staffing Summary

### Total Authorized Positions by Year



### Authorized Positions by Division





## Staffing Summary

Division	# of Authorized Positions (FTE)			Increase/ (Decrease)	# of FTE Positions Unfunded
	2014	2015	2016		
General	39.5	39	39	0	9
Guadalupe Valley Hydroelectric	26	26	26	0	3
Rural Utilities	7	7	7	0	0
Water Resources	51.5	54	55.5	1.5	6
Western Canyon	9	10	10	0	0
Port Lavaca WTP	8	8	8	0	0
Calhoun County RWSS	5	5	5	0	1
Coletto Creek Park and Reservoir	16	16	16	0	1.5
Luling WTP	5	5	5	0	0
Canyon Hydroelectric	2	2	2	0	0
Lockhart WWTP & WTP	11	11	11	0	4
<b>Total</b>	<b>180</b>	<b>183</b>	<b>184.5</b>	<b>1.5</b>	<b>24.5</b>

### Changes from FY 2014 to FY 2015

- 1-Intern position was removed from the General Division.
- 1-P/T Administrative Technical Specialist was added to the General Division.
- 1-Water Quality Technician position was added to Water Sales.
- 1-Project Coordinator position was added to Water Sales.
- 1-P/T Seasonal Ranger position was added to Water Sales.
- 1-P/T Water Quality Specialist was added to Water Sales.
- 1-P/T Lab Assistant position was removed from the Regional Lab.
- 1-Operator position was added for the Western Canyon Division.
- \* Webmaster position changed to Web/Application Developer (General)
- \* Administrative Services Assistant changed to Office Assistant (Water Sales)
- \* Administrative Assistant changed to Administrative Technical Specialist (Regional Lab)

### 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

### Unfunded Positions in FY16:

**General Division:** Technical Consultant II, Project Manager, 4-Construction Inspectors, Accounting Assistant I, Maintenance Technician, and an Intern; **GV Hydroelectric Division:** Maintenance Supervisor II, 2-Maintenance Crew; **Water Resource Division:** 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.; **Rural Water:** Senior Operator; **Coletto Creek Division:** Reservoir-Maintenance Crew and P/T Maintenance Crew; **Lockhart Division:** WWTP-Operator I; WTP-Chief Operator , Operator II and Operator I

## Authorized Spending Levels

### Budgeted Purchases

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

Up to \$25,000	
Chief Engineer	Exec. Director of Guadalupe-Blanco River Trust
Project & Community Representative	Exec. Director of SA Bay Foundation
Director of Project Development	Human Resources Manager
Director of Water Quality Services	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	Port Lavaca Operations Manager

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 – Coletto Creek Park	

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

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

## Authorized Spending Levels

### Non-Budgeted Purchases

Over \$5,000	
General Manager	Executive Manager of Science, Intergovernmental Relations & Policy
Executive Manager of Business Development & Resource Management	Manager of Water Resources & Utility Operations
Executive Manager of Finance & Administration Executive	Executive Manager of Strategic Communications & Public Affairs
General Counsel	

Up to \$5,000	
Chief Engineer	Exec. Director of Guadalupe-Blanco River Trust
Project & Community Representative	Exec. Director of SA Bay Foundation
Director of Project Development	Human Resources Manager
Director of Water Quality Services	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	Port Lavaca Operations Manager

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 – Coleta 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
<b>GENERAL DIVISION</b>	
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
Investment Manager	8
IT Manager	8
Project Manager	8
Web/Application Developer	8
Environmental Education Administrator	7
Projects & Publications Specialist	7
Board Relations & Publications Specialist	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 (P/T)	4
Customer Service Assistant II	4
Maintenance Technician	4
Utility Accounts Assistant	4
Administrative Technical Specialist (P/T)	3
Customer Service Assistant I	3
Public Communications Assistant	3
Records Clerk	3
Intern	N/A

STAFFING AND COMPENSATION TABLES (Continued)

POSITION	PAY GRADE
<b>GUADALUPE VALLEY HYDROELECTRIC DIVISION</b>	
Division Manager – Guadalupe/Gonzales Counties	11
Assistant Division Manager	10
Maintenance Supervisor II	8
Maintenance Supervisor II	8
Electrical/Instrumentation Technician	7
Electrical/Instrumentation Technician	7
Electrical/Instrumentation Technician	7
Maintenance Supervisor I	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
Plant Attendant	4
Maintenance Crew	3
Maintenance Crew	3
Maintenance Crew	3
Maintenance Crew	3
Maintenance Crew	3
Maintenance Crew	3

POSITION	PAY GRADE
<b>RURAL UTILITIES DIVISION - SHADOW CREEK WWTP</b>	
Chief Operator	8
Operator I	2
<b>RURAL UTILITIES DIVISION – RUD WWTP SYSTEMS</b>	
Chief Operator	8
Operator II	3
Operator II	3
Operator I	2
Operator I	2

STAFFING AND COMPENSATION TABLES (Continued)

POSITION	PAY GRADE
<b>WATER RESOURCES DIVISION - WATER SALES</b>	
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 – 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
Project & Community Representative	9
Regional Representative	8
SCADA Administrator	8
Assistant Chief Ranger	7
Hydrologist/Technician (P/T)	7
Operations Assistant	6
Project Coordinator	6
Water Quality Technician II	6
Engineering & Water Quality Assistant	5
Natural Resource Specialist	5
Water Quality Technician I	4
Administrative Assistant	3
Park Ranger	3
Office Assistant (P/T)	1
Seasonal Ranger	1
Social Media/Community Relations Specialist	*
Water Quality Specialist (P/T)	*
<b>WATER RESOURCES DIVISION - REGIONAL LAB</b>	
Regional Laboratory Director	10
Quality Assurance Officer I	7
Laboratory Technician III	5
Laboratory Technician II	4
Laboratory Technician II	4
Laboratory Technician II	4
Sample Custodian/Lab Tech I	3
Administrative Technical Specialist (P/T)	3
Lab Assistant (P/T)	*

STAFFING AND COMPENSATION TABLES (Continued)

POSITION	PAY GRADE
<b>WATER RESOURCES DIVISION - CALHOUN CANAL</b>	
Port Lavaca Operations Manager	11
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
<b>WATER RESOURCES DIVISION - SAN MARCOS WTP</b>	
Plant Manager	10
Chief Operator	8
Operator II	3
Operator II	3
Operator II	3
Operator II	3
Operator II	3
Operator II	3
Operator II	3
<b>WATER RESOURCES DIVISION - BUDA WWTP</b>	
Chief Operator	8
Operator IV	5
Operator II	3

POSITION	PAY GRADE
<b>WESTERN CANYON DIVISION</b>	
Plant Manager	10
Electrical/Instrumentation Technician	7
Senior Operator	6
Distribution/Plant Operator III	4
Distribution/Plant Operator III	4
Operator III	4
Distribution/Plant Operator II	3
Operator II	3
Operator II	3
Operator I	2



STAFFING AND COMPENSATION TABLES (Continued)

POSITION	PAY GRADE
<b>PORT LAVACA WTP DIVISION</b>	
Chief Operator	8
Maintenance Technician	6
Secretary	6
Operator IV	5
Maintenance Chief	4
Operator III	4
Operator II	3
Operator II	3

POSITION	PAY GRADE
<b>CALHOUN COUNTY RWS DIVISION</b>	
Chief Operator	8
Senior Operator	6
Maintenance Operator	3
Assistant Secretary	2
Maintenance Operator I	2

POSITION	PAY GRADE
<b>COLETO CREEK DIVISION - RESERVOIR</b>	
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
<b>COLETO CREEK DIVISION – RECREATION</b>	
Chief Ranger	9
Reservoir Ranger I	4
Reservoir Ranger I	4
Reservoir Ranger I	4
Reservoir Ranger I	4
Reservoir Ranger I	4
Administrative Assistant	3
Reservoir Ranger II	3
Seasonal Ranger	1

STAFFING AND COMPENSATION TABLES (Continued)

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

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

POSITION	PAY GRADE
<b>LOCKHART DIVISION – LOCKHART WWTP</b>	
Lockhart Operations Manager	9
Operator IV	5
Operator III	4
Operator II	3
Operator I	2
<b>LOCKHART DIVISION – LOCKHART WTP</b>	
Chief Operator	8
Operator II	3
Operator II	3
Operator II	3
Operator I	2
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	\$13.41	\$21.46
2	\$14.62	\$23.40
3	\$15.94	\$25.51
4	\$17.37	\$27.80
5	\$18.94	\$30.29
6	\$20.64	\$33.03
7	\$22.50	\$36.01
8	\$51,012	\$81,618
9	\$55,604	\$88,964
10	\$60,607	\$96,972
11	\$66,062	\$105,697
12	\$72,668	\$116,269
13	\$79,935	\$127,895
14	\$87,929	\$140,685
15	\$96,721	\$154,753
Executive	Set by Board or General Manager	

## **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.

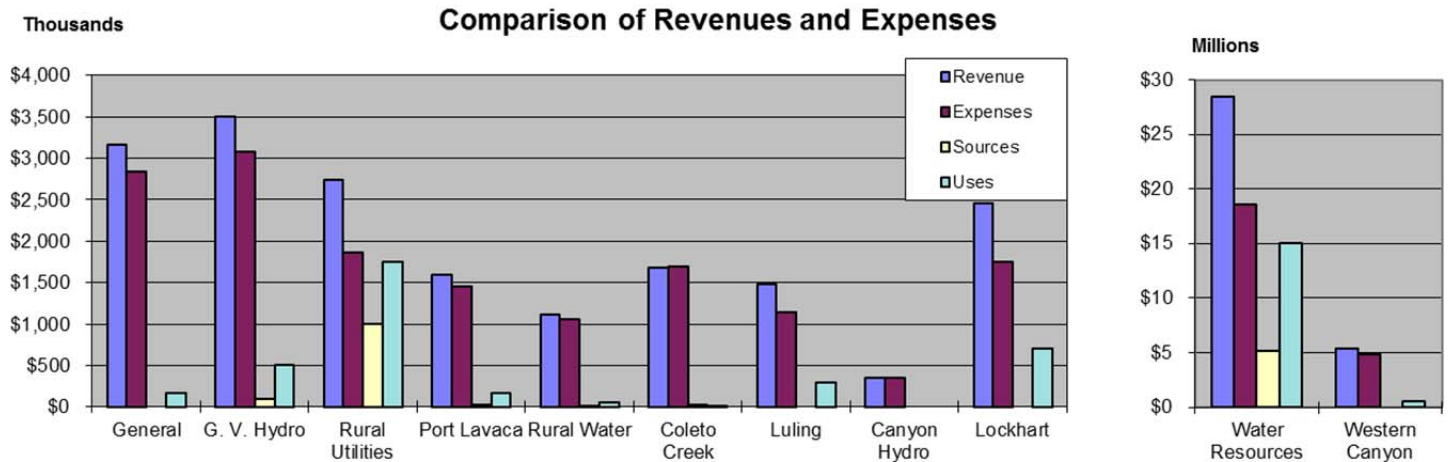
### **Revenue Summary**

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 only through the provision of these services that GBRA earns the necessary revenue to support its operations.

The table and graph on the following page give an overview of GBRA's financial outlook for budget year 2016.

## Financial Summary

Division	Guadalupe-Blanco River Authority				
	Revenue	Expenses	Funds		Change in Fund Balance
			Sources	Uses	
General	3,168,603	2,833,192	--	159,760	175,651
G. V. Hydro	3,498,020	3,082,188	98,500	512,170	2,162
Rural Utilities	2,741,098	1,857,622	1,005,000	1,755,007	133,469
Water Resources	28,464,303	18,527,653	5,158,526	15,070,018	25,158
Western Canyon	5,405,538	4,797,877	--	527,000	80,661
Port Lavaca	1,594,301	1,459,235	25,000	160,006	60
Rural Water	1,107,041	1,061,405	4,500	50,000	136
Coletto Creek	1,682,934	1,689,688	21,800	15,000	46
Luling	1,476,491	1,140,662	--	290,835	44,994
Canyon Hydro	351,091	351,091	--	--	--
Lockhart	2,453,685	1,749,844	--	703,781	60
	51,943,105	38,550,457	6,313,326	19,243,577	462,397



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 to meet the short-term water needs of parts of 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 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.

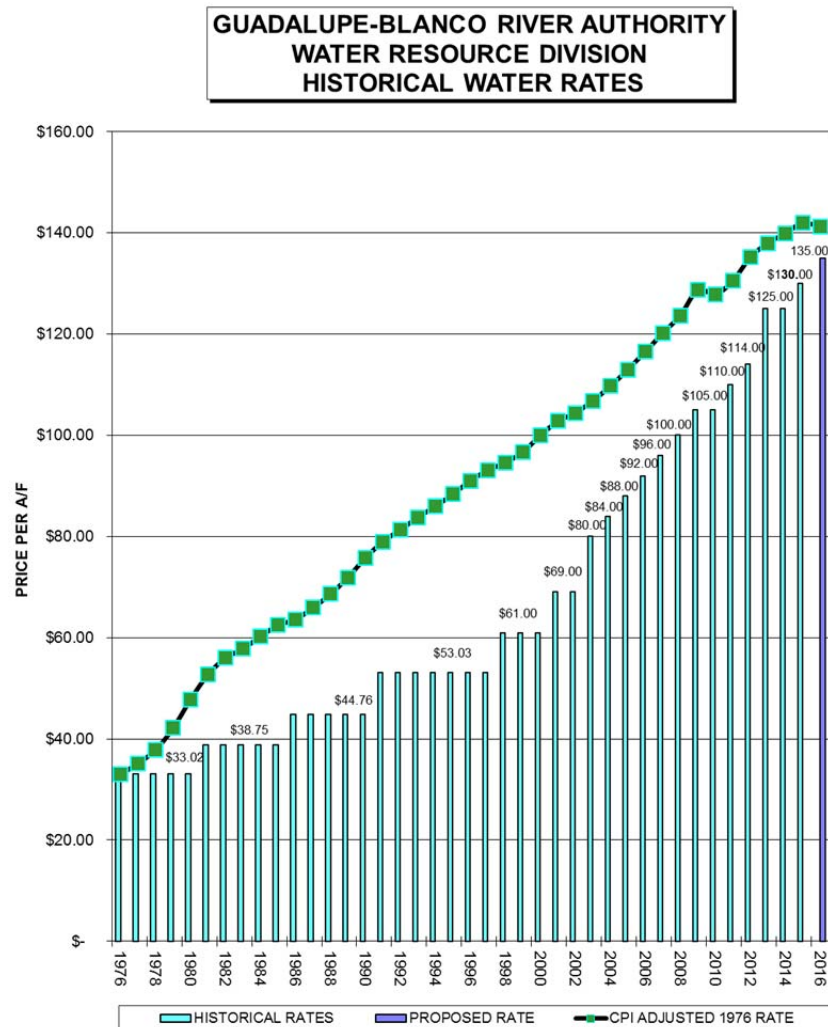
GBRA is developing or has developed several new water supply projects to help meet these needs. One of these new projects, the Western Canyon Project, was completed in 2006 and provides a 10.0 MGD treated water supply system for the Cities of Boerne, Fair Oaks Ranch, and San Antonio, as well as other 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 water sources that are currently being evaluated for the project include both surface water and ground water emanating generally from the Gonzales County region of the District. 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. 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. Most of the construction costs of the new wastewater plants, approximately \$3,318,000, occurred during FY 2009 and was principally funded 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 is budgeted for another expansion during FY 2016 for approximately \$1,051,000 in order to service a new commercial development area near the Plant. 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 out of the Canyon Reservoir has required GBRA to expend a great deal of time in the evaluation of additional, alternative 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 \$5.00 or 3.8% to \$135 per acre-foot per year (AF).



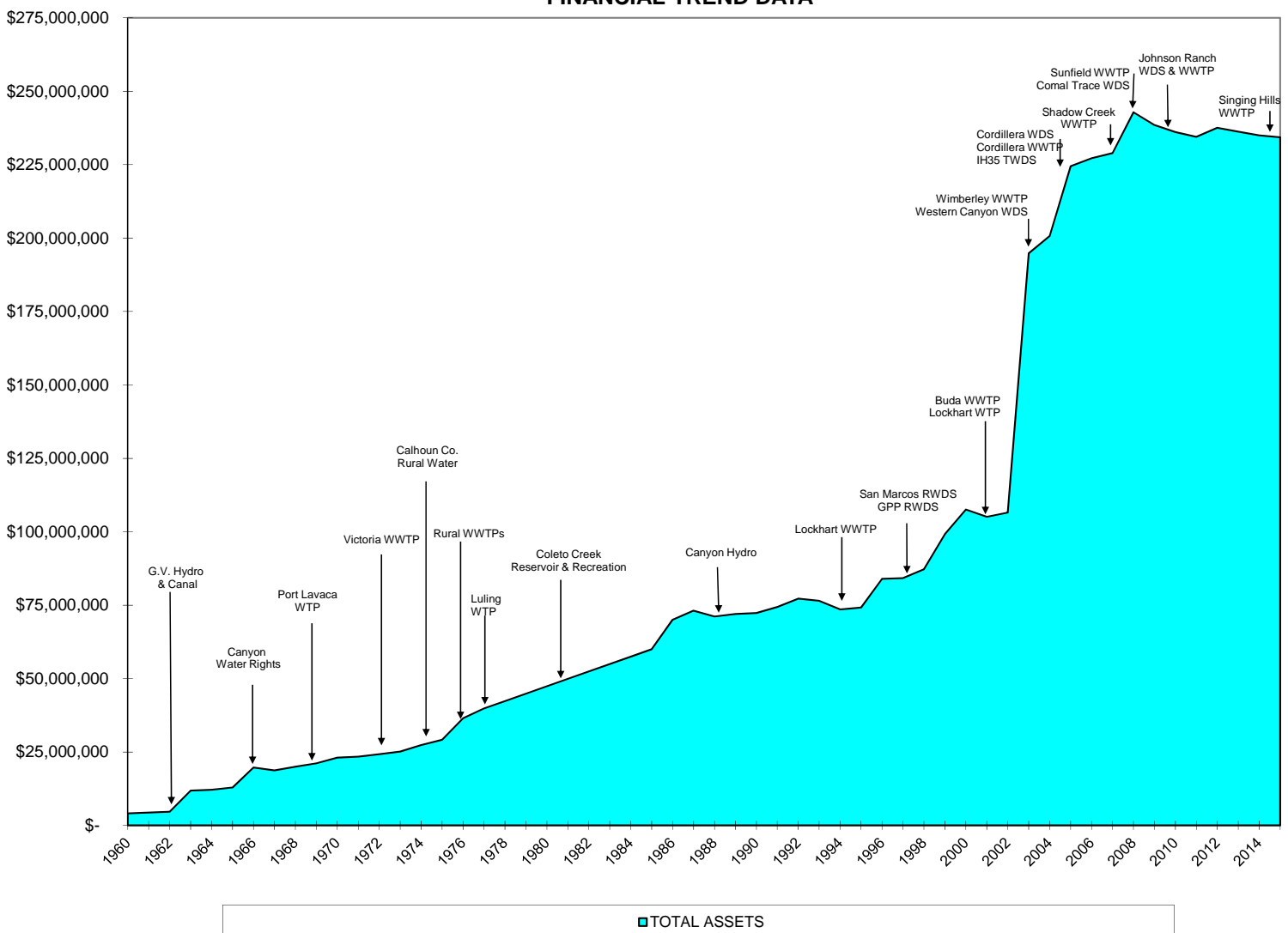


## Financial Trend

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 will operate this plant on behalf of Bulverde and treat waste generated by the new Singing Hills development.

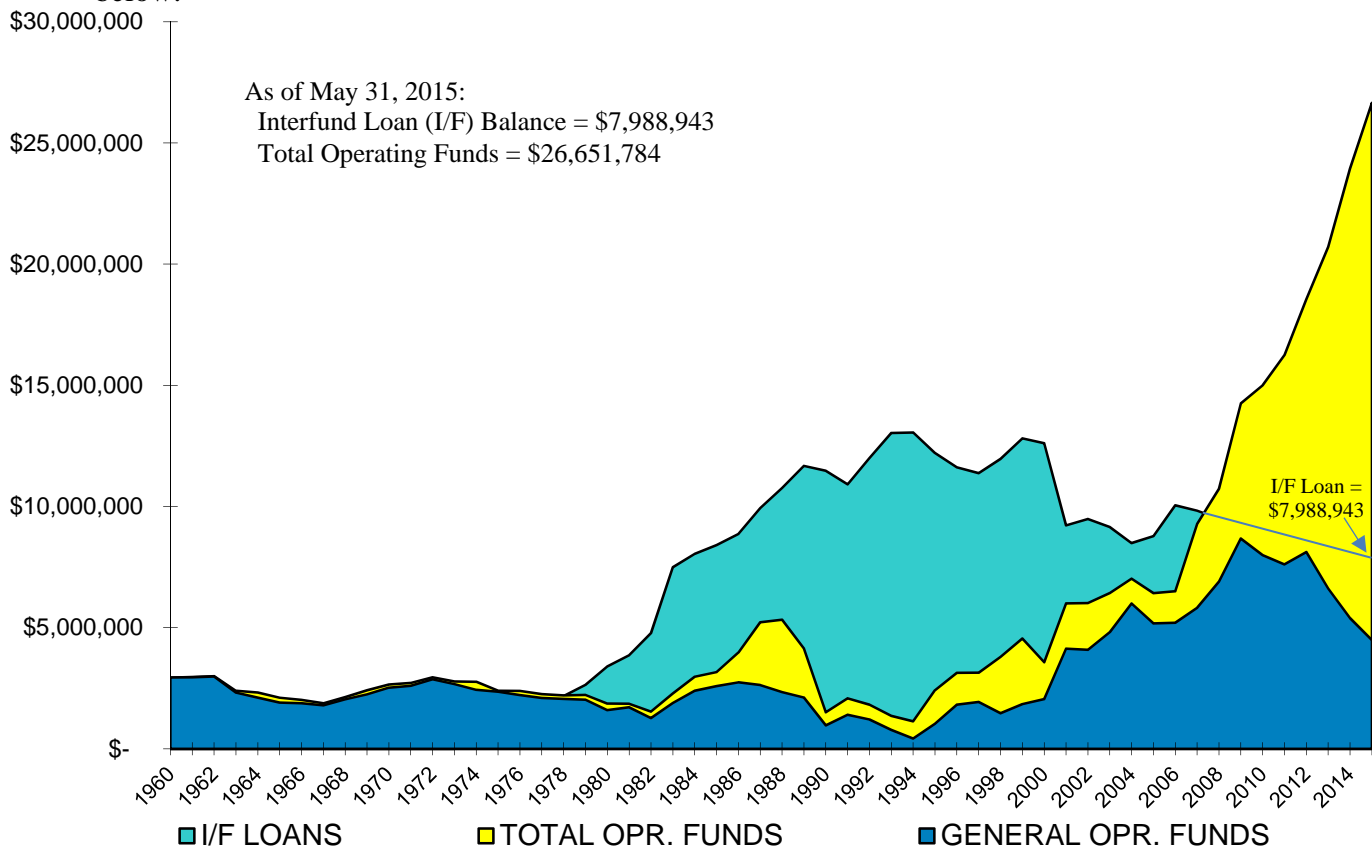
Operations that have been discontinued in the last 50 years include the operation of the City of Victoria wastewater plants on January 1, 2011 and the Wimberley WWTP in 2012. The loss of these two latter operations is the principal reason for the slight decline in total assets during the last few years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

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



### Financial Reserve Data

GBRA has been able to accumulate some cash reserves mainly within the General and Water Resource Divisions over time. 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 are for the other GBRA operations where the customer pays for some type of service based on a unit of measure at a rate approved by the GBRA Board of Directors. 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:

<b>Budget-to-Actual Operations:</b>	<b>Principal Customers</b>	<b>County</b>
Northcliffe Wastewater Treatment Plant	City of Schertz	Guadalupe
Sunfield Wastewater Treatment Plant	Sunfield MUD #4	Hays
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
Coletto Creek Reservoir	Coletto 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

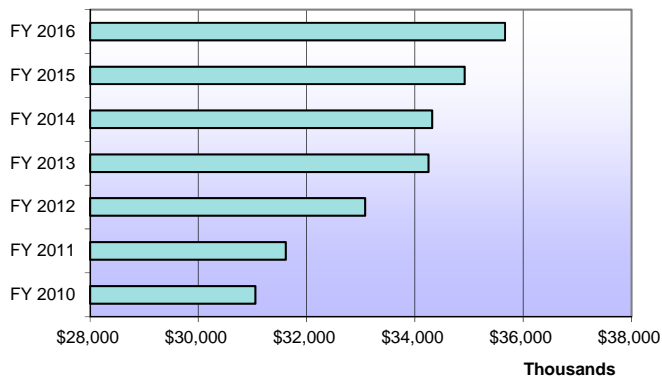
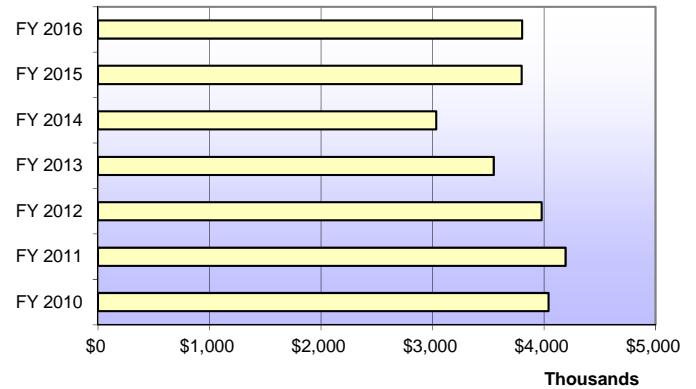
<b>Unit of Service Operations:</b>	<b>Principal Customers</b>	<b>County</b>
General Division	GBRA Systems	Guadalupe
Guadalupe Valley Hydroelectric Division	Guadalupe Valley Electric Coop.	Guadalupe/Gonzales
Shadow Creek Wastewater Treatment Plant	Residential Customers	Hays
Canyon Park Wastewater Reclamation 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
Coletto 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.

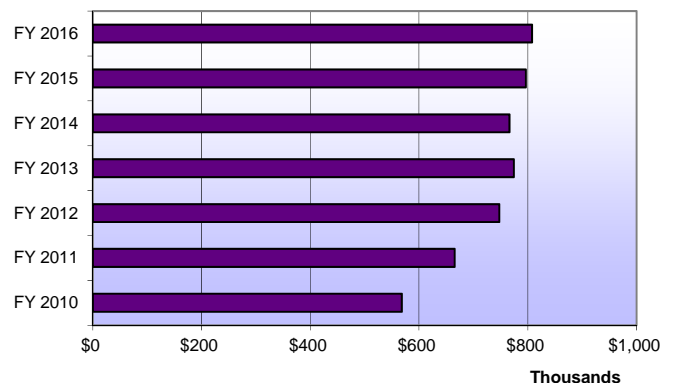


### Water Sales and Lake Operations

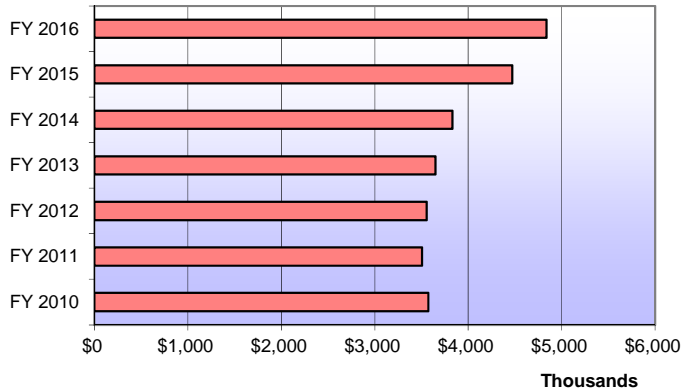
Water Sales and Lake Operations revenues are derived from the sale of raw and treated water to customers throughout the river basin. These have generally increased over the past seven years due to the demand for more water; the initiation of new water projects such as the Western Canyon, Luling-to-Lockhart,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

### Recreation and Land Use

Coletto 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 38,127 permits in 2010 to an anticipated 45,991 permits in 2016.



### Historical Operating Revenues

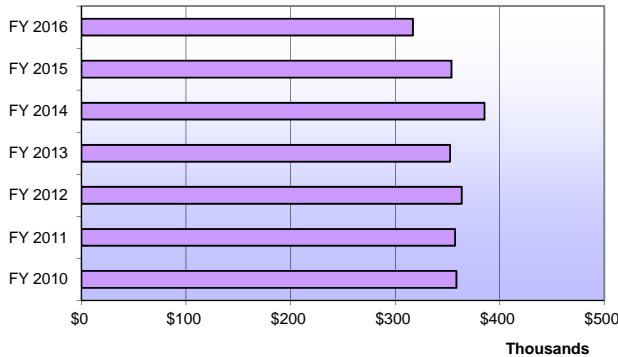
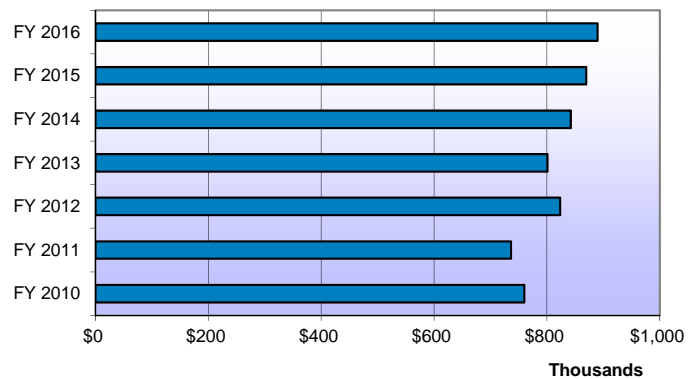


#### Wastewater Services

The treatment of wastewater has decreased from 3,752,316/M gal. in 2010 to a projected 1,214,093/M gal. in 2016 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.

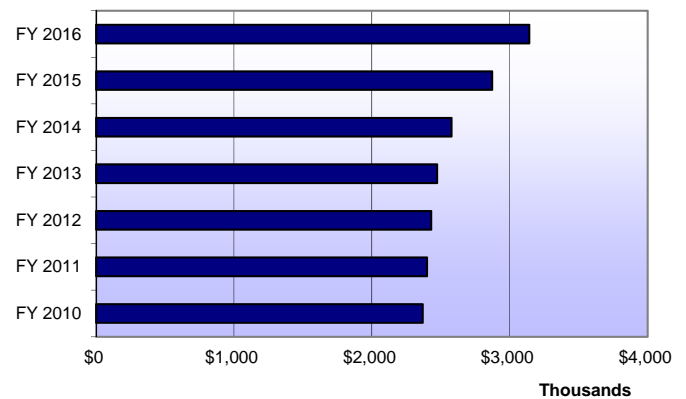


#### Rentals

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

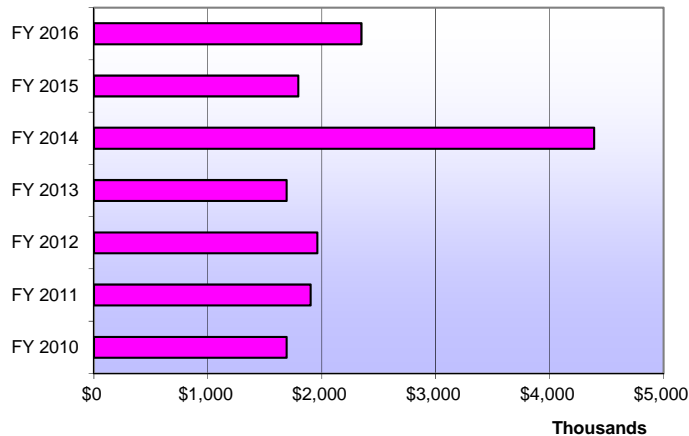
#### Administrative and General

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 2016.





## 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

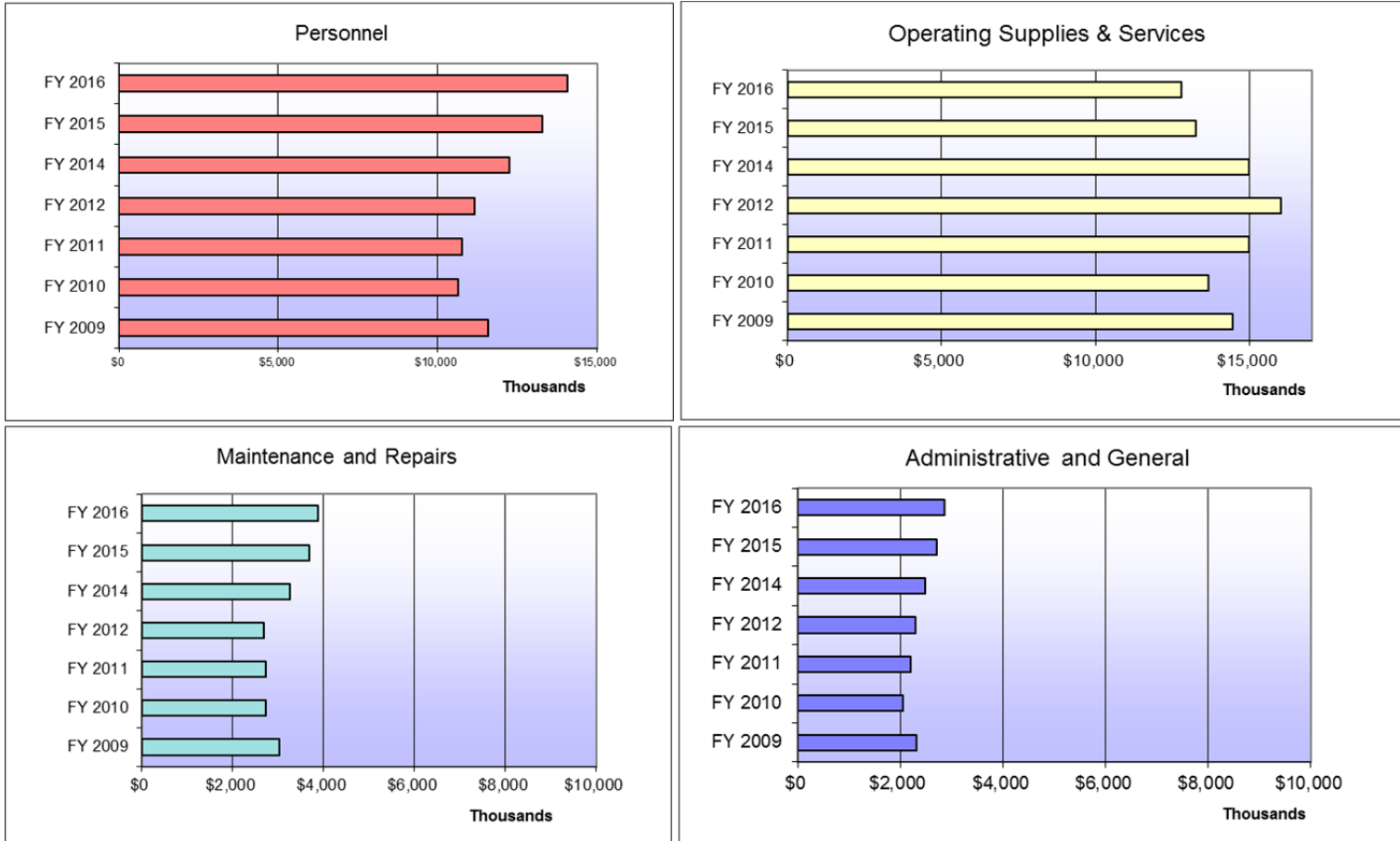
The following table identifies the revenue trends over the last seven years for all of GBRA's operations:

Revenues	FY 2010 Actual	FY 2011 Actual	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Power Sales	4,040,510	4,192,271	3,979,015	3,548,940	3,032,418	3,799,348	3,803,316
Water Sales & Lake Operations	31,054,841	31,615,930	33,081,820	34,252,743	34,316,750	34,922,232	35,666,612
Recreation & Land Use	568,247	665,450	747,666	774,504	766,399	796,160	807,589
Wastewater Services	3,572,889	3,506,109	3,556,848	3,649,643	3,830,672	4,470,586	4,839,362
Laboratory Services	759,958	736,451	823,466	800,922	842,643	870,000	890,000
Rentals	358,802	357,296	363,753	352,642	385,494	353,990	317,083
Administrative & General	2,368,385	2,399,623	2,431,049	2,473,872	2,577,174	2,873,918	3,142,983
Miscellaneous Income	1,690,529	1,901,369	1,961,375	1,691,432	4,391,862	1,793,874	2,347,586
<b>Total</b>	<b>44,414,161</b>	<b>45,374,500</b>	<b>46,944,992</b>	<b>47,544,698</b>	<b>50,143,412</b>	<b>49,880,107</b>	<b>51,814,531</b>





## 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 2009 Actual	FY 2010 Actual	FY 2011 Actual	FY 2012 Actual	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Personnel	11,586,707	10,636,153	10,781,191	11,165,078	12,246,705	13,283,555	14,078,959
Operating Supplies & Services	14,439,058	13,646,140	14,979,173	16,018,077	14,976,608	13,244,346	12,780,448
Maintenance and Repairs	3,024,546	2,734,894	2,720,073	2,693,772	3,264,615	3,688,177	3,887,138
Administrative and General	2,308,258	2,056,636	2,206,478	2,286,729	2,481,528	2,704,613	2,868,938
<b>Total</b>	<b>31,358,567</b>	<b>29,073,822</b>	<b>30,686,915</b>	<b>32,163,656</b>	<b>32,969,456</b>	<b>32,920,691</b>	<b>33,615,483</b>



## Rates and Rate Structures

GENERAL DIVISION	2014 Actual	2015 Actual	2016 Budget	Unit of Measure	% Change	Effective Date
Administrative & General Charge	33%	33%	33%	%	-	Sep 01
Benefit Rate	40.50%	40.50%	40.50%	%	-	Sep 01
GUADALUPE VALLEY HYDRO DIVISION	2014 Actual	2015 Actual	2016 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	2014 Actual	2015 Actual	2016 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%	month fee	-	Sep 01
Trucked Wastewater	\$60.00	\$60.00	\$60.00	1,000 gal	-	Sep 01
<b>Shadow Creek WWTP:</b>						
Monthly Sewer Rate	\$36.00	\$36.00	\$36.00	LUE	-	Oct 01
<b>Canyon Park WWRs:</b>						
1. Tap Fee	\$1,450.00	\$5,000.00	\$5,000.00	connection	-	Oct 01
2. Monthly Sewer Rate:						
Condos, Houses & Laguna Park Units	\$44.00	\$46.00	\$48.00	LUE	4%	Oct 01
3. Monthly Sewer Rate: Car Wash	\$88.00	\$92.00	\$96.00	LUE	4%	Oct 01
<b>Dunlap WWRs:</b>						
1. Tap Fee: Legends Pond, Long Creek (The Bandit), NBISD, River Bend, Southbank	\$2,577	\$2,577	\$2,577	connection	-	Oct 01
Tap Fee: White Wing line/area	\$5,477	\$5,477	\$5,477	connection	-	Oct 01
Tap Fee: New customers connects via Legends Lift Station	\$5,977	\$5,977	\$5,977	connection	-	Oct 01
Tap Fee: Oasis line/area	\$6,377	\$6,377	\$6,377	connection	-	Oct 01
Tap 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	\$48.00	\$50.00	\$50.00	LUE	-	Oct 01
<b>Springs Hill WWRs:</b>						
City of Seguin Treatment Fee	\$6.62	\$6.97	\$6.97	1,000 gal	-	Sep 01
WATER RESOURCES DIVISION	2014 Actual	2015 Actual	2016 Budget	Unit of Measure	% Change	Effective Date
<b>Raw Water:</b>						
Firm Water	\$125.00	\$130.00	\$135.00	AFY	4%	Oct 01
Recreation Rate	\$26.61	\$26.61	\$26.61	AFY	-	Oct 01
Out-of-District Charge x Consumer Price Index Change	\$34.88	\$35.27	\$35.64	AFY	1%	Oct 01
<b>Regional RWDS:</b>						
O&M Rate	\$0.177	\$0.196	\$0.213	1,000 gal	9%	Oct 01
Capacity Rate	\$105.77	\$105.77	\$105.77	gpm/yr	-	Oct 01
<b>Guadalupe Power Partners RWDS:</b>						
O&M Rate	\$0.447	\$0.449	\$0.454	1,000 gal	1%	Oct 01

**Note:** Rate changes for new budget year are highlighted; % change is from 2015 actual to 2016 budget year.



## Rates and Rate Structures

<b>WATER RESOURCES DIVISION (cont.)</b>	<b>2014 Actual</b>	<b>2015 Actual</b>	<b>2016 Budget</b>	<b>Unit of Measure</b>	<b>% Change</b>	<b>Effective Date</b>
<b><u>IH 35 Project:</u></b>						
WTP O&M Rate (COSM Rate plus 15%)	\$0.51	\$0.46	\$0.48	1,000 gal	4%	Oct 01
TWDS O&M Rate	\$0.279	\$0.259	\$0.307	1,000 gal	19%	Oct 01
Capacity Rate	\$0.306	\$0.306	\$0.306	1,000 gal	-	Oct 01
<b><u>Nolte Island Park:</u></b>						
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
<b><u>Meadow Lake Leases:</u></b>						
Site #1 - Homeowner's Assoc. Lot	\$150.00	\$150.00	\$150.00	site	-	Sep 01
Site #2-13	\$800.00	\$1,000.00	\$1,200.00	site	20%	Sep 01
<b><u>Regional Laboratory:</u></b>						
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	per report	NEW	Sep 01
Data Transfer Fee	--	--	\$26.00	per transfer	NEW	Sep 01
Alkalinity-Total	\$24.00	\$25.00	\$26.00	test	4%	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	\$56.00	\$58.00	\$60.00	test	3%	Sep 01
Conductivity	\$13.00	\$13.00	\$14.00	test	8%	Sep 01
Demands-BOD (5 day)	\$34.00	\$35.00	\$35.00	test	-	Sep 01
Demands-BOD (filtered)	\$35.00	\$36.00	\$36.00	test	-	Sep 01
Demands-CBOD (5 day)	\$36.00	\$37.00	\$37.00	test	-	Sep 01
Demands-COD	\$37.00	\$38.00	\$38.00	test	-	Sep 01
Demands-DO (electrode)	\$11.00	\$11.00	\$12.00	test	9%	Sep 01
Ion Chromatography-Chloride	\$23.00	\$24.00	\$24.00	test	-	Sep 01
Ion Chromatography-Chlorite	\$35.00	\$36.00	\$37.00	test	3%	Sep 01
Ion Chromatography-Fluoride	\$27.00	\$28.00	\$28.00	test	-	Sep 01
Ion Chromatography-Nitrate	\$27.00	\$28.00	\$28.00	test	-	Sep 01
Ion Chromatography-Nitrite	\$27.00	\$28.00	\$28.00	test	-	Sep 01
Ion Chromatography-Ortho-Phosphorus	\$28.00	\$28.00	\$30.00	test	7%	Sep 01
Ion Chromatography-Sulfate	\$23.00	\$24.00	\$24.00	test	-	Sep 01
Micro-E coli (18 hr. Colilert)	\$27.00	\$29.00	\$30.00	test	3%	Sep 01
Micro-E coli-EPA	\$95.00	\$100.00	\$120.00	test	20%	Sep 01
Micro-Fecal Coliform/E.coli	\$25.00	\$27.00	\$30.00	test	11%	Sep 01
Micro-Fecal Coliform for sludges	--	\$50.00	\$55.00	test	10%	Sep 01
Micro-Fecal Coliform Geomean	--	\$80.00	\$85.00	test	6%	Sep 01
Micro-Heterotrophic Plate Counts	\$38.00	\$39.00	\$40.00	test	3%	Sep 01
Micro-Total Coliform	\$22.00	\$24.00	\$25.00	test	4%	Sep 01

**Note:** Rate changes for new budget year are highlighted; % change is from 2015 actual to 2016 budget year.



## Rates and Rate Structures

<b>WATER RESOURCES DIVISION (cont.)</b>	<b>2014 Actual</b>	<b>2015 Actual</b>	<b>2016 Budget</b>	<b>Unit of Measure</b>	<b>% Change</b>	<b>Effective Date</b>
Nutrients-Ammonia Nitrogen-Distilled	\$30.00	\$32.00	\$33.00	test	3%	Sep 01
Nutrients-Ammonia Nitrogen-Non-distilled	\$27.00	\$28.00	\$29.00	test	4%	Sep 01
Nutrients-Total Kjeldahl Nitrogen-TKN	\$47.00	\$49.00	\$50.00	test	2%	Sep 01
Nutrients-Total Phosphorus	\$30.00	\$32.00	\$34.00	test	6%	Sep 01
Oil and Grease	\$60.00	\$64.00	\$64.00	test	-	Sep 01
pH	\$13.00	\$13.00	\$14.00	test	8%	Sep 01
Solids Analysis-TSS	\$24.00	\$25.00	\$25.00	test	-	Sep 01
Solids Analysis-VSS	\$24.00	\$25.00	\$25.00	test	-	Sep 01
Solids-Total Dissolved Solids	\$25.00	\$27.00	\$28.00	test	4%	Sep 01
Solids-Total Solids	\$25.00	\$26.00	\$26.00	test	-	Sep 01
Solids-Volatile Residue-VS	\$25.00	\$26.00	\$27.00	test	4%	Sep 01
Sludge Oxygen Uptake Rate (SOURS)	\$55.00	\$57.00	\$58.00	test	2%	Sep 01
Temperature	\$11.00	\$11.00	\$12.00	test	9%	Sep 01
Total Hardness	\$28.00	\$29.00	\$30.00	test	3%	Sep 01
Total Organic Carbon (TOC)	\$44.00	\$45.00	\$45.00	test	-	Sep 01
Total Organic Carbon-Dissolved	\$45.00	\$46.00	\$46.00	test	-	Sep 01
Total Residual Chlorine	\$13.00	\$14.00	\$15.00	test	7%	Sep 01
Turbidity	\$17.00	\$18.00	\$19.00	test	6%	Sep 01

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

### Lake Wood Recreation Area:

Island Lots	\$580.00	\$610.00	\$640.00	year	5%	Sep 01
Guest Parking for Lessees (2 days)	\$7.00	\$7.00	\$7.00	2 days	-	Sep 01
Annual Permit (Lake Wood & Coletto Creek)	\$140.00	\$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	\$7.00	\$8.00	vehicle	14%	Sep 01
Day Use: Individual Entrance Fee	\$2.00	\$2.00	\$2.00	person	-	Sep 01
<b>Overnight Camping Fees:</b>						
Tent Camper	\$22.00	\$22.00	\$23.00	night	5%	Sep 01
RV/Trailer (30 amp) – Daily	\$27.00	\$27.00	\$28.00	night	4%	Sep 01
RV/Trailer (30 amp) - Weekly (Apr 1-Sep 30)	\$147.00	\$147.00	\$154.00	week	5%	Sep 01
RV/Trailer (30 amp) - Weekly (Oct 1-Mar 31)	\$126.00	\$126.00	\$133.00	week	6%	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)	\$26.00	\$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 2015 actual to 2016 budget year.**



## Rates and Rate Structures

WATER RESOURCES DIVISION (cont.)	2014 Actual	2015 Actual	2016 Budget	Unit of Measure	% Change	Effective Date
<b><u>Calhoun Canal System:</u></b>						
Irrigation Rates						
Rice – 1 <sup>st</sup> Crop	\$125.00	\$130.00	\$130.00	acre	-	Oct 01
Rice – 2 <sup>nd</sup> Crop	\$50.00	\$50.00	\$50.00	acre	-	Oct 01
Row Crop	\$38.00	\$40.00	\$45.00	acre	13%	Oct 01
Pasture	\$38.00	\$40.00	\$45.00	acre	13%	Oct 01
Crawfish Pond	\$80.00	\$85.00	\$90.00	acre	6%	Oct 01
Waterfowl Field	\$50.00	\$50.00	\$60.00	acre	20%	Oct 01
Catfish Farm	\$108.00	\$112.00	\$116.00	acre	4%	Oct 01
Seadrift Coke LP	\$0.190	\$0.190	\$0.205	1,000 gal.	8%	Oct 01
Ineos Nitriles	\$0.185	\$0.185	\$0.200	1,000 gal.	8%	Oct 01
Other M&I Customers	\$0.150	\$0.150	\$0.165	1,000 gal.	10%	Oct 01
Other Ponds & rigs (base rate+usage)	\$495.00	\$495.00	\$495.00	base rate	-	Oct 01
	\$0.150	\$0.150	\$0.165	1,000 gal.	10%	Oct 01
Initial fill: crawfish, waterfowl & catfish water	\$0.150	\$0.150	\$0.165	1,000 gal.	10%	Oct 01
Sprinkler Irrigation	\$40.00	\$40.00	\$45.00	acre	13%	Oct 01
WESTERN CANYON DIVISION	2014 Actual	2015 Actual	2016 Budget	Unit of Measure	% Change	Effective Date
<b><u>Western Canyon WTP &amp; TWDS:</u></b>						
O&M Rate	\$0.95	\$1.04	\$1.04	1,000 gal.	-	Oct 01
Capacity Rate	\$475.03	\$475.03	\$475.03	AFY	-	Oct 01
Wholesale (Raw+Capacity+WTP O&M)	\$2.79	\$2.90	\$2.90	1,000 gal.	-	Oct 01
<b><u>Water Distribution Systems – Common Rates:</u></b>						
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
<b><u>Comal Trace WDS, Cordillera Ranch WDS &amp; Johnson Ranch WDS:</u></b>						
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 – 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

<b>WESTERN CANYON DIVISION (cont.)</b>	<b>2014 Actual</b>	<b>2015 Actual</b>	<b>2016 Budget</b>	<b>Unit of Measure</b>	<b>% Change</b>	<b>Effective Date</b>
<b>2. 1" Commercial Meter:</b>						
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
<b>3. 1.5" Commercial Meter:</b>						
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
<b>4. 2" Commercial Meter:</b>						
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
<b>5. 3" Commercial Meter:</b>						
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
<b>6. Wholesale:</b>						
Water – Wholesale Usage (Capacity & WTP O&M)	\$2.52	\$2.50	\$2.50	1,000 gal.	-	Oct 01

**Note: Rate changes for new budget year are highlighted; % change is from 2015 actual to 2016 budget year.**





## Rates and Rate Structures

WESTERN CANYON DIVISION (cont.)	2014 Actual	2015 Actual	2016 Budget	Unit of Measure	% Change	Effective Date
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### 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%	monthly fee	-	Sep 01

### Cordillera WWTP:

Wastewater – Connection Fees	\$1,550.00	\$1,550.00	\$1,550.00	connection	-	Oct 01
+ Grinder Pump	pump @ cost	pump @ cost	pump @ cost			
Wastewater – Monthly Fees	\$61.00	\$64.00	\$64.00	LUE	-	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	2014 Actual	2015 Actual	2016 Budget	Unit of Measure	% Change	Effective Date
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Reconnect Fee/Trip Charge	\$70.00	\$70.00	\$70.00	connection	-	Sep 01
Call Out Trip Charge	\$180.00	\$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	\$140.00	\$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%	monthly fee	-	Sep 01

### Rural Water Distribution System:

#### 1. 5/8" Meter:

Tap Fees - New Connection, plus membership fee	\$1,000.00	\$1,000.00	\$1,000.00	connection	-	Oct 01
Tap Fees - Existing Connection, plus membership fee	\$320.00	\$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	\$36.00	\$40.00	month	11%	Oct 01
Block Rate over 2,000 gal. (base rate+usage)	\$5.05	\$5.05	\$6.05	1,000 gal.	20%	Oct 01
Dry Tap Rate	\$35.00	\$35.00	\$39.00	month	11%	Oct 01

#### 2. 3/4" Meter:

Tap Fees - New Connection, plus membership fee	\$1,000.00	\$1,000.00	\$1,000.00	connection	-	Oct 01
Tap Fees - Existing Connection, plus membership fee	\$345.00	\$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	\$54.00	\$60.00	month	11%	Oct 01
Block Rate over 3,000 gal. (base rate+usage)	\$5.05	\$5.05	\$6.05	1,000 gal.	20%	Oct 01
Dry Tap Rate	\$53.00	\$53.00	\$59.00	month	11%	Oct 01



## Rates and Rate Structures

CALHOUN COUNTY RWS DIVISION	2014 Actual	2015 Actual	2016 Budget	Unit of Measure	% Change	Effective Date
3. 1" Meter:						
Tap Fees - New Connection, plus membership fee	\$1,300.00	\$1,300.00	\$1,300.00	connection	-	Oct 01
Tap Fees - Existing Connection, plus membership fee	\$405.00	\$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	\$72.00	\$80.00	month	11%	Oct 01
Block Rate over 4,000 gal. (base rate+usage)	\$5.05	\$5.05	\$6.05	1,000 gal.	20%	Oct 01
Dry Tap Rate	\$71.00	\$71.00	\$79.00	month	11%	Oct 01
4. 1- 1/2" Meter:						
Tap Fees	\$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	\$144.00	\$160.00	month	11%	Oct 01
Block Rate over 8,000 gal. (base rate+usage)	\$5.05	\$5.05	\$6.05	1,000 gal.	20%	Oct 01
Dry Tap Rate	\$143.00	\$143.00	\$159.00	month	11%	Oct 01
5. 2" Meter:						
Tap Fees	\$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	\$288.00	\$320.00	month	11%	Oct 01
Block Rate over 16,000 gal. (base rate+usage)	\$5.05	\$5.05	\$6.05	1,000 gal.	20%	Oct 01
Dry Tap Rate	\$287.00	\$287.00	\$319.00	month	11%	Oct 01
<b><u>Crestview Subdivision:</u></b>						
Residential: Monthly Sewer Fees	\$70.00	\$70.00	\$70.00	month	-	Oct 01
Residential: New Tap	Tap @ cost	Tap @ cost	Tap @ cost			Oct 01
Residential: Reactivate Connection	\$210.00	\$210.00	\$210.00	connection	-	Oct 01
Multi-family/2 Units: Monthly Sewer Fees	\$105.00	\$105.00	\$105.00	month	-	Oct 01
Multi-family/2 Units: New Tap	Tap @ cost	Tap @ cost	Tap @ cost			Oct 01
Multi-family/2 Units: Reactivate Connection	\$315.00	\$315.00	\$315.00	connection	-	Oct 01

**Note:** Rate changes for new budget year are highlighted; % change is from 2015 actual to 2016 budget year.



## Rates and Rate Structures

COLETO CREEK RECREATION SYSTEM	2014 Actual	2015 Actual	2016 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	\$140.00	\$150.00	\$155.00	permit	3%	Sep 01
Replacement Annual Permit	\$5.00	\$5.00	\$5.00	permit	-	Sep 01
Camping Fee	\$30.00	\$30.00	\$32.00	night	7%	Sep 01
Camping Fee Premium Sites	\$35.00	\$37.00	\$37.00	night	-	Sep 01
Overflow Camping	\$23.00	\$23.00	\$25.00	night	9%	Sep 01
Camping Extra Vehicle Charge	\$10.00	\$10.00	\$10.00	night	-	Sep 01
Camping Fee (Weekly: 10/1-3/31)	\$168.00	\$175.00	\$175.00	7 nights	-	Sep 01
Camping Fee (Monthly: 10/1-3/31)	\$405.00	\$435.00	\$435.00	30 nights	-	Sep 01
Senior Citizens Camping (10/1-3/31)	\$24.00	\$25.00	\$25.00	night	-	Sep 01
Primitive Camping	\$24.00	\$25.00	\$25.00	night	-	Sep 01
Monthly Parking Pass (1/couple: 10/1-3/31)	\$45.00	\$45.00	\$45.00	30 nights	-	Sep 01
Holding Tank Pumpout Fee	\$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)	\$65.00	\$67.00	\$67.00	night	-	Sep 01
Cabin Rental (Large Units)	\$85.00	\$87.00	\$87.00	night	-	Sep 01
Cabin Rental (Trailer Units)	\$105.00	\$105.00	\$105.00	night	-	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	\$65.00	\$75.00	day	15%	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)	\$270.00	\$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	\$150.00	hunter	-	Sep 01
Photo Blind Use Fee	\$35.00	\$35.00	\$35.00	day/blind	-	Sep 01
Photo Blind Use Fee	\$80.00	\$80.00	\$80.00	3 days	-	Sep 01

**Note:** Rate changes for new budget year are highlighted; % change is from 2015 actual to 2016 budget year.



## Rates and Rate Structures

<b>LULING WTP DIVISION</b>	<b>2014 Actual</b>	<b>2015 Actual</b>	<b>2016 Budget</b>	<b>Unit of Measure</b>	<b>% Change</b>	<b>Effective Date</b>
Water Treatment Plant Charge	\$1.076	\$1.141	\$1.229	1,000 gal.	8%	Sep 01
Treated Water Delivery System O&M Charge	\$0.347	\$0.337	\$0.347	1,000 gal.	3%	Sep 01

<b>CANYON HYDROELECTRIC DIVISION</b>	<b>2014 Actual</b>	<b>2015 Actual</b>	<b>2016 Budget</b>	<b>Unit of Measure</b>	<b>% Change</b>	<b>Effective Date</b>
Energy Charge	\$0.0133	\$0.0133	\$0.0133	kWh	-	Sep 01

<b>LOCKHART DIVISION</b>	<b>2014 Actual</b>	<b>2015 Actual</b>	<b>2016 Budget</b>	<b>Unit of Measure</b>	<b>% Change</b>	<b>Effective Date</b>
Septic Tank Waste	\$62.00	\$62.00	\$67.00	1,000 gal.	8%	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 2015 actual to 2016 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:

	<b>Contract Revenue Bonds</b>	
<b>Issuer - GBRA</b>	<b>Underwriters</b>	<b>Bond Purchasers</b>
__Financial Advisors <i>Specialized Public Finance</i> __General Counsel __Paying Agent/Registrar __Bond Printer __POS/OS Printer	__Underwriter Counsel __Rating Agency <i>Moody's and S&amp;P</i> __Bond Insurer	__Bond Counsel <i>McCall, Parkhurst &amp; Horton</i> __Trustee

The funding of infrastructure or other capital improvement projects is derived from both equity and debt sources. That funding which is provided through equity includes revenue received from customers as well as contributions from developers. Capital improvement funding, which is provided from debt, includes short-term bank loans as well as to the issuance of longer-term contract revenue bonds. GBRA does not have the power of taxation nor does it derive any of its revenues from taxes; therefore, it issues no general obligation bonds. A summary of the projected August 31, 2016 balance for GBRA's current debt is shown on the following page. This schedule does not reflect the proposed loans/bonds totaling \$1,155,000 budgeted for this year. The proposed obligations for this budget year are listed below:

<b>Division</b>	<b>Amount</b>	<b>Description</b>
<b>GV Hydroelectric</b>	\$87,000	Loan for equipment purchases
<b>Canyon Park WWTP</b>	\$605,000	Loan for collection system expansion
<b>Water Sales</b>	\$405,000	Loan for equipment purchase
<b>Regional Laboratory</b>	\$58,000	Loan for equipment purchase
<b>TOTAL</b>	<u>\$1,155,000</u>	



# Fiscal Year 2016 Budget

## *flowing solutions*

### Debt Obligations – Summary Table

Series	Date of Issue	Final Maturity	Effective Interest Rate	Original Amount	Outs tanding 8/31/2014	Retired During FY 2015	Outs tanding 8/31/2015	Retired During FY 2016	Outs tanding 8/31/2016
<b>OBLIGATIONS PAYABLE DIRECTLY BY GBRA</b>									
<b>GUADALUPE VALLEY HYDROELECTRIC DIVISION</b>									
First Lockhart Nat'l Bank Loan, Slope Mower	11/17/2008	2013	3.9%	\$ 110,000	--	--	--	--	--
First Lockhart Nat'l Bank Loan, Truck	02/17/2011	2014	3.5%	30,000	--	--	--	--	--
<b>RURAL UTILITIES DIVISION</b>									
Regions Bank Loan, Dunlap Construction	03/15/2012	2015	2.3%	3,590,000	890,748	180,000	710,748	710,748	--
Regions Bank Loan, Dunlap Construction	03/15/2012	2032	3.3%	2,600,000	2,505,000	95,000	2,410,000	100,000	2,310,000
<b>WATER RESOURCE DIVISION</b>									
U. S. Government Loan	01/01/1977	2026	2.5%	8,979,862	3,168,524	229,677	2,938,847	235,419	2,703,428
GE Capital Public Finance Loan, Equipment	03/15/2004	2014	4.8%	467,276	--	--	--	--	--
JP Morgan Chase Bank Loan, Office Expansion	05/09/2006	2016	4.18%	1,600,000	266,667	160,000	106,667	106,667	--
Luling Foundation Loan, Water Right Purchase	09/26/2006	2031	4.50%	584,706	448,386	18,123	430,263	18,938	411,325
Usery Loan, Water Right Purchase	09/26/2006	2031	4.50%	343,496	263,413	10,646	252,767	11,126	241,641
Metcalf Bank Loan, Lab Equipment	10/20/2008	2014	5.25%	102,945	--	--	--	--	--
General Improvement & Refunding Rev Bonds, 20	03/01/2011	2030	3.0-4.375%	10,745,000	8,845,000	470,000	8,375,000	490,000	7,885,000
General Improvement Rev Bonds, 2012 (Mid-Basin)	04/05/2012	2031	0.14-1.86%	4,400,000	3,950,000	225,000	3,725,000	220,000	3,505,000
<b>Total Obligations Payable Directly by GBRA</b>				<b>\$ 33,553,285</b>	<b>\$ 20,337,738</b>	<b>\$ 1,388,446</b>	<b>\$ 18,949,292</b>	<b>\$ 1,892,898</b>	<b>\$ 17,056,394</b>
<b>OBLIGATIONS PAYABLE PURSUANT TO CONTRACTS</b>									
<b>WATER RESOURCE DIVISION</b>									
Western Canyon Regional Water Supply Project Revenue Bonds									
2013A	07/10/2013	2033	10-5.0%	55,265,000	52,840,000	1,860,000	50,980,000	1915,000	49,065,000
Western Canyon Regional Water Supply Project Revenue Bonds									
2013B	07/10/2013	2033	.909-4.633%	6,830,000	6,520,000	255,000	6,265,000	265,000	6,000,000
IH 35 Project Combined Revenue Bonds									
2013	04/17/2013	2037	2.0-5%	19,470,000	18,425,000	545,000	17,880,000	560,000	17,320,000
RRWDS Combined Revenue Bonds									
2007A	09/15/2007	2039	5.0%	9,180,000	8,410,000	175,000	8,235,000	185,000	8,050,000
RRWDS Combined Revenue Bonds, Taxable									
2007B	09/15/2007	2039	7.1%	5,775,000	5,420,000	85,000	5,335,000	90,000	5,245,000
Regional Raw Wtr Delivery System Bonds, San Marcos									
2010	08/01/2010	2024	2.0-3.25%	6,895,000	5,190,000	445,000	4,745,000	460,000	4,285,000
<b>PORT LAVACA WATER TREATMENT PLANT DIVISION</b>									
Frost National Bank Loan	03/04/2008	2022	4.0%	400,000	341,534	10,339	331,195	29,533	301,662
Water Supply Revenue Refunding Bonds									
2011	08/16/2011	2016	2.0%	1,205,000	605,000	300,000	305,000	305,000	--
<b>LULING WATER TREATMENT PLANT DIVISION</b>									
Treated Water Delivery System Contract Revenue Bonds									
2004	05/01/2004	2030	3.0-5.0%	6,370,000	--	--	--	--	--
Treated Water Delivery System Contract Revenue Refunding Bonds									
2014	02/26/2014	2030	3.45%	4,950,000	4,950,000	235,000	4,715,000	245,000	4,470,000
<b>CANYON HYDROELECTRIC DIVISION</b>									
Hydroelectric Project Revenue Refunding Bonds									
2002	04/15/2002	2014	3.5-4.75%	9,705,000	--	--	--	--	--
<b>LOCKHART WASTEWATER RECLAMATION DIVISION</b>									
Contract Revenue Bonds									
2010	08/01/2010	2017	1.5%-2.5%	4,025,000	1,845,000	590,000	1,255,000	615,000	640,000
<b>Total Contract Revenue Bonds</b>				<b>\$ 130,070,000</b>	<b>\$ 104,546,534</b>	<b>\$ 4,500,339</b>	<b>\$ 100,046,195</b>	<b>\$ 4,669,533</b>	<b>\$ 95,376,662</b>
<b>Total Revenue Bonds and Long-Term Loans Payable</b>					<b>\$ 124,884,272</b>		<b>\$ 118,995,487</b>		<b>\$ 112,433,056</b>





## Debt Obligations – Amortization Schedules

### DUNLAP WASTEWATER TREATMENT PLANT EXPANSION AMORTIZATION SCHEDULE FOR REGIONS BANK LOAN

YR ENDING AUGUST 31	<u>TAX-EXEMPT</u>			<u>TAXABLE</u>			TOTAL REQ'S
	PRINCIPAL	INTEREST	TOTAL	PRINCIPAL	INTEREST	TOTAL	
2016	\$100,000	\$78,824	\$178,824	\$710,748	\$8,500	\$719,248	\$898,072
2017	105,000	75,401	180,401				180,401
2018	105,000	71,893	176,893				176,893
2019	110,000	68,303	178,303				178,303
2020	115,000	64,546	179,546				179,546
2021	115,000	60,704	175,704				175,704
2022	120,000	56,780	176,780				176,780
2023	125,000	52,689	177,689				177,689
2024	130,000	48,430	178,430				178,430
2025	135,000	44,004	179,004				179,004
2026	140,000	39,412	179,412				179,412
2027	145,000	34,653	179,653				179,653
2028	145,000	29,809	174,809				174,809
2029	150,000	24,883	174,883				174,883
2030	160,000	19,706	179,706				179,706
2031	165,000	14,278	179,278				179,278
2032	170,000	8,683	178,683				178,683
2033	175,000	2,923	177,923				177,923
	<u>\$2,410,000</u>	<u>\$795,921</u>	<u>\$3,205,921</u>	<u>\$710,748</u>	<u>\$8,500</u>	<u>\$719,248</u>	<u>\$3,925,169</u>



## Debt Obligations – Amortization Schedules

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

YR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2016	\$235,419	\$73,471	\$308,890
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
	<u>\$2,938,847</u>	<u>\$458,942</u>	<u>\$3,397,790</u>

### OFFICE EXPANSION AMORTIZATION SCHEDULE FOR JP MORGAN CHASE LOAN

YEAR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2016	<u>\$106,667</u>	<u>\$1,672</u>	<u>\$108,339</u>
	<u>\$106,667</u>	<u>\$1,672</u>	<u>\$108,339</u>



## Debt Obligations – Amortization Schedules

### WATER RIGHT PURCHASE AMORTIZATION SCHEDULE

YREND AUG 31	<u>LULING FOUNDATION</u>			<u>ABNER USSERY</u>			TOTAL REQ'S
	PRINCIPAL	INTEREST	TOTAL	PRINCIPAL	INTEREST	TOTAL	
2016	\$18,938	\$19,362	\$38,300	\$11,126	\$11,374	\$22,500	\$60,800
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
	\$430,263	\$182,537	\$612,800	\$252,767	\$107,233	\$360,000	\$972,800

## Debt Obligations – Amortization Schedules

### 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	
2016	\$300,000	\$221,762.50	\$521,763	\$190,000	\$111,593.76	\$301,594	\$823,357
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
	<u>\$5,505,000</u>	<u>\$1,921,231</u>	<u>\$7,426,235</u>	<u>\$2,870,000</u>	<u>\$811,975</u>	<u>\$3,681,977</u>	<u>\$11,108,212</u>

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

YR END AUG 31	PRINCIPAL	INTEREST	TOTAL REQ's
2016	\$220,000	\$37,603	\$257,603
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
	<u>\$3,725,000</u>	<u>\$434,391</u>	<u>\$4,159,391</u>

## Debt Obligations – Amortization Schedules

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

YREND AUG 31	<u>SERIES 2013A BONDS</u>			<u>TAXABLE SERIES 2013B BONDS</u>			TOTAL REQUIREMENTS
	2013A PRINCIPAL	2013A INTEREST	2013A TOTAL	2013B PRINCIPAL	2013B INTEREST	2013B TOTAL	
2016	\$1,915,000	\$2,410,906	\$4,325,906	\$265,000	\$248,612	\$513,612	\$4,839,518
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
	<b>\$50,980,000</b>	<b>\$26,928,362</b>	<b>\$77,908,362</b>	<b>\$6,265,000</b>	<b>\$2,889,424</b>	<b>\$9,154,424</b>	<b>\$87,062,786</b>



## 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
2016	\$560,000	\$641,656	\$1,201,656
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
	<u>\$17,880,000</u>	<u>\$8,472,113</u>	<u>\$26,352,113</u>



## 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	<u>SERIES 2007A BONDS</u>			<u>TAXABLE SERIES 2007B BONDS</u>			TOTAL REQ's
	PRINCIPAL	INTEREST	2007A TOTAL	PRINCIPAL	INTEREST	2007B TOTAL	
2016	\$185,000	\$412,000	\$597,000	\$90,000	\$377,538	\$467,538	\$1,064,538
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
	\$8,235,000	\$6,091,000	\$14,326,000	\$5,335,000	\$5,903,450	\$11,243,450	\$25,569,450



## 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
2017	\$460,000	\$130,668	\$590,668
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
	<u>\$4,745,000</u>	<u>\$683,124</u>	<u>\$5,428,124</u>

*\* 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
2016	\$29,533	\$13,111	\$42,644
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
	<u>\$331,195</u>	<u>\$48,530</u>	<u>\$379,725</u>



## Debt Obligations – Amortization Schedules

### WATER SUPPLY REVENUE BONDS AND REVENUE REFUNDING BONDS (CITY OF PORT LAVACA, TEXAS) SERIES 2011

YR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2016	\$305,000	\$3,050	\$308,050
	<u>\$305,000</u>	<u>\$3,050</u>	<u>\$308,050</u>

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

YR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2016	\$245,000	\$158,441	\$403,441
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
	<u>\$4,715,000</u>	<u>\$1,322,644</u>	<u>\$6,037,644</u>



## Debt Obligations – Amortization Schedules

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

YR ENDING AUGUST 31	PRINCIPAL	INTEREST	TOTAL REQUIREMENTS
2016	\$615,000	\$22,150	\$637,150
2017	640,000	8,000	648,000
	<u>\$1,255,000</u>	<u>\$30,150</u>	<u>\$1,285,150</u>

## 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 2015-2019. 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	2016	2017	2018	2019	2020
Computer Hardware	\$39,500	\$50,000	\$50,000	\$50,000	\$50,000
Replacement Vehicle(s)	\$70,000	\$50,000	\$50,000	\$50,000	\$50,000
Office Furniture & Fixtures	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
<b>TOTALS</b>	<b>\$119,500</b>	<b>\$110,000</b>	<b>\$110,000</b>	<b>\$110,000</b>	<b>\$110,000</b>

The largest addition for FY 2016 is for the purchase of two replacement vehicles in the aggregate amount of \$70,000. These vehicle purchases 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 2016 remains relatively the same to somewhat smaller 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	2016	2017	2018	2019	2020
Dam, Levee, Structural Erosion Repairs	\$107,000	\$50,000	\$50,000	\$50,000	\$50,000
SCADA Standardization/Upgrade	\$30,000				
Replacement Office Furniture	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Replacement Truck	\$37,000	\$38,000	\$40,000	\$41,000	\$41,000
Upgrade Suspension Bridge Cable System	\$66,000	\$121,000	\$121,000		
Paint a Power House	\$58,300		\$57,000		
Replace Outboard Boat Motor	\$3,000		\$3,000		
Replace Spill Gate Fender Boards	\$43,870				
TP-4 Spill Gate Structural Repairs		\$290,000			
H-5 Spill Gate Structural Repairs		\$240,000			
Nolte Spill Gate Structural Repairs			\$550,000		
Workboat	\$45,000				
<b>TOTALS</b>	<b>\$392,170</b>	<b>\$896,000</b>	<b>\$983,000</b>	<b>\$93,000</b>	<b>\$253,000</b>

Dam and levee erosion repairs are planned for FY 2016 in the amount of \$107,000. SCADA equipment will be upgraded and standardized. The cable system supporting the suspension bridges that cross the river at the hydro plants will be upgraded starting in 2016 at a cost of \$66,000. The interior of a hydroelectric power house will be painted during the year as well.

Purchases planned in FY 2016 are to replace a control room chair, a maintenance truck, a generator vacuum breaker, and an outboard motor. Purchasing a work boat is also planned during the year at a cost of \$45,000.

Funds for the items listed will be provided by hydroelectric power sales and a \$87,000 bank loan for the replacement truck, work boat, outboard motor, and office furniture.



## Capital Improvements

### Rural Utilities Division

DESCRIPTION	2016	2017	2018	2019	2020
<b>Shadow Creek WWTP</b>					
Emergency Generator	\$27,500				
Improvements to Lift Station	\$50,000				
<b>SUB-TOTALS</b>	<b>\$77,500</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>

The system is relatively new, started during FY 2007 and the owner is currently expanding the wastewater treatment plant. The emergency generator proposed for FY 2016 is to provide power an off-site lift station during periods when line power is not available.



## Capital Improvements

### Rural Utilities Division (cont.)

DESCRIPTION	2016	2017	2018	2019	2020
<b>Canyon Park WWTP:</b>					
¼ Cost of Replacement Truck	\$7,500	\$7,500	\$7,500	\$7,500	
Replace Chlorine Regulator	DEFERRED	\$1,400	\$1,400	\$1,400	\$1,400
Collection System Repairs		\$3,000	\$3,000	\$3,000	\$3,000
Plant Expansion	\$301,000	\$1,000,000			
¼ cost of a Skid Steer	\$8,750				
Brookshire WW	\$750,000				
<b>SUB-TOTALS</b>	<b>\$1,067,250</b>	<b>\$1,011,900</b>	<b>\$11,900</b>	<b>\$11,900</b>	<b>\$4,400</b>

Capital improvements planned in FY 2016 include ¼ the cost of a replacement truck, a chlorine regulator, ¼ the cost of a skid steer, a plant expansion and the Brookshire WW project. These improvements will be funded by revenues from customer billings, and in the case of the wastewater collection system extension to the Brookshire Brothers grocery store, funds will come from previously accumulated restricted funds and from a bank loan. The \$301,000 itemized above is the initial planning and design costs of a Plant Expansion required at the plant due to growth in the area and resulting increasing wastewater flows into the plant.



## Capital Improvements

### Rural Utilities Division (cont.)

DESCRIPTION	2016	2017	2018	2019	2020
<b>Dunlap WWTP:</b>					
¼ Cost of a Replacement Truck	\$7,500	\$7,500	\$7,500	\$7,500	
Sludge Press and Building		\$418,000			
Emergency Gen. - WWTP	\$132,000				
Shop/Office/Lab Building					
River Bend Collection System Improvements		\$250,000			
¼ cost of a Skid Steer	\$8,750				
UV Controller	\$16,000				
Lab Equipment		\$20,000			
Submersible Pump (South Bank)	\$5,000				
Chlorinator for RAS	\$3,000				
<b>SUB-TOTALS</b>	<b>\$172,250</b>	<b>\$695,500</b>	<b>\$7,500</b>	<b>\$7,500</b>	<b>\$0</b>

The capital improvements planned in FY 2016 are ¼ the cost of a replacement truck, the purchase and installation emergency generator at the WWTP, ¼ the cost of a Skid Steer, replace the UV controller, replace a submersible pump in the South Bank lift station, and purchase a chlorinator for the RAS system.

The emergency generator planned in FY 2016 will provide power to the wastewater treatment plant during power outages.

A sludge press and building planned in FY 2017 will be required to accommodate the increased amount of sludge due to plant expansion and will be financed with a bank loan in order to spread the financial impact over several years.

The capital improvements listed above for FY 2016 will be funded by revenues from customer billings.



## Capital Improvements

### Rural Utilities Division (cont.)

DESCRIPTION	2016	2017	2018	2019	2020
<b>Northcliffe WWTP:</b>					
Chlorine Regulator		\$1,400	\$1,400	\$1,400	\$1,400
¼ Cost of Replacement Truck	\$7,500			\$7,500	
Replace Emergency Generator		\$75,000			
¼ Cost of a Skid Steer	\$8,750	\$50,000			
Treatment Plant Improvements	\$249,900				
<b>SUB-TOTALS</b>	<b>\$266,150</b>	<b>\$126,400</b>	<b>\$1,400</b>	<b>\$8,900</b>	<b>\$1,400</b>

The treatment plant improvements planned in FY 2016 will maximize the base-load capacity of the WWTP and will enable reliable operation in compliance with current TCEQ rules by improving the sludge settling performance and dissolved oxygen concentrations.

The purchases planned for FY 2016 are ¼ the cost of a replacement truck, and ¼ the cost of a skid steer. The cost of the replacement truck and the skid steer will be shared with three other Rural Utilities Divisions.

The emergency generator purchase planned in FY 2017 is needed to maintain plant operations during power outages.

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	2016	2017	2018	2019	2020
<b>Springs Hill WWTP:</b>					
¼ Cost of Replacement Truck	\$7,500	\$7,500	\$7,500	\$7,500	
New Clarifier			\$250,000		
¼ Cost of Skid Steer	\$8,750				
<b>SUB-TOTALS</b>	<b>\$16,250</b>	<b>\$121,000</b>	<b>\$257,500</b>	<b>\$8,900</b>	<b>\$1,400</b>

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

The capital improvement purchases planned in FY 2016 are ¼ the cost of a replacement truck, and ¼ the cost of a skid steer.

Although GBRA does not see the need for increased treatment capacity at this time, the purchase of land in FY 2017 for plant expansion and a new clarifier in FY 2018 will be dependent on development and demand on the treatment plant.

With the exception of the new clarifier in FY 2018, all capital additions will be paid from normal operating revenues.

## Capital Improvements

### Rural Utilities Division (cont.)

DESCRIPTION	2016	2017	2018	2019	2020
<b>Sunfield WWTP:</b>					
<b>SUB-TOTALS</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>
<b>TOTALS RUD DIVISION</b>	<b>\$1,599,400</b>	<b>\$1,954,800</b>	<b>\$278,300</b>	<b>\$37,200</b>	<b>\$2,844</b>

In June of 2006 a wastewater treatment plant operating agreement was signed between 2428 Partners L.P. and GBRA. Plant start-up occurred during Fiscal Year 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	2016	2017	2018	2019	2020
<b>Water Sales:</b>					
EZ-GO Electric Golf Cart	\$10,000				
Additional Showers – LWRA			\$13,000		
Roads & Pads Repairs - LWRA				\$15,000	
Additional Campsites/Electrical Cabin	\$27,000				\$35,000
Flow/Rainfall Monitors	\$25,000				
Clean Up H5 Islands Lots	\$76,491	\$100,000			
Hazard Mitigation	\$50,000				
Office Furniture	\$5,000				
Replace Kubota 6800 Tractor	\$28,143				
ATV w/ Utility Bed	\$9,500				
Mobile Dewater System & Truck	\$405,000				
Siphon/Radial Gate Repairs	\$57,928				
Clean Rivers Program	\$135,000	\$135,000	\$135,000	\$135,000	\$135,000
IT/Office Equipment		\$5,000	\$5,000	\$5,000	\$5,000
GIS Programming		\$20,000	\$20,000	\$20,000	\$20,000
Replacement Vehicles		\$25,000	\$25,000	\$25,000	\$25,000
Diversion Levee Rehab		\$25,000	\$25,000	\$25,000	\$25,000
<b>SUB-TOTALS</b>	<b>\$829,062</b>	<b>\$310,000</b>	<b>\$223,000</b>	<b>\$225,000</b>	<b>\$245,000</b>

The 2016 EZ-Go electric Golf cart will replace the 24 year old golf cart. The additional electrical campsites in 2016 will provide additional revenue. In FY 2017, \$100,000 will be used for the island lot cabin clean up and removal. The FY 2018 shower addition will increase the existing 5 showers to 7 showers. The \$15,000 scheduled in FY 2019 for road and repairs is included to repair the periodic damage caused by river flooding of the Lake Wood Park. The FY 2020 lakefront cabin at the Lake Wood Park will provide additional revenue.

Capital additions within the Water Resource Division – LWRA will be funded through the Canyon Reservoir stored water sales and the increased park revenue due to the area oil industry, area landowners, and mineral right owners.

## Capital Improvements

### Water Resources Division (cont.)

DESCRIPTION	2016	2017	2018	2019	2020
<b>Regional Laboratory:</b>					
Printer/Scanner	\$5,000				
Refrigerator	\$5,000				
Dishwasher	\$13,000				
Furnace	\$4,000				
Auto-titrator	\$45,000				
Laboratory Expansion		\$750,000			
Inductively Coupled Plasma Unit			\$100,000		
<b>SUB-TOTALS</b>	<b>\$72,000</b>	<b>\$750,000</b>	<b>\$100,000</b>		

In FY 2016, the purchase of a replacement printer scanner to replace an older unit is requested at the cost of \$5,000, it is used to print customer reports. The purchase of a refrigerator to replace an older unit is also requested at the cost of \$5,000, this will be used to store samples waiting for analyses or for completed samples. The purchase of a 2<sup>nd</sup> dishwasher is requested due to increase of sample containers needing to be washed at the cost of \$13,000. This would assist lab staff if becoming more efficient with their labor, reduction of manual labor. A LIMS system was purchased in FY 2015 and is in progress for full implementation by FY 2016, however there are some accessories that will be needed estimated cost \$6000. An auto-titrator is requested the cost is estimated to be at \$45,000. This unit would increase the sample capacity for titrations that include hardness and alkalinity. In FY17, the laboratory would be expanded to allow for additional laboratory work benches and equipment space. In FY 2018 an Inductively Coupled Plasma (ICP) unit is scheduled for purchase at an estimated value of \$100,000. 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	2016	2017	2018	2019	2020
<b>Calhoun Canal:</b>					
Twin 60s Crossing Rehab			\$40,000	\$25,000	
Replacement Shredder	\$17,000				
Replacement Truck (Unit #50)		\$30,000*			
Chlorine System Relift #1 upgrade				\$14,000	
Roof/Purlin Repairs-Re-Lift Pump Bld.(Develop bid package & construction specifications)	\$8,000				
Replace West Canal Bridge	\$5,000				
Main Canal Easements				\$30,000	\$20,000
Expand Equipment Barn (1/4share)				\$13,000	
Replace SCAG Mower	\$7,000				
Replacement All-terrain Vehicle		\$8,000			
<b>SUB-TOTALS</b>	<b>\$37,000</b>	<b>\$38,000</b>	<b>\$40,000</b>	<b>\$82,000</b>	<b>\$20,000</b>

\*(Crew cab)

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	2016	2017	2018	2019	2020
<b>San Marcos WTP:</b>					
Backwash Blower		\$40,000			
Plant Vehicle	\$25,000				
<b>SUB-TOTALS</b>	<b>\$25,000</b>	<b>\$40,000</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>

The San Marcos Water Treatment Plant is operating under a 10-year contract with the City of San Marcos that began December 2005. 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 replacement of the plant pickup truck and the addition of a backwash blower.

## Capital Improvements

### Water Resources Division (cont.)

DESCRIPTION	2016	2017	2018	2019	2020
<b>Buda WWTP:</b>					
Replacement Truck		\$30,000			
Upgrade SCADA System			\$25,000		
Refrigerated Sampler			\$10,000		
<b>SUB-TOTALS</b>	<b>\$ 0</b>	<b>\$30,000</b>	<b>\$ 35,000</b>	<b>\$ 0</b>	<b>\$ 0</b>
<b>TOTALS</b> <b>WATER RES. DIVISION</b>	<b>\$963,062</b>	<b>\$1,168,000</b>	<b>\$398,000</b>	<b>\$407,000</b>	<b>\$265,000</b>

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

A replacement truck is proposed for FY 2017 and 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	2016	2017	2018	2019	2020
<b>Western Canyon WTP:</b>					
SCADA/Membrane Upgrade	\$75,000				
Meter Reading System Upgrade	\$18,000				
TTHM Analyzer	\$32,000				
Replacement Membrane Modules	\$360,000	\$360,000	\$360,000	\$360,000	
Engineering Study to optimize plant		\$45,000			
Distribution Truck		\$25,000	\$25,000		
Used Front Loader w/Brush Hog					
Computer Equipment		\$3,000	\$3,000	\$3,000	\$3,000
Backhoe		\$65,000			
Dump Truck			\$40,000		
Spare Raw Water Motor		\$60,000		\$60,000	
Spare High Service Pump		\$75,000			
<b>SUB-TOTALS</b>	<b>\$485,000</b>	<b>\$633,000</b>	<b>\$428,000</b>	<b>\$423,000</b>	<b>\$3,000</b>

The Western Canyon Project including the Water Treatment Plant and transmission system became operational during FY 2006. Capital improvements for FY 2016 include the cost of upgrading the SCADA system, the purchase of a TTHM analyzer, and replacement of filters on two membrane racks. Additional capital improvements for FY 2016 are the continuation of the SCADA/Membrane system upgrade, an upgrade to the meter reading system, a used front loader with a brush hog, and replacing aging computer equipment.



## Capital Improvements

### Western Canyon Division (cont.)

DESCRIPTION	2016	2017	2018	2019	2020
<b>Cordillera Ranch WDS:</b>					
Installation of 12 inch valve	\$10,000				
Upgrade Unit 104 Storage Tank	\$20,000				
New Joe Klar Pump Station Ground Storage Tank		\$150,000			
Meters		\$12,000	\$12,000	\$12,000	\$12,000
<b>SUB-TOTALS</b>	<b>\$30,000</b>	<b>\$162,000</b>	<b>\$12,000</b>	<b>\$12,000</b>	<b>\$12,000</b>

Within the Cordillera Ranch Water System, GBRA is responsible for operating and maintaining the distribution system, wells and pump station.

Capital improvements projected for the five-year period are the costs associated with installation of a Ground Water Storage Tank in Unit 104 in FY 2016 and \$12,000 and the \$10,000 cost of installing a 12 inch valve on Rio Cordillera in FY 2016. The funds to pay the cost of these improvements are received from customer monthly water fee revenues.

## Capital Improvements

### Western Canyon Division (cont.)

DESCRIPTION	2016	2017	2018	2019	2020
<b>Cordillera Ranch WWTP:</b>					
Used Vacuum Trailer		\$15,000	\$15,000		
Purchase New Membranes		\$30,000	\$30,000	\$30,000	\$30,000
<b>SUB-TOTALS</b>	<b>0</b>	<b>\$45,000</b>	<b>\$45,000</b>	<b>\$30,000</b>	<b>\$ 30,000</b>

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

## Capital Improvements

### Western Canyon Division (cont.)

DESCRIPTION	2016	2017	2018	2019	2020
<b>Comal Trace WDS:</b>					
Install two PRV's	\$12,000				
Upgrade booster pump station		\$15,000			
<b>SUB-TOTALS</b>	<b>\$12,000</b>	<b>\$15,000</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>

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

Capital improvements projected for the five-year period are \$12,000 to install two pressure reducing valves in FY 2016. Upgrading the booster pump station in FY 2017 will 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	2016	2017	2018	2019	2020
<b>Johnson Ranch WDS:</b>					
Install new distribution valves		\$12,000			\$12,000
Upgrade SCADA			\$15,000		
Upgrade booster pump station				\$15,000	
<b>SUB-TOTALS</b>	<b>\$0</b>	<b>\$12,000</b>	<b>\$15,000</b>	<b>\$15,000</b>	<b>\$12,000</b>

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

Capital improvements projected for the five-year period are \$12,000 to install two new distribution valves in FY 2017 and \$15,000 for the cost of upgrading SCADA in FY 2018. There are no anticipated Capital Improvements in FY 2016 because of the newly installed distribution system and pump 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	2016	2017	2018	2019	2020
<b>Johnson Ranch WWTP:</b>					
Upgrade SCADA			\$15,000		
Sewer Jetter					
<b>SUB-TOTALS</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,000</b>	<b>\$0</b>	<b>\$0</b>
<b>TOTALS WESTERN CANYON DIVISION</b>	<b>\$527,000</b>	<b>\$867,000</b>	<b>\$515,000</b>	<b>\$480,000</b>	<b>\$57,000</b>

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

In FY 2018 there will be the cost of upgrading SCADA for the cost of \$15,000. There are no anticipated Capital Improvements in FY 2016 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

**Port Lavaca WTP Division**

DESCRIPTION	2016	2017	2018	2019	2020
Basin Wind Control			\$60,000		
Clearwell #1 Repair / Raze		\$650,000			
Bleach System		\$45,000	\$45,000		
Septic System				\$8,000	
Mower	\$6,000				
Replace Flooring				\$18,000	
Security System	\$10,800	3,600	\$3,600		
Men's Restroom Upgrade	\$12,000				
Expand Plant 6.0 mgd to 7.2 mgd					\$4,700,000
Rock Reservoir Erosion Control					\$60,000
Filter Covers					\$30,000
Crypto Sampling	DEFERRED	\$30,000			
High Service Piping and Valves			\$74,000		
<b>TOTALS</b>	<b>\$28,800</b>	<b>\$728,600</b>	<b>\$182,600</b>	<b>\$26,000</b>	<b>\$4,790,000</b>

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 significant concern and surveillance and limiting access to a reasonable degree will improve the safety posture. However, the best efforts will always be confounded to some extent by the overriding need for access and ingress associated with retail utility and water supply operations that are also headquartered at this facility.

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	2016	2017	2018	2019	2020
Crestview Generator		\$5,000			
Bay Meadows Expansion		\$23,000	\$22,000		
North Ocean Drive Upgrade	\$12,000				
Crestview Emergency Generator		\$12,000			
Maxwell Ditch Crossing	\$20,000				
Bauer Road Project			\$12,000		
Crestview SCADA		\$5,000			
Shady Acres				\$25,000	\$25,000
Equipment Building			\$4,000		
Six Mile Station Improvements	\$16,000	\$216,000	\$200,000	\$200,000	
Expansion Highway 238					\$40,000
Saddle Horn Extension					\$40,000
FM 1090 Addition (Cain etal)					\$25,000
Green Lake Survey					\$25,000
Long Mott Road Extension					\$15,000
Credit Card Reader	\$2,000				
Tanner Lane			\$4,000		
<b>TOTALS</b>	<b>\$50,000</b>	<b>\$261,000</b>	<b>\$238,000</b>	<b>\$225,000</b>	<b>\$170,000</b>

The purchase of property at the Six Mile Station is scheduled to be completed in 2015 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. The Maxwell Ditch Crossing will be replaced in 2016. 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

### Coletto Creek Division

DESCRIPTION	2016	2017	2018	2019	2020
<b>Coletto Creek Reservoir:</b>					
72" Skid Steer Rotary Cutter	\$5,000				
Skid Steer Post Driver Attachment		\$8,000			
Replacement Vehicle (unit 91)			\$18,000		
Replacement Vehicle (unit 90)				\$22,000	
Replacement Tractor (Kubota)					\$45,000
Replacement Dike 2 Generator				\$15,000	
Replacement Dike 1 Generator					\$15,000
<b>SUB-TOTALS</b>	<b>\$5,000</b>	<b>\$8,000</b>	<b>\$18,000</b>	<b>\$37,000</b>	<b>\$60,000</b>

Capital additions for the 2016 fiscal year include \$5,000 for the purchase of a 72" rotary cutter for the Bobcat track loader.

Coletto Creek Power, LP, the current owner of the power plant located adjacent to the Coletto 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

### Coletto Creek Division (cont.)

DESCRIPTION	2016	2017	2018	2019	2020
<b>Coletto Creek Recreation:</b>					
Replace roof on Loop#1 Restroom		\$ 15,000			
Construct Env. Ed Center	DEFERRED	\$100,000			
Replacement Truck			\$ 20,000		
Add Camping Cabin			\$ 15,000		
Replace Playgrounds	\$10,000			\$ 20,000	
Commercial Grounds Mower			\$10,000		
Campground Upgrades Loop #1 & #2		\$ 25,000			\$ 25,000
Replace Loop #2 Restroom	DEFERRED			\$85,000	
<b>SUB-TOTALS</b>	<b>\$10,000</b>	<b>\$140,000</b>	<b>\$45,000</b>	<b>\$105,000</b>	<b>\$ 25,000</b>
<b>TOTALS</b> <b>COLETO CREEK DIVISION</b>	<b>\$15,000</b>	<b>\$148,000</b>	<b>\$63,000</b>	<b>\$142,000</b>	<b>\$85,000</b>

In FY 2016, the park plans to replace the park's 25 year old Day Use Playground at a proposed expense of \$ 10,000. Proposed funding for the playground would be a park grant. In FY 2017 the park plans to construct an Environmental Learning Center at the Coletto Creek Nature Preserve at a projected cost of \$100,000; replace 35 year old roof on Camping Loop #1 Restroom, and upgrade 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 replace one of the parks commercial grounds mowers at a projected expense of \$10,000; add another camping cabin at a costs 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 campsite electrical system in Camping Loop #2 to 50 amp service at a projected expense of \$25,000. Improvements and equipment purchases are proposed to be funded through park fees collected, short term loans as needed, and community grants if available.

## Capital Improvements

### Luling WTP Division

DESCRIPTION	2016	2017	2018	2019	2020
Rehab backwash tank		\$100,000			
Replace fence and gate			\$21,000		
SCADA System Networking			\$30,000		
Replace (2) Clarifier turntables				\$70,000	
Rebuild high service pump station walls			\$25,000		
Replace high service and raw water pump MCC and building					\$130,000
<b>TOTALS</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$76,000</b>	<b>\$70,000</b>	<b>\$130,000</b>

No improvements are anticipated for FY 2016. The backwash supply tank will be replaced during FY 2017 at an estimated cost of \$100,000. FY 2018 improvements include upgrades to existing SCADA System Networking is projected to cost \$30,000 to provide full time monitoring of equipment and water treatment processes, replacing the security fence around the plant, and replacing the walls on the high service pump station. Included in the plan for FY 2019 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	2016	2017	2018	2019	2020
None					
<b>TOTALS</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>

Capital improvement expenditures made by the Canyon Hydroelectric Division are reimbursed by New Braunfels Utilities (NBU) through energy sales. At this time, GBRA is not planning any capital improvements during this five-year period.



## Capital Improvements

### Lockhart Division

DESCRIPTION	2016	2017	2018	2019	2020
<b>Lockhart WWTP:</b>					
New Polymer Unit	\$13,000				
VFD/Control Panel- Larremore- T-10		\$50,000			
Replacement truck		\$25,000			
Effluent filtration system- FM20					\$1,000,000
Office expansion- FM20				\$100,000	
Upgrade UV disinfection – FM 20			\$220,000		
Chlorine Ton receiving station		\$25,000			
SCADA		\$20,000			
Rebuild Blower Room- Larremore				\$100,000	
<b>SUB-TOTALS</b>	<b>\$13,000</b>	<b>\$120,000</b>	<b>\$220,000</b>	<b>\$200,000</b>	<b>\$1,000,000</b>

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 2016 is an additional polymer blending unit. With the continued increase in septage receipts, it has become more critical to remove biosolids from the plant on a daily basis and the efficient use of polymer is essential to the biosolids dewatering process.

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	2016	2017	2018	2019	2020
<b>Lockhart WTP:</b>					
SCADA upgrade	\$61,200	\$50,000			
Upgrade Plant Electrical System	DEFERRED	\$95,000	\$95,000	\$95,000	
Replacement Truck				\$25,000	
Replace AR valves transmission line			\$25,000		
Rebuild booster pumps # 2 & 1			\$17,000		
Rebuild transfer pump # 3			\$20,000		
Filter Media Replacement			\$20,000		
Rebuild backwash pump		\$40,000			
Replacement ATV					\$15,000
Monitoring system (well #9)				\$30,000	
<b>SUB-TOTALS</b>	<b>\$61,200</b>	<b>\$185,000</b>	<b>\$177,000</b>	<b>\$150,000</b>	<b>\$15,000</b>
<b>TOTALS LOCKHART DIVISION</b>	<b>\$74,200</b>	<b>\$305,000</b>	<b>\$397,000</b>	<b>\$350,000</b>	<b>\$1,015,000</b>

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 2017 and continue through 2019, will replace electrical panels and wiring installed during the various plant expansions and bring the electrical system up to current code for safety reasons.

Upgrading the SCADA system beginning during FY 2016 and continuing into FY 2017 will improve communications between the well sites and the water plant, control the pumps more efficiently, allow for the replacement of obsolete computer hardware, and provide backup monitoring at other manned locations.

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 2015 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
Subtotal.....	\$450,000

### **Canyon Park WWTP**

1. Replace Chlorine Regulator.....	\$1,400
Subtotal .....	\$1,400

### **Springs Hill WWTP**

1. Open Channel Raw Structure.....	\$95,000
2. Chlorine Regulator.....	1,400
3. Land for Plant Expansion.....	17,100
Subtotal.....	\$113,500

**Water Sales System**

1. Replacement Truck – Lake Wood Recreation .....	25,000
Subtotal .....	\$25,000

**Calhoun Canal**

1. Steinburg Canal Viability Study.....	\$6,000
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**Buda Waste Water Treatment Plant System**

1. Upgrade SCADA System .....	\$25,000
Subtotal .....	\$25,000

**Port Lavaca WTP Division**

1. Crypto Sampling.....	\$30,000
Subtotal.....	\$30,000

**Calhoun County Rural Water System Division**

1. Bay Meadows Expansion.....	\$19,100
Subtotal .....	\$19,100

**Coleto Creek Division**

1. Construct Env. Education Center .....	\$100,000
2. Replace Roof on Loop #1 Restroom .....	15,000
Subtotal.....	\$115,000

**Lockhart Division**

1. Upgrade Plant Electrical System.....	\$95,000
Subtotal.....	\$95,000

<b>GRAND TOTAL</b>	<b><u>\$905,000</u></b>
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## **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.



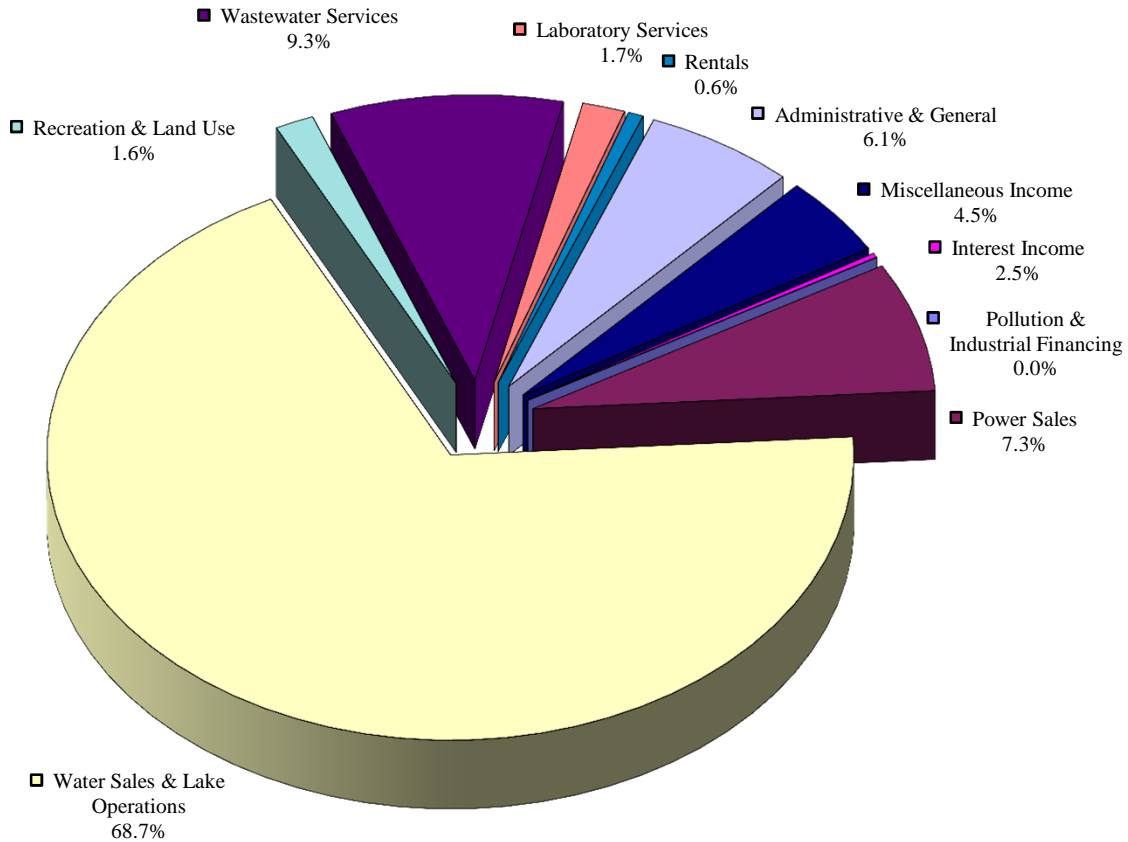
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## Fiscal Year 2016 Budget *flowing solutions*

### Budget Summary

#### REVENUES



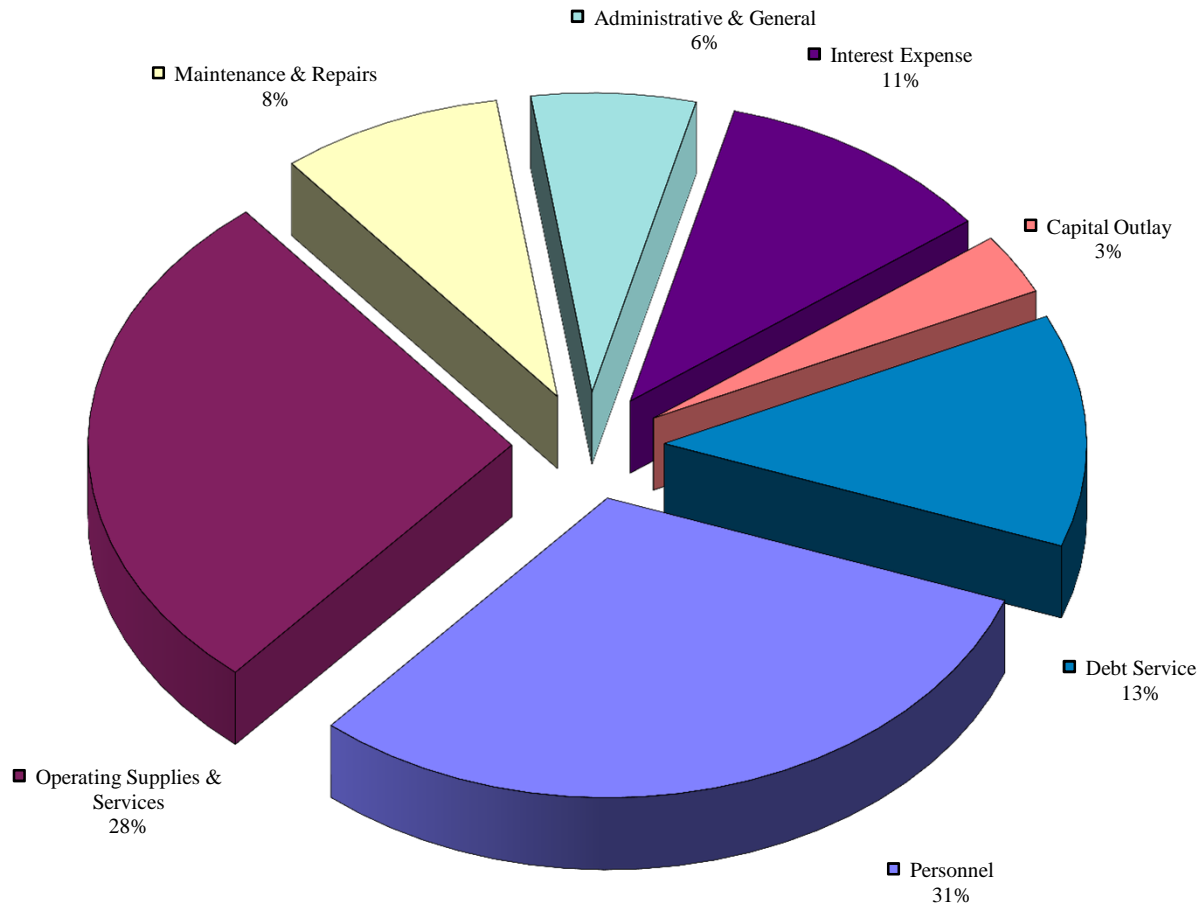
Revenues	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Pollution & Industrial Financing			
Power Sales	3,032,418	3,799,348	3,803,316
Water Sales & Lake Operations	34,316,750	34,922,232	35,666,612
Recreation & Land Use	766,399	796,160	807,589
Wastewater Services	3,830,672	4,470,586	4,839,362
Laboratory Services	842,643	870,000	890,000
Rentals	385,494	353,990	317,083
Administrative & General	2,577,174	2,873,918	3,142,983
Miscellaneous Income	4,391,862	1,793,874	2,347,586
<b>Total Operating Revenue</b>	<b>50,143,412</b>	<b>49,880,107</b>	<b>51,814,531</b>
Interest Income	276,150	170,552	128,574
<b>Total</b>	<b>50,419,563</b>	<b>50,050,659</b>	<b>51,943,105</b>



## Fiscal Year 2016 Budget *flowing solutions*

### Budget Summary

#### EXPENSES



Expenses	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Personnel	12,246,705	13,283,555	14,078,959
Operating Supplies & Services	14,976,608	13,244,346	12,780,448
Maintenance & Repairs	3,264,615	3,688,177	3,887,138
Administrative & General	2,481,528	2,704,613	2,868,938
<b>Total Operating Expenses</b>	<b>32,969,456</b>	<b>32,920,691</b>	<b>33,615,483</b>
Interest Expense	5,059,004	5,111,136	4,934,974
Capital Outlay	698,118	1,283,650	1,504,643
Debt Service	10,406,652	6,265,010	5,742,911
<b>Grand Total Expenses</b>	<b>49,133,230</b>	<b>45,580,487</b>	<b>45,798,011</b>



**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>POWER SALES:</b>			
POWER SALES	2,299,828	2,303,556	3,728
FACILITY CHARGE	1,500,000	1,500,000	
CREDIT-OPER. INTEREST EARNINGS	(480)	(240)	240
<b>Total POWER SALES</b>	<b>3,799,348</b>	<b>3,803,316</b>	<b>3,968</b>
<b>WATER SALES &amp; LAKE OPERATIONS:</b>			
WATER SALES	4,653,693	4,938,167	284,474
PLANT O&M EXPENSES	5,431,928	5,529,529	97,600
ADMINISTRATIVE & GENERAL	880,097	988,656	108,559
WATER SALES-INEOS NITRILES G.L	213,756	219,933	6,177
R/W-RAW WATER PURCHASE	143,719	150,761	7,042
R/W-WATER TREATMENT	45,354	47,104	1,750
WATER SALES-1ST CROP	240,500	104,000	(136,500)
WATER SALES-2ND CROP RICE	12,190	10,000	(2,190)
WATER SALES-OTHER	26,000	18,000	(8,000)
WATER SALES-SPRINKLER IRRIGAT	24,000	27,000	3,000
CREDIT INTEREST EARNINGS	390,112	407,117	17,005
R/W-PLANT O&M INCOME	163,892	150,211	(13,681)
R/W-PLANT A&G INCOME	51,429	47,079	(4,350)
R/W-ADDS. TO PLANT & EQUIP	280,183	292,750	12,567
WATER SALES-POC ID	17,368	16,178	(1,190)
WATER SALES-CATFISH FARM	51,681	53,651	1,970
W/S UNION CARBIDE	12,958	13,458	500
WATER SALES-EXELON	33,433	34,723	1,290
W/S STRUCTURAL METALS	90,708	94,208	3,500
W/S NEW BRAUNFELS UTIL.	1,259,550	1,308,150	48,600
W/S CRYSTAL CLEAR WSC	103,667	107,667	4,000
W/S GOLF CLUB OF SEGUIN	3,240	3,365	125
W/S CANYON REGIONAL W.A.	1,553,768	1,608,578	54,811
W/S CANYON LAKE W.S.C.	829,333	861,333	32,000
W/S CITY OF SAN MARCOS	1,295,833	1,345,833	50,000
W/S GUADALUPE POWER,L.P.	886,350	920,550	34,200
W/S CITY OF KYLE	705,322	732,537	27,215
W/S GO FORTH WSC	129,583	134,583	5,000
W/S CITY OF BUDA WTC	319,293	331,613	12,320
W/S CITY OF FAIR OAKS	239,729	248,979	9,250
W/S SAN ANTONIO WTR. SYS.	918,595	950,084	31,489
W/S CITY OF BOERNE	467,925	485,980	18,055
W/S GBRA - COMAL TRACE	6,479	6,729	250
W/S SAN JOSE-PARK VILLAGE	41,726	43,336	1,610
W/S JACQUELYN COUSER	12,958	13,458	500
W/S BREMER RANCH, LTD	12,958	13,458	500
W/S CITY OF BLANCO	77,750	80,750	3,000

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
W/S FORESIGHT	37,579	39,029	1,450
W/S CORDILLERA RANCH, LTD.	194,375	201,875	7,500
W/S KENDALL CUC/TAPATIO SPRGS	97,188	100,938	3,750
W/S CITY OF BUDA	217,700	226,100	8,400
W/S D.H.INV-JOHNSON RANCH	116,625	121,125	4,500
W/S GOFORTH WSC	176,622	192,993	16,370
W/S H H RANCH PROPERTIES	32,396	33,646	1,250
W/S SUNFIELD	365,684	370,373	4,689
W/S MONARCH UTILITIES, LP	72,567	75,367	2,800
W/S LERIN DEVELOPMENT CO. INC	97,188	100,938	3,750
SMWTP CHARGES-KYLE	305,578	318,930	13,352
SMWTP CHARGES-GOFORTH WSC	83,950	105,142	21,192
SMWTP CHARGES-CITY OF BUDA	83,950	87,618	3,668
SMWTP CHARGES-MONARCH WSC	75,555	78,856	3,301
O&M RRWDS PIPELINE TRANSM.	842,067	916,499	74,432
O&M GPP PIPELINE TRANSM.	475,433	478,234	2,801
O&M IH35 P/L TRNSM-KYLE	172,054	203,940	31,886
O&M IH35 P/L TRNSM-GOFORTH	47,268	67,232	19,964
O&M-IH35 TWDS-BUDA	47,268	56,028	8,760
O&M IH35 P/L TRNSM-MONARCH	42,540	50,424	7,884
CREDIT-MISC. REVENUE	53,243	55,156	1,913
DEBT SERV REQ-INTEREST	165,295	166,066	771
DEBT SERVICE REQUIREMENTS	1,652,948	1,660,660	7,712
PL-DEBT SERVICE	208,949	55,054	(153,895)
R/W-DEBT SERVICE	55,759	28,687	(27,072)
PL-CREDIT-INT EARN.I&S FD	(540)	(300)	240
DEBT SERV REQ-WESTERN CANYON	5,320,693	5,322,716	2,023
DEBT SERV REQ-IH35	1,317,696	1,320,999	3,303
ADDS. TO PLANT AND EQUIP.	72,176	81,309	9,133
DEBT SERVICE - LU/LO PROJECT	404,711	408,572	3,861
POC-RAW WATER PURCHASES	17,368	15,182	(2,186)
POC-PLANT O&M INCOME	170,694	160,026	(10,668)
POC-PLANT A&G INCOME	20,896	19,819	(1,077)
POC-DEBT SERVICE	70,724	37,601	(33,123)
Old-Lu/Lo Debt Coverage Factor	8,026	3,622	(4,404)
DEBT COV. FACTOR-LU/LO PROJECT	40,470	40,855	385
LU/LO TREATMENT PLT CHRGS	496,193	523,436	27,243
W/S-LU/LO DELIVERY SYSTEM	142,240	143,429	1,189
CONTRA-SMWTP CHARGES	(505,956)	(541,072)	(35,116)
<b>Total WATER SALES &amp; LAKE OPERATIONS</b>	<b>34,922,232</b>	<b>35,666,612</b>	<b>744,380</b>
<b>RECREATION &amp; LAND USE:</b>			
RECREATION FEES	658,500	658,500	
HUNTING REVENUES	137,660	149,089	11,429

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total RECREATION &amp; LAND USE</b>	<b>796,160</b>	<b>807,589</b>	<b>11,429</b>
<b>WASTEWATER SERVICES:</b>			
PLANT O&M EXPENSES	3,378,907	3,757,977	379,070
ADMINISTRATIVE & GENERAL	157,818	167,899	10,081
SERVICE FEES-CITY OF SEGUIN	259,380	285,234	25,854
CREDIT INTEREST EARNINGS	(240)	(360)	(120)
CREDIT MISC. REVENUES	(285,000)	(300,160)	(15,160)
CREDIT INT ON I & S FUNDS	(1,080)	(1,080)	
DEBT SERVICE REQUIREMENTS	637,801	650,702	12,901
ADDS. TO PLANT AND EQUIP.	323,000	279,150	(43,850)
<b>Total WASTEWATER SERVICES</b>	<b>4,470,586</b>	<b>4,839,362</b>	<b>368,777</b>
<b>LABORATORY SERVICES:</b>			
LAB FEES - OPERATING	870,000	890,000	20,000
<b>Total LABORATORY SERVICES</b>	<b>870,000</b>	<b>890,000</b>	<b>20,000</b>
<b>RENTALS:</b>			
BUILDING RENTAL	37,343	33,943	(3,400)
LEASE REVENUES	75,000	76,000	1,000
EQUIP AND BUILDING	9,587	13,620	4,034
RENTALS - AG LEASES	1,600	1,600	
OFFICE EXPAN. BLDG RENTAL	230,460	191,920	(38,540)
<b>Total RENTALS</b>	<b>353,990</b>	<b>317,083</b>	<b>(36,906)</b>
<b>ADMIN &amp; GEN INCOME:</b>			
A & G - OPERATIONS	2,717,178	2,873,910	156,732
A & G - PROJECT DEVELOP.	156,740	269,073	112,333
<b>Total ADMIN &amp; GEN INCOME</b>	<b>2,873,918</b>	<b>3,142,983</b>	<b>269,065</b>
<b>MISCELLANEOUS INCOME:</b>			
PASS THROUGH ELEC. COSTS	300,000	379,524	79,524
SM GRNDWTR PASS THRU ELEC COST	83,993	109,186	25,193
PASS THROUGH CHEM COSTS	231,135	274,376	43,241
SM GRNDWTR PASS THRU CHEM COST	15,500	17,236	1,736
PASS THROUGH INSURANCE	41,400	41,400	
PASS THROUGH L.O.C	16,607	9,393	(7,214)
PASS THROUGH INSPECTION FEES	50,000	50,000	
SERVICE INCOME-MINI MART	195,248	422,153	226,905
SEWER CONNECT/INSPECT FEE-CO	215,850	192,110	(23,740)
CHARGES TO DEVELOPERS	157,278	60,591	(96,687)
RENEWABLE ENERGY CREDIT SALES	23,779	16,956	(6,823)

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
CAPITAL RECOVERY FEE-CANAL	2,760	3,600	840
CAPITAL RECOVERY FEE-RURAL WTR	2,760	3,600	840
HYDRO MODIFICATION PERMITS	15,000	18,000	3,000
CONCESSION/EVENTS REVENUE	13,000	21,000	8,000
MISCELLANEOUS REVENUES	373,500	672,397	298,897
CRESTVIEW TAP FEES	3,264	3,264	
TAP FEES	24,000	24,000	
MEMBERSHIP FEES	28,800	28,800	
<b>Total MISCELLANEOUS INCOME</b>	<b>1,793,874</b>	<b>2,347,586</b>	<b>553,712</b>
<b>TOTAL OPERATING REVENUES</b>	<b>49,880,107</b>	<b>51,814,531</b>	<b>1,934,424</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	1,533,736	1,633,972	100,236
SUPERVISION	2,090,494	2,342,943	252,449
LABOR	3,679,882	3,803,641	123,758
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>7,304,112</b>	<b>7,780,555</b>	<b>476,444</b>
<b>DIRECTOR'S FEES &amp; EXPENSES:</b>			
DIRECTORS' FEES	27,000	27,000	
DIRECTORS' EXPENSES	22,000	25,000	3,000
DIR. FEES-LEGISLATIVE ADV	2,000	500	(1,500)
DIR. EXPS-LEGISLATIVE ADV	2,000	500	(1,500)
DIRECTORS' ADM. EXPS.	17,500	17,500	
<b>Total DIRECTOR'S FEES &amp; EXPENSES</b>	<b>70,500</b>	<b>70,500</b>	
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	111,378	121,404	10,026
TRAVEL-LEGIS.ADVOCACY	1,000	100	(900)
TRAVEL - WATER QUALITY	1,500	3,000	1,500
TRAVEL EXP - NWRA	12,000	15,000	3,000
TRAVEL EXP - TWCA	11,000	15,000	4,000
TRAVEL-SAMPLE PICKUP	2,500	1,500	(1,000)
EMPLOYEE BENEFITS	3,788,891	4,013,378	224,487
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>3,928,269</b>	<b>4,169,382</b>	<b>241,113</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	206,375	210,098	3,723
AUTO OPERATING EXPENSES	28,000	24,000	(4,000)
BUILDING RENTAL	246,515	207,696	(38,818)
EQUIPMENT RENTAL	5,300	5,800	500

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
RIGHT-OF-WAY RENTALS	10,584	10,860	276
OFFICE RENTAL & EXPENSES	25,000	25,000	
SAN ANTONIO BAY FOUNDATION EXP	75,000	75,000	
GUADALUPE RIVER FOUNDATION EXP	3,000	5,000	2,000
ECONOMIC DEVELOPMENT	60,000	70,000	10,000
GBR TRUST EXPENSE	74,000	74,000	
PUBLIC INFORMATION	16,534	21,780	5,246
LEGISLATIVE ADVOCACY		5,000	5,000
GOVERNMENT RELATIONS	20,000	5,000	(15,000)
CHAMBER OF COMMERCE	35,000	35,000	
PC-MEDIA EXPENSES	6,000	6,000	
PC-ED/CONSV PROJ.MATERIAL	40,000	30,000	(10,000)
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	20,000	
PC-PECAN FEST	7,500	7,500	
PC-PROMOTIONAL MATERIAL	5,000	5,000	
DUES AND MEMBERSHIPS	36,335	42,045	5,710
DUES-LEGISLATIVE ADVOCACY	6,500	6,500	
PUBLICATIONS AND BOOKS	16,751	18,455	1,704
SMALL TOOLS EXPENSE	45,000	43,590	(1,410)
TRACTORS AND EQUIPMENT	40,284	40,764	480
BOAT OPERATING	324	324	
EMPLOYEE RELATIONS	15,000	20,000	5,000
EMP VOLUNTEER PROGRAM	35,000	35,000	
WATER METERS	41,000	21,500	(19,500)
UNIFORMS AND LAUNDRY	57,411	58,723	1,312
PROCESS/SPECIAL OPERATING	246,300	247,340	1,040
TRANSMISSION CHARGES	56,160	56,160	
BIOSOLIDS DISPOSAL COSTS	388,716	471,000	82,284
OUTSOURCED LAB ANALYSES	60,000	50,000	(10,000)
BAD DEBT EXPENSE	5,600	5,600	
GAUGING/MONITORING	215,400	220,176	4,776
TRAINING EXPENSES	123,826	122,556	(1,270)
LAB EMPLOYEE RETENTION EXPENSE		1,000	1,000
SAFETY & EMERG. EXPENSES	69,762	68,960	(802)
SAFETY BOOTS & GLASSES	3,200	3,200	
SECURITY EXPENSE	34,522	33,762	(760)
POWER AND UTILITIES	1,713,707	1,796,994	83,287
PUMP STATION POWER/UTILIT	44,292	44,292	
PARK POWER AND UTILITIES	48,000	52,300	4,300
POWER/UTIL-RRWDS PUMP STATION	450,000	530,000	80,000
POWER/UTIL-GPP PIPELINE	155,000	151,500	(3,500)
POWER/UTIL-IH35 PIPELINE	165,000	220,000	55,000
POWER & UTILITIES-RAW WATER	756,413	800,000	43,587
POWER & UTILITIES-AMMAN RD	158,385	160,000	1,615

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORKPLAN AND BUDGET  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
POWER & UTILITIES-FM3351	8,418	9,500	1,082
POWER/UTIL-LULING HIGH SERVICE	44,055	41,852	(2,203)
POWER/UTIL-LU/LO PROJECT	74,915	73,037	(1,878)
AUXILLARY POWER EXPENSE	17,368	20,808	3,440
HDQTRS POWER & UTILITIES	8,400	8,400	
GROUP SHELTER POWER&UTIL	1,200	900	(300)
SHOP/WELL PUMP UTILITIES	780	780	
SM GROUNDWATER POWER/UTILITIES	83,993	109,186	25,193
OPERATING CHEMICALS	26,180	26,310	130
CHLORINE	106,378	120,435	14,057
CHLORINE SM GROUNDWATER	14,000	15,736	1,736
ACTIVATED CARBON	2,400	2,400	
LIME	120	120	
SULFUR DIOXIDE	3,624	3,624	
FLOURIDE	13,068	12,075	(993)
FLOURIDE SM GROUNDWATER	1,500	1,500	
POTASSIUM PERMANGANATE	2,400	2,400	
AMMONIA	30,950	34,425	3,475
ALUM/FERRIC	690,903	699,821	8,918
POLYMER	31,056	54,967	23,911
SODIUM BISULFATE	20,300	16,800	(3,500)
FLUOSILICIC ACID	31,584	51,492	19,908
FERROUS CHLORIDE	1,200	1,200	
SODIUM CHLORITE	42,000	47,208	5,208
SODIUM HYDROXIDE	20,000	20,000	
ORTHOPHOSPHATE	33,000	33,000	
SODIUM HYPOCHLORITE	30,000	30,000	
LAB SUPPLIES & EXPENSES	323,696	361,721	38,025
WATER CONDITIONING	5,000	6,800	1,800
FREIGHT EXPENSES	13,000	10,000	(3,000)
APPARATUS EXPENSES	5,000	6,000	1,000
CHEMICAL EXPENSES	110,000	115,000	5,000
GAS CYLINDERS EXPENSES	4,000	5,000	1,000
PT EXPENSES	6,400	5,500	(900)
HAZ. WASTE DISPOSAL EXPENSES	4,500	6,000	1,500
C.I.P. DISPOSAL EXPENSES	104,000	85,000	(19,000)
NELAP - ACCREDIATION FEES	4,500	3,000	(1,500)
NELAP - PROFESSIONAL SERVICES	5,000	5,000	
PROFESSIONAL FEES	833,957	951,480	117,523
PROF. FEES-LEGIS. ADVOC.	273,000	270,300	(2,700)
PROF.FEES-PUBLIC COMMUNICATION	114,000	114,000	
CONTRACT LABOR	31,400	31,020	(380)
REGIONAL RWDS PROJECT EXPS.	55,500	49,490	(6,010)
MISC. PROJECT DEVELOPMENT	20,000	20,000	
MOBILE PRESS EXPS.		2,400	2,400
IH35 PIPELINE EXPS.	15,000	25,800	10,800
GPP PIPELINE EXPS.	18,300	18,900	600

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPER EXP-LU/LO PROJECT	2,250	2,250	
G. V. RECREATION EXPS.	14,500	15,000	500
LAKEWOOD RECREATION EXPS.	74,876	79,115	4,239
CRESTVIEW EXPENSES	22,000	26,400	4,400
CORDILLERA PLANT EXPENSES	1,000	1,000	
KENDALL CO. ALERT EXPS.	4,000	3,000	(1,000)
KERR CO. ALERT SYS. EXPS.	4,000	3,000	(1,000)
INSPECTION/TESTING FEES	123,537	126,836	3,299
SB. 818 ASSESSMENT-TCEQ	50,200	50,200	
ERCOT EXPENSES	500		(500)
WATERMASTER PAYMENT	176,790	161,790	(15,000)
FALLING WATER CHARGES	27,000	27,000	
COMMUNICATIONS	118,036	117,044	(992)
OFFICE SUPPLIES & EXPENSES	96,824	106,850	10,026
COMPUTER SUPPLIES & SERVICE	199,399	220,659	21,260
OFFICE SERVICES	20,500	20,500	
KITCHEN & JANITOR SUPPLY	12,530	12,030	(500)
WAREHOUSE & JANITOR SERV	4,000	4,000	
POSTAL EXPENSES	10,000	10,000	
REPRODUCTION/DUPPLICATING	43,500	43,000	(500)
OFFICE DECOR	2,500	2,500	
RECORDS MANAGEMENT	17,200	17,200	
GRAPHICS SUPPLIES	8,000	8,000	
SOFTWARE EXPENSES	19,000	22,800	3,800
STORAGE EXPENSE	120	100	(20)
COMPUTER-LIMS EXPENSE		5,000	5,000
BANK SERVICE FEES	41,450	42,800	1,350
SM LETTER OF CREDIT	16,607	9,393	(7,214)
CONCESSIONS & SPECIAL EVENT	14,616	15,788	1,172
ADMIN FEES-Canyon Lake WSC		5,400	5,400
INSURANCE EXPENSE	645,500	670,000	24,500
MISCELLANEOUS EXPENSES	68,226	72,716	4,490
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>11,063,402</b>	<b>11,663,233</b>	<b>599,832</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	2,051,175	2,129,021	77,846
MATERIAL	1,277,494	1,427,289	149,795
SERVICES	2,410,683	2,459,849	49,166
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>5,739,352</b>	<b>6,016,159</b>	<b>276,807</b>
<b>CREDITS:</b>			
EQUIPMENT USE CREDITS	(57,000)	(50,000)	7,000



**GUADALUPE-BLANCO RIVER AUTHORITY  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total CREDITS</b>	<b>(57,000)</b>	<b>(50,000)</b>	<b>7,000</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>28,048,634</b>	<b>29,649,830</b>	<b>1,601,196</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	2,704,613	2,868,938	164,325
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>2,704,613</b>	<b>2,868,938</b>	<b>164,325</b>
<b>WATER PURCHASES/DELIVERY:</b>			
INTERDIVISION WATER PURCH	1,015,213	1,046,715	31,502
INTERDIV WATER PURCH-RAW	39,000	50,000	11,000
<b>Total WATER PURCHASES/DELIVERY</b>	<b>1,054,213</b>	<b>1,096,715</b>	<b>42,502</b>
<b>PROJECT WRITE OFFS TO OPR EXP</b>	<b>1,113,231</b>		<b>(1,113,231)</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>32,920,691</b>	<b>33,615,483</b>	<b>694,792</b>
<b>NET OPERATING INCOME</b>	<b>16,959,417</b>	<b>18,199,048</b>	<b>1,239,632</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	49,880,107	51,814,531	1,934,424
OPERATING EXPENSES	(32,920,691)	(33,615,483)	(694,792)
<b>NET OPERATING INCOME</b>	<b>16,959,417</b>	<b>18,199,048</b>	<b>1,239,632</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON OPERATING FUNDS	94,068	75,732	(18,336)
INT ON FULLY FUNDED ACCTS	1,200	160	(1,040)
INT ON NOW ACCTS	1,788	1,476	(312)
INTEREST ON CITY OF SEGUIN N/R	18,668	16,778	(1,890)
INT ON LU/LO OPR FUND	6,600	4,860	(1,740)
INT ON I & S FUND	7,980	7,620	(360)
INT: I&S FUND,OFFICE EXP BOND	300	120	(180)
INT: I&S FUND,WEST CANYON BOND	1,200	1,200	
INT: I&S FUND,IH 35 BONDS	300	240	(60)
INT: RESERVE FUND,IH35 BONDS	14,400	6,000	(8,400)
INT: W.CANYON RATE STABILIZ.	21,600	12,000	(9,600)
INT: IH35 RATE STABILIZATION	1,380	1,560	180
INT: MID-BASIN RESERVE (WIF)	1,020	780	(240)
INT: MID-BASIN I&S	48	48	
<b>Total INTEREST INCOME</b>	<b>170,552</b>	<b>128,574</b>	<b>(41,978)</b>
<b>CAPITAL CONTRIBUTIONS:</b>			
GOVERNMENT GRANTS & STATE FUND	450,000	3,786,000	3,336,000
CLEAN RIVERS PROGRAM FUNDS	135,378	135,378	
ENVIRONMENTAL PROGRAM FUNDS	477,648	477,648	
<b>Total CAPITAL CONTRIBUTIONS</b>	<b>1,063,026</b>	<b>4,399,026</b>	<b>3,336,000</b>
<b>INTEREST &amp; BANK FEES:</b>			
INT ON REVENUE BONDS	(120,524)	(96,629)	23,895
INT ON LONG TERM LOAN	(97,128)	(80,376)	16,752
INT- 2011 REFUNDING BONDS	(346,285)	(332,135)	14,150
INT ON CLEARWELL LOAN	(13,920)	(13,104)	816
INT ON DISCOUNT AMORT.	(144,168)	(135,264)	8,904
INT- REG RWDS EXPAN-2007 BONDS	(798,780)	(783,732)	15,048
INT ON EXP-SSB (FLOOD LOAN)	(32,040)	(30,732)	1,308
INT ON OFFICE EXPAN LOANS	(8,076)	(1,672)	6,404
INT ON MID BASIN PROJECT BONDS	(37,608)	(37,608)	
INT ON WSTRN CANYON BONDS	(2,694,909)	(2,625,499)	69,410
INT ON IH 35 BONDS	(651,651)	(640,486)	11,165
INT EXP - LU/LO PROJECT	(166,047)	(157,737)	8,310

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORKPLAN AND BUDGET  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total INTEREST &amp; BANK FEES</b>	<b>(5,111,136)</b>	<b>(4,934,974)</b>	<b>176,162</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>(3,877,558)</b>	<b>(407,374)</b>	<b>3,470,184</b>
<b>CHANGE IN NET ASSETS</b>	<b>13,081,859</b>	<b>17,791,674</b>	<b>4,709,816</b>
<b>CHANGE IN RESTRICTED FUNDS</b>	<b>819,332</b>	<b>686,000</b>	<b>(133,332)</b>
<b>INTERFUND LOANS</b>			
GENERAL LOANS PAID		21,800	21,800
<b>Total INTERFUND LOANS</b>		<b>21,800</b>	<b>21,800</b>
<b>DEBT CAPITAL</b>			
BANK LOAN-EMERGENCY GENERATORS	105,000		(105,000)
EQUIPMENT LOANS	31,000		(31,000)
BANK LOANS	228,000	750,000	522,000
BANK LOAN-NEW EQUIP	240,000	405,000	165,000
GENERAL LOANS	380,000	11,500	(368,500)
<b>Total DEBT CAPITAL</b>	<b>984,000</b>	<b>1,166,500</b>	<b>182,500</b>
<b>TOTAL FUNDS AVAILABLE</b>	<b>14,885,191</b>	<b>19,665,975</b>	<b>4,780,784</b>
<b>PURCHASES OF FIXED ASSETS</b>			
STRUCTURES & IMPROVEMENTS	30,000	80,000	50,000
SPECIALIZED OPER. EQUIPMENT	75,000	160,000	85,000
AUTO & HEAVY EQUIPMENT	608,200	277,000	(331,200)
OFFICE FURN & EQUIPMENT	213,000	123,643	(89,357)
MISCELLANEOUS EQUIPMENT	357,450	864,000	506,550
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>1,283,650</b>	<b>1,504,643</b>	<b>220,993</b>
<b>WORK IN PROGRESS</b>			
WIP-OPERATING	1,677,575	2,373,759	696,183
<b>Total WORK IN PROGRESS</b>	<b>1,677,575</b>	<b>2,373,759</b>	<b>696,183</b>
<b>CHANGE IN RESTRICTED FUNDS</b>	<b>1,012,381</b>	<b>1,005,878</b>	<b>(6,503)</b>
<b>INTERFUND LOANS:</b>			
HYDRO GEN LOANS MADE	11,000	11,500	500
RUD LOANS MADE	367,000		(367,000)
COLETO CRK REC LOANS MADE	2,000	21,800	19,800

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORKPLAN AND BUDGET  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total INTERFUND LOANS</b>	<b>380,000</b>	<b>33,300</b>	<b>(346,700)</b>
<b>PROJECT DEVELOPMENT</b>	<b>4,078,417</b>	<b>8,543,087</b>	<b>4,464,670</b>
<b>DEBT SERVICE</b>			
BONDS PAID	5,241,594	5,209,161	(32,433)
LOANS PAID	1,023,416	533,750	(489,666)
<b>Total DEBT SERVICE</b>	<b>6,265,010</b>	<b>5,742,911</b>	<b>(522,099)</b>
<b>TOTAL FUNDS APPLIED</b>	<b>14,697,033</b>	<b>19,203,577</b>	<b>4,506,544</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>188,157</b>	<b>462,397</b>	<b>274,240</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	928,344	1,007,026	78,682
STA- CLERICAL	309,953	331,283	21,330
STA/SUP- NWRA	19,238	19,815	577
STA/SUP- TWCA	19,238	19,815	577
STA/CLR- RRWDS PIPELINE	1,458		(1,458)
STA/SUP- GPP PIPELINE	486		(486)
STA/CLR- GV RECREATION	3,750	4,056	306
STA/SUP- IH35 PIPELINE	480	384	(96)
STA/SUP- GBR TRUST	10,677	6,745	(3,932)
STA/CLR- GBR TRUST	1,830	2,013	183
STA/SUP-SA BAY FOUNDATION	4,289	1,236	(3,053)
STA/CLR-SA BAY FOUNDATION	4,165	4,971	806
STA/SUP-GUAD RIVER FOUNDATION	13,565	15,372	1,807
STA/CLR-GUAD RIVER FOUNDATION	1,781	2,037	256
STA/CLR- PUBLIC INFORM	102,641	107,294	4,652
STA/SUP- PUBLIC INFORM	108,215	108,979	763
OVT- STAFF PUBLIC INFORM	3,624	2,946	(678)
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>1,533,736</b>	<b>1,633,972</b>	<b>100,236</b>
<b>SUPERVISION:</b>			
SUPERVISION	1,705,833	1,958,970	253,137
SUP- ANALYTICAL	90,066	44,324	(45,743)
SUP- SUPPORT	32,937	56,015	23,078
SUP- CRESTVIEW	6,168	6,391	222
SUP- COMAL WATER COMPANY	5,301	5,485	184
SUP- GV RECREATION	11,792	6,020	(5,772)
SUP- LAKEWOOD RECREATION	1,171	1,292	121
SUP- SAFETY & TRAINING	20,582	23,854	3,272
SUP- MEDIA	1,273	1,840	567
SUP- LIMS SUPPORT		8,039	8,039
SUP- IH35 PIPELINE	686	714	27
SUP- EMPLOYEE RELATIONS	292	858	566
SUP- GBR TRUST	78,005	84,624	6,619
SUP-SA BAY FOUNDATION	104,418	111,138	6,721
SUP- LU/LO PROJECT	686	714	27
SUP- GROUND WATER SYSTEM	31,282	32,666	1,384
<b>Total SUPERVISION</b>	<b>2,090,494</b>	<b>2,342,943</b>	<b>252,449</b>
<b>OPERATING LABOR:</b>			
CLERICAL	522,371	441,914	(80,457)
REG- OPERATING LABOR	2,095,204	2,251,535	156,331
REG- MISC LABOR	136,370	123,623	(12,746)
CLR- OPERATING LABOR	183,140	189,801	6,661

**GUADALUPE-BLANCO RIVER AUTHORITY  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
REG- ATTENDANT'S DUTIES	84,126	95,185	11,059
REG- LABORATORY LABOR	56,787	59,679	2,892
REG- MISC LABOR	2,640	1,679	(961)
REG- PRESS OPERATIONS LABOR	55,251	52,130	(3,122)
REG- SAFETY & TRAINING	46,788	63,170	16,382
REG- IH35 PIPELINE LABOR	36,973	39,880	2,907
REG- LIMS SUPPORT		12,647	12,647
CLR- EMPLOYEE RELATIONS	1,575	2,670	1,095
REG-SA BAY FOUNDATION	9,848	4,187	(5,661)
REG- LU/LO PROJECT LABOR	20,934	22,459	1,525
REG- GROUND WATER SYSTEM	33,543	36,159	2,616
OVT- CLERICAL LABOR	10,219	4,086	(6,132)
OVT- OPERATING LABOR	275,486	287,724	12,238
OVT- CLERICAL LABOR	109	114	5
OVT- ATTENDANTS DUTIE	4,605	5,978	1,373
OVT- LABORATORY LABOR	1,481	1,535	54
OVT- PRESS OPERATIONS	9,297	9,656	359
OVT- SAFETY & TRAINING LBR	8,661	9,353	692
OVT- LU/LO PROJECT LBR	3,612	3,801	190
REG- WORKING HOLIDAY LABOR	40,449	43,365	2,917
REG-WORKING HOLIDAY CONTROL RM	30,198	31,569	1,371
REG- WKG HOL ATTENDANTS DUTIE	2,204	1,857	(347)
REG- WORKING HOL SUPPLY CHIEF	1,776	1,857	81
REG- WRKG HOL BIOSOLIDS PRESS	4,415	4,580	165
REG- WORKING HOL IH35 PIPELINE	428		(428)
REG- WORK.HOL. LBR-GRND WATER	1,393	1,447	54
<b>Total OPERATING LABOR</b>	<b>3,679,882</b>	<b>3,803,641</b>	<b>123,758</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- BRUMLEY WELL	39,005	40,560	1,555
REG/LBR- GLENWOOD WELL	3,000	3,120	120
REG/LBR- REMOVE LOG JAMS	15,002	15,600	598
REG/LBR- WORK BOAT	1,200	1,248	48
REG/LBR- PUMPS	3,000	3,370	369
REG/LBR- DIV. ROADS&BRIDG		1,248	1,248
REG/LBR- RRWDS PIPELINE	61,190	63,397	2,208
REG/LBR- GPP PIPELINE	31,505	32,643	1,138
REG/LBR- G.V. RECREATION	26,725	27,557	832
REG/LBR- PWR HOUSES & EQUIP	48,740	50,323	1,583
REG/LBR- IH35 PIPELINE	9,675	10,201	525
REG/LBR- CRESTVIEW	6,561	9,051	2,490
REG/LBR- LU/LO PROJECT	4,196	4,466	270
REG/LBR- GROUND WATER SYSTEM	11,163	11,985	821
REG/LBR- PENSTK CONDUIT	13,939	14,492	554
REG/LBR- TURBINE INSP	13,939	14,492	554

**GUADALUPE-BLANCO RIVER AUTHORITY  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
REG/LBR- GENERATORS	13,939	14,492	554
REG/LBR- GUAD.CO.RAIN TELEMETR	13,939	14,492	554
REG/LBR- OTHER	1,617,698	1,676,803	59,105
<b>Total M&amp;R-LABOR</b>	<b>1,934,417</b>	<b>2,009,542</b>	<b>75,124</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- YARD & GROUNDS	4,501	4,680	179
OVT/LBR- RRWDS PIPELINE	4,785	4,961	176
OVT/LBR- GPP PIPELINE	3,559	3,692	133
OVT/LBR- G.V. RECREATION	3,903	4,027	124
OVT/LBR- CRESTVIEW	189	197	7
OVT/LBR- GROUND WATER SYSTEM	496	530	34
OVT/LBR- OTHER	96,436	98,123	1,686
<b>Total M&amp;R-OVERTIME</b>	<b>113,871</b>	<b>116,210</b>	<b>2,340</b>
<b>M&amp;R-WORKING HOLIDAY PAY:</b>			
HOL/LBR- OTHER	2,887	3,269	383
<b>Total M&amp;R-WORKING HOLIDAY PAY</b>	<b>2,887</b>	<b>3,269</b>	<b>383</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>2,051,175</b>	<b>2,129,021</b>	<b>77,846</b>
<b>WORK IN PROGRESS</b>			
<b>WIP-SUPERVISION:</b>			
WIP/SUP-OTH CAL CO PCT #1	12,077	15,268	3,192
<b>Total WIP-SUPERVISION</b>	<b>12,077</b>	<b>15,268</b>	<b>3,192</b>
<b>Total WORK IN PROGRESS</b>	<b>12,077</b>	<b>15,268</b>	<b>3,192</b>
<b>PROJECT DEVELOPMENT</b>			
<b>PD-STAFF:</b>			
CRP-PUBLIC PART-STAFF	3,195		(3,195)
ENVIRONMENTAL LCUB-STAFF	21,660	19,978	(1,681)
319 RIVER NETWORK-STAFF	436	604	169
LOWER BASIN LITIGATION-STAFF	19,427	6,576	(12,851)
OUTDOOR LEARNING CNTR-STAFF		1,737	1,737
CRP QUALITY ASSURANCE-STAFF		1,413	1,413
CRP PUBLIC PARTICIPATION-STAFF	520	5,385	4,865
WATER ENERGY NEXUS PRJ-STAFF	23,694	63,374	39,680
LOWER BASIN PERMIT AMEND-STAFF	1,562	2,528	966
LOWER BASIN PROJ ADM-STAFF		31,200	31,200
CANYON GORGE PROJECT-STAFF	6,316	7,276	960



**GUADALUPE-BLANCO RIVER AUTHORITY  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
4S RANCH-STAFF	4,375		(4,375)
PARK VILLAGE-STAFF	4,375		(4,375)
UB LK MGMT&AQUATIC CNTL-STAFF		1,560	1,560
PLUM CREEK OUTREACH-STAFF	1,069	2,224	1,155
PLUM CREEK MONITORING-STAFF	639	1,339	701
FM 110 P/L RELOC-REIMB-STAFF		119,935	119,935
FM 110 P/L -NONREIMB-STAFF		15,600	15,600
FM-183 UTLY RELOCATE-STAFF		15,600	15,600
FM-725 UTLY RELOCATE-STAFF		15,600	15,600
MID-BASIN PROJECT-STA	2,140	25,928	23,788
GERONIMO CREEK WPP-STAFF	2,561	8,788	6,227
<b>Total PD-STAFF</b>	<b>91,968</b>	<b>346,645</b>	<b>254,678</b>
<b>PD-SUPERVISION &amp; LABOR:</b>			
CRP-PUBLIC PART-NON GEN EMPL	145		(145)
GBRA UNIVERSITY-NON GENERAL EM	3,090		(3,090)
ENVIRONMENTAL LCUB-NON GE	5,384	864	(4,520)
SB2 IN-STREAM FLOW-NON-GENERAL	7,942	5,210	(2,732)
LOWER BASIN LITIGAT-NON GEN	7,341	1,680	(5,661)
LOWER BASIN HERITAGE-NON-GENER	13,248		(13,248)
PC WATERSHED COORDINAT-NON GEN	5,764	10,603	4,839
PC GC ISOTOPE STUDY-NON GEN	5,764	10,603	4,839
REAL HOG FARM PROJ-NON GEN EMP	12,534	22,511	9,977
CRP PROJECT ADMIN-NON GEN EMPL	360	662	302
CRP QUALITY ASSURANCE-NON GEN	3,084	13,591	10,507
CRP MONITORING-NON GEN EMPL	8,534	16,660	8,127
CRP INFO CLEARINGHOUSE-NON GEN	1,222	1,974	752
CRP ISSUES & CAUSES-NON GEN EM	360	662	302
CRP PUBLIC PARTICIPATION-NON G	995	1,648	653
BULVERDE AREA WW-NON GEN EMP	9,107		(9,107)
LAKE MGMT ENHANCEMENT-NON-GENE	3,183	3,279	96
LAKE MGMT GOAT PROJECT-NON GEN	11,855	21,696	9,842
LB LK MGMT&AQUATIC CNTL-NON-GE	1,373	1,414	41
MISC PROJ DEV-NON GEN EMPL	19,341		(19,341)
GUAD/HAYS/CALD WW CCNS-NON-GEN	2,056	2,879	823
WATER ENERGY NEXUS PRJ-NON-GEN	41,340	35,603	(5,736)
MID-BASIN HDR-NON-GEN	1,389	745	(643)
MID-BASIN GRANT STDY-NON-GEN	33,420		(33,420)
WINFIELD-NON GEN EMP	3,183		(3,183)
LOWER BASIN PERM AM.-NON GEN E	10,604	10,921	318
LOWER BASIN PROJ AD-NON GEN EM		10,400	10,400
JOHNSON RCH WWTP RGLZ-NON GEN	17,970		(17,970)
WATER SUPPLY ALTERNATIVE-NON-G	9,788	6,721	(3,067)
4S RANCH-NON-GENERAL	2,056		(2,056)
PARK VILLAGE-NON-GENERAL	2,056		(2,056)
WATER & WW INV-NON GEN EMPL	6,525	7,225	700

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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
UB LK MGMT&AQUATIC CNTL-NONGEN	11,506	11,795	289
DUNLAP AREA MASTER PLAN-SUPERV	5,924	5,438	(487)
PLUM CREEK MONITORING-NON GEN	28,404	54,477	26,073
PLUM CREEK PROJ ADM-NON GEN EM	1,394	1,450	56
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
TRI-COMMUNITY WSC- NON-GEN EMP	408		(408)
WATER CO ACQUISITIONS-NON GEN	12,330	12,755	425
INDUSTRIAL DEV PROJECT-NON-GEN	18,661	19,221	561
MID-BASIN PROJECT-NON-GEN EMPL	13,356	75,254	61,898
CANYON WW MASTER PLAN-NON-GEN	10,478		(10,478)
GERONIMO CREEK WPP-NON GEN EMP	29,531	52,620	23,090
<b>Total PD-SUPERVISION &amp; LABOR</b>	<b>383,002</b>	<b>468,727</b>	<b>85,724</b>
<b>Total PROJECT DEVELOPMENT</b>	<b>474,970</b>	<b>815,372</b>	<b>340,402</b>
<b>TOTAL SALARIES &amp; WAGES</b>	<b>9,842,333</b>	<b>10,740,217</b>	<b>897,884</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- BRUMLEY WELL	39,005	40,560	1,555
REG/LBR- GLENWOOD WELL	3,000	3,120	120
REG/LBR- REMOVE LOG JAMS	15,002	15,600	598
REG/LBR- WORK BOAT	1,200	1,248	48
REG/LBR- PUMPS	3,000	3,370	369
REG/LBR- DIV. ROADS&BRIDG		1,248	1,248
REG/LBR- RRWDS PIPELINE	61,190	63,397	2,208
REG/LBR- GPP PIPELINE	31,505	32,643	1,138
REG/LBR- G.V. RECREATION	26,725	27,557	832
REG/LBR- PWR HOUSES & EQUIP	48,740	50,323	1,583
REG/LBR- IH35 PIPELINE	9,675	10,201	525
REG/LBR- CRESTVIEW	6,561	9,051	2,490
REG/LBR- LU/LO PROJECT	4,196	4,466	270
REG/LBR- GROUND WATER SYSTEM	11,163	11,985	821
REG/LBR- PENSTK CONDUIT	13,939	14,492	554
REG/LBR- TURBINE INSP	13,939	14,492	554
REG/LBR- GENERATORS	13,939	14,492	554
REG/LBR- GUAD.CO.RAIN TELEMETR	13,939	14,492	554
REG/LBR- OTHER	1,617,698	1,676,803	59,105
OVT/LBR- YARD & GROUNDS	4,501	4,680	179
OVT/LBR- RRWDS PIPELINE	4,785	4,961	176
OVT/LBR- GPP PIPELINE	3,559	3,692	133
OVT/LBR- G.V. RECREATION	3,903	4,027	124
OVT/LBR- CRESTVIEW	189	197	7
OVT/LBR- GROUND WATER SYSTEM	496	530	34
OVT/LBR- OTHER	96,436	98,123	1,686
HOL/LBR- OTHER	2,887	3,269	383
<b>Total LABOR</b>	<b>2,051,175</b>	<b>2,129,021</b>	<b>77,846</b>
<b>MATERIAL:</b>			
M&R/MAT- GROUNDSKEEPING	49,172	37,872	(11,300)
M&R/MAT- GEN. OFFICE BLDG	25,080	20,444	(4,636)
M&R/MAT- STORAGE TANKS	66,324	95,224	28,900
M&R/MAT- CHEM FEED EQUIP	24,699	14,700	(9,999)
M&R/MAT- INSTRUMENTATION	54,246	61,046	6,800
M&R/MAT- MOTORS	45,264	44,064	(1,200)
M&R/MAT- CLARIFIERS	37,860	38,700	840
M&R/MAT- CHLORINATION	22,384	23,344	960
M&R/MAT- TOOLS & EQUIP.	53,719	53,558	(161)
M&R/MAT- METERS	106,220	113,617	7,397
M&R/MAT- GATES & VALVES	57,922	62,898	4,976
M&R/MAT- TRUCKS	34,090	37,690	3,600
M&R/MAT- NON/POTABLE WS	48,204	47,402	(802)
M&R/MAT- PUMPS	50,968	55,964	4,996

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CONSOLIDATED - WORKPLAN AND BUDGET  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
M&R/MAT- PROCESS UNIT CLEANING	19,290	18,490	(800)
M&R/MAT- MOTORS	16,042	17,022	980
M&R/MAT- ROADS	12,434	14,810	2,376
M&R/MAT- SAFETY WORK	18,320	18,980	660
M&R/MAT- NON-POT WTR SYS.	6,948	9,184	2,236
M&R/MAT- POTABLE WTR SYS.	13,330	12,130	(1,200)
M&R/MAT- RADIO EQUIP.	10,200	9,000	(1,200)
M&R/MAT- STRUCTURE MAINT.	11,756	20,536	8,780
M&R/MAT- U.V.DISINFECTION	59,432	112,516	53,084
M&R/MAT- ELECTRICAL	18,592	16,376	(2,216)
M&R/MAT- AERATION	49,508	66,848	17,340
M&R/MAT- WELLS	39,000	40,200	1,200
M&R/MAT- WATER LINE	35,910	9,414	(26,496)
M&R/MAT- INSTRUMENTATION	3,420	3,420	
M&R/MAT- CAMPING CABINS	6,360	6,360	
M&R/MAT- GEN. OFFICE BLDG	2,930	11,090	8,160
M&R/MAT- MOW PROPERTIES	1,600	1,600	
M&R/MAT- POISON PROPERTIE	2,062	2,062	
M&R/MAT- ROADS & BRIDGES	5,680	5,680	
M&R/MAT- FENCES	5,620	4,300	(1,320)
M&R/MAT- CLEAN PROPERTIES	3,660	3,660	
M&R/MAT- FISHERY & WILDLIFE	2,100	2,340	240
M&R/MAT- UNIT 96	540	540	
M&R/MAT- PENSTK CONDUIT I	6,800	6,000	(800)
M&R/MAT- TURBINE INSPECTI	4,100	3,300	(800)
M&R/MAT- GENERATOR	7,508	7,508	
M&R/MAT- TURBINE/GOVERNOR	20,700	19,900	(800)
M&R/MAT- DISSOLVED OXYGEN	1,180	1,180	
M&R/MAT- SWITCHGEAR	1,200	13,200	12,000
M&R/MAT- WEIR	200	200	
M&R/MAT- MEMBRANE SYSTEM	60,000	55,000	(5,000)
M&R/MAT- FLOC	1,000	1,500	500
M&R/MAT- UNIT 49	240	240	
M&R/MAT- UNIT 50	240	240	
M&R/MAT- CONTROL SYSTEM	10,480	10,480	
M&R/MAT- COMMUNICATION SY	15,480	15,480	
M&R/MAT- UNIT 53	100	100	
M&R/MAT- SAFETY WORK	480	600	120
M&R/MAT- CASE BACKHOE	1,200	1,200	
M&R/MAT- ALL TERRAIN VHCL	480	600	120
M&R/MAT- KUBOTA TRACTOR #1	480		(480)
M&R/MAT- SUBSTATIONS	32,360	32,120	(240)
M&R/MAT- TRANS. LINES	2,000	2,000	
M&R/MAT- WYLIE TRACTR SPRA	400	400	
M&R/MAT- BIG TRACTOR	360	240	(120)
M&R/MAT- SCHREDDERS	720	720	
M&R/MAT- R.W. PUMP STATION	12,000	12,000	

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORKPLAN AND BUDGET  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
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	
M&R/MAT- WATER SYSTEM	15,500	24,500	9,000
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	8,000	35,000	27,000
SEWER LINE	4,000	4,000	
M&R/MAT- DISTRIBUTION SYSTEM	10,000	19,000	9,000
M&R/MAT- MAINT EXPENSES	7,000	15,000	8,000
M&R/MAT- OTHER	5,900	6,000	100
<b>Total MATERIAL</b>	<b>1,277,494</b>	<b>1,427,289</b>	<b>149,795</b>
<b>SERVICES:</b>			
M&R/SER- GROUNDSKEEPING	204,584	195,468	(9,116)
M&R/SER- GEN. OFFICE BLDG	451,586	422,148	(29,438)
M&R/SER- STORAGE TANKS	32,504	42,258	9,754
M&R/SER- CHEM FEED EQUIP	19,963	22,063	2,100
M&R/SER- INSTRUMENTATION	146,930	189,430	42,500
M&R/SER- MOTORS	31,388	31,388	
M&R/SER- CLARIFIERS	47,030	48,730	1,700
M&R/SER- CHLORINATION	12,204	13,404	1,200
M&R/SER- TOOLS & EQUIP.	59,424	59,126	(298)
M&R/SER- METERS	130,552	130,232	(320)
M&R/SER- GATES & VALVES	102,160	114,156	11,996
M&R/SER- TRUCKS	90,902	86,558	(4,344)
M&R/SER- NON/POTABLE WS	90,990	87,728	(3,262)
M&R/SER- PUMPS	63,320	67,420	4,100
M&R/SER- PROCESS UNIT CLEANING	18,702	8,822	(9,880)
M&R/SER- MOTORS	51,840	20,582	(31,258)
M&R/SER- ROADS	84,660	73,524	(11,136)
M&R/SER- SAFETY WORK	12,798	13,398	600
M&R/SER- NON-POT. WTR SYS	4,020	2,880	(1,140)
M&R/SER- POTABLE WTR SYS.	14,684	15,080	396
M&R/SER- RADIO EQUIP.	10,860	8,660	(2,200)
M&R/SER- STRUCTURE MAINT.	18,680	18,680	
M&R/SER- U.V.DISINFECTION	43,780	55,132	11,352
M&R/SER- ELECTRICAL	31,476	47,876	16,400
M&R/SER- AERATION	21,500	18,660	(2,840)
M&R/SER- WELLS	46,620	50,480	3,860
M&R/SER- WATER LINE	10,510	10,510	

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
M&R/SER- INSTRUMENTATION	2,580	2,580	
M&R/SER- CAMPING CABINS	3,420	3,420	
M&R/SER- GEN. OFFICE BLDG	23,606	30,926	7,320
M&R/SER- MOW PROPERTIES	47,480	55,480	8,000
M&R/SER- POISON PROPERTIE	1,200	3,020	1,820
M&R/SER- ROADS & BRIDGES	5,100	3,900	(1,200)
M&R/SER- FENCES	23,000	23,000	
M&R/SER- CLEAN PROPERTIES	13,090	12,590	(500)
M&R/SER- UNIT 96	540	540	
M&R/SER- PENSTK CONDUIT I	18,500	17,500	(1,000)
M&R/SER- TURBINE INSPECTI	6,140	4,140	(2,000)
M&R/SER- GENERATOR	26,900	19,140	(7,760)
M&R/SER- TURBINE/GOVERNOR	7,300	6,300	(1,000)
M&R/SER- DISSOLVED OXYGEN	12,680	12,680	
M&R/SER- SWITCHGEAR	13,000	13,000	
M&R/SER- MEMBRANE SYSTEM	15,000	15,000	
M&R/SER- FLOC	500	500	
M&R/SER- UNIT 49	240	240	
M&R/SER- UNIT 50	1,200	240	(960)
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	1,800	
M&R/SER- SAFETY WORK	480	600	120
M&R/SER- CASE BACKHOE	3,000	3,000	
M&R/SER- ALL TERRAIN VHCL	480	600	120
M&R/SER- KUBOTA TRACTOR #1	480		(480)
M&R/SER- SUBSTATIONS	53,000	53,000	
M&R/SER- TRANS. LINES	40,000	40,000	
M&R/SER- WYLIE TRACTR SPRA	2,000	2,000	
M&R/SER- BIG TRACTOR	2,400	360	(2,040)
M&R/SER- R.W. PUMP STATION	40,000	40,000	
M&R/SER- SMALL EQUIPMENT	3,000	3,000	
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	7,000	
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 PUMP	8,000	8,000	
M&R/SER- SEWER LINE	2,500	2,500	
M&R/SER- DISTRIBUTION SYSTEM	5,000	5,000	
M&R/SER- MAINT EXPENSES	8,000	18,000	10,000

**GUADALUPE-BLANCO RIVER AUTHORITY  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
M&R/SER- OTHER	78,740	116,740	38,000
<b>Total SERVICES</b>	<b>2,410,683</b>	<b>2,459,849</b>	<b>49,166</b>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>5,739,352</b>	<b>6,016,159</b>	<b>276,807</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORKPLAN AND BUDGET  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>PROJECT DEVELOPMENT</b>			
CRP-PUBLIC PART-STAFF	3,195		(3,195)
CRP-PUBLIC PART-BENEFITS	1,353		(1,353)
CRP-PUBLIC PART-A&G	1,102		(1,102)
CRP-PUBLIC PART-NON GEN EMPL	145		(145)
<b>Total</b>	<b>5,795</b>		<b>(5,795)</b>
GBRA UNIVERSITY-BENEFITS	1,251		(1,251)
GBRA UNIVERSITY-A&G	1,020		(1,020)
GBRA UNIVERSITY-NON GENERAL EM	3,090		(3,090)
<b>Total</b>	<b>5,361</b>		<b>(5,361)</b>
ENVIRONMENTAL LCUB-STAFF	21,660	19,978	(1,681)
ENVIRONMENTAL LCUB-BENEFI	10,953	8,441	(2,512)
ENVIRONMENTAL LCUB-TRAVEL	1,000	1,000	
ENVIRONMENTAL LCUB-A&G	8,924	6,878	(2,047)
ENVIRONMENTAL LCUB-NON GE	5,384	864	(4,520)
ENVIRONMENTAL LCUB-PRO FE	20,000	7,500	(12,500)
ENVIRONMENTAL LCUB-SERVIC	10,000		(10,000)
ENVIRONMENTAL LCUB-MAT'L	1,500	12,500	11,000
ENVIRONMENTAL LCUB-OTHER	2,500	2,500	
<b>Total</b>	<b>81,920</b>	<b>59,661</b>	<b>(22,260)</b>
319 RIVER NETWORK-STAFF	436	604	169
319 RIVER NETWORK-BENEFITS	177	245	68
319 RIVER NETWORK-A&G	144	199	56
<b>Total</b>	<b>756</b>	<b>1,049</b>	<b>292</b>
DROUGHT PLANNING-TRAVEL	500	250	(250)
DROUGHT PLANNING-SERVICE	500	250	(250)
DROUGHT PLANNING-MAT'L	2,000	1,000	(1,000)
<b>Total</b>	<b>3,000</b>	<b>1,500</b>	<b>(1,500)</b>
SB3- ENVIRONMNTL FLOWS-ENG	10,000	15,000	5,000



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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>10,000</b>	<b>15,000</b>	<b>5,000</b>
SB2 IN-STREAM FLOW-ENG	15,000	5,000	(10,000)
SB2 IN-STREAM FLOW-BENEFITS	3,217	2,110	(1,107)
SB2 IN-STREAM FLOW-A&G	2,621	1,719	(902)
SB2 IN-STREAM FLOW-NON-GENERAL	7,942	5,210	(2,732)
<b>Total</b>	<b>28,780</b>	<b>14,039</b>	<b>(14,740)</b>
LOWER BASIN LITIGATION-STAFF	19,427	6,576	(12,851)
LOWER BASIN LITIGATION-LEGA	375,000	375,000	
LOWER BASIN LITIGATION-BENEFI	10,841	3,344	(7,497)
LOWER BASIN LITIGATION-A&G	8,834	2,725	(6,109)
LOWER BASIN LITIGAT-NON GEN	7,341	1,680	(5,661)
<b>Total</b>	<b>421,443</b>	<b>389,325</b>	<b>(32,118)</b>
LOWER BASIN HERITAGE-BENEFITS	5,365		(5,365)
LOWER BASIN HERITAGE-TRAVEL	500		(500)
LOWER BASIN HERITAGE-A&G	4,372		(4,372)
LOWER BASIN HERITAGE-NON-GENER	13,248		(13,248)
LOWER BASIN HERITAGE-SERVICE	40,000		(40,000)
LOWER BASIN HERITAGE-MAT'L	5,000		(5,000)
<b>Total</b>	<b>68,485</b>		<b>(68,485)</b>
PC WATERSHED COORDINATOR-ENG	85,300	85,300	
PC WATERSHED COORDINATOR-BENEF	2,334	4,294	1,960
PC WATERSHED COORDINATE-TRAVEL	15,000	15,000	
PC WATERSHED COORDINATOR-A&G	1,902	3,499	1,597
PC WATERSHED COORDINAT-NON GEN	5,764	10,603	4,839
PC WATERSHED COORDINATOR-OTHER	26,747	26,747	
<b>Total</b>	<b>137,047</b>	<b>145,443</b>	<b>8,396</b>
PC GC ISOTOPE STUDY-ENG	54,000	54,000	
PC GC ISOTOPE STUDY-BENEFITS	2,334	4,294	1,960
PC GC ISOTOPE STUDY-A&G	1,902	3,499	1,597
PC GC ISOTOPE STUDY-NON GEN	5,764	10,603	4,839

**GUADALUPE-BLANCO RIVER AUTHORITY  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>64,000</b>	<b>72,396</b>	<b>8,396</b>
REAL HOG FARM PROJ-BENEFITS	5,076	9,117	4,041
REAL HOG FARM PROJ-TRAVEL	900	900	
REAL HOG FARM PROJ-A&G	4,136	7,429	3,292
REAL HOG FARM PROJ-NON GEN EMP	12,534	22,511	9,977
REAL HOG FARM PROJ-OTHER	8,932	8,932	
<b>Total</b>	<b>31,579</b>	<b>48,889</b>	<b>17,310</b>
OUTDOOR LEARNING CNTR-STAFF		1,737	1,737
OUTDOOR LEARNING CNTR-BENEFITS		704	704
OUTDOOR LEARNING CNTR-A&G		573	573
OUTDOOR LEARNING CENTER-OTHER	38,800	38,800	
<b>Total</b>	<b>38,800</b>	<b>41,814</b>	<b>3,014</b>
CRP PROJECT ADMIN-BENEFITS	146	268	122
CRP PROJECT ADMIN-A&G	119	219	100
CRP PROJECT ADMIN-NON GEN EMPL	360	662	302
<b>Total</b>	<b>625</b>	<b>1,149</b>	<b>524</b>
CRP QUALITY ASSURANCE-STAFF		1,413	1,413
CRP QUALITY ASSURANCE-BENEFITS	1,249	6,077	4,828
CRP QUALITY ASSURANCE-A&G	1,018	4,951	3,933
CRP QUALITY ASSURANCE-NON GEN	3,084	13,591	10,507
<b>Total</b>	<b>5,351</b>	<b>26,032</b>	<b>20,681</b>
CRP MONITORING-ENG	24,700	24,700	
CRP MONITORING-BENEFITS	3,456	6,747	3,291
CRP MONITORING-TRAVEL	5,138	5,138	
CRP MONITORING-A&G	2,816	5,498	2,682
CRP MONITORING-NON GEN EMPL	8,534	16,660	8,127
CRP MONITORING-OTHER	93,913	93,913	

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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>138,557</b>	<b>152,657</b>	<b>14,100</b>
CRP INFO CLEARINGHOUSE-BENEFIT	495	799	305
CRP INFO CLEARINGHOUSE-A&G	403	651	248
CRP INFO CLEARINGHOUSE-NON GEN	1,222	1,974	752
<b>Total</b>	<b>2,120</b>	<b>3,425</b>	<b>1,305</b>
CRP ISSUES & CAUSES-BENEFITS	146	268	122
CRP ISSUES & CAUSES-A&G	119	219	100
CRP ISSUES & CAUSES-NON GEN EM	360	662	302
<b>Total</b>	<b>625</b>	<b>1,149</b>	<b>524</b>
CRP PUBLIC PARTICIPATION-STAFF	520	5,385	4,865
CRP PUBLIC PARTICIPATION-BENEF	613	2,848	2,235
CRP PUBLIC PARTICIPATION-A&G	500	2,321	1,821
CRP PUBLIC PARTICIPATION-NON G	995	1,648	653
<b>Total</b>	<b>2,628</b>	<b>12,202</b>	<b>9,574</b>
APPLIC-UNAPPROP.FLOW-ENG	5,000	88,000	83,000
<b>Total</b>	<b>5,000</b>	<b>88,000</b>	<b>83,000</b>
BULVERDE AREA WW-ENG	27,000	27,000	
BULVERDE AREA WW-BENEFITS	3,688		(3,688)
BULVERDE AREA WW-A&G	3,005		(3,005)
BULVERDE AREA WW-NON GEN EMP	9,107		(9,107)
BULVERDE AREA WW-MAT'L	3,000	3,000	
<b>Total</b>	<b>45,801</b>	<b>30,000</b>	<b>(15,801)</b>
U/S SWB GUAD RIVER STUDY-ENG		60,000	60,000
<b>Total</b>		<b>60,000</b>	<b>60,000</b>
FLOOD MGMT MODEL-ENG	80,000	420,000	340,000

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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>80,000</b>	<b>420,000</b>	<b>340,000</b>
LAKE MGMT ENHANCEMENT-BENEFITS	1,289	1,328	39
LAKE MGMT ENHANCEMENT-A&G	1,050	1,082	32
LAKE MGMT ENHANCEMENT-NON-GENE	3,183	3,279	96
LAKE MGMT ENHANCEMENT-SERVICES	10,000	10,000	
<b>Total</b>	<b>15,522</b>	<b>15,688</b>	<b>166</b>
LAKE MGMT GOAT PROJECT-BENEFIT	4,801	8,787	3,986
LAKE MGMT GOAT PROJECT-A&G	3,912	7,160	3,248
LAKE MGMT GOAT PROJECT-NON GEN	11,855	21,696	9,842
<b>Total</b>	<b>20,568</b>	<b>37,643</b>	<b>17,075</b>
LB LK MGMT&AQUATIC CNTL-BENEFI	556	573	17
LB LK MGMT&AQUATIC CNTL-TRAVEL	5,000	5,000	
LB LK MGMT&AQUATIC CNTL-A&G	453	467	14
LB LK MGMT&AQUATIC CNTL-NON-GE	1,373	1,414	41
LB LK MGMT&AQUATIC CNTL-MTL'S	10,000	10,000	
<b>Total</b>	<b>17,382</b>	<b>17,454</b>	<b>71</b>
GW/SW INTERFACE STUDY-ENG		40,000	40,000
<b>Total</b>		<b>40,000</b>	<b>40,000</b>
L.BASIN WATER QLTY MODEL.-SUPV	50,000		(50,000)
L.BASIN WATER QLTY MODEL.-MISC		35,000	35,000
<b>Total</b>	<b>50,000</b>	<b>35,000</b>	<b>(15,000)</b>
LOCKHART DISCHARGE MONT-OTHER	12,500	12,500	
<b>Total</b>	<b>12,500</b>	<b>12,500</b>	
FEMA CTP PROGRAM-OTHER		10,000	10,000

**GUADALUPE-BLANCO RIVER AUTHORITY  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>		<b>10,000</b>	<b>10,000</b>
MISC PROJ DEV-BENEFITS	7,833		(7,833)
MISC PROJ DEV-A&G	6,382		(6,382)
MISC PROJ DEV-NON GEN EMPL	19,341		(19,341)
<b>Total</b>	<b>33,556</b>		<b>(33,556)</b>
GUAD/HAYS/CALD WW CCNS-ENG	30,000	20,000	(10,000)
GUAD/HAYS/CALD WW CCNS-LEGAL	10,000	20,000	10,000
GUAD/HAYS/CALD WW CCNS-BENEFIT	833	1,166	333
GUAD/HAYS/CALD WW CCNS-TRAVEL	500		(500)
GUAD/HAYS/CALD WW CCNS-A&G	678	950	271
GUAD/HAYS/CALD WW CCNS-NON-GEN	2,056	2,879	823
<b>Total</b>	<b>44,067</b>	<b>44,995</b>	<b>927</b>
CANYON SEASONAL POOL-ENG	5,000		(5,000)
CANYON SEASONAL POOL-TRAVEL	2,000		(2,000)
<b>Total</b>	<b>7,000</b>		<b>(7,000)</b>
ASR STUDY-ENG	20,000		(20,000)
<b>Total</b>	<b>20,000</b>		<b>(20,000)</b>
WATER ENERGY NEXUS PRJ-STAFF	23,694	63,374	39,680
WATER ENERGY NEXUS PRJ-BENEFIT	26,339	40,086	13,747
WATER ENERGY NEXUS PRJ-TRAVEL	10,000	10,000	
WATER ENERGY NEXUS PRJ-A&G	21,461	32,663	11,201
WATER ENERGY NEXUS PRJ-NON-GEN	41,340	35,603	(5,736)
WATER ENERGY NEXUS PRJ-PRO FEE	900,000	900,000	
WATER ENERGY NEXUS PRJ-W/O		10,000	10,000
WATER ENERGY NEXUS PRJ-OTHER		10,000	10,000
<b>Total</b>	<b>1,022,833</b>	<b>1,101,726</b>	<b>78,892</b>
MID-BASIN HDR-BENEFIT	562	302	(261)
MID-BASIN HDR-A&G	458	246	(212)
MID-BASIN HDR-NON-GEN	1,389	745	(643)

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORKPLAN AND BUDGET  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>2,409</b>	<b>1,293</b>	<b>(1,116)</b>
MID-BASIN GRANT STDY-BENEFITS	13,535		(13,535)
MID-BASIN GRANT STDY-A&G	11,028		(11,028)
MID-BASIN GRANT STDY-NON-GEN	33,420		(33,420)
<b>Total</b>	<b>57,983</b>		<b>(57,983)</b>
DIVERSION SYS IMPROVEMENTS-ENG	25,000	25,000	
<b>Total</b>	<b>25,000</b>	<b>25,000</b>	
WINFIELD-BENEFITS	1,289		(1,289)
WINFIELD-A&G	1,050		(1,050)
WINFIELD-NON GEN EMP	3,183		(3,183)
<b>Total</b>	<b>5,522</b>		<b>(5,522)</b>
RIVER GAGES-ENG	25,000	25,000	()
<b>Total</b>	<b>25,000</b>	<b>25,000</b>	<b>()</b>
EAA HABITAT CONSRV PLAN-OTHER	450,000	450,000	
<b>Total</b>	<b>450,000</b>	<b>450,000</b>	
LOWER BASIN PERMIT AMEND-STAFF	1,562	2,528	966
LOWER BASIN PERMIT AMEND-BEN	4,927	5,447	520
LOWER BASIN PERMIT AMEND-A&G	4,015	4,438	424
LOWER BASIN PERM AM.-NON GEN E	10,604	10,921	318
<b>Total</b>	<b>21,107</b>	<b>23,335</b>	<b>2,228</b>
LOWER BASIN PROJ ADM-STAFF		31,200	31,200
LOWER BASIN PROJ ADM-ENG	25,000	900,000	875,000
LOWER BASIN PROJ ADM-LEGAL	750,000	750,000	
LOWER BASIN PROJ ADM-BENEFITS		16,848	16,848
LOWER BASIN PROJ ADM-TRAVEL	10,000	10,000	
LOWER BASIN PROJ ADM-A&G		13,728	13,728

**GUADALUPE-BLANCO RIVER AUTHORITY  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
LOWER BASIN PROJ AD-NON GEN EM		10,400	10,400
LOWER BASIN PROJ ADM-W/O		10,000	10,000
LOWER BASIN PROJ ADM-OTHER	5,000	10,000	5,000
<b>Total</b>	<b>790,000</b>	<b>1,752,176</b>	<b>962,176</b>
JOHNSON RCH WWTP RGLZ-BENEFITS	7,278		(7,278)
JOHNSON RCH WWTP RGLZ-TRAVEL	500	500	
JOHNSON RCH WWTP RGLZ-A&G	5,930		(5,930)
JOHNSON RCH WWTP RGLZ-NON GEN	17,970		(17,970)
JOHNSON RANCH-SERVICES	5,000	500	(4,500)
<b>Total</b>	<b>36,678</b>	<b>1,000</b>	<b>(35,678)</b>
CANYON GORGE PROJECT-STAFF	6,316	7,276	960
CANYON GORGE PROJECT-BENEFITS	2,558	2,947	389
CANYON GORGE PROJECT-A&G	2,084	2,401	317
<b>Total</b>	<b>10,958</b>	<b>12,623</b>	<b>1,666</b>
WATER SUPPLY ALTERNATIVE-BENEF	3,964	2,722	(1,242)
WATER SUPPLY ALTERNATIVE-A&G	3,230	2,218	(1,012)
WATER SUPPLY ALTERNATIVE-NON-G	9,788	6,721	(3,067)
<b>Total</b>	<b>16,982</b>	<b>11,661</b>	<b>(5,322)</b>
4S RANCH-STAFF	4,375		(4,375)
4S RANCH-BENEFITS	2,605		(2,605)
4S RANCH-A&G	2,122		(2,122)
4S RANCH-NON-GENERAL	2,056		(2,056)
<b>Total</b>	<b>11,158</b>		<b>(11,158)</b>
PARK VILLAGE-STAFF	4,375		(4,375)
PARK VILLAGE-BENEFITS	2,605		(2,605)
PARK VILLAGE-A&G	2,122		(2,122)
PARK VILLAGE-NON-GENERAL	2,056		(2,056)

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORKPLAN AND BUDGET  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>11,158</b>		<b>(11,158)</b>
WATER & WW INV-BENEFITS	2,643	2,926	283
WATER & WW INV-A&G	2,153	2,384	231
WATER & WW INV-NON GEN EMPL	6,525	7,225	700
<b>Total</b>	<b>11,321</b>	<b>12,535</b>	<b>1,214</b>
UB LK MGMT&AQUATIC CNTL-STAFF		1,560	1,560
UB LK MGMT&AQUATIC CNTL-BENEF	4,660	5,409	749
UB LK MGMT&AQUATIC CNTL-A&G	3,797	4,407	610
UB LK MGMT&AQUATIC CNTL-NONGEN	11,506	11,795	289
UB LK MGMT&AQUATIC CNTL-SERVIC	5,000	5,000	
UB LK MGMT&AQUATIC CNTL-MAT'L	12,500	12,500	
<b>Total</b>	<b>37,463</b>	<b>40,670</b>	<b>3,208</b>
DUNLAP AREA MASTER PLAN-BENEFIT	2,399	2,202	(197)
DUNLAP AREA MASTER PLAN-A&G	1,955	1,794	(161)
DUNLAP AREA MASTER PLAN-SUPERV	5,924	5,438	(487)
<b>Total</b>	<b>10,279</b>	<b>9,434</b>	<b>(844)</b>
PLUM CREEK OUTREACH-STAFF	1,069	2,224	1,155
PLUM CREEK OUTREACH-BENEFITS	433	901	468
PLUM CREEK OUTREACH-A&G	353	734	381
<b>Total</b>	<b>1,855</b>	<b>3,858</b>	<b>2,003</b>
PLUM CREEK MONITORING-STAFF	639	1,339	701
PLUM CREEK MONITORING-BENEFITS	11,762	22,606	10,843
PLUM CREEK MONITORING-A&G	9,584	18,420	8,835
PLUM CREEK MONITORING-NON GEN	28,404	54,477	26,073
PLUM CREEK MONITORING-OTHER	140,945	140,945	
<b>Total</b>	<b>191,334</b>	<b>237,787</b>	<b>46,452</b>
PLUM CREEK PROJ ADM-BENEFITS	565	587	23
PLUM CREEK PROJ ADM-A&G	460	478	18
PLUM CREEK PROJ ADM-NON GEN EM	1,394	1,450	56



**GUADALUPE-BLANCO RIVER AUTHORITY  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>2,419</b>	<b>2,515</b>	<b>97</b>
FM 110 P/L RELOC-REIMB-STAFF		119,935	119,935
FM 110 P/L RELOC-REIMB-ENG		250,000	250,000
FM 110 P/L RELOC-REIMB-LEGAL		10,000	10,000
FM 110 P/L RELOC-REIMB-BENEFIT		61,604	61,604
FM 110 P/L RELOC-REIMB-TRAVEL		20,000	20,000
FM 110 P/L RELOC-REIMB-SERVICE		20,000	20,000
FM 110 P/L RELOC-REIMB-A&G		50,196	50,196
FM 110 P/L RELOC-REIMB-NON GEN		32,173	32,173
FM 110 P/L RELOC-REIMB-OTHER		1,000,000	1,000,000
<b>Total</b>		<b>1,563,908</b>	<b>1,563,908</b>
FM 110 P/L -NONREIMB-STAFF		15,600	15,600
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	8,582
FM 110 P/L -NONREIMB-TRAVEL	5,000	5,000	
FM 110 P/L -NONREIMB-SERVICE	5,000		(5,000)
FM 110 P/L -NONREIMB-A&G		6,993	6,993
FM 110 P/L -NONREIMB-NON GEN		5,589	5,589
FM 110 P/L -NONREIMB-W/O		1,000	1,000
FM 110 P/L -NONREIMB-OTHER		100,000	100,000
<b>Total</b>	<b>45,000</b>	<b>177,763</b>	<b>132,763</b>
FM-183 UTLY RELOCATE-STAFF		15,600	15,600
FM-183 UTLY RELOCATE-BENEFITS		8,424	8,424
FM-183 UTLY RELOCATE-A&G		6,864	6,864
FM-183 UTLY RELOCATE-NON GEN		5,200	5,200
<b>Total</b>		<b>36,088</b>	<b>36,088</b>
FM-725 UTLY RELOCATE-STAFF		15,600	15,600
FM-725 UTLY RELOCATE-BENEFITS		8,424	8,424
FM-725 UTLY RELOCATE-A&G		6,864	6,864
FM-725 UTLY RELOCATE-NON GEN		5,200	5,200

**GUADALUPE-BLANCO RIVER AUTHORITY  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>		<b>36,088</b>	<b>36,088</b>
TRI-COMMUNITY WSC- BENEFITS	165		(165)
TRI-COMMUNITY WSC- A&G	135		(135)
TRI-COMMUNITY WSC- NON-GEN EMP	408		(408)
<b>Total</b>	<b>708</b>		<b>(708)</b>
WATER CO ACQUISITIONS-BENEFITS	4,994	5,166	172
WATER CO ACQUISITIONS-TRAVEL	500	500	
WATER CO ACQUISITIONS-A&G	4,069	4,209	140
WATER CO ACQUISITIONS-NON GEN	12,330	12,755	425
WATER CO ACQUISITIONS-SERVICES	15,000		(15,000)
<b>Total</b>	<b>36,892</b>	<b>22,630</b>	<b>(14,262)</b>
INDUSTRIAL DEV PROJECT-ENG	10,000	10,000	
INDUSTRIAL DEV PROJECT-BENEFIT	7,558	7,785	227
INDUSTRIAL DEV PROJECT-TRAVEL	200	200	
INDUSTRIAL DEV PROJECT-A&G	6,158	6,343	185
INDUSTRIAL DEV PROJECT-NON-GEN	18,661	19,221	561
INDUSTRIAL DEV PROJECT-MAT'L	5,000	5,000	
<b>Total</b>	<b>47,576</b>	<b>48,549</b>	<b>973</b>
ENG BUERGER LANE BRIDGE-ENG	25,000		(25,000)
<b>Total</b>	<b>25,000</b>		<b>(25,000)</b>
MID-BASIN PROJECT-STA	2,140	25,928	23,788
MID-BASIN PROJECT-ENG	200,000	250,000	50,000
MID-BASIN PROJECT-LEGAL	375,000	375,000	
MID-BASIN PROJECT-BENEFITS	6,276	40,979	34,703
MID-BASIN PROJECT-TRAVEL	5,000	5,000	
MID-BASIN PROJECT-A&G	5,114	33,390	28,277
MID-BASIN PROJECT-NON-GEN EMPL	13,356	75,254	61,898
MID-BASIN PROJECT-PROF FEE	1,000	5,000	4,000
MID-BASIN PROJECT-W/O		5,000	5,000
MID-BASIN PROJECT-OTHER	5,000	5,000	

**GUADALUPE-BLANCO RIVER AUTHORITY  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>612,885</b>	<b>820,551</b>	<b>207,666</b>
CANYON WW MASTER PLAN-ENG		11,341	11,341
CANYON WW MASTER PLAN-BENEFITS	4,244		(4,244)
CANYON WW MASTER PLAN-A&G	3,458		(3,458)
CANYON WW MASTER PLAN-NON-GEN	10,478		(10,478)
<b>Total</b>	<b>18,179</b>	<b>11,341</b>	<b>(6,838)</b>
S.B.1 PHASE 4-ENG	14,000	14,000	
S.B.1 PHASE 4-TRAVEL		2,000	2,000
<b>Total</b>	<b>14,000</b>	<b>16,000</b>	<b>2,000</b>
GERONIMO CREEK WPP-STAFF	2,561	8,788	6,227
GERONIMO CREEK WPP-BENEFITS	12,997	24,870	11,873
GERONIMO CREEK WPP-A&G	10,590	20,265	9,674
GERONIMO CREEK WPP-NON GEN EMP	29,531	52,620	23,090
GERONIMO CREEK WPP-MISC	76,000	76,000	
<b>Total</b>	<b>131,679</b>	<b>182,543</b>	<b>50,864</b>
DAM SAFETY PROGRAM-PROF FE	120,000	120,000	
<b>Total</b>	<b>120,000</b>	<b>120,000</b>	
BUD W/O-LAKE MGMT	(28,098)		28,098
BUD W/O-APPLIC UNAPPROP FLOW	(5,000)		5,000
BUD W/O-GERONIMO CREEK	(98,757)		98,757
BUD W/O-ARANSAS PROJ LITIGATIO	(100,000)		100,000
BUD W/O-PLUM CREEK MONITORING	(143,496)		143,496
BUD W/O-EEA HABITAT	(300,000)		300,000
BUD W/O-PLUM CREEK WS COORDINA	(102,780)		102,780
BUD W/O-WATER ENERGY NEXUS	(233,000)		233,000
BUD W/O-PC ISOTOPE	(14,000)		14,000
BUD W/O-OUTDOOR LEARNING CTR	(28,100)		28,100
BUDGETED PROJECT DVMNT W/O	(60,000)		60,000

**GUADALUPE-BLANCO RIVER AUTHORITY  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>(1,113,231)</b>		<b>1,113,231</b>
<b>TOTAL PROJECT DEVELOPMENT</b>	<b>4,078,417</b>	<b>8,543,087</b>	<b>4,464,670</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>WIP - OPERATING</b>			
CLEARWELL #1 REHAB-SERVICE	3,600		(3,600)
<b>Total</b>	<b>3,600</b>		<b>(3,600)</b>
LOCKHART WTR WELL&IMP-MATERIAL	19,000	16,000	(3,000)
<b>Total</b>	<b>19,000</b>	<b>16,000</b>	<b>(3,000)</b>
H5 LOT RESTORATION-SUPERV	12,077	15,268	3,192
H5 LOT RESTORATION-BENEFITS	4,891	6,184	1,293
H5 LOT RESTORATION-SERVICES	30,000	50,000	20,000
H5 LOT RESTORATION-A&G	3,985	5,039	1,053
<b>Total</b>	<b>50,953</b>	<b>76,491</b>	<b>25,537</b>
REPLACE FENDER BOARDS-SERVICE	30,000	32,100	2,100
REPLACE FENDER BOARDS-MAT'L	10,000	10,700	700
REPLACE FENDER BOARDS-MISC	1,000	1,070	70
<b>Total</b>	<b>41,000</b>	<b>43,870</b>	<b>2,870</b>
HAZARD MITIGATION-PROF FEES		50,000	50,000
<b>Total</b>		<b>50,000</b>	<b>50,000</b>
BAY MEADOWS EXPANSTION-SERVICE	10,000		(10,000)
<b>Total</b>	<b>10,000</b>		<b>(10,000)</b>
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	
<b>Total</b>	<b>750,000</b>	<b>750,000</b>	
SIPHON/RADIAL GATE IMPS-SERVIC	40,042	50,053	10,011
SIPHON/RADIAL GATE IMPS-MAT'L		7,875	7,875

**GUADALUPE-BLANCO RIVER AUTHORITY  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>40,042</b>	<b>57,928</b>	<b>17,886</b>
CANYON PRK PLNT EXPAN-PROF FEE		300,000	300,000
CANYON PRK PLNT EXPAN-MISC		1,000	1,000
<b>Total</b>		<b>301,000</b>	<b>301,000</b>
MAXWELL DITCH CROSSING-SERVICE	53,000	78,300	25,300
<b>Total</b>	<b>53,000</b>	<b>78,300</b>	<b>25,300</b>
McQUEENEY SPILL STRU RPRS-PRO	10,000		(10,000)
McQUEENEY SPILL STRU RPRS-MISC	5,000		(5,000)
<b>Total</b>	<b>15,000</b>		<b>(15,000)</b>
UPGRADE SUSP BRDG CBL SYS-SERV	109,000	65,000	(44,000)
UPGRADE SUSP BRDG CBL SYS-MISC	1,000	1,000	
<b>Total</b>	<b>110,000</b>	<b>66,000</b>	<b>(44,000)</b>
SCADA SYSTEM UPGRADE-SERVICE	15,000	53,000	38,000
SCADA SYSTEM UPGRADE-MAT'L'S	15,000	38,200	23,200
<b>Total</b>	<b>30,000</b>	<b>91,200</b>	<b>61,200</b>
OCEAN DRIVE UPGRADE-SERVICE	12,000	12,000	
<b>Total</b>	<b>12,000</b>	<b>12,000</b>	
PLAYGROUND UPGRADE-MAT'L		10,000	10,000
<b>Total</b>		<b>10,000</b>	<b>10,000</b>
REPLACE WTR ELEC PANLS-SERVICE		8,000	8,000

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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>		<b>8,000</b>	<b>8,000</b>
RWPS ELECTRICAL-SERVICE	20,000		(20,000)
<b>Total</b>	<b>20,000</b>		<b>(20,000)</b>
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
<b>Total</b>		<b>132,000</b>	<b>132,000</b>
HENKE CROSSING-SERVICE	7,200		(7,200)
<b>Total</b>	<b>7,200</b>		<b>(7,200)</b>
BUILDING SECURITY SYSTEM-SERVI	8,280	10,800	2,520
<b>Total</b>	<b>8,280</b>	<b>10,800</b>	<b>2,520</b>
BASEMENT FLOOR REPAIRS-SERVICE	13,500		(13,500)
<b>Total</b>	<b>13,500</b>		<b>(13,500)</b>
RESTROOM UPGRADE-SERVICE	12,000	12,000	
<b>Total</b>	<b>12,000</b>	<b>12,000</b>	
SED BASIN DEWATERING PUMP-SERV	12,000		(12,000)
<b>Total</b>	<b>12,000</b>		<b>(12,000)</b>
DEMOLITION OF TRAIN 1-SERVICE	10,000		(10,000)

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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>10,000</b>		<b>(10,000)</b>
ADD'L CAMPISTES/LAKEWOOD-MATLS		27,000	27,000
<b>Total</b>		<b>27,000</b>	<b>27,000</b>
CANAL BRIDGE CROSSING-MATL		5,000	5,000
<b>Total</b>		<b>5,000</b>	<b>5,000</b>
AUTOMATIC TRANSFER SWITCH-SERV		93,655	93,655
AUTOMATIC TRANSFER SWITCH-MATL		175,615	175,615
<b>Total</b>		<b>269,270</b>	<b>269,270</b>
THREE EMERGENCY GENERATORS-SER	15,000		(15,000)
THREE EMERGENCY GENERATORS-MTL	80,000		(80,000)
<b>Total</b>	<b>95,000</b>		<b>(95,000)</b>
TREATMENT PLANT IMPROV- SERV	197,000	206,850	9,850
TREATMENT PLANT IMPROV- PROF	25,000	26,250	1,250
TREATMENT PLANT IMPROV- MAT'L	15,000	15,750	750
TREATMENT PLANT IMPROV- MISC	1,000	1,050	50
<b>Total</b>	<b>238,000</b>	<b>249,900</b>	<b>11,900</b>
D.L.S. ERROSION REPAIRS-SERVIC	70,000	50,000	(20,000)
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	2,000	
<b>Total</b>	<b>127,000</b>	<b>107,000</b>	<b>(20,000)</b>
<b>TOTAL WIP - OPERATING</b>	<b>1,677,575</b>	<b>2,373,759</b>	<b>696,183</b>



**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORK PLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**FY 2016  
BUDGET**

**STRUCTURES & IMPROVEMENTS**

IMPROVEMENTS TO LIFT STATION-Shadow Creek	50,000
NEW 12 INCH VALVE - RIO CORDILLERA-Cordillera WDS	10,000
UNIT 104 TANK REPLACEMENT-Cordillera WDS	20,000
<b>Total STRUCTURES &amp; IMPROVEMENTS</b>	<b>80,000</b>

**LABORATORY EQUIPMENT**

AUTOTITRATOR-Regional Laboratory	45,000
DISHWASHER-Regional Laboratory	13,000
FURNACE-Regional Laboratory	4,000
REFRIGERATOR-Regional Laboratory	5,000
<b>Total LABORATORY EQUIPMENT</b>	<b>67,000</b>

**OFFICE FURN. & EQUIP.**

ARCHIVAL DISPLAY-General	2,000
CABINET MODIFICATION-RECEPTION-General	3,000
COMPUTER HARDWARE-General	39,500
FURNITURE-GM OFFICE-General	5,000
OFFICE FURNITURE-Water Sales	5,000
REPLACE KUBOTA 6800 TRACTOR-Water Sales	28,143
PRINTER/SCANNER-Regional Laboratory	5,000
TTHM ANALYZER-Western Canyon	32,000
CREDIT CARD READER-Rural Water	2,000
CONTROL ROOM CHAIR-Guadalupe Valley Hydro	2,000
<b>Total OFFICE FURN. &amp; EQUIP.</b>	<b>123,643</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORK PLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**FY 2016  
BUDGET**

**AUTO & HEAVY EQUIPMENT**

MAINTENANCE TRUCK-Guadalupe Valley Hydro	37,000
2-AUTOMOBILES-General	70,000
1/4 COST OF BOBCAT-Canyon Park WWTP	8,750
1/4 COST OF REPLACEMENT TRUCK-Canyon Park WWTP	7,500
1/4 COST OF REPLACEMENT TRUCK-Dunlap WWTP	7,500
1/4 COST OF SKID STEER-Dunlap WWTP	8,750
1/4 COST OF REPLACEMENT TRUCK-Northcliffe WWTP	7,500
1/4 COST OF SKID STEER-Northcliffe WWTP	8,750
EZ GO GOLF CART-Lakewood	10,000
TRUCK-1 TON FOR MOBILE PRESS-Water Sales	40,000
REPLACEMENT RIDING MOWER-Calhoun Canal	7,000
TRUCK-San Marcos WTP	25,000
INSTALL TWO PRESSURE REDUCING VALVES-Comal Trace	12,000
ZERO TURN RADIUS MOWER-Port Lavaca	6,000
72" SKID STEER ROTARY CUTTER-Coletto Creek Reservoir	5,000
1/4 COST OF REPLACEMENT TRUCK-Springs Hill WWTP	7,500
1/4 COST OF SKID STEER-Springs Hill WWTP	8,750
<b>Total AUTO &amp; HEAVY EQUIPMENT</b>	<b>277,000</b>

**WATER METERS & EQUIPMENT**

METER READER SYSTEM UPGRADE-Western Canyon	18,000
SCADA UPGRADES-Western Canyon	75,000
<b>Total WATER METERS &amp; EQUIPMENT</b>	<b>93,000</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORK PLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**FY 2016  
BUDGET**

**MISCELLANEOUS EQUIPMENT**

ATV W/UTILITY BED-Water Resources	9,500
MOBILE DEWATERING SYSTEM W/TRAILER-Water Resources	365,000
REPLACEMENT SHREDDER-Calhoun Canal	17,000
CHLORINATOR FOR RAS-Dunlap WWTP	3,000
SUBMERSIBLE PUMP (SOUTH BANK)-Dunlap WWTP	5,000
UV CONTROLLER-Dunlap WWTP	16,000
REPLACEMENT MODULES-Western Canyon	360,000
POLYMER FEED UNIT-Lockhart WWTP	13,000
OUTBOARD BOAT MOTOR-Guadalupe Valley Hydro	3,000
WORK BOAT-Guadalupe Valley Hydro	45,000
EMERGENCY GENERATOR-Shadow Creek	27,500

<b>Total OFFICE FURN. &amp; EQUIP</b>	<b>864,000</b>
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<b>TOTAL CAPITAL ADDITIONS</b>	<b>1,504,643</b>
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# *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.

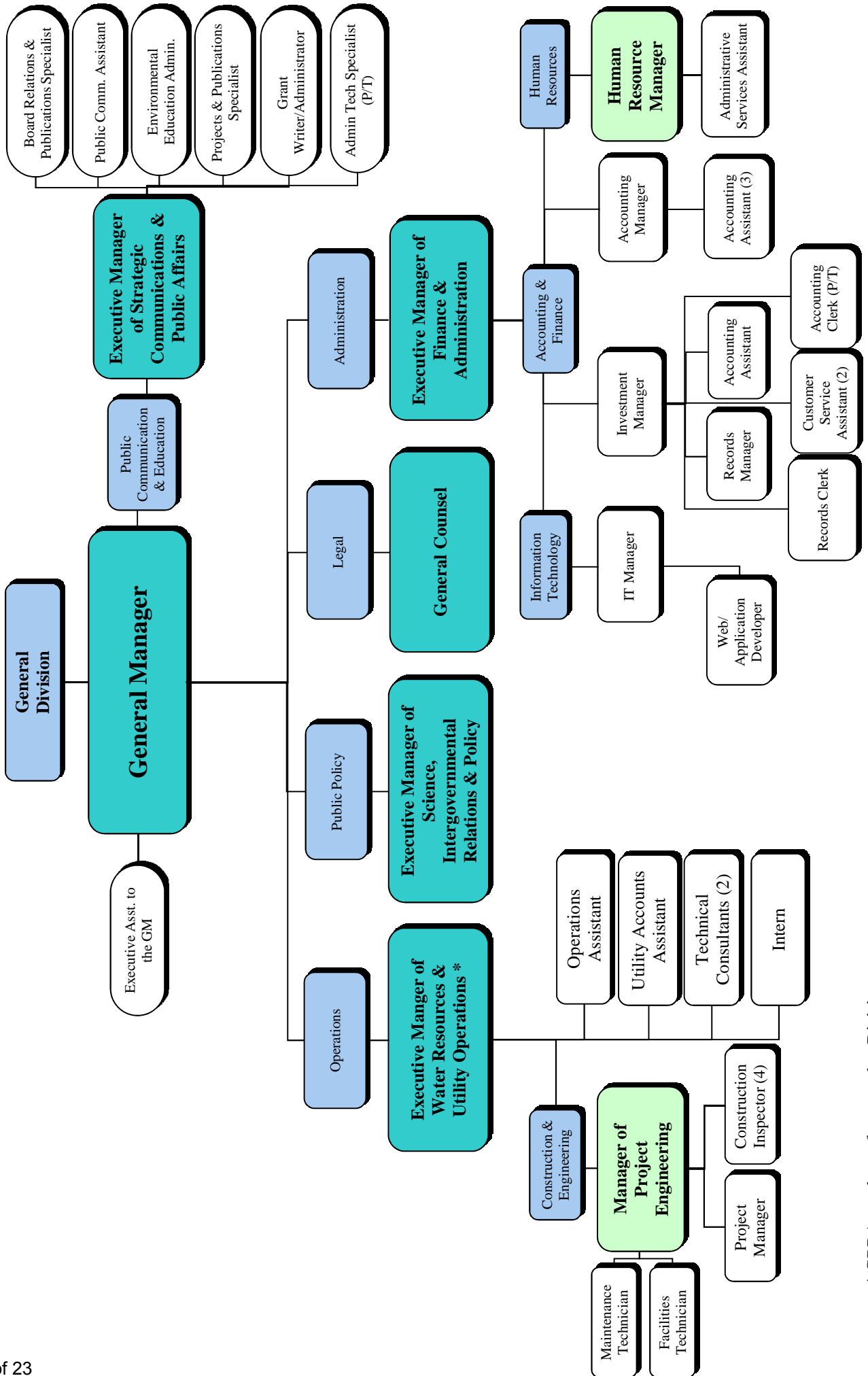
**Project Development** coordinates project planning including contracts for services, permits, rights of way and special projects, and maintains contact with interested parties for water and wastewater projects; work with homeowner and land associations to enhance current lake management and flood response 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)		
	2014	2015	2016
General Manager	1	1	1
Executive Manager of Finance & Administration	1	1	1
Executive Manager of Science, Intergov't Relations & Policy	1	1	1
General Counsel	1	1	1
Manager of Project Engineering	1	1	1
Chief Strategic Communications & Public Affairs Officer	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
Investment Manager	1	1	1
IT Manager	1	1	1
Project Manager	1	1	1
Webmaster	1	1	1
Environmental Education Administrator	1	1	1
Board Relations & Publications Specialist	1	1	1
Facilities Technician	1	1	1
Operations Assistant	1	1	1
Projects & Publications Specialist	1	1	1
Accounting Assistant	4	4	4
Administrative Services Assistant	1	1	1
Construction Inspector	4	4	4
Records Manager	1	1	1
Maintenance Technician	1	1	1
Accounting Clerk	0.5	0.5	0.5
Administrative Technical Specialist	---	0.5	0.5
Customer Service Assistant	2	2	2
Operations Secretary	1	1	1
Public Communications Assistant	1	1	1
Records Clerk	1	1	1
Intern	2	1	1
<b>Total</b>	<b>39.5</b>	<b>39</b>	<b>39</b>

#### Changes from FY 2014 to FY 2015

1-Intern position was removed from the General Division.

1-P/T Administrative Technical Specialist was added to the General Division.

\* Webmaster position changed to Web/Application Developer.

Unfunded Positions in FY15: Technical Consultant II, Project Manager, 4-Construction Inspectors, Accounting Assistant I, Maintenance Technician, and an Intern

#### 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, 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 ... continue to develop retail water and wastewater service operations for the planned development of Johnson Ranch and other development interests.

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.

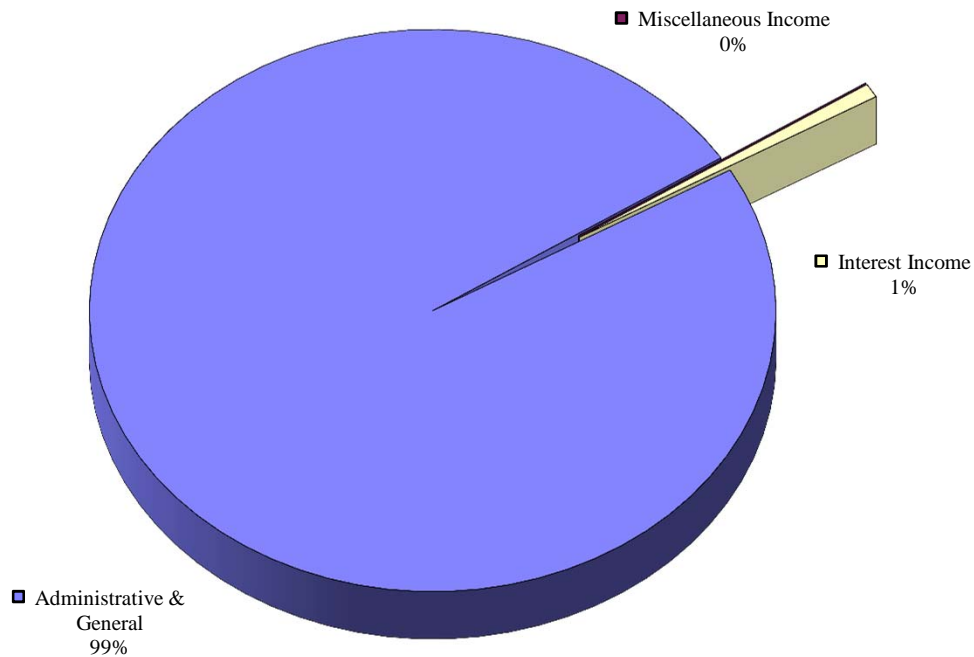
**Water Policy**

To ... communicate GBRA policies throughout the District.



## Budget Summary

### REVENUES - General

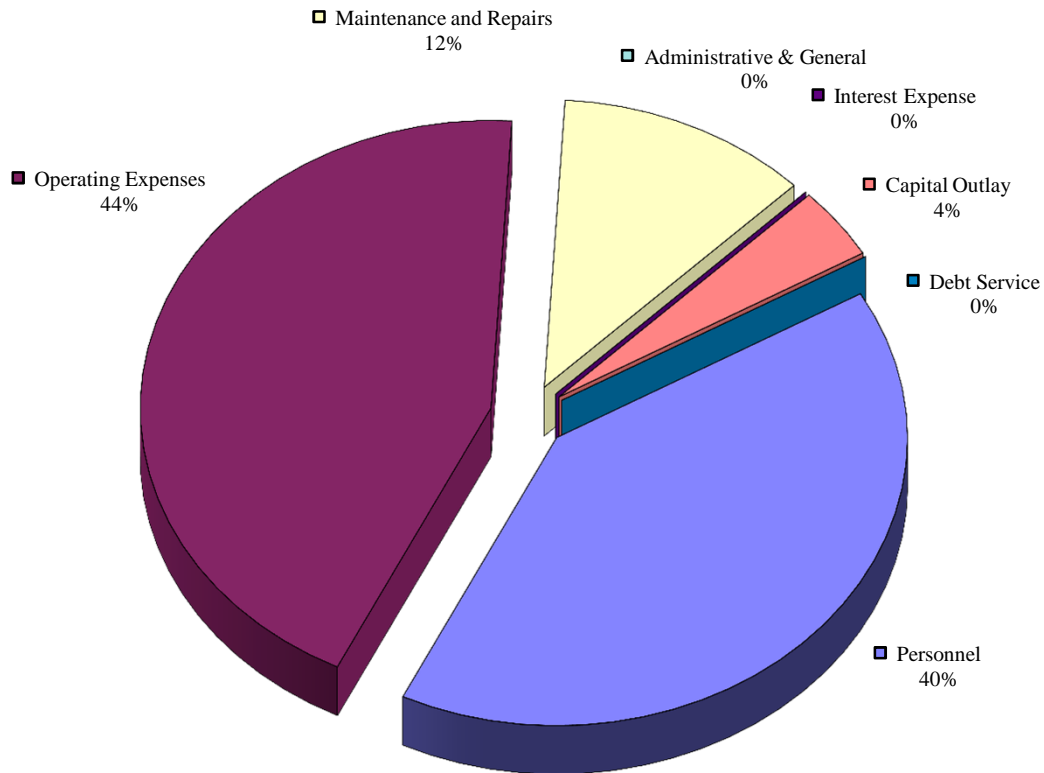


Revenues	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals			
Administrative & General	2,577,174	2,873,918	3,142,983
Miscellaneous Income	6,462		
<b>Total Operating Revenue</b>	<b>2,583,635</b>	<b>2,873,918</b>	<b>3,142,983</b>
Interest Income	43,492	37,680	25,620
<b>Grand Total Revenues</b>	<b>2,627,127</b>	<b>2,911,598</b>	<b>3,168,603</b>



## Budget Summary

### EXPENSES - General



Expenses	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Personnel	1,133,575	1,150,991	1,197,192
Operating Expenses	1,129,020	1,216,700	1,291,425
Maintenance and Repairs	220,820	273,575	344,575
Administrative & General			
<b>Total Operating Expenses</b>	<b>2,483,416</b>	<b>2,641,266</b>	<b>2,833,192</b>
Interest Expense			
Capital Outlay	122,328	66,000	119,500
Debt Service			
<b>Grand Total Expenses</b>	<b>2,605,743</b>	<b>2,707,266</b>	<b>2,952,692</b>





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## **General Division**

### **Operating Plan for Fiscal Year Ending 8/31/16**

#### **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.

#### **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 2016 is estimated at \$3,142,983. Most of the remainder of the Division's revenue is from interest on investments in the amount of \$25,620.

The total revenue budgeted for the General Division in FY 2016 is approximately 9% more than the previous year due.

#### **CAPITAL ADDITIONS AND OPERATING EXPENDITURES**

The work plan for FY 2016 includes a projected 7.3% increase in total budgeted operating and maintenance expenditures. The largest single cost component of the Division budget is personnel costs at \$1,197,193. This cost represents nearly 42% of the division's total operating budget. Other significant expenditures in FY 2016 are for power and utilities at \$100,000, professional fees at \$458,860 and computer supplies, services and software costs at \$151,325.

#### **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 by \$208,951. However, some of GBRA's operating divisions will require some financial assistance in the form of interfund loans from the General Division in the amount of \$33,300. Therefore, the availability of funding within the General Division should increase by a net amount of \$175,651.

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**010 - GENERAL**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>ADMIN &amp; GEN INCOME:</b>			
A & G - OPERATIONS	2,717,178	2,873,910	156,732
A & G - PROJECT DEVELOP.	156,740	269,073	112,333
<b>Total ADMIN &amp; GEN INCOME</b>	<b>2,873,918</b>	<b>3,142,983</b>	<b>269,065</b>
<b>TOTAL OPERATING REVENUES</b>	<b>2,873,918</b>	<b>3,142,983</b>	<b>269,065</b>
<b>OPERATING EXPENSES</b>			
SUPERVISION	438,707	499,744	61,037
LABOR	297,001	263,948	(33,053)
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>735,708</b>	<b>763,692</b>	<b>27,984</b>
<b>DIRECTOR'S FEES &amp; EXPENSES:</b>			
DIRECTORS' FEES	27,000	27,000	
DIRECTORS' EXPENSES	22,000	25,000	3,000
DIR. FEES-LEGISLATIVE ADV	2,000	500	(1,500)
DIR. EXPS-LEGISLATIVE ADV	2,000	500	(1,500)
DIRECTORS' ADM. EXPS.	17,500	17,500	
<b>Total DIRECTOR'S FEES &amp; EXPENSES</b>	<b>70,500</b>	<b>70,500</b>	
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	24,000	26,000	2,000
EMP. TRVL-LEGISLATIVE ADV	1,000	100	(900)
EMPLOYEE BENEFITS	324,574	337,575	13,001
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>349,574</b>	<b>363,675</b>	<b>14,101</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
AUTO OPERATING EXPENSES	23,000	23,000	
BUILDING RENTAL	186,600	156,390	(30,210)
PUBLIC INFORMATION	7,500	7,500	
LEGISLATIVE ADVOCACY		5,000	5,000
PC-MEDIA EXPENSES	3,000	3,000	
PC-SPECIAL PROJECTS	12,000	12,000	
PC-ANNUAL FINANCIAL REPORT	20,000	20,000	
PC-PROMOTIONAL MATERIAL	5,000	5,000	
DUES AND MEMBERSHIPS	12,000	12,000	
DUES-LEGISLATIVE ADVOCACY	6,500	6,500	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**010 - GENERAL**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
PUBLICATIONS AND BOOKS	10,000	10,000	
SMALL TOOLS EXPENSE	100	100	
EMPLOYEE RELATIONS	15,000	20,000	5,000
EMP VOLUNTEER PROGRAM	35,000	35,000	
UNIFORMS AND LAUNDRY	5,000	5,000	
TRAINING EXPENSES	31,170	25,000	(6,170)
SAFETY & EMERG. EXPENSES	500	750	250
SECURITY EXPENSE	7,500	7,500	
POWER AND UTILITIES	100,000	100,000	
PROFESSIONAL FEES	248,460	323,860	75,400
PROF. FEES-LEGIS. ADVOC.	135,000	135,000	
CONTRACT LABOR	5,000	1,000	(4,000)
COMMUNICATIONS	16,000	18,000	2,000
OFFICE SUPPLIES & EXPENSES	26,000	26,000	
COMPUTER SUPPLIES & SERVICE	113,850	128,525	14,675
OFFICE SERVICES	20,500	20,500	
KITCHEN & JANITOR SUPPLY	10,000	10,000	
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	8,000	
SOFTWARE EXPENSES	19,000	22,800	3,800
STORAGE EXPENSE	120	100	(20)
BANK SERVICE FEES	6,500	6,500	
INSURANCE EXPENSE	39,200	41,200	2,000
MISCELLANEOUS EXPENSES	20,000	20,000	
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>1,203,200</b>	<b>1,270,925</b>	<b>67,725</b>
 <b>MAINTENANCE &amp; REPAIR</b>			
LABOR	65,709	69,826	4,117
MATERIAL	25,600	28,600	3,000
SERVICES	247,975	315,975	68,000
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>339,284</b>	<b>414,401</b>	<b>75,117</b>
 <b>CREDITS:</b>			
EQUIPMENT USE CREDITS	(57,000)	(50,000)	7,000

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**010 - GENERAL**

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
Total CREDITS	(57,000)	(50,000)	7,000
TOTAL OPERATING & MAINTENANCE	2,641,266	2,833,192	191,927
TOTAL OPERATING EXPENSES	2,641,266	2,833,192	191,927
NET OPERATING INCOME	232,653	309,791	77,138

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**010 - GENERAL**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	2,873,918	3,142,983	269,065
OPERATING EXPENSES	(2,641,266)	(2,833,192)	(191,927)
<b>NET OPERATING INCOME</b>	<b>232,653</b>	<b>309,791</b>	<b>77,138</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON OPERATING FUNDS	30,000	18,000	(12,000)
INT ON NOW ACCTS	600	660	60
INT ON RESTRICTED FUND	240	300	60
INT ON INSURANCE FUND	4,800	4,800	
INT ON WORKERS COMP FUND	1,380	1,560	180
INT-PROP RESERVE	660	300	(360)
<b>Total INTEREST INCOME</b>	<b>37,680</b>	<b>25,620</b>	<b>(12,060)</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>37,680</b>	<b>25,620</b>	<b>(12,060)</b>
<b>CHANGE IN NET ASSETS</b>	<b>270,333</b>	<b>335,411</b>	<b>65,078</b>
<b>CHANGE IN RESTRICTED FUNDS</b>	<b>176,000</b>		<b>(176,000)</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
<b>TOTAL FUNDS AVAILABLE</b>	<b>446,333</b>	<b>335,411</b>	<b>(110,922)</b>
<b>PURCHASES OF FIXED ASSETS</b>			
AUTO & HEAVY EQUIPMENT		70,000	70,000
OFFICE FURN & EQUIPMENT	66,000	49,500	(16,500)
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>66,000</b>	<b>119,500</b>	<b>53,500</b>
<b>WORK IN PROGRESS</b>			
<b>CHANGE IN RESTRICTED FUNDS</b>		<b>6,960</b>	<b>6,960</b>
<b>INTERFUND LOANS:</b>			
HYDRO GEN LOANS MADE	11,000	11,500	500
RUD LOANS MADE	367,000		(367,000)

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**010 - GENERAL**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
COLETO CRK REC LOANS MADE	2,000	21,800	19,800
<b>Total INTERFUND LOANS</b>	<b>380,000</b>	<b>33,300</b>	<b>(346,700)</b>
 <b>DEBT SERVICE</b>	 _____	 _____	 _____
 <b>TOTAL FUNDS APPLIED</b>	 <b>446,000</b>	 <b>159,760</b>	 <b>(286,240)</b>
 <b>NET CHANGE IN FUND BALANCE</b>	 <b>333</b>	 <b>175,651</b>	 <b>175,318</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**010 - GENERAL**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>SUPERVISION:</b>			
SUPERVISION	428,672	494,389	65,717
SUP- SAFETY & TRAINING	7,299	1,365	(5,934)
SUP- LEGISLATIVE ADVOCACY	1,171	1,292	121
SUP- MEDIA	1,273	1,840	567
SUP- EMPLOYEE RELATIONS	292	858	566
<b>Total SUPERVISION</b>	<b>438,707</b>	<b>499,744</b>	<b>61,037</b>
<b>OPERATING LABOR:</b>			
CLERICAL	282,566	255,512	(27,054)
REG- SAFETY & TRAINING	2,640	1,679	(961)
CLR- EMPLOYEE RELATIONS	1,575	2,670	1,095
OVT- CLERICAL LABOR	10,219	4,086	(6,132)
<b>Total OPERATING LABOR</b>	<b>297,001</b>	<b>263,948</b>	<b>(33,053)</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- GENERAL OFFICE	39,005	40,560	1,555
REG/LBR- AIR CONDITIONING	3,000	3,120	120
REG/LBR- ELECTRICAL	15,002	15,600	598
REG/LBR- OFFICE EQP,FURN.	1,200	1,248	48
REG/LBR- YARD	3,000	3,370	369
REG/LBR- POND		1,248	1,248
<b>Total M&amp;R-LABOR</b>	<b>61,208</b>	<b>65,146</b>	<b>3,937</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- GENERAL OFFICE	4,501	4,680	179
<b>Total M&amp;R-OVERTIME</b>	<b>4,501</b>	<b>4,680</b>	<b>179</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>65,709</b>	<b>69,826</b>	<b>4,117</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>	<b>801,417</b>	<b>833,518</b>	<b>32,101</b>



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**010 - GENERAL**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- GENERAL OFFICE	39,005	40,560	1,555
REG/LBR- AIR CONDITIONING	3,000	3,120	120
REG/LBR- ELECTRICAL	15,002	15,600	598
REG/LBR- OFFICE EQP,FURN.	1,200	1,248	48
REG/LBR- YARD	3,000	3,370	369
REG/LBR- POND		1,248	1,248
OVT/LBR- GENERAL OFFICE	4,501	4,680	179
<b>Total LABOR</b>	<b>65,709</b>	<b>69,826</b>	<b>4,117</b>
<b>MATERIAL:</b>			
M&R/MAT- GENERAL OFFICE	4,100	4,100	
M&R/MAT- AIR CONDITIONING	4,900	4,900	
M&R/MAT- ELECTRICAL	3,900	3,900	
M&R/MAT- OFFICE EQP,FURN.	1,500	1,500	
M&R/MAT- YARD	7,000	10,000	3,000
M&R/MAT- POND	1,200	1,200	
M&R/MAT- SEDANS	1,000	1,000	
M&R/MAT- OFFICE PLUMBING	1,000	1,000	
M&R/MAT- OTHER	1,000	1,000	
<b>Total MATERIAL</b>	<b>25,600</b>	<b>28,600</b>	<b>3,000</b>
<b>SERVICES:</b>			
M&R/SER- GENERAL OFFICE	80,000	80,000	
M&R/SER- AIR CONDITIONING	21,000	21,000	
M&R/SER- ELECTRICAL	1,500	1,500	
M&R/SER- OFFICE EQP,FURN.	5,125	5,125	
M&R/SER- YARD	70,000	100,000	30,000
M&R/SER- POND	1,000	1,000	
M&R/SER- SEDANS	6,750	6,750	
M&R/SER- OFFICE PLUMBING	3,600	3,600	
M&R/SER- OTHER	59,000	97,000	38,000
<b>Total SERVICES</b>	<b>247,975</b>	<b>315,975</b>	<b>68,000</b>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>339,284</b>	<b>414,401</b>	<b>75,117</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORK PLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**GENERAL**

**FY 2016  
BUDGET**

**AUTO & HEAVY EQUIPMENT**

2-AUTOMOBILES	70,000
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<b>Total AUTO &amp; HEAVY EQUIPMENT</b>	<b>70,000</b>
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**OFFICE FURN. & EQUIP.**

ARCHIVAL DISPLAY	2,000
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CABINET MODIFICATION-RECEPTION	3,000
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COMPUTER HARDWARE	39,500
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FURNITURE-GM OFFICE	5,000
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<b>Total OFFICE FURN. &amp; EQUIP.</b>	<b>49,500</b>
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<b>TOTAL CAPITAL ADDITIONS</b>	<b>119,500</b>
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TP4 Dam 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).

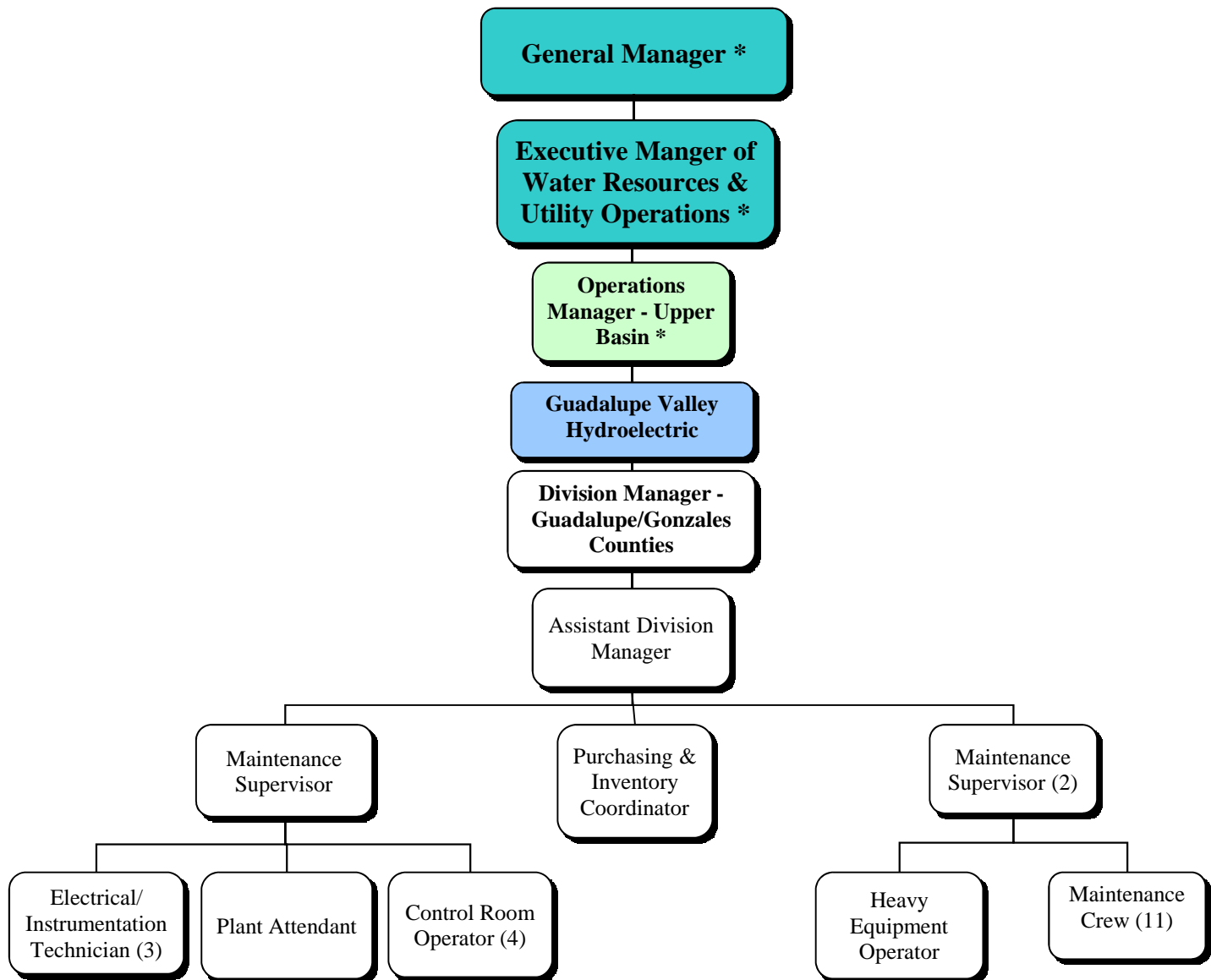
In addition to providing maintenance and operating functions for both the Guadalupe Valley Hydroelectric Division and the Canyon Hydroelectric Division, division employees also:

- 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	• Average Kwh Produced:	62,225,000
• Location:	Guadalupe/Gonzales Counties	• # of Current Employees:	22
• Startup Operation Date:	1928-1932	• Budgeted Revenue:	\$3,498,020
• Customer:	GVEC		
• Plant Capacity:	16 MW		



## Guadalupe Valley Hydroelectric Division Organizational Chart



\* GBRA employee from another Division



### Staffing Summary

G.V. Hydroelectric	# of Authorized Positions (FTE)		
	2014	2015	2016
Division Manager - Guadalupe/Gonzales Co.	1	1	1
Assistant Division Manager	1	1	1
Maintenance Supervisor	3	3	3
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
<b>Total</b>	<b>26</b>	<b>26</b>	<b>26</b>

#### Changes from FY 2014 to FY 2015

No staffing changes for this division.

Unfunded Positions in FY15: Maintenance Supervisor II, 2-Maintenance Crew

#### Changes from FY 2015 to FY 2016

No staffing changes for this division

Unfunded Positions in FY16: Maintenance Supervisor II, 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.

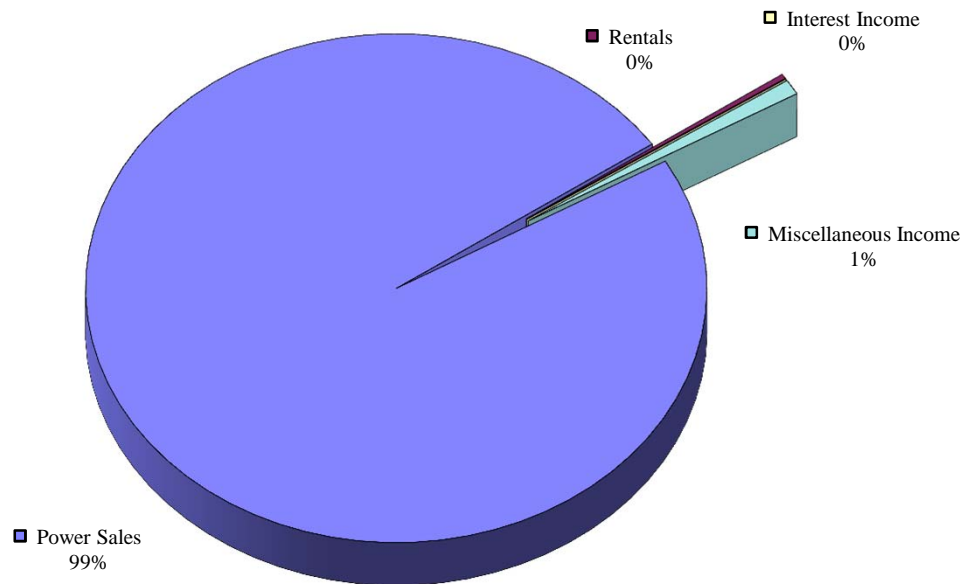
***COMMUNICATION AND EDUCATION***

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



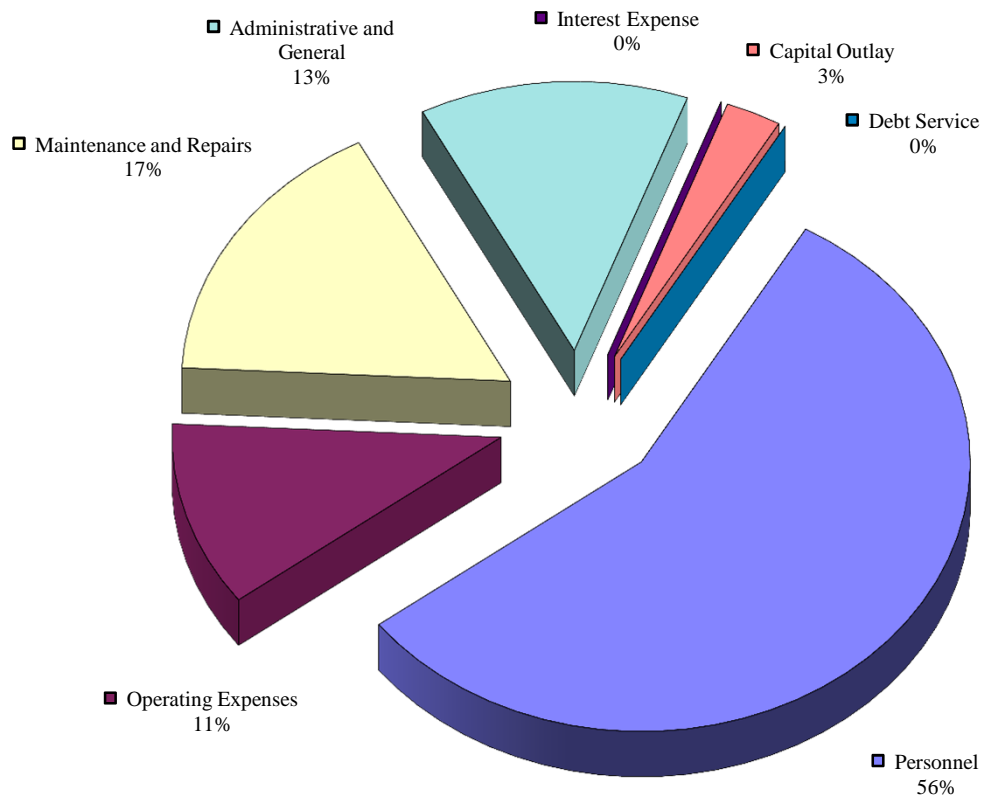
Revenues	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Pollution & Industrial Financing			
Power Sales	2,079,942	3,453,865	3,453,865
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals	14,112	10,599	10,599
Administrative & General			
Miscellaneous Income	42,499	36,779	33,556
<b>Total Operating Revenue</b>	<b>2,136,554</b>	<b>3,501,243</b>	<b>3,498,020</b>
Interest Income	4		
<b>Grand Total Revenues</b>	<b>2,136,558</b>	<b>3,501,243</b>	<b>3,498,020</b>





## Budget Summary

### EXPENSES - Guadalupe Valley Hydroelectric



Expenses	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Personnel	1,686,196	1,722,506	1,786,156
Operating Expenses	365,598	413,648	351,778
Maintenance and Repairs	603,368	493,200	525,200
Administrative and General	392,756	404,105	419,054
<b>Total Operating Expenses</b>	<b>3,047,918</b>	<b>3,033,458</b>	<b>3,082,188</b>
Interest Expense	24		
Capital Outlay	124,095	42,000	87,000
Debt Service	11,257		
<b>Grand Total Expenses</b>	<b>3,183,294</b>	<b>3,075,458</b>	<b>3,169,188</b>



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# **Guadalupe Valley Hydroelectric Division**

## **Operating Plan for Fiscal Year Ending 8/31/16**

### **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 2016 is based upon the historical annual generation for the system of 62,225,000 kWhs. The aggregate rate including the fixed charge will be 5.55¢ per kWh.

### **CAPITAL ADDITIONS AND OPERATING EXPENDITURES**

The work plan for FY 2016 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 2016 personnel budget of \$1,786,155.

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 a work boat - \$45,000.
- Purchase one replacement truck - \$37,000.
- Continued work on the TCEQ Dam Safety Program - \$120,000

Work authorizations continuing from previous years or planned to begin in FY 2016 are as follows:

- Structural and erosion repairs on dams and levees - \$107,000.
- Supervisory Control and Data Acquisition System standardization and upgrade - \$30,000.
- Paint interior of power house - \$58,300.
- Upgrade suspension bridge cables - \$66,000
- Replace spill gate fender boards - \$43,870.

## **FUND BALANCE**

All of the above operating expenditures and work authorization costs are expected to be funded by hydroelectric power sales a small \$11,500 interfund loan from the General Division, and a \$87,000 equipment bank loan. In summary, the above funding sources are expected to exceed expenditures by \$2,162 allowing for a fund balance increase of the same amount.

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**021 - GUADALUPE VALLEY HYDROELECTRIC**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>POWER SALES:</b>			
ENERGY CHARGE	1,953,865	1,953,865	
FACILITY CHARGE	1,500,000	1,500,000	
<b>Total POWER SALES</b>	<b>3,453,865</b>	<b>3,453,865</b>	
<b>RENTALS:</b>			
RENTAL INCOME	8,999	8,999	
RENTALS - AG LEASES	1,600	1,600	
<b>Total RENTALS</b>	<b>10,599</b>	<b>10,599</b>	
<b>MISCELLANEOUS INCOME:</b>			
RENEWABLE ENERGY CREDIT SALES	21,779	15,556	(6,223)
HYDRO MODIFICATION PERMITS	15,000	18,000	3,000
<b>Total MISCELLANEOUS INCOME</b>	<b>36,779</b>	<b>33,556</b>	<b>(3,223)</b>
<b>TOTAL OPERATING REVENUES</b>	<b>3,501,243</b>	<b>3,498,020</b>	<b>(3,223)</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	52,953	52,398	(554)
SUPERVISION	171,450	175,888	4,439
LABOR	404,828	422,544	17,717
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>629,230</b>	<b>650,831</b>	<b>21,601</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	2,000	2,000	
EMPLOYEE BENEFITS	495,947	514,294	18,348
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>497,947</b>	<b>516,294</b>	<b>18,348</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	52,000	50,000	(2,000)
BUILDING RENTAL	31,248	24,978	(6,270)
DUES AND MEMBERSHIPS	900	900	
PUBLICATIONS AND BOOKS	200	100	(100)
SMALL TOOLS EXPENSE	15,000	15,000	
TRACTORS AND EQUIPMENT	200	200	
UNIFORMS AND LAUNDRY	10,000	10,000	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**021 - GUADALUPE VALLEY HYDROELECTRIC**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
PROCESS/SPECIAL OPERATING	12,000	12,000	
TRAINING EXPENSES	20,000	19,000	(1,000)
SAFETY & EMERG. EXPENSES	13,000	14,000	1,000
SAFETY BOOTS & GLASSES	3,000	3,000	
SECURITY EXPENSE	200	200	
POWER AND UTILITIES	23,000	25,000	2,000
AUXILLIARY POWER EXPENSE		100	100
LAB SUPPLIES & EXPENSES	100	100	
PROFESSIONAL FEES	10,000	9,000	(1,000)
ERCOT EXPENSES	500		(500)
COMMUNICATIONS	8,000	7,000	(1,000)
OFFICE SUPPLIES & EXPENSES	3,000	4,000	1,000
COMPUTER SUPPLIES & SERVICE	8,000	8,000	
KITCHEN & JANITOR SUPPLY	2,500	2,000	(500)
WAREHOUSE & JANITOR SERV	4,000	4,000	
BANK SERVICE FEES	300	300	
INSURANCE EXPENSE	127,500	133,900	6,400
MISCELLANEOUS EXPENSES	9,000	9,000	
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>353,648</b>	<b>351,778</b>	<b>(1,870)</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	595,329	619,030	23,702
MATERIAL	188,800	202,800	14,000
SERVICES	304,400	322,400	18,000
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>1,088,529</b>	<b>1,144,230</b>	<b>55,702</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>2,569,354</b>	<b>2,663,134</b>	<b>93,780</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	404,105	419,054	14,950
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>404,105</b>	<b>419,054</b>	<b>14,950</b>
<b>PROJECT WRITE OFFS TO OPR EXP</b>	<b>60,000</b>		<b>(60,000)</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>3,033,458</b>	<b>3,082,188</b>	<b>48,730</b>
<b>NET OPERATING INCOME</b>	<b>467,785</b>	<b>415,832</b>	<b>(51,953)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**021 - GUADALUPE VALLEY HYDROELECTRIC**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	3,501,243	3,498,020	(3,223)
OPERATING EXPENSES	(3,033,458)	(3,082,188)	(48,730)
<b>NET OPERATING INCOME</b>	<b>467,785</b>	<b>415,832</b>	<b>(51,953)</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>			
<b>CHANGE IN NET ASSETS</b>	<b>467,785</b>	<b>415,832</b>	<b>(51,953)</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
BANK LOANS		87,000	87,000
GENERAL LOANS	11,000	11,500	500
<b>Total DEBT CAPITAL</b>	<b>11,000</b>	<b>98,500</b>	<b>87,500</b>
<b>TOTAL FUNDS AVAILABLE</b>	<b>478,785</b>	<b>514,332</b>	<b>35,547</b>
<b>PURCHASES OF FIXED ASSETS</b>			
AUTO & HEAVY EQUIPMENT	37,000	37,000	
OFFICE FURN & EQUIPMENT	2,000	2,000	
MISCELLANEOUS EQUIPMENT	3,000	48,000	45,000
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>42,000</b>	<b>87,000</b>	<b>45,000</b>
<b>WORK IN PROGRESS</b>			
WIP-OPERATING	376,000	305,170	(70,830)
<b>Total WORK IN PROGRESS</b>	<b>376,000</b>	<b>305,170</b>	<b>(70,830)</b>
<b>PROJECT DEVELOPMENT</b>	<b>60,000</b>	<b>120,000</b>	<b>60,000</b>
<b>DEBT SERVICE</b>			
<b>TOTAL FUNDS APPLIED</b>	<b>478,000</b>	<b>512,170</b>	<b>34,170</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>785</b>	<b>2,162</b>	<b>1,377</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**021 - GUADALUPE VALLEY HYDROELECTRIC**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	25,625	24,048	(1,577)
STA- CLERICAL	27,328	28,350	1,022
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>52,953</b>	<b>52,398</b>	<b>(554)</b>
<b>SUPERVISION:</b>			
SUPERVISION	163,700	167,873	4,173
SUP- SAFETY & TRAINING	7,750	8,016	266
<b>Total SUPERVISION</b>	<b>171,450</b>	<b>175,888</b>	<b>4,439</b>
<b>OPERATING LABOR:</b>			
CLERICAL	1,022	1,063	41
REG- OPERATING LABOR	235,740	245,868	10,128
REG- ATTENDANT'S DUTIES	29,021	30,700	1,678
REG- PURCHASING AGENT	42,080	43,973	1,894
REG- SAFETY & TRAINING	27,535	28,495	961
OVT- OPERATING LABOR	39,089	40,727	1,637
OVT- ATTENDANT'S	144	150	5
REG-WORKING HOLIDAY CONTROL RM	30,198	31,569	1,371
<b>Total OPERATING LABOR</b>	<b>404,828</b>	<b>422,544</b>	<b>17,717</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	565,991	588,662	22,671
<b>Total M&amp;R-LABOR</b>	<b>565,991</b>	<b>588,662</b>	<b>22,671</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER	29,338	30,368	1,030
<b>Total M&amp;R-OVERTIME</b>	<b>29,338</b>	<b>30,368</b>	<b>1,030</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>595,329</b>	<b>619,030</b>	<b>23,702</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>	<b>1,224,559</b>	<b>1,269,861</b>	<b>45,302</b>



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**021 - GUADALUPE VALLEY HYDROELECTRIC**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	565,991	588,662	22,671
OVT/LBR- OTHER	29,338	30,368	1,030
<b>Total LABOR</b>	<b>595,329</b>	<b>619,030</b>	<b>23,702</b>
<b>MATERIAL:</b>			
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	32,000	
M&R/MAT- LEVEES & CANALS	5,000	5,000	
M&R/MAT- GEN. GATE WORK	38,000	40,000	2,000
M&R/MAT- SIGNS & BUOYS	5,000	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	5,000	
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	18,000	
M&R/MAT- SWITCHGEAR	800	12,800	12,000
M&R/MAT- CONTROL SYSTEM	8,000	8,000	
M&R/MAT- COMMUNICATION SY	13,000	13,000	
M&R/MAT- TELEPHONE SYSTEM	100	100	
M&R/MAT- SUBSTATIONS	31,000	31,000	
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	
<b>Total MATERIAL</b>	<b>188,800</b>	<b>202,800</b>	<b>14,000</b>
<b>SERVICES:</b>			
M&R/SER- WAREHOUSE	500	500	
M&R/SER- PWR HOUSES&EQUIP	25,000	25,000	
M&R/SER- LOG BOOMS/TRASH RACKS	18,000	18,000	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**021 - GUADALUPE VALLEY HYDROELECTRIC**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
M&R/SER- LEVEES & CANALS	10,000	20,000	10,000
M&R/SER- GEN. GATE WORK	13,000	13,000	
M&R/SER- GEN. OFFICE BLDG	4,500	4,500	
M&R/SER- MOW PROPERTIES	47,000	55,000	8,000
M&R/SER- ROADS & BRIDGES	1,500	1,500	
M&R/SER- FENCES	23,000	23,000	
M&R/SER- CLEAN PROPERTIES	3,000	3,000	
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	43,000	
M&R/SER- TRANS. LINES	40,000	40,000	
M&R/SER- TRANSFORMERS	2,000	2,000	
M&R/SER- SMALL EQUIPMENT	3,000	3,000	
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	7,000	
<b>Total SERVICES</b>	<b>304,400</b>	<b>322,400</b>	<b>18,000</b>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>1,088,529</b>	<b>1,144,230</b>	<b>55,702</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**021 - GUADALUPE VALLEY HYDROELECTRIC**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>PROJECT DEVELOPMENT</b>			
DAM SAFETY PROGRAM-PROF FE	120,000	120,000	
<b>Total</b>	<b>120,000</b>	<b>120,000</b>	
 BUDGETED PROJECT DVMNT W/O	 (60,000)		 60,000
<b>Total</b>	<b>(60,000)</b>		<b>60,000</b>
 <b>TOTAL PROJECT DEVELOPMENT</b>	 <b>60,000</b>	 <b>120,000</b>	 <b>60,000</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**021 - GUADALUPE VALLEY HYDROELECTRIC**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>WIP - OPERATING</b>			
REPLACE FENDER BOARDS-SERVICE	30,000	32,100	2,100
REPLACE FENDER BOARDS-MAT'L	10,000	10,700	700
REPLACE FENDER BOARDS-MISC	1,000	1,070	70
<b>Total</b>	<b>41,000</b>	<b>43,870</b>	<b>2,870</b>
 PAINT POWER HOUSE-SERVICE	 53,000	 58,300	 5,300
<b>Total</b>	<b>53,000</b>	<b>58,300</b>	<b>5,300</b>
 McQUEENEY SPILL STRU RPRS-PRO	 10,000		 (10,000)
McQUEENEY SPILL STRU RPRS-MISC	5,000		(5,000)
<b>Total</b>	<b>15,000</b>		<b>(15,000)</b>
 UPGRADE SUSP BRDG CBL SYS-SERV	 109,000	 65,000	 (44,000)
UPGRADE SUSP BRDG CBL SYS-MISC	1,000	1,000	
<b>Total</b>	<b>110,000</b>	<b>66,000</b>	<b>(44,000)</b>
 SCADA-UPGRADE/STANDARD-SERVICE	 15,000	 15,000	
SCADA-UPGRADE/STANDARD- MAT'L	15,000	15,000	
<b>Total</b>	<b>30,000</b>	<b>30,000</b>	
 D.L.S. ERROSION REPAIRS-SERVIC	 70,000	 50,000	 (20,000)
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	2,000	
<b>Total</b>	<b>127,000</b>	<b>107,000</b>	<b>(20,000)</b>
 <b>TOTAL WIP - OPERATING</b>	 <b>376,000</b>	 <b>305,170</b>	 <b>(70,830)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORK PLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**GUADALUPE VALLEY HYDROELECTRIC**

	<b>FY 2016 BUDGET</b>
<b>AUTO &amp; HEAVY EQUIPMENT</b>	
MAINTENANCE TRUCK	37,000
<b>Total AUTO &amp; HEAVY EQUIPMENT</b>	<b>37,000</b>
 <b>OFFICE FURN. &amp; EQUIP.</b>	
CONTROL ROOM CHAIR	2,000
<b>Total OFFICE FURN. &amp; EQUIP.</b>	<b>2,000</b>
 <b>MISCELLANEOUS EQUIPMENT</b>	
OUTBOARD BOAT MOTOR	3,000
WORK BOAT	45,000
<b>Total MISCELLANEOUS EQUIPMENT</b>	<b>48,000</b>
 <b>TOTAL CAPITAL ADDITIONS</b>	<b>87,000</b>



# 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

Permitted Capacity: 180,000 gpd

Startup Date: September 24, 1974

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

Permitted Capacity: 0.95 mpd

Startup Date: December 4, 1973

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

Permitted Capacity: 300,000 gpd

Startup Date: September 9, 1977

Service Area: Portion of City of Schertz

## Spring 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

Permitted Capacity: 300,000 gpd

Startup Date: July 3, 1974

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: 5
- Budgeted Revenue: \$2,170,102





Shadow Creek WWTP  
Scum Trough

## *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: 60,800,000

- Startup Operation Date: January 1, 2006
- # of Current Employees: 2
- Budgeted Revenue: \$423,095



## *Sunfield WWTP*

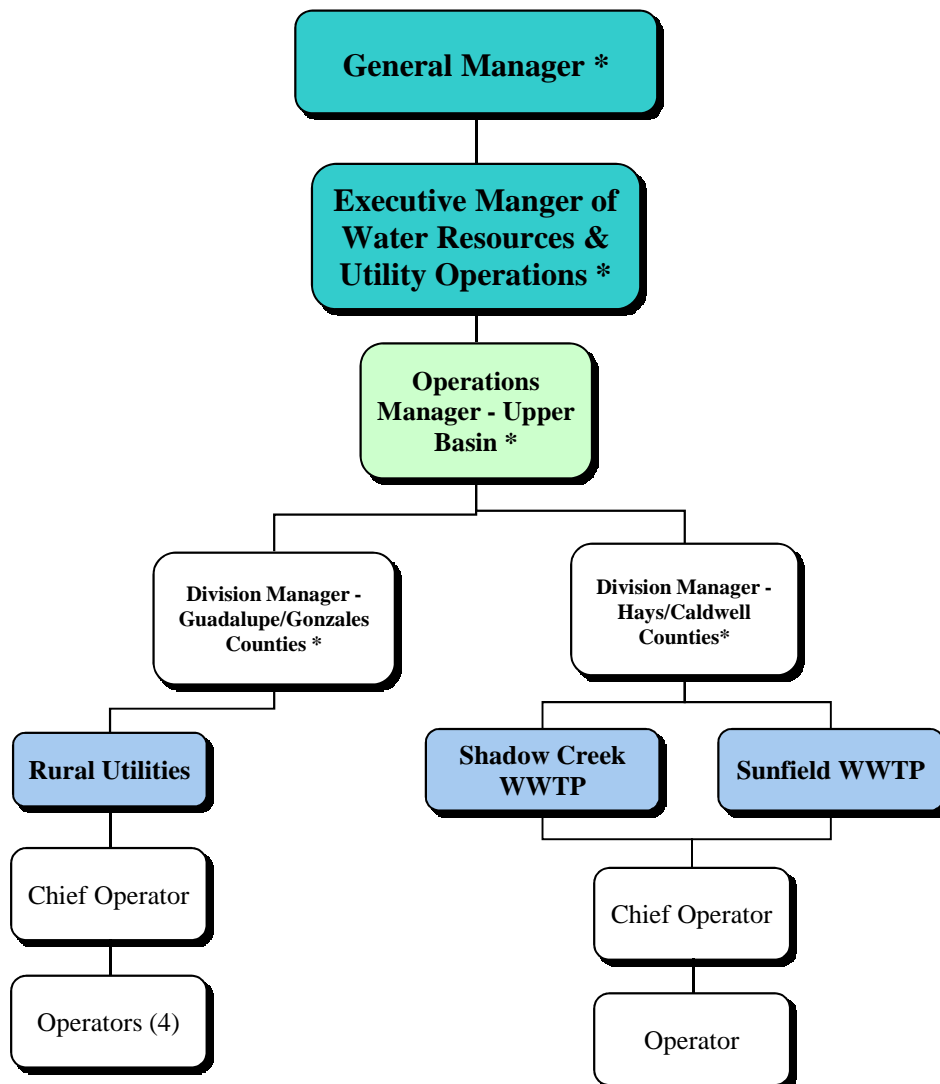
The Sunfield plant provides wastewater treatment services for the Sunfield subdivision located in north Hays County east of Buda. The facility is owned by the Sunfield Municipal Utility District #4 and is capable of treating 250,000 gallons per day. Treatment units an aeration basin, clarifier, sludge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

- 
- |  |  |
|--|--|
| • Service Provided: Wastewater treatment | • Startup Operation Date: October 23, 2009 |
| • Service Area: Hays County              | • Budgeted Revenue: \$192,413              |
| • # of Gallons Treated: 54,020,000       |  |





## Rural Utilities Division Organizational Chart



\* GBRA employee from another Division



Rural Utilities Division	# of Authorized Positions (FTE)		
	2014	2015	2016
<b><u>Shadow Creek</u></b>			
Chief Operator	1	1	1
Operator	1	1	1
Total Shadow Creek	2	2	2
<b><u>Rural Utilities</u></b>			
Chief Operator	1	1	1
Operator	4	4	4
Total Rural Utilities	5	5	5
<b>Total</b>	<b>7</b>	<b>7</b>	<b>7</b>

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

## **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 five 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 County.

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 reuse, 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 reuse, 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 biosolids to the permitted land application site as often as possible.
- By completing the National Biosolids Partnership Environmental Management System program and incorporate into the RUD biosolids 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 reuse 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 reuse 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 reuse.

**Rural Utilities Systems**

To ... maintain a positive public image and professional attitude.

To ... educate local communities on importance of wastewater treatment, water conservation and beneficial use of biosolids.

**Sunfield WWTP**

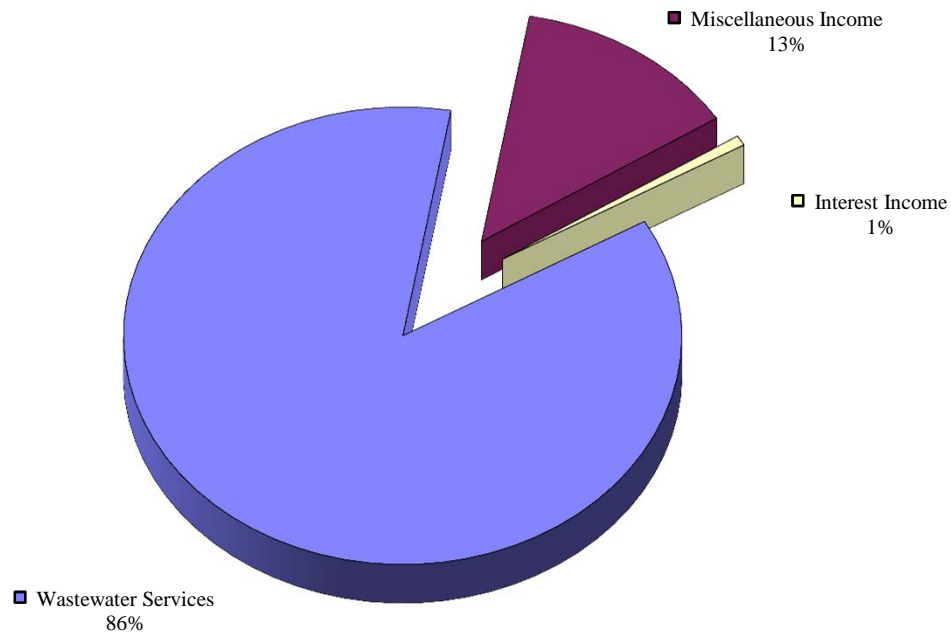
To ... operate in a team environment that allows for efficient internal and external communication.

To... provide technical assistance and information to the District and other entities in the area concerning wastewater pretreatment, treatment, and reuse.



## Budget Summary

### REVENUES - Rural Utilities



Revenues	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services	1,824,095	2,191,508	2,359,862
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	2,589,548	275,548	361,638
<b>Total Operating Revenue</b>	<b>4,413,643</b>	<b>2,467,056</b>	<b>2,721,500</b>
Interest Income	124,566	23,288	19,598
<b>Grand Total Revenues</b>	<b>4,538,208</b>	<b>2,490,344</b>	<b>2,741,098</b>

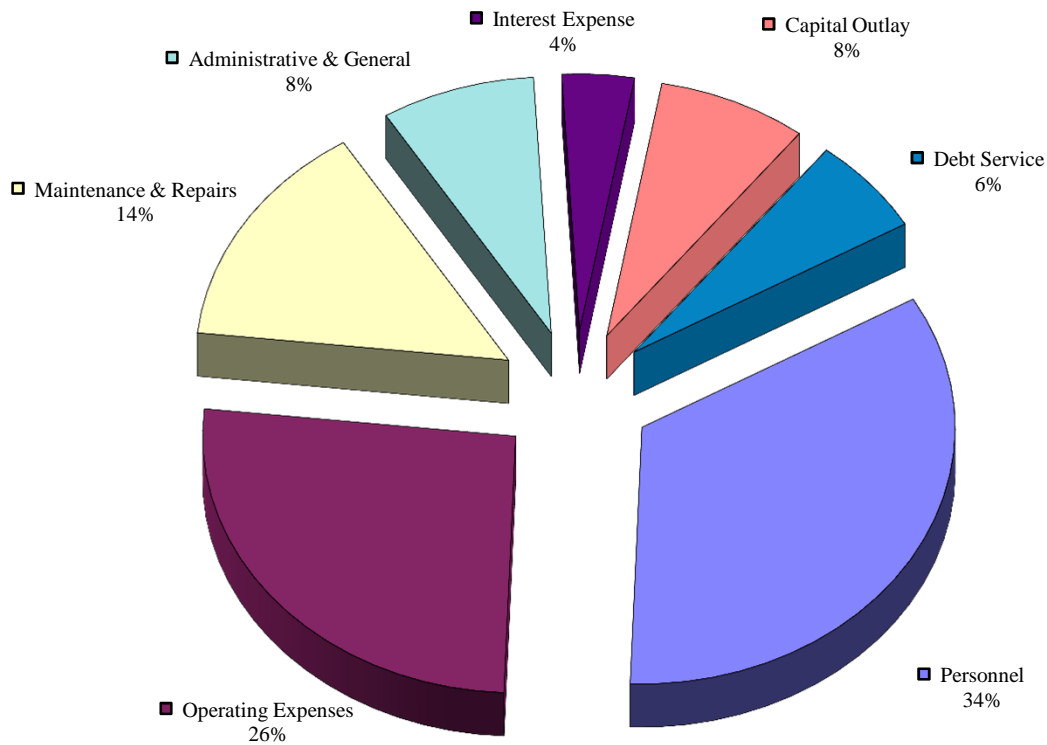


## Fiscal Year 2016 Budget

*flowing solutions*

### Budget Summary

#### EXPENSES - Rural Utilities



Expenses	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Personnel	680,964	692,224	731,632
Operating Expenses	552,408	522,072	562,842
Maintenance & Repairs	235,335	325,360	311,310
Administrative & General	158,691	162,152	171,462
<b>Total Operating Expenses</b>	<b>1,627,399</b>	<b>1,701,808</b>	<b>1,777,246</b>
Interest Expense	129,366	97,128	80,376
Capital Outlay	79,226	33,200	166,500
Debt Service	2,579,252	592,296	132,072
<b>Grand Total Expenses</b>	<b>4,415,243</b>	<b>2,424,432</b>	<b>2,156,194</b>





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# **Rural Utilities Division**

## **Shadow Creek Wastewater Reclamation Facility System**

### **Operating Plan for Fiscal Year Ending 8/31/16**

#### **BACKGROUND**

The following Work Plan and Budget is based on the treatment of an average sewage flow of 60.8 million gallons per year or 0.167 million gallons per day.

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 October 2015. The District is also building a third lift station, located on Triumph Lane to convey wastewater from the Phase VIII section of the Subdivision into the plant.

#### **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 bill the customers of the system. The monthly wastewater service fee charged to each residential customer is budgeted to remain at \$36.00. 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 2016 budget year and the treatment of 60,773,000 gallons. The budgeted FY 2016 service revenue for the Shadow Creek System is \$419,105 while total revenue including miscellaneous income and interest earnings amounts to \$423,107.

#### **CAPITAL ADDITIONS AND OPERATING EXPENDITURES**

The combined capital additions and operating expenditure budget for FY 2016 amounts to \$421,076.

Significant operating and maintenance expenses are power costs of \$31,000, biosolids disposal of \$44,000, lab supplies and expenses of \$21,000, and administrative services fees of \$12,668 to be paid to Goforth Special Utility District for collection of monthly sewer bills from customers. Significant maintenance and capital improvement expenditures include the installation of an emergency generator at one lift station at an estimated cost of \$27,500, installing rain covers over electrical equipment at two lift stations estimated to cost \$8,000 and repairs to one blower at the wastewater plant. Also included are improvements to the Triumph Road lift station beyond the TCEQ minimum requirements in the amount of \$50,000.

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 \$28,106 for FY 2016.

#### **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 customers of the system. The net increase in the fund balance that GBRA anticipates in the Shadow Creek System is \$2,031.

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**030 - SHADOW CREEK WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WASTEWATER SERVICES:</b>			
SERVICE FEES	374,652	419,105	44,453
<b>Total WASTEWATER SERVICES</b>	<b>374,652</b>	<b>419,105</b>	<b>44,453</b>
<b>MISCELLANEOUS INCOME:</b>			
SEWER CONNECTION/INSPECT FEES	1,650	1,590	(60)
MISCELLANEOUS REVENUES	1,920	2,400	480
<b>Total MISCELLANEOUS INCOME</b>	<b>3,570</b>	<b>3,990</b>	<b>420</b>
<b>TOTAL OPERATING REVENUES</b>	<b>378,222</b>	<b>423,095</b>	<b>44,873</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	5,026	7,350	2,324
SUPERVISION	16,416	15,874	(542)
LABOR	43,702	45,107	1,405
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>65,144</b>	<b>68,331</b>	<b>3,187</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	600	420	(180)
EMPLOYEE BENEFITS	32,081	34,493	2,413
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>32,681</b>	<b>34,913</b>	<b>2,233</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	2,400	3,000	600
DUES AND MEMBERSHIPS	150	150	
PUBLICATIONS AND BOOKS	60	60	
SMALL TOOLS EXPENSE	360	360	
TRACTORS AND EQUIPMENT	250	250	
UNIFORMS AND LAUNDRY	720	720	
BIOSOLIDS DISPOSAL COSTS	39,000	44,000	5,000
BAD DEBT EXPENSE	1,200	1,200	
TRAINING EXPENSES	2,100	2,100	
SAFETY & EMERG. EXPENSES	1,200	1,200	
POWER AND UTILITIES	25,440	31,000	5,560
AUXILLARY POWER EXPENSE		540	540
OPERATING CHEMICALS	240	240	
CHLORINE	2,160	3,000	840

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**030 - SHADOW CREEK WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
ALUM	5,000	5,000	
POLYMER	1,800	1,500	(300)
LAB SUPPLIES & EXPENSES	21,000	21,000	
PROFESSIONAL FEES	1,332	1,440	108
INSPECTION FEES	1,250	1,250	
COMMUNICATIONS	3,000	3,000	
OFFICE SUPPLIES & EXPENSES	300	300	
COMPUTER SUPPLIES & SERVICE	160	160	
ADMIN FEES-GOFORTH WATER	11,496	12,668	1,172
INSURANCE EXPENSE	4,100	4,300	200
MISCELLANEOUS EXPENSES	300	540	240
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>125,018</b>	<b>138,978</b>	<b>13,960</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	14,068	16,838	2,770
MATERIAL	18,240	22,480	4,240
SERVICES	34,740	33,930	(810)
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>67,048</b>	<b>73,248</b>	<b>6,200</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>289,890</b>	<b>315,470</b>	<b>25,580</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	26,140	28,106	1,966
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>26,140</b>	<b>28,106</b>	<b>1,966</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>316,030</b>	<b>343,576</b>	<b>27,546</b>
<b>NET OPERATING INCOME</b>	<b>62,192</b>	<b>79,519</b>	<b>17,327</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**030 - SHADOW CREEK WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	378,222	423,095	44,873
OPERATING EXPENSES	(316,030)	(343,576)	(27,546)
<b>NET OPERATING INCOME</b>	<b>62,192</b>	<b>79,519</b>	<b>17,327</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON NOW ACCTS	12	12	
<b>Total INTEREST INCOME</b>	<b>12</b>	<b>12</b>	
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>12</b>	<b>12</b>	
<b>CHANGE IN NET ASSETS</b>	<b>62,204</b>	<b>79,531</b>	<b>17,327</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
<b>TOTAL FUNDS AVAILABLE</b>	<b>62,204</b>	<b>79,531</b>	<b>17,327</b>
<b>PURCHASES OF FIXED ASSETS</b>			
STRUCTURES & IMPROVEMENTS		50,000	50,000
AUTO & HEAVY EQUIPMENT	25,000		(25,000)
MISCELLANEOUS EQUIPMENT	3,500	27,500	24,000
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>28,500</b>	<b>77,500</b>	<b>49,000</b>
<b>WORK IN PROGRESS</b>			
<b>DEBT SERVICE</b>			
<b>TOTAL FUNDS APPLIED</b>	<b>28,500</b>	<b>77,500</b>	<b>49,000</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>33,704</b>	<b>2,031</b>	<b>(31,673)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**030 - SHADOW CREEK WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	1,566	1,322	(245)
STA- CLERICAL	3,460	6,029	2,568
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>5,026</b>	<b>7,350</b>	<b>2,324</b>
<b>SUPERVISION:</b>			
SUPERVISION	16,416	15,874	(542)
<b>Total SUPERVISION</b>	<b>16,416</b>	<b>15,874</b>	<b>(542)</b>
<b>OPERATING LABOR:</b>			
CLERICAL	536	558	21
REG- OPERATING LABOR	34,070	34,438	368
REG- MISC LABOR	407	403	(5)
REG- SAFETY & TRAINING	933	1,327	393
OVT- OPERATING LABOR	6,887	7,331	444
REG- WORKING HOLIDAY LABOR	867	1,051	184
<b>Total OPERATING LABOR</b>	<b>43,702</b>	<b>45,107</b>	<b>1,405</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	11,280	13,883	2,603
<b>Total M&amp;R-LABOR</b>	<b>11,280</b>	<b>13,883</b>	<b>2,603</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER	2,788	2,956	167
<b>Total M&amp;R-OVERTIME</b>	<b>2,788</b>	<b>2,956</b>	<b>167</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>14,068</b>	<b>16,838</b>	<b>2,770</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>	<b>79,212</b>	<b>85,169</b>	<b>5,957</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**030 - SHADOW CREEK WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	11,280	13,883	2,603
OVT/LBR- OTHER	2,788	2,956	167
<b>Total LABOR</b>	<b>14,068</b>	<b>16,838</b>	<b>2,770</b>
<b>MATERIAL:</b>			
M&R/MAT- GROUNDS	240	240	
M&R/MAT- BUILDINGS	240	240	
M&R/MAT- CLARIFIERS	240	240	
M&R/MAT- PUMPS & MOTORS	4,000	4,000	
M&R/MAT- CHEM FEED/SAMPLE	1,200	2,040	840
M&R/MAT- LINES & VALVES	200	480	280
M&R/MAT- FLOW METER	200	200	
M&R/MAT- LIFT STATION	2,900	6,000	3,100
M&R/MAT- SEWER SYSTEM	400	420	20
M&R/MAT- TRUCKS,TRAILER&EQ	840	840	
M&R/MAT- GENERAL MAINT.	100	1,080	980
M&R/MAT- BIOSOLIDS REMOVAL	350	350	
M&R/MAT- SAFETY	120	120	
M&R/MAT- ROADS	120	120	
M&R/MAT- AUX GENERATOR	120	120	
M&R/MAT- BLOWERS	4,980	4,000	(980)
M&R/MAT- INSTRUMNTS/ELECTRICAL	1,500	1,500	
M&R/MAT- NON-POTABLE WTR SYSTM	250	250	
M&R/MAT- OTHER	240	240	
<b>Total MATERIAL</b>	<b>18,240</b>	<b>22,480</b>	<b>4,240</b>
<b>SERVICES:</b>			
M&R/SER- GROUNDS	100	100	
M&R/SER- BUILDINGS	120	8,000	7,880
M&R/SER- CLARIFIERS	240	240	
M&R/SER- PUMPS & MOTORS	2,000	2,000	
M&R/SER- CHEM FEED/SAMPLE	1,600	1,600	
M&R/SER- LINES & VALVES	200	420	220
M&R/SER- FLOW METER	500	500	
M&R/SER- LIFT STATION	5,200	5,200	
M&R/SER- SEWER SYSTEM	1,500	1,500	
M&R/SER- TRUCKS,TRAILER&EQ	360	360	
M&R/SER- RADIO EQUIPMENT	120	120	
M&R/SER- GENERAL MAINT.	650	1,200	550
M&R/SER- BIOSOLIDS REMOVAL	14,000	600	(13,400)
M&R/SER- SAFETY	120	120	



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**030 - SHADOW CREEK WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
M&R/SER- AUX GENERATOR	500	1,920	1,420
M&R/SER- BLOWERS	4,620	2,800	(1,820)
M&R/SER- INSTRUMNTS/ELECTRICAL	2,160	6,500	4,340
M&R/SER- NON-POTABLE WTR SYSTM	250	250	
M&R/SER- OTHER	500	500	
	<hr/>	<hr/>	<hr/>
<b>Total SERVICES</b>	<b>34,740</b>	<b>33,930</b>	<b>(810)</b>
	<hr/>	<hr/>	<hr/>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>67,048</b>	<b>73,248</b>	<b>6,200</b>
	<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORK PLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**SHADOW CREEK WWTP**

	<b>FY 2016 BUDGET</b>
<b>STRUCTURES &amp; IMPROVEMENTS</b>	
IMPROVEMENTS TO LIFT STATION	50,000
<b>Total STRUCTURES &amp; IMPROVEMENTS</b>	<b>50,000</b>
 <b>MISCELLANEOUS EQUIPMENT</b>	
EMERGENCY GENERATOR	27,500
<b>Total MISCELLANEOUS EQUIPMENT</b>	<b>27,500</b>
 <b>TOTAL CAPITAL ADDITIONS</b>	<b>77,500</b>



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# **Rural Utilities Division**

## **Canyon Park Wastewater Treatment Plant System**

### **Operating Plan for Fiscal Year Ending 8/31/16**

#### **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 2016 service fee revenue for the plant is projected to be \$328,440. This is an increase of 2.6% over the current budget and is due to an increase in the number of customers served as well as a \$2.00 per month per connection fee increase. This monthly fee increase represents a 4.3% 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 2016 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) to continue 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 - \$8,500.
5. One-fourth the cost of a Skid Steer for use at the bio-solids application site - \$8,750.
6. One-fourth the cost of a replacement truck. - \$7,500.

7. Engineering services to initiate design of a treatment plant expansion - \$301,000.
8. An extension of the Canyon Park Collection System along with a new lift station to serve potentially 120 new customers at a total cost of \$750,000.

## **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, from \$400,000 of funds previously collected and set aside for capital expenditures and from a \$605,000 bank loan. The total of these funding sources is estimated to exceed operation, maintenance and capital expenditures for FY 2016 by \$956 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  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**032 - CANYON PARK WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WASTEWATER SERVICES:</b>			
SERVICE FEES	320,000	328,440	8,440
<b>Total WASTEWATER SERVICES</b>	<b>320,000</b>	<b>328,440</b>	<b>8,440</b>
<b>MISCELLANEOUS INCOME:</b>			
SEWER CONNECTION/INSPECT FEES	127,550	55,000	(72,550)
<b>Total MISCELLANEOUS INCOME</b>	<b>127,550</b>	<b>55,000</b>	<b>(72,550)</b>
<b>TOTAL OPERATING REVENUES</b>	<b>447,550</b>	<b>383,440</b>	<b>(64,110)</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	9,440	8,496	(945)
SUPERVISION	9,415	8,810	(605)
LABOR	55,416	59,451	4,036
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>74,271</b>	<b>76,757</b>	<b>2,486</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	300	300	
EMPLOYEE BENEFITS	37,886	39,329	1,443
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>38,186</b>	<b>39,629</b>	<b>1,443</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	4,500	5,500	1,000
BUILDING RENTAL	2,268	1,893	(375)
DUES AND MEMBERSHIPS	200	200	
PUBLICATIONS AND BOOKS	50	50	
SMALL TOOLS EXPENSE	500	300	(200)
UNIFORMS AND LAUNDRY	400	400	
TRAINING EXPENSES	1,000	1,200	200
SAFETY & EMERG. EXPENSES	1,000	900	(100)
SECURITY EXPENSE	200	100	(100)
POWER AND UTILITIES	24,000	24,000	
AUXILLARY POWER EXPENSE	500	1,000	500
CHLORINE	1,000	1,000	
ALUM	6,500	6,000	(500)
POLYMER	2,000	1,500	(500)
LAB SUPPLIES & EXPENSES	15,000	16,500	1,500

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**032 - CANYON PARK WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
PROFESSIONAL FEES	1,500	1,000	(500)
INSPECTION FEES	2,500	4,000	1,500
COMMUNICATIONS	1,300	1,000	(300)
OFFICE SUPPLIES & EXPENSES	200	200	
COMPUTER SUPPLIES & SERVICE	1,700	1,900	200
INSURANCE EXPENSE	6,100	6,400	300
MISCELLANEOUS EXPENSES	1,000	1,000	
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>73,418</b>	<b>76,043</b>	<b>2,625</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	19,275	20,351	1,076
MATERIAL	18,300	33,400	15,100
SERVICES	23,540	23,540	
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>61,115</b>	<b>77,291</b>	<b>16,176</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>246,990</b>	<b>269,719</b>	<b>22,730</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	30,870	32,046	1,176
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>30,870</b>	<b>32,046</b>	<b>1,176</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>277,860</b>	<b>301,765</b>	<b>23,906</b>
<b>NET OPERATING INCOME</b>	<b>169,690</b>	<b>81,675</b>	<b>(88,016)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**032 - CANYON PARK WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	447,550	383,440	(64,110)
OPERATING EXPENSES	(277,860)	(301,765)	(23,906)
<b>NET OPERATING INCOME</b>	<b>169,690</b>	<b>81,675</b>	<b>(88,016)</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON NOW ACCTS	12	12	
<b>Total INTEREST INCOME</b>	<b>12</b>	<b>12</b>	
<b>INTEREST &amp; BANK FEES:</b>			
INT ON LONG TERM LOANS		(756)	(756)
<b>Total INTEREST &amp; BANK FEES</b>		<b>(756)</b>	<b>(756)</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>12</b>	<b>(744)</b>	<b>(756)</b>
<b>CHANGE IN NET ASSETS</b>	<b>169,702</b>	<b>80,931</b>	<b>(88,772)</b>
<b>CHANGE IN RESTRICTED FUNDS</b>	<b>400,000</b>	<b>400,000</b>	
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
BANK LOANS	202,000	605,000	403,000
<b>Total DEBT CAPITAL</b>	<b>202,000</b>	<b>605,000</b>	<b>403,000</b>
<b>TOTAL FUNDS AVAILABLE</b>	<b>771,702</b>	<b>1,085,931</b>	<b>314,228</b>
<b>PURCHASES OF FIXED ASSETS</b>			
AUTO & HEAVY EQUIPMENT		16,250	16,250
MISCELLANEOUS EQUIPMENT	2,600		(2,600)
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>2,600</b>	<b>16,250</b>	<b>13,650</b>
<b>WORK IN PROGRESS</b>			
WIP-OPERATING	750,000	1,051,000	301,000
<b>Total WORK IN PROGRESS</b>	<b>750,000</b>	<b>1,051,000</b>	<b>301,000</b>



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**032 - CANYON PARK WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>PROJECT DEVELOPMENT</b>	<b>18,179</b>	<b>11,341</b>	<b>(6,838)</b>
<b>DEBT SERVICE</b>			
LOANS PAID		6,384	6,384
<b>Total DEBT SERVICE</b>		<b>6,384</b>	<b>6,384</b>
<b>TOTAL FUNDS APPLIED</b>	<b>770,779</b>	<b>1,084,975</b>	<b>314,196</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>924</b>	<b>956</b>	<b>32</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**032 - CANYON PARK WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	5,097	4,392	(705)
STA- CLERICAL	4,344	4,104	(240)
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>9,440</b>	<b>8,496</b>	<b>(945)</b>
<b>SUPERVISION:</b>			
SUPERVISION	9,415	8,810	(605)
<b>Total SUPERVISION</b>	<b>9,415</b>	<b>8,810</b>	<b>(605)</b>
<b>OPERATING LABOR:</b>			
CLERICAL	332	398	66
REG- OPERATING LABOR	49,916	53,723	3,807
REG- PURCHASING AGENT	244	257	13
REG- SAFETY & TRAINING	34	36	2
OVT- OPERATING LABOR	4,036	4,143	106
REG- WORKING HOLIDAY LABOR	852	894	41
<b>Total OPERATING LABOR</b>	<b>55,416</b>	<b>59,451</b>	<b>4,036</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	18,232	19,602	1,370
<b>Total M&amp;R-LABOR</b>	<b>18,232</b>	<b>19,602</b>	<b>1,370</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER	1,043	749	(293)
<b>Total M&amp;R-OVERTIME</b>	<b>1,043</b>	<b>749</b>	<b>(293)</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>19,275</b>	<b>20,351</b>	<b>1,076</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>PD-SUPERVISION &amp; LABOR:</b>			
CANYON WW MASTER PLAN-NON-GEN	10,478		(10,478)

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**032 - CANYON PARK WWTP**

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
Total PD-SUPERVISION & LABOR	10,478		(10,478)
Total PROJECT DEVELOPMENT	10,478		(10,478)
TOTAL SALARIES & WAGES	104,023	97,108	(6,916)

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**032 - CANYON PARK WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	18,232	19,602	1,370
OVT/LBR- OTHER	1,043	749	(293)
<b>Total LABOR</b>	<b>19,275</b>	<b>20,351</b>	<b>1,076</b>
<b>MATERIAL:</b>			
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	2,000	
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	15,000
M&R/MAT- OTHER		100	100
<b>Total MATERIAL</b>	<b>18,300</b>	<b>33,400</b>	<b>15,100</b>
<b>SERVICES:</b>			
M&R/SER- GROUNDS	2,000	2,000	
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	2,500	
M&R/SER- TRUCKS,TRAILER&EQ	1,000	1,000	
M&R/SER- RADIO EQUIPMENT	100	100	
M&R/SER- BIOSOLIDS REMOVAL	8,500	8,500	
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  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**032 - CANYON PARK WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
M&R/SER- GEN. OFFICE BLDG	40	40	
M&R/SER- OTHER	300	300	
	<hr/>	<hr/>	<hr/>
<b>Total SERVICES</b>	<b>23,540</b>	<b>23,540</b>	
	<hr/>	<hr/>	<hr/>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>61,115</b>	<b>77,291</b>	<b>16,176</b>
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**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**032 - CANYON PARK WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>PROJECT DEVELOPMENT</b>			
CANYON WW MASTER PLAN-ENG		11,341	11,341
CANYON WW MASTER PLAN-BENEFITS	4,244		(4,244)
CANYON WW MASTER PLAN-A&G	3,458		(3,458)
CANYON WW MASTER PLAN-NON-GEN	10,478		(10,478)
<b>Total</b>	<b>18,179</b>	<b>11,341</b>	<b>(6,838)</b>
<b>TOTAL PROJECT DEVELOPMENT</b>	<b>18,179</b>	<b>11,341</b>	<b>(6,838)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**032 - CANYON PARK WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>WIP - OPERATING</b>			
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	
	<hr/>	<hr/>	<hr/>
<b>Total</b>	<b>750,000</b>	<b>750,000</b>	
CANYON PRK PLNT EXPAN-PROF FEE		300,000	300,000
CANYON PRK PLNT EXPAN-MISC		1,000	1,000
	<hr/>	<hr/>	<hr/>
<b>Total</b>		<b>301,000</b>	<b>301,000</b>
<b>TOTAL WIP - OPERATING</b>	<b>750,000</b>	<b>1,051,000</b>	<b>301,000</b>
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**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORK PLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**CANYON PARK WWTP**

	<b>FY 2016 BUDGET</b>
<b>AUTO &amp; HEAVY EQUIPMENT</b>	
1/4 COST OF REPLACEMENT TRUCK	7,500
1/4 COST OF SKID STEER	8,750
<b>Total AUTO &amp; HEAVY EQUIPMENT</b>	<b>16,250</b>
<b>TOTAL CAPITAL ADDITIONS</b>	<b>16,250</b>





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# **Rural Utilities Division**

## **Dunlap Wastewater Treatment Plant System**

### **Operating Plan for Fiscal Year Ending 8/31/16**

#### **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 \$58,800 due to an increase in the number of customers receiving wastewater service from the plant. Miscellaneous income will increase by \$158,220 also due to a growing customer base. The combination of service fees and miscellaneous income is budgeted to total \$894,248 in FY 2016.

#### **CAPITAL ADDITIONS AND OPERATING EXPENDITURES**

The following Work Plan and Budget describes the operations and maintenance to be performed during FY 2016 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 - \$19,000.
3. Removal of bio-solids (sludge) from the plant and delivery to the bio-solids application site - \$24,000.
4. Lift station maintenance (material and services) - \$18,000.
5. Demolition of Train 1 - \$10,000.
6. Replace the UV controller - \$16,000.

7. Purchase a submersible pump for South Bank lift station - \$5,000.
8. Purchase a chlorinator to treat the returned activated sludge - \$3,000.
9. One-fourth the cost of a replacement truck - \$7,500.
10. One-fourth the cost of a Skid Steer for use at the bio-solids application site - \$8,750.
11. Install emergency generator at the treatment plant - \$132,000.

Total operating expenses are projected to increase \$14,076.00 or 3.3% in FY 2016.

Another significant expenditure category for next year is debt service amounting to \$180,000. This debt service 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 2016 budgeted expenditures and receiving the above listed funding sources is \$77,693.

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**033 - DUNLAP WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WASTEWATER SERVICES:</b>			
SERVICE FEES	532,800	591,600	58,800
<b>Total WASTEWATER SERVICES</b>	<b>532,800</b>	<b>591,600</b>	<b>58,800</b>
<b>MISCELLANEOUS INCOME:</b>			
CONNECTION FEES	138,848	255,128	116,280
INSPECTION FEES	3,900	26,520	22,620
MISCELLANEOUS REVENUES	1,680	21,000	19,320
<b>Total MISCELLANEOUS INCOME</b>	<b>144,428</b>	<b>302,648</b>	<b>158,220</b>
<b>TOTAL OPERATING REVENUES</b>	<b>677,228</b>	<b>894,248</b>	<b>217,020</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	17,294	17,532	238
SUPERVISION	13,893	13,526	(367)
LABOR	62,193	65,872	3,679
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>93,380</b>	<b>96,930</b>	<b>3,550</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	350	300	(50)
EMPLOYEE BENEFITS	46,446	48,221	1,774
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>46,796</b>	<b>48,521</b>	<b>1,724</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	9,500	9,500	
BUILDING RENTAL	2,268	1,893	(375)
DUES AND MEMBERSHIPS	200	200	
PUBLICATIONS AND BOOKS	50	50	
SMALL TOOLS EXPENSE	400	400	
UNIFORMS AND LAUNDRY	600	600	
TRAINING EXPENSES	900	1,100	200
SAFETY & EMERG. EXPENSES	1,000	800	(200)
SECURITY EXPENSE	100	100	
POWER AND UTILITIES	52,000	54,000	2,000
AUXILIARY POWER EXPENSE	1,600	2,000	400
CHLORINE	400	400	
ALUM	13,000	16,000	3,000

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**033 - DUNLAP WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
POLYMER	2,000	1,500	(500)
LAB SUPPLIES & EXPENSES	21,000	21,500	500
PROFESSIONAL FEES	2,000	1,500	(500)
INSPECTION FEES	9,300	9,500	200
COMMUNICATIONS	1,000	800	(200)
OFFICE SUPPLIES & EXPENSES	300	300	
COMPUTER SUPPLIES & SERVICE	1,500	1,500	
BANK SERVICE FEES		1,200	1,200
INSURANCE EXPENSE	11,800	12,400	600
MISCELLANEOUS EXPENSES	1,000	1,000	
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>131,918</b>	<b>138,243</b>	<b>6,325</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	21,303	22,134	831
MATERIAL	23,750	23,950	200
SERVICES	75,650	75,650	
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>120,703</b>	<b>121,734</b>	<b>1,031</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>392,797</b>	<b>405,428</b>	<b>12,630</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	37,846	39,291	1,446
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>37,846</b>	<b>39,291</b>	<b>1,446</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>430,643</b>	<b>444,719</b>	<b>14,076</b>
<b>NET OPERATING INCOME</b>	<b>246,585</b>	<b>449,529</b>	<b>202,944</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**033 - DUNLAP WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	677,228	894,248	217,020
OPERATING EXPENSES	(430,643)	(444,719)	(14,076)
<b>NET OPERATING INCOME</b>	<b>246,585</b>	<b>449,529</b>	<b>202,944</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON NOW ACCTS	12	12	
INT ON DUNLAP RESERVE	3,600	1,800	(1,800)
INT ON DUNLAP I&S FUND	360	480	120
<b>Total INTEREST INCOME</b>	<b>3,972</b>	<b>2,292</b>	<b>(1,680)</b>
<b>CAPITAL CONTRIBUTIONS:</b>			
CONTRIBUTED BY OTHER FUNDS	85,000		(85,000)
<b>Total CAPITAL CONTRIBUTIONS</b>	<b>85,000</b>		<b>(85,000)</b>
<b>INTEREST &amp; BANK FEES:</b>			
INT ON LONG TERM LOANS	(97,128)	(78,012)	19,116
<b>Total INTEREST &amp; BANK FEES</b>	<b>(97,128)</b>	<b>(78,012)</b>	<b>19,116</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>(8,156)</b>	<b>(75,720)</b>	<b>(67,564)</b>
<b>CHANGE IN NET ASSETS</b>	<b>238,429</b>	<b>373,809</b>	<b>135,380</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
BANK LOAN-EMERGENCY GENERATORS	105,000		(105,000)
GENERAL LOANS	367,000		(367,000)
<b>Total DEBT CAPITAL</b>	<b>472,000</b>		<b>(472,000)</b>
<b>TOTAL FUNDS AVAILABLE</b>	<b>710,429</b>	<b>373,809</b>	<b>(336,620)</b>
<b>PURCHASES OF FIXED ASSETS</b>			

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**033 - DUNLAP WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
AUTO & HEAVY EQUIPMENT		16,250	16,250
MISCELLANEOUS EQUIPMENT	2,100	24,000	21,900
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>2,100</b>	<b>40,250</b>	<b>38,150</b>
<b>WORK IN PROGRESS</b>			
WIP-OPERATING	105,000	132,000	27,000
<b>Total WORK IN PROGRESS</b>	<b>105,000</b>	<b>132,000</b>	<b>27,000</b>
<b>CHANGE IN RESTRICTED FUNDS</b>		<b>2,280</b>	<b>2,280</b>
<b>PROJECT DEVELOPMENT</b>	<b>10,279</b>	<b>9,434</b>	<b>(844)</b>
<b>DEBT SERVICE</b>			
LOANS PAID	592,296	112,152	(480,144)
<b>Total DEBT SERVICE</b>	<b>592,296</b>	<b>112,152</b>	<b>(480,144)</b>
<b>TOTAL FUNDS APPLIED</b>	<b>709,675</b>	<b>296,116</b>	<b>(413,558)</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>755</b>	<b>77,693</b>	<b>76,938</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**033 - DUNLAP WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	5,884	4,833	(1,051)
STA- CLERICAL	11,410	12,700	1,289
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>17,294</b>	<b>17,532</b>	<b>238</b>
<b>SUPERVISION:</b>			
SUPERVISION	13,893	13,526	(367)
<b>Total SUPERVISION</b>	<b>13,893</b>	<b>13,526</b>	<b>(367)</b>
<b>OPERATING LABOR:</b>			
CLERICAL	1,047	1,089	42
REG- OPERATING LABOR	54,320	58,158	3,839
REG- PURCHASING AGENT	370	329	(41)
REG- SAFETY & TRAINING	52	46	(6)
OVT- OPERATING LABOR	5,111	5,106	(4)
REG- WORKING HOLIDAY LABOR	1,293	1,142	(150)
<b>Total OPERATING LABOR</b>	<b>62,193</b>	<b>65,872</b>	<b>3,679</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	20,086	21,010	923
<b>Total M&amp;R-LABOR</b>	<b>20,086</b>	<b>21,010</b>	<b>923</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER	1,217	1,124	(93)
<b>Total M&amp;R-OVERTIME</b>	<b>1,217</b>	<b>1,124</b>	<b>(93)</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>21,303</b>	<b>22,134</b>	<b>831</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>PD-SUPERVISION &amp; LABOR:</b>			
DUNLAP AREA MASTER PLAN-SUPERV	5,924	5,438	(487)



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**033 - DUNLAP WWTP**

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
Total PD-SUPERVISION & LABOR	5,924	5,438	(487)
Total PROJECT DEVELOPMENT	5,924	5,438	(487)
TOTAL SALARIES & WAGES	120,607	124,501	3,894

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**033 - DUNLAP WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	20,086	21,010	923
OVT/LBR- OTHER	1,217	1,124	(93)
<b>Total LABOR</b>	<b>21,303</b>	<b>22,134</b>	<b>831</b>
<b>MATERIAL:</b>			
M&R/MAT- GROUNDS	100	100	
M&R/MAT- BUILDINGS	2,000	2,000	
M&R/MAT- COMMUNUTOR	200	200	
M&R/MAT- CLARIFIERS	200	200	
M&R/MAT- PAINT EQUIPMENT	100	100	
M&R/MAT- PUMPS & MOTORS	1,000	1,000	
M&R/MAT- CHEM FEED/SAMPLE	500	500	
M&R/MAT- GREASE EQUIPMENT	200	200	
M&R/MAT- CONTROL SYSTEM	900	900	
M&R/MAT- LINES & VALVES	900	900	
M&R/MAT- FLOW METERS	200	200	
M&R/MAT- LIFT STATION	9,000	9,000	
M&R/MAT- SEWER SYSTEM	2,000	2,000	
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	200	400	200
M&R/MAT- U.V. SYSTEM	3,000	3,000	
M&R/MAT- OTHER	50	50	
<b>Total MATERIAL</b>	<b>23,750</b>	<b>23,950</b>	<b>200</b>
<b>SERVICES:</b>			
M&R/SER- GROUNDS	4,000	4,000	
M&R/SER- COMMUNUTOR	200	200	
M&R/SER- CLARIFIERS	400	400	
M&R/SER- PUMPS & MOTORS	1,300	1,300	
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  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**033 - DUNLAP WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
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	24,000	
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	
<b>Total SERVICES</b>	<b>75,650</b>	<b>75,650</b>	
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>120,703</b>	<b>121,734</b>	<b>1,031</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**033 - DUNLAP WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>PROJECT DEVELOPMENT</b>			
DUNLAP AREA MASTER PLAN-BENEFT	2,399	2,202	(197)
DUNLAP AREA MASTER PLAN-A&G	1,955	1,794	(161)
DUNLAP AREA MASTER PLAN-SUPERV	5,924	5,438	(487)
<b>Total</b>	<b>10,279</b>	<b>9,434</b>	<b>(844)</b>
<b>TOTAL PROJECT DEVELOPMENT</b>	<b>10,279</b>	<b>9,434</b>	<b>(844)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**033 - DUNLAP WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>WIP - OPERATING</b>			
EMERGENCY GEN INSTALL-SERVICE		124,000	124,000
EMERGENCY GEN INSTALL-MATERIAL		5,000	5,000
EMERGENCY GEN INSTALL-MISC		3,000	3,000
<b>Total</b>		<b>132,000</b>	<b>132,000</b>
DEMOLITION OF TRAIN 1-SERVICE	10,000		(10,000)
<b>Total</b>	<b>10,000</b>		<b>(10,000)</b>
THREE EMERGENCY GENERATORS-SER	15,000		(15,000)
THREE EMERGENCY GENERATORS-MTL	80,000		(80,000)
<b>Total</b>	<b>95,000</b>		<b>(95,000)</b>
<b>TOTAL WIP - OPERATING</b>	<b>105,000</b>	<b>132,000</b>	<b>27,000</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORK PLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**DUNLAP WWTP**

**FY 2016  
BUDGET**

**AUTO & HEAVY EQUIPMENT**

1/4 COST OF BOBCAT	8,750
1/4 COST OF REPLACEMENT TRUCK	7,500
<b>Total AUTO &amp; HEAVY EQUIPMENT</b>	<b>16,250</b>

**MISCELLANEOUS EQUIPMENT**

CHLORINATOR FOR RAS	3,000
SUBMERSIBLE PUMP (SOUTH BANK)	5,000
UV CONTROLLER	16,000
<b>Total MISCELLANEOUS EQUIPMENT</b>	<b>24,000</b>

<b>TOTAL CAPITAL ADDITIONS</b>	<b>40,250</b>
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# **Rural Utilities Division**

## **Northcliffe Wastewater Treatment Plant System**

### **Operating Plan for Fiscal Year Ending 8/31/16**

#### **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 2016, the operating and capital expenditures of this plant are expected to increase by \$40,372 and therefore under the contract with the City of Schertz, wastewater service revenue will also increase by \$40,372 to a total of \$543,070.

#### **CAPITAL ADDITIONS AND OPERATING EXPENDITURES**

The following Work Plan and Budget describes the operations and maintenance to be performed during FY 2016 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 replacement truck - \$7,500.
3. One-fourth the cost of a Skid Steer for use at the bio-solids application site - \$8,750.
4. The most significant expense is a capital addition project to enhance the treatment structures to improve performance of the waste water treatment plant. - \$249,900

#### **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 2016 amounts to only \$12.

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**034 - NORTHCLIFFE WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WASTEWATER SERVICES:</b>			
OPERATING & MAINTENANCE	232,299	242,524	10,226
ADMINISTRATIVE & GENERAL	32,399	34,395	1,996
ADDITIONS TO PLANT & EQUIP.	238,000	266,150	28,150
<b>Total WASTEWATER SERVICES</b>	<b>502,698</b>	<b>543,070</b>	<b>40,372</b>
<b>TOTAL OPERATING REVENUES</b>	<b>502,698</b>	<b>543,070</b>	<b>40,372</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	7,528	6,825	(703)
SUPERVISION	10,147	10,026	(120)
LABOR	60,093	65,510	5,417
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>77,767</b>	<b>82,361</b>	<b>4,594</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	300	300	
EMPLOYEE BENEFITS	39,762	42,213	2,450
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>40,062</b>	<b>42,513</b>	<b>2,450</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	4,200	4,000	(200)
BUILDING RENTAL	2,268	1,893	(375)
DUES AND MEMBERSHIPS	100	100	
PUBLICATIONS AND BOOKS	40	40	
SMALL TOOLS EXPENSE	400	200	(200)
UNIFORMS AND LAUNDRY	400	400	
TRAINING EXPENSES	1,000	1,200	200
SAFETY & EMERG. EXPENSES	900	400	(500)
POWER AND UTILITIES	17,000	19,500	2,500
AUXILLARY POWER EXPENSE	800	900	100
CHLORINE	2,200	2,200	
POLYMER	2,000	2,000	
LAB SUPPLIES & EXPENSES	11,000	11,000	
PROFESSIONAL FEES	1,000	900	(100)
INSPECTION FEES	2,500	2,400	(100)
COMMUNICATIONS	700	700	
OFFICE SUPPLIES & EXPENSES	50	50	
COMPUTER SUPPLIES & SERVICE	1,000	1,100	100

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**034 - NORTHCLIFFE WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
INSURANCE EXPENSE	5,400	5,700	300
MISCELLANEOUS EXPENSES	1,000	1,000	
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>53,958</b>	<b>55,683</b>	<b>1,725</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	20,411	21,868	1,456
MATERIAL	11,050	11,050	
SERVICES	29,050	29,050	
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>60,511</b>	<b>61,968</b>	<b>1,456</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>232,299</b>	<b>242,524</b>	<b>10,225</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	32,399	34,395	1,996
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>32,399</b>	<b>34,395</b>	<b>1,996</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>264,698</b>	<b>276,920</b>	<b>12,222</b>
<b>NET OPERATING INCOME</b>	<b>238,000</b>	<b>266,150</b>	<b>28,150</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**034 - NORTHCLIFFE WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	502,698	543,070	40,372
OPERATING EXPENSES	(264,698)	(276,920)	(12,222)
<b>NET OPERATING INCOME</b>	<b>238,000</b>	<b>266,150</b>	<b>28,150</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON NOW ACCTS	12	12	
INT ON RESTD INVESTMENTS	600	480	(120)
<b>Total INTEREST INCOME</b>	<b>612</b>	<b>492 (120)</b>	
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>612</b>	<b>492</b>	<b>(120)</b>
<b>CHANGE IN NET ASSETS</b>	<b>238,612</b>	<b>266,642</b>	<b>28,030</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
<b>TOTAL FUNDS AVAILABLE</b>	<b>238,612</b>	<b>266,642</b>	<b>28,030</b>
<b>PURCHASES OF FIXED ASSETS</b>			
AUTO & HEAVY EQUIPMENT		16,250	16,250
<b>Total PURCHASES OF FIXED ASSETS</b>		<b>16,250</b>	<b>16,250</b>
<b>WORK IN PROGRESS</b>			
WIP-OPERATING	238,000	249,900	11,900
<b>Total WORK IN PROGRESS</b>	<b>238,000</b>	<b>249,900</b>	<b>11,900</b>
<b>CHANGE IN RESTRICTED FUNDS</b>	<b>600</b>	<b>480 (120)</b>	
<b>DEBT SERVICE</b>			
<b>TOTAL FUNDS APPLIED</b>	<b>238,600</b>	<b>266,630</b>	<b>28,030</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>12</b>	<b>12</b>	<b>0</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**034 - NORTHCLIFFE WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	4,519	3,677	(843)
STA- CLERICAL	3,008	3,148	140
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>7,528</b>	<b>6,825 (703)</b>	
<b>SUPERVISION:</b>			
SUPERVISION	10,147	10,026	(120)
<b>Total SUPERVISION</b>	<b>10,147</b>	<b>10,026 (120)</b>	
<b>OPERATING LABOR:</b>			
CLERICAL	332	398	66
REG- OPERATING LABOR	54,534	59,476	4,941
REG- PURCHASING AGENT	229	273	44
REG- SAFETY & TRAINING	32	38	6
OVT- OPERATING LABOR	4,165	4,377	212
REG- WORKING HOLIDAY LABOR	800	948	148
<b>Total OPERATING LABOR</b>	<b>60,093</b>	<b>65,510 5,417</b>	
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	19,369	21,118	1,750
<b>Total M&amp;R-LABOR</b>	<b>19,369</b>	<b>21,118 1,750</b>	
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER	1,043	749	(293)
<b>Total M&amp;R-OVERTIME</b>	<b>1,043</b>	<b>749 (293)</b>	
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>20,411</b>	<b>21,868</b>	<b>1,456</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>	<b>98,179</b>	<b>104,229</b>	<b>6,050</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**034 - NORTHCLIFFE WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	19,369	21,118	1,750
OVT/LBR- OTHER	1,043	749	(293)
<b>Total LABOR</b>	<b>20,411</b>	<b>21,868</b>	<b>1,456</b>
<b>MATERIAL:</b>			
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- RADIO 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	
<b>Total MATERIAL</b>	<b>11,050</b>	<b>11,050</b>	
<b>SERVICES:</b>			
M&R/SER- GROUNDS	3,500	3,500	
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  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**034 - NORTHCLIFFE WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
M&R/SER- OTHER	200	200	
<b>Total SERVICES</b>	<b>29,050</b>	<b>29,050</b>	
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>60,511</b>	<b>61,968</b>	<b>1,456</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**034 - NORTHCLIFFE WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>WIP - OPERATING</b>			
TREATMENT PLANT IMPROV- SERV	197,000	206,850	9,850
TREATMENT PLANT IMPROV- PROF	25,000	26,250	1,250
TREATMENT PLANT IMPROV- MAT'L	15,000	15,750	750
TREATMENT PLANT IMPROV- MISC	1,000	1,050	50
<b>Total</b>	<b>238,000</b>	<b>249,900</b>	<b>11,900</b>
<b>TOTAL WIP - OPERATING</b>	<b>238,000</b>	<b>249,900</b>	<b>11,900</b>



**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORK PLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**SPRINGS HILL WWTP**

	<b>FY 2016 BUDGET</b>
<b>AUTO &amp; HEAVY EQUIPMENT</b>	
1/4 COST OF REPLACEMENT TRUCK	7,500
1/4 COST OF SKID STEER	8,750
<b>Total AUTO &amp; HEAVY EQUIPMENT</b>	<b>16,250</b>
<b>TOTAL CAPITAL ADDITIONS</b>	<b>16,250</b>

# **Rural Utilities Division**

## **Springs Hill Wastewater Treatment Plant System**

### **Operating Plan for Fiscal Year Ending 8/31/16**

#### **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 2016, the aggregate of the total operating expenditures, capital additions, and a five year payoff of emergency generating equipment purchased in FY 2014 for the plant are expected to increase by \$23,504 to \$259,304. Total revenue from the City is similarly expected to increase 9.97% to \$285,234 as a result of the higher operating costs budgeted for next year. However, 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 2016 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 2016 plant budget is \$103,032 which is a 4.97% 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 operating expenses budgeted for FY 2016 includes \$17,500 for power costs, \$13,000 for laboratory supplies, and \$6,500 for insurance costs.

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

1. Instrumentation Services, Inc. to continue predictive maintenance on all plant equipment - \$1,100.
2. One-fourth the cost of a replacement truck - \$7,500.
3. One-fourth the cost of a Skid Steer for use at the bio-solids application site - \$8,750.
4. Replace a chlorine regulator - \$1,400.
5. The removal of bio-solids (sludge) from the plant and delivery to the bio-solids application site - \$12,000.

## **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 2016 budgeted expenditures is \$52,776.

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**035 - SPRINGS HILL WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WASTEWATER SERVICES:</b>			
SERVICE FEES-CITY OF SEGUIN	259,380	285,234	25,854
<b>Total WASTEWATER SERVICES</b>	<b>259,380</b>	<b>285,234</b>	<b>25,854</b>
<b>TOTAL OPERATING REVENUES</b>	<b>259,380</b>	<b>285,234</b>	<b>25,854</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	6,872	6,599	(272)
SUPERVISION	5,924	5,521	(403)
LABOR	40,159	43,181	3,022
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>52,955</b>	<b>55,302</b>	<b>2,347</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	300	300	
EMPLOYEE BENEFITS	28,206	29,613	1,407
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>28,506</b>	<b>29,913</b>	<b>1,407</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	3,000	3,500	500
BUILDING RENTAL	2,268	1,893	(375)
DUES AND MEMBERSHIPS	150	150	
PUBLICATIONS AND BOOKS	50	50	
SMALL TOOLS EXPENSE	500	500	
UNIFORMS AND LAUNDRY	300	300	
TRAINING EXPENSES	2,000	2,200	200
SAFETY & EMERG. EXPENSES	1,500	1,000	(500)
SECURITY EXPENSE	100	100	
POWER AND UTILITIES	17,000	17,500	500
AUXILLARY POWER EXPENSE	200	500	300
CHLORINE	1,200	1,200	
POLYMER	1,500	1,500	
LAB SUPPLIES & EXPENSES	13,000	13,000	
PROFESSIONAL FEES	1,000	1,000	
INSPECTION FEES	4,200	4,200	
COMMUNICATIONS	600	600	
OFFICE SUPPLIES & EXPENSES	100	100	
COMPUTER SUPPLIES & SERVICE	800	1,100	300
INSURANCE EXPENSE	6,200	6,500	300

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**035 - SPRINGS HILL WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
MISCELLANEOUS EXPENSES	1,000	1,000	
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>56,668</b>	<b>57,893</b>	<b>1,225</b>
 <b>MAINTENANCE &amp; REPAIR</b>			
LABOR	16,689	17,817	1,128
MATERIAL	13,600	13,600	
SERVICES	19,200	19,200	
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>49,489</b>	<b>50,617</b>	<b>1,128</b>
 <b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>187,617</b>	<b>193,724</b>	<b>6,107</b>
 <b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	22,982	24,129	1,147
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>22,982</b>	<b>24,129</b>	<b>1,147</b>
 <b>TOTAL OPERATING EXPENSES</b>	<b>210,600</b>	<b>217,854</b>	<b>7,254</b>
 <b>NET OPERATING INCOME</b>	<b>48,780</b>	<b>67,380</b>	<b>18,600</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**035 - SPRINGS HILL WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	259,380	285,234	25,854
OPERATING EXPENSES	(210,600)	(217,854)	(7,254)
<b>NET OPERATING INCOME</b>	<b>48,780</b>	<b>67,380</b>	<b>18,600</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON NOW ACCTS	12	12	
INTEREST ON CITY OF SEGUIN N/R	18,668	16,778	(1,890)
<b>Total INTEREST INCOME</b>	<b>18,680</b>	<b>16,790</b>	<b>(1,890)</b>
<b>CAPITAL CONTRIBUTIONS:</b>			
CONTRIBUTED BY OTHER FUNDS	(85,000)		85,000
<b>Total CAPITAL CONTRIBUTIONS</b>	<b>(85,000)</b>		<b>85,000</b>
<b>INTEREST &amp; BANK FEES:</b>			
INT ON LONG TERM LOANS		(1,608)	(1,608)
<b>Total INTEREST &amp; BANK FEES</b>		<b>(1,608)</b>	<b>(1,608)</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>(66,320)</b>	<b>15,182</b>	<b>81,502</b>
<b>CHANGE IN NET ASSETS</b>	<b>(17,540)</b>	<b>82,562</b>	<b>100,102</b>
<b>CHANGE IN RESTRICTED FUNDS</b>	<b>43,832</b>		<b>(43,832)</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
<b>TOTAL FUNDS AVAILABLE</b>	<b>26,292</b>	<b>82,562</b>	<b>56,270</b>
<b>PURCHASES OF FIXED ASSETS</b>			
AUTO & HEAVY EQUIPMENT		16,250	16,250
<b>Total PURCHASES OF FIXED ASSETS</b>		<b>16,250</b>	<b>16,250</b>
<b>WORK IN PROGRESS</b>			

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**035 - SPRINGS HILL WWTP**

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
<b>DEBT SERVICE</b>			
LOANS PAID	_____	13,536	13,536
<b>Total DEBT SERVICE</b>		<b>13,536</b>	<b>13,536</b>
<b>TOTAL FUNDS APPLIED</b>	_____	<b>29,786</b>	<b>29,786</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>26,292</b>	<b>52,776</b>	<b>26,484</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**035 - SPRINGS HILL WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	3,758	3,336	(422)
STA- CLERICAL	3,113	3,263	150
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>6,872</b>	<b>6,599</b>	<b>(272)</b>
<b>SUPERVISION:</b>			
SUPERVISION	5,924	5,521	(403)
<b>Total SUPERVISION</b>	<b>5,924</b>	<b>5,521</b>	<b>(403)</b>
<b>OPERATING LABOR:</b>			
CLERICAL	332	398	66
REG- OPERATING LABOR	35,124	37,896	2,772
REG- PURCHASING AGENT	183	199	16
REG- SAFETY & TRAINING	26	28	2
OVT- OPERATING LABOR	3,853	3,968	115
REG- WORKING HOLIDAY LABOR	640	691	51
<b>Total OPERATING LABOR</b>	<b>40,159</b>	<b>43,181</b>	<b>3,022</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	15,820	17,068	1,248
<b>Total M&amp;R-LABOR</b>	<b>15,820</b>	<b>17,068</b>	<b>1,248</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER	869	749	(120)
<b>Total M&amp;R-OVERTIME</b>	<b>869</b>	<b>749</b>	<b>(120)</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>16,689</b>	<b>17,817</b>	<b>1,128</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>	<b>69,644</b>	<b>73,119</b>	<b>3,475</b>



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**035 - SPRINGS HILL WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	15,820	17,068	1,248
OVT/LBR- OTHER	869	749	(120)
<b>Total LABOR</b>	<b>16,689</b>	<b>17,817</b>	<b>1,128</b>
<b>MATERIAL:</b>			
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	
<b>Total MATERIAL</b>	<b>13,600</b>	<b>13,600</b>	
<b>SERVICES:</b>			
M&R/SER- GROUNDS	2,500	2,500	
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	12,000	
M&R/SER- SAFETY	100	100	
M&R/SER- ROADS	100	100	
M&R/SER- BIOSOLIDS SITE	900	900	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**035 - SPRINGS HILL WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
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	
	<hr/>	<hr/>	<hr/>
<b>Total SERVICES</b>	<b>19,200</b>	<b>19,200</b>	
	<hr/>	<hr/>	<hr/>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>49,489</b>	<b>50,617</b>	<b>1,128</b>
	<hr/>	<hr/>	<hr/>

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORK PLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**SPRINGS HILL WWTP**

	<b>FY 2016 BUDGET</b>
<b>AUTO &amp; HEAVY EQUIPMENT</b>	
1/4 COST OF REPLACEMENT TRUCK	7,500
1/4 COST OF SKID STEER	8,750
<b>Total AUTO &amp; HEAVY EQUIPMENT</b>	<b>16,250</b>
<b>TOTAL CAPITAL ADDITIONS</b>	<b>16,250</b>

# **Rural Utilities Division**

## **Sunfield Wastewater Treatment Plant System**

### **Operating Plan for Fiscal Year Ending 8/31/16**

#### **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 2016.

GBRA assumed operation of the Sunfield Wastewater Treatment Plant upon completion of construction and plant start-up 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 2016 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 2016 revenue for the Sunfield System is \$192,413.

#### **CAPITAL ADDITIONS AND OPERATING EXPENDITURES**

The total operating expenditure budget for FY 2016 amounts to \$192,413.

In addition to personnel costs, other significant operating and maintenance expenses are power and utilities expenses of \$42,000, chemical expenses of \$6,750, biosolids disposal of \$14,000 and laboratory supplies of \$18,000.

The budget includes the standard administration and general percentage charged to all operating divisions of GBRA and the budget for this expense is \$13,495.

#### **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. 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 2016 is \$0.

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**037 - SUNFIELD WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WASTEWATER SERVICES:</b>			
PLANT O & M EXPENSES	190,063	178,918	(11,145)
ADMINISTRATIVE & GENERAL	11,915	13,495	1,580
<b>Total WASTEWATER SERVICES</b>	<b>201,978</b>	<b>192,413</b>	<b>(9,565)</b>
<b>TOTAL OPERATING REVENUES</b>	<b>201,978</b>	<b>192,413</b>	<b>(9,565)</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	4,158	4,264	106
SUPERVISION	10,667	10,393	(273)
LABOR	16,853	20,239	3,386
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>31,678</b>	<b>34,896</b>	<b>3,218</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEE BENEFITS	14,624	16,562	1,938
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>14,624</b>	<b>16,562</b>	<b>1,938</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	1,800	1,800	
SMALL TOOLS EXPENSE	200	200	
TRACTORS AND EQUIPMENT	200	200	
UNIFORMS AND LAUNDRY	72	72	
BIOSOLIDS DISPOSAL COSTS	12,000	14,000	2,000
SAFETY & EMERG. EXPENSES	100	240	140
POWER AND UTILITIES	31,000	42,000	11,000
AUXILLARY POWER EXPENSE	2,800	2,800	
OPERATING CHEMICALS		350	350
CHLORINE	1,000	1,400	400
ALUM/FERRIC/CITRIC ACID	4,500	5,000	500
LAB SUPPLIES & EXPENSES	18,000	18,000	
PROFESSIONAL FEES	1,200	1,500	300
INSPECTION/TESTING FEES	2,100	2,100	
COMMUNICATIONS	1,080	1,080	
OFFICE SUPPLIES & EXPENSES	180	200	20
COMPUTER SUPPLIES & SERVICE	120	120	
INSURANCE EXPENSE	4,500	4,700	200
MISCELLANEOUS EXPENSES	240	240	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**037 - SUNFIELD WWTP**

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>81,092</b>	<b>96,002</b>	<b>14,910</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	4,430	5,998	1,568
MATERIAL	6,710	6,710	
SERVICES	51,530	18,750	(32,780)
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>62,670</b>	<b>31,458</b>	<b>(31,212)</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>190,063</b>	<b>178,918</b>	<b>(11,145)</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	11,915	13,495	1,580
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>11,915</b>	<b>13,495</b>	<b>1,580</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>201,979</b>	<b>192,413</b>	<b>(9,565)</b>
<b>NET OPERATING INCOME</b>	<b>()</b>	<b>0</b>	<b>0</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**037 - SUNFIELD WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	201,978	192,413	(9,565)
OPERATING EXPENSES	(201,979)	(192,413)	9,565
<b>NET OPERATING INCOME</b>	<b>()</b>	<b>0</b>	<b>0</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>			
<b>CHANGE IN NET ASSETS</b>	<b>()</b>	<b>0</b>	<b>0</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
<b>TOTAL FUNDS AVAILABLE</b>	<b>()</b>	<b>0</b>	<b>0</b>
<b>PURCHASES OF FIXED ASSETS</b>			
<b>WORK IN PROGRESS</b>			
<b>DEBT SERVICE</b>			
<b>TOTAL FUNDS APPLIED</b>			
<b>NET CHANGE IN FUND BALANCE</b>	<b>()</b>	<b>0</b>	<b>0</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**037 - SUNFIELD WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	1,893	1,695	(198)
STA- CLERICAL	2,265	2,568	303
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>4,158</b>	<b>4,264</b>	<b>106</b>
<b>SUPERVISION:</b>			
SUPERVISION	10,667	10,393	(273)
<b>Total SUPERVISION</b>	<b>10,667</b>	<b>10,393</b>	<b>(273)</b>
<b>OPERATING LABOR:</b>			
CLERICAL	332	398	66
REG- OPERATING LABOR	11,653	14,657	3,005
REG- MISC LABOR	407	403	(5)
OVT- OPERATING LABOR	3,718	3,941	223
REG- WORKING HOLIDAY LABOR	744	840	96
<b>Total OPERATING LABOR</b>	<b>16,853</b>	<b>20,239</b>	<b>3,386</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	4,430	5,998	1,568
<b>Total M&amp;R-LABOR</b>	<b>4,430</b>	<b>5,998</b>	<b>1,568</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>4,430</b>	<b>5,998</b>	<b>1,568</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>	<b>36,107</b>	<b>40,894</b>	<b>4,787</b>



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**037 - SUNFIELD WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	4,430	5,998	1,568
<b>Total LABOR</b>	<b>4,430</b>	<b>5,998</b>	<b>1,568</b>
<b>MATERIAL:</b>			
M&R/MAT- GROUNDS	120	120	
M&R/MAT- BUILDINGS	120	120	
M&R/MAT- FILTERS	250	250	
M&R/MAT- CLARIFIERS	120	120	
M&R/MAT- PUMPS & MOTORS	1,800	1,800	
M&R/MAT- CHEM FEED/SAMPLING	500	500	
M&R/MAT- LINES & VALVES	120	120	
M&R/MAT- FLOW METERS	120	120	
M&R/MAT- LIFT STATIONS	600	600	
M&R/MAT- GENERAL MAINT	240	240	
M&R/MAT- ROADS	600	600	
M&R/MAT- AUX GENERATOR	200	200	
M&R/MAT- BLOWERS	240	240	
M&R/MAT- INSTRUM/ELECTRICAL	1,200	1,200	
M&R/MAT- NON-POT WATER SYSTEM	240	240	
M&R/MAT- OTHER	240	240	
<b>Total MATERIAL</b>	<b>6,710</b>	<b>6,710</b>	
<b>SERVICES:</b>			
M&R/SER- GROUNDS	1,200	1,200	
M&R/SER- BUILDINGS	120	120	
M&R/SER- FILTERS	480	480	
M&R/SER- PUMPS & MOTORS	1,800	1,800	
M&R/SER- CHEM FEED/SAMPLING	500	4,600	4,100
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- GENERAL MAINT.	38,000		(38,000)
M&R/SER- ROADS	2,500	2,500	
M&R/SER- AUX GENERATOR	1,800	2,920	1,120
M&R/SER- BLOWERS	240	240	
M&R/SER- INSTRUM/ELECTRICAL	540	540	
M&R/SER- NON-POT WATER SYSTEM	120	120	
M&R/SER- OTHER	240	240	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**037 - SUNFIELD WWTP**

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
Total SERVICES	51,530	18,750	(32,780)
TOTAL MAINTENANCE & REPAIR	62,670	31,458	(31,212)



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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  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WASTEWATER SERVICES:</b>			
PLANT O & M EXPENSES	1,649,813	1,760,588	110,774
ADMINISTRATIVE & GENERAL	44,314	47,890	3,576
SERVICE FEES-CITY OF SEGUIN	259,380	285,234	25,854
ADDS. TO PLANT AND EQUIP.	238,000	266,150	28,150
<b>Total WASTEWATER SERVICES</b>	<b>2,191,508</b>	<b>2,359,862</b>	<b>168,354</b>
<b>MISCELLANEOUS INCOME:</b>			
CONNECTION FEES	138,848	255,128	116,280
INSPECTION FEES	133,100	83,110	(49,990)
MISCELLANEOUS REVENUES	3,600	23,400	19,800
<b>Total MISCELLANEOUS INCOME</b>	<b>275,548</b>	<b>361,638</b>	<b>86,090</b>
<b>TOTAL OPERATING REVENUES</b>	<b>2,467,056</b>	<b>2,721,500</b>	<b>254,444</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	50,318	51,066	748
SUPERVISION	66,461	64,150	(2,311)
LABOR	278,416	299,360	20,944
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>395,194</b>	<b>414,576</b>	<b>19,382</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	1,850	1,620	(230)
EMPLOYEE BENEFITS	199,005	210,431	11,426
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>200,855</b>	<b>212,051</b>	<b>11,196</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	25,400	27,300	1,900
BUILDING RENTAL	9,072	7,572	(1,500)
DUES AND MEMBERSHIPS	800	800	
PUBLICATIONS AND BOOKS	250	250	
SMALL TOOLS EXPENSE	2,360	1,960	(400)
TRACTORS AND EQUIPMENT	450	450	
UNIFORMS AND LAUNDRY	2,492	2,492	
BIOSOLIDS DISPOSAL COSTS	51,000	58,000	7,000
BAD DEBT EXPENSE	1,200	1,200	
TRAINING EXPENSES	7,000	7,800	800
SAFETY & EMERG. EXPENSES	5,700	4,540	(1,160)
SECURITY EXPENSE	400	300	(100)

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
POWER AND UTILITIES	166,440	188,000	21,560
AUXILLARY POWER EXPENSE	5,900	7,740	1,840
OPERATING CHEMICALS	240	590	350
CHLORINE	7,960	9,200	1,240
ALUM/FERRIC/CITRIC ACID	29,000	32,000	3,000
POLYMER	9,300	8,000	(1,300)
LAB SUPPLIES & EXPENSES	99,000	101,000	2,000
PROFESSIONAL FEES	8,032	7,340	(692)
INSPECTION/TESTING FEES	21,850	23,450	1,600
COMMUNICATIONS	7,680	7,180	(500)
OFFICE SUPPLIES & EXPENSES	1,130	1,150	20
COMPUTER SUPPLIES & SERVICE	5,280	5,880	600
BANK SERVICE FEES		1,200	1,200
ADMIN FEES-GOFORTH WATER	11,496	12,668	1,172
INSURANCE EXPENSE	38,100	40,000	1,900
MISCELLANEOUS EXPENSES	4,540	4,780	240
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>522,072</b>	<b>562,842</b>	<b>40,770</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	96,175	105,005	8,830
MATERIAL	91,650	111,190	19,540
SERVICES	233,710	200,120	(33,590)
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>421,535</b>	<b>416,315</b>	<b>(5,220)</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>1,539,656</b>	<b>1,605,784</b>	<b>66,128</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	162,152	171,462	9,310
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>162,152</b>	<b>171,462</b>	<b>9,310</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>1,701,808</b>	<b>1,777,246</b>	<b>75,438</b>
<b>NET OPERATING INCOME</b>	<b>765,248</b>	<b>944,254</b>	<b>179,006</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	2,467,056	2,721,500	254,444
OPERATING EXPENSES	(1,701,808)	(1,777,246)	(75,438)
<b>NET OPERATING INCOME</b>	<b>765,248</b>	<b>944,254</b>	<b>179,006</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON NOW ACCTS	60	60	
INTEREST ON CITY OF SEGUIN N/R	18,668	16,778	(1,890)
INT-WIMBERLEY CAP RECOVERY	4,200	2,280	(1,920)
INT ON DUNLAP I&S FUND	360	480	120
<b>Total INTEREST INCOME</b>	<b>23,288</b>	<b>19,598</b>	<b>(3,690)</b>
<b>INTEREST &amp; BANK FEES:</b>			
INT ON BANK LOAN	(97,128)	(80,376)	16,752
<b>Total INTEREST &amp; BANK FEES</b>	<b>(97,128)</b>	<b>(80,376)</b>	<b>16,752</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>(73,840)</b>	<b>(60,778)</b>	<b>13,062</b>
<b>CHANGE IN NET ASSETS</b>	<b>691,408</b>	<b>883,476</b>	<b>192,068</b>
<b>CHANGE IN RESTRICTED FUNDS</b>	<b>443,832</b>	<b>400,000</b>	<b>(43,832)</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
BANK LOAN-EMERGENCY GENERATORS	105,000		(105,000)
BANK LOANS	202,000	605,000	403,000
GENERAL LOANS	367,000		(367,000)
<b>Total DEBT CAPITAL</b>	<b>674,000</b>	<b>605,000</b>	<b>(69,000)</b>
<b>TOTAL FUNDS AVAILABLE</b>	<b>1,809,240</b>	<b>1,888,476</b>	<b>79,236</b>
<b>PURCHASES OF FIXED ASSETS</b>			
STRUCTURES & IMPROVEMENTS		50,000	50,000
AUTO & HEAVY EQUIPMENT	25,000	65,000	40,000
MISCELLANEOUS EQUIPMENT	8,200	51,500	43,300
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>33,200</b>	<b>166,500</b>	<b>133,300</b>
<b>WORK IN PROGRESS</b>			

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
WIP-OPERATING	1,093,000	1,432,900	339,900
<b>Total WORK IN PROGRESS</b>	<b>1,093,000</b>	<b>1,432,900</b>	<b>339,900</b>
<b>CHANGE IN RESTRICTED FUNDS</b>	<b>600</b>	<b>2,760</b>	<b>2,160</b>
<b>PROJECT DEVELOPMENT</b>	<b>28,458</b>	<b>20,775</b>	<b>(7,682)</b>
<b>DEBT SERVICE</b>			
LOANS PAID	592,296	132,072	(460,224)
<b>Total DEBT SERVICE</b>	<b>592,296</b>	<b>132,072</b>	<b>(460,224)</b>
<b>TOTAL FUNDS APPLIED</b>	<b>1,747,554</b>	<b>1,755,007</b>	<b>7,454</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>61,686</b>	<b>133,469</b>	<b>71,783</b>



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	22,718	19,255	(3,463)
STA- CLERICAL	27,601	31,812	4,211
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>50,318</b>	<b>51,066</b>	<b>748</b>
<b>SUPERVISION:</b>			
SUPERVISION	66,461	64,150	(2,311)
<b>Total SUPERVISION</b>	<b>66,461</b>	<b>64,150</b>	<b>(2,311)</b>
<b>OPERATING LABOR:</b>			
CLERICAL	2,912	3,241	329
REG- OPERATING LABOR	239,617	258,348	18,731
REG- MISC LABOR	815	805	(9)
REG- PURCHASING AGENT	1,027	1,059	31
REG- SAFETY & TRAINING	1,078	1,476	398
OVT- OPERATING LABOR	27,770	28,866	1,096
REG- WORKING HOLIDAY LABOR	5,196	5,566	369
<b>Total OPERATING LABOR</b>	<b>278,416</b>	<b>299,360</b>	<b>20,944</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	89,216	98,678	9,462
<b>Total M&amp;R-LABOR</b>	<b>89,216</b>	<b>98,678</b>	<b>9,462</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER	6,959	6,328	(632)
<b>Total M&amp;R-OVERTIME</b>	<b>6,959</b>	<b>6,328</b>	<b>(632)</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>96,175</b>	<b>105,005</b>	<b>8,830</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>PD-SUPERVISION &amp; LABOR:</b>			
DUNLAP AREA MASTER PLAN-SUPERV	5,924	5,438	(487)
CANYON WW MASTER PLAN-NON-GEN	10,478		(10,478)

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total PD-SUPERVISION &amp; LABOR</b>	<b>16,402</b>	<b>5,438</b>	<b>(10,964)</b>
<b>Total PROJECT DEVELOPMENT</b>	<b>16,402</b>	<b>5,438</b>	<b>(10,964)</b>
<b>TOTAL SALARIES &amp; WAGES</b>	<b>507,772</b>	<b>525,019</b>	<b>17,247</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	89,216	98,678	9,462
OVT/LBR- OTHER	6,959	6,328	(632)
<b>Total LABOR</b>	<b>96,175</b>	<b>105,005</b>	<b>8,830</b>
<b>MATERIAL:</b>			
M&R/MAT- GROUNDS	860	860	
M&R/MAT- BUILDINGS	3,660	3,660	
M&R/MAT- FILTERS	450	450	
M&R/MAT- CLARIFIERS	2,060	2,060	
M&R/MAT- DRAIN FIELD	150	150	
M&R/MAT- PUMPS & MOTORS	16,800	16,800	
M&R/MAT- CHEM FEED/SAMPLING	10,700	11,540	840
M&R/MAT- NON POTABLE WTR SYS	700	700	
M&R/MAT- TOOLS/EQUIPMENT	3,250	3,250	
M&R/MAT- LINES & VALVES	2,620	2,900	280
M&R/MAT- FLOW METERS	1,420	1,420	
M&R/MAT- LIFT STATIONS	15,000	18,100	3,100
M&R/MAT- SEWER SYSTEM	2,900	2,920	20
M&R/MAT- TRUCKS,TRAILER&EQ	1,740	1,740	
M&R/MAT- RADIO EQUIPMENT	350	350	
M&R/MAT- GENERAL MAINT	490	1,470	980
M&R/MAT- BIOSOLIDS REMOVAL	3,450	3,450	
M&R/MAT- SAFETY	1,120	1,120	
M&R/MAT- STORAGE BUILDING	200	200	
M&R/MAT- ROADS	970	970	
M&R/MAT- BIOSOLIDS SITE	2,100	2,100	
M&R/MAT- SCADA	7,000	7,000	
M&R/MAT- AUX GENERATOR	1,420	1,620	200
M&R/MAT- BLOWERS	8,220	22,240	14,020
M&R/MAT- INSTRUM/ELECTRICAL	2,700	2,700	
M&R/MAT- NON-POT WATER SYSTEM	490	490	
M&R/MAT- GEN. OFFICE BLDG	50	50	
M&R/MAT- OTHER	780	880	100
<b>Total MATERIAL</b>	<b>91,650</b>	<b>111,190</b>	<b>19,540</b>
<b>SERVICES:</b>			
M&R/SER- GROUNDS	13,300	13,300	
M&R/SER- BUILDINGS	240	8,120	7,880
M&R/SER- FILTERS	680	680	
M&R/SER- CLARIFIER	640	640	
M&R/SER- PUMPS & MOTORS	8,600	8,600	
M&R/SER- CHEM FEED/SAMPLING	4,200	8,300	4,100
M&R/SER- TOOLS/EQUIPMENT	3,200	3,200	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
M&R/SER- LINES & VALVES	6,200	6,420	220
M&R/SER- FLOW METERS	2,240	2,240	
M&R/SER- LIFT STATIONS	18,950	18,950	
M&R/SER- SEWER SYSTEM	29,000	29,000	
M&R/SER- TRUCKS,TRAILER&EQ	4,560	4,560	
M&R/SER- RADIO EQUIPMENT	370	370	
M&R/SER- GENERAL MAINT.	38,800	1,350	(37,450)
M&R/SER- BIOSOLIDS REMOVAL	73,500	60,100	(13,400)
M&R/SER- SAFETY	220	220	
M&R/SER- ROADS	2,600	2,600	
M&R/SER- BIOSOLIDS SITE	3,200	3,200	
M&R/SER- SCADA	5,300	5,300	
M&R/SER- AUX GENERATOR	7,500	10,040	2,540
M&R/SER- BLOWERS	5,860	4,040	(1,820)
M&R/SER- INSTRUM/ELECTRICAL	2,700	7,040	4,340
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	
<b>Total SERVICES</b>	<b>233,710</b>	<b>200,120</b>	<b>(33,590)</b>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>421,535</b>	<b>416,315</b>	<b>(5,220)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>PROJECT DEVELOPMENT</b>			
DUNLAP AREA MASTER PLAN-BENEFT	2,399	2,202	(197)
DUNLAP AREA MASTER PLAN-A&G	1,955	1,794	(161)
DUNLAP AREA MASTER PLAN-SUPERV	5,924	5,438	(487)
<b>Total</b>	<b>10,279</b>	<b>9,434</b>	<b>(844)</b>
CANYON WW MASTER PLAN-ENG		11,341	11,341
CANYON WW MASTER PLAN-BENEFITS	4,244		(4,244)
CANYON WW MASTER PLAN-A&G	3,458		(3,458)
CANYON WW MASTER PLAN-NON-GEN	10,478		(10,478)
<b>Total</b>	<b>18,179</b>	<b>11,341</b>	<b>(6,838)</b>
<b>TOTAL PROJECT DEVELOPMENT</b>	<b>28,458</b>	<b>20,775</b>	<b>(7,682)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>WIP - OPERATING</b>			
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	
<b>Total</b>	<b>750,000</b>	<b>750,000</b>	
CANYON PRK PLNT EXPAN-PROF FEE		300,000	300,000
CANYON PRK PLNT EXPAN-MISC		1,000	1,000
<b>Total</b>		<b>301,000</b>	<b>301,000</b>
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
<b>Total</b>		<b>132,000</b>	<b>132,000</b>
DEMOLITION OF TRAIN 1-SERVICE	10,000		(10,000)
<b>Total</b>	<b>10,000</b>		<b>(10,000)</b>
THREE EMERGENCY GENERATORS-SER	15,000		(15,000)
THREE EMERGENCY GENERATORS-MTL	80,000		(80,000)
<b>Total</b>	<b>95,000</b>		<b>(95,000)</b>
TREATMENT PLANT IMPROV- SERV	197,000	206,850	9,850
TREATMENT PLANT IMPROV- PROF	25,000	26,250	1,250
TREATMENT PLANT IMPROV- MAT'L	15,000	15,750	750
TREATMENT PLANT IMPROV- MISC	1,000	1,050	50
<b>Total</b>	<b>238,000</b>	<b>249,900</b>	<b>11,900</b>
<b>TOTAL WIP - OPERATING</b>	<b>1,093,000</b>	<b>1,432,900</b>	<b>339,900</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
RURAL UTILITIES DIVISION - WORK PLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2016 BUDGET</b>
<b>STRUCTURES &amp; IMPROVEMENTS</b>	
IMPROVEMENTS TO LIFT STATION	50,000
<b>Total STRUCTURES &amp; IMPROVEMENTS</b>	<b>50,000</b>
 <b>AUTO &amp; HEAVY EQUIPMENT</b>	
1/4 COST OF REPLACEMENT TRUCK	7,500
1/4 COST OF SKID STEER	8,750
1/4 COST OF BOBCAT	8,750
1/4 COST OF REPLACEMENT TRUCK	7,500
1/4 COST OF REPLACEMENT TRUCK	7,500
1/4 COST OF SKID STEER	8,750
1/4 COST OF REPLACEMENT TRUCK	7,500
1/4 COST OF SKID STEER	8,750
<b>Total AUTO &amp; HEAVY EQUIPMENT</b>	<b>65,000</b>
 <b>MISCELLANEOUS EQUIPMENT</b>	
EMERGENCY GENERATOR	27,500
CHLORINATOR FOR RAS	3,000
SUBMERSIBLE PUMP (SOUTH BANK)	5,000
UV CONTROLLER	16,000
<b>Total MISCELLANEOUS EQUIPMENT</b>	<b>51,500</b>
 <b>TOTAL CAPITAL ADDITIONS</b>	<b>166,500</b>



# 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	• Service Area:	Guadalupe River Basin
• Location:	Canyon Lake, TX	• # of Current Employees:	24
• Startup Operation Date:	1964	• Budgeted Revenue:	\$23,443,594





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	• # of Current Employees:	8
• Location:	Sequin, TX	• Budgeted Revenue:	\$890,000
• Startup Operation Date:	1974		



## *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.

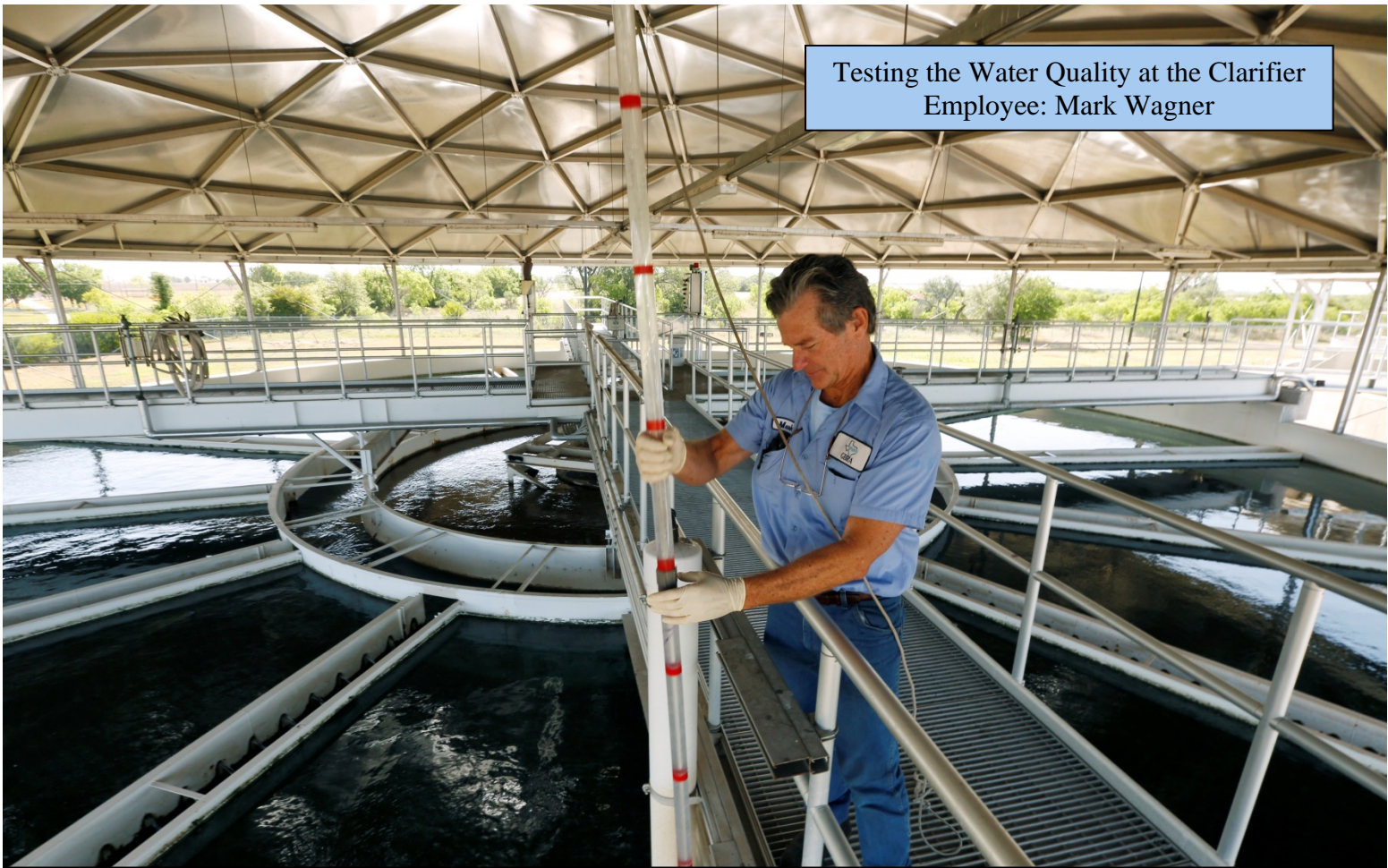
As part of the Water Supply System operation, ongoing maintenance to the Lower Guadalupe Diversion Dam and Salt Water Barrier near Tivoli provides efficient diversion and protects the area water supply from salt water contamination. Clearing log jams from the lower reaches of the Guadalupe River provides 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.

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• Service Provided:	Water supply	• Rice acres irrigated:	800
• Location:	Calhoun County, TX	• # of Current Employees:	7
• Startup Operation Date:	1962	• Budgeted Revenue:	\$1,310,876





Testing the Water Quality at the Clarifier  
Employee: Mark Wagner

# *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.

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• Service Provided:	Water treatment	• Plant Capacity:	21 mgd
• Location:	San Marcos, TX	• # of Gallons Treated:	3,522,481,000
• Startup Operation Date:	January 2000	• # of Current Employees:	7
• Service Area:	Hays County, TX	• Budgeted Revenue:	\$2,139,012





## *Buda WWTP*

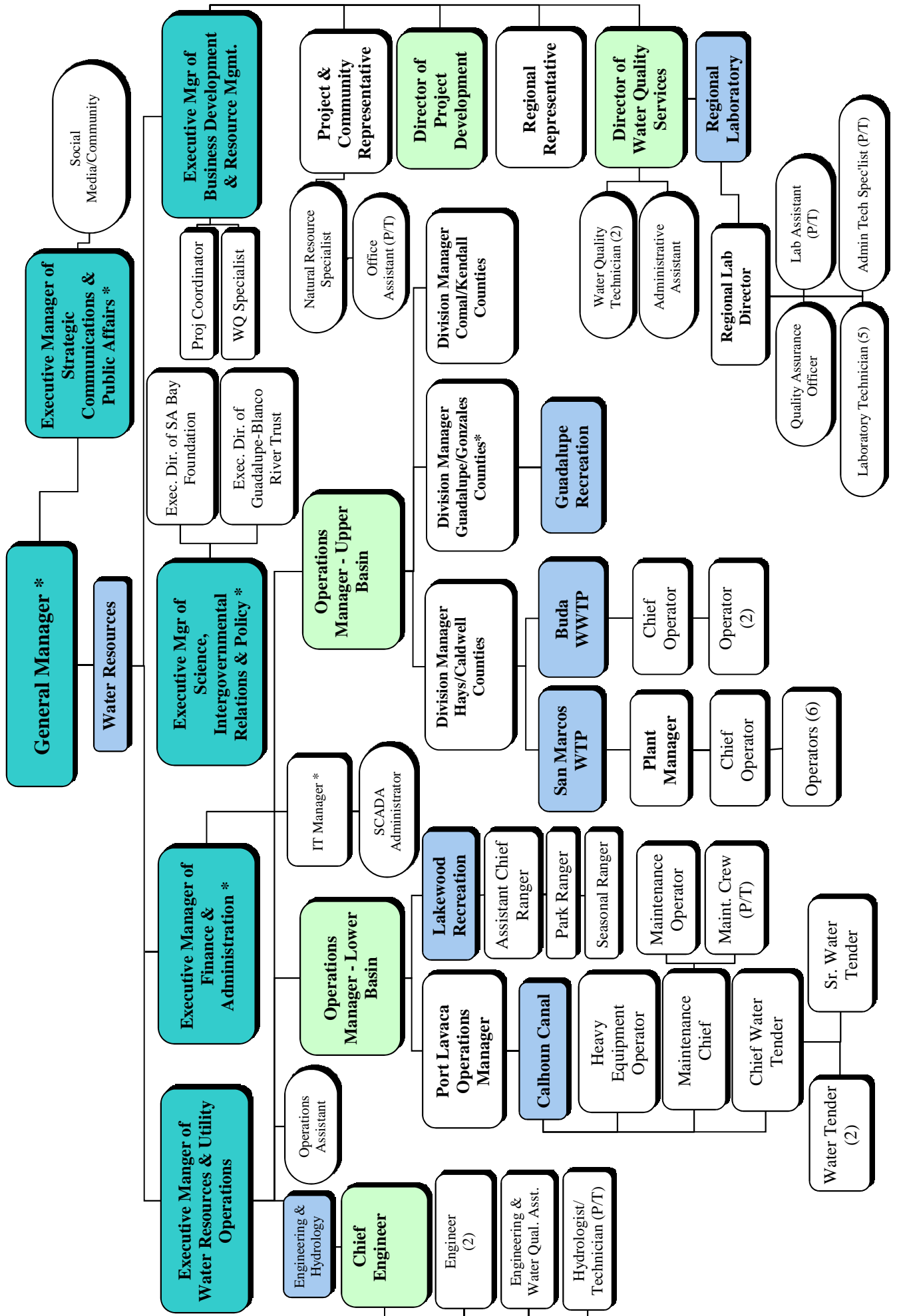
This plant operates and manages 1,500,000 gallons per day (gpd) under contract with the City of Buda. GBRA assumed operations of the Buda WWTP in October 2001 after the plant expansion in July 2001. Located in the environmentally sensitive Onion Creek watershed, the plant is operated as a "complete mix, 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.

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• Service Provided:	Wastewater treatment	• Capacity:	1.5 MGD
• Location:	Buda, TX	• # of Current Employees:	2
• Startup Operation Date:	1985	• Budgeted Revenue:	\$608,378
• Customer:	City of Buda		

# Guadalupe-Blanco River Authority

## Water Resources Division Organizational Chart



\* GBRA employee from another Division



### Staffing Summary

Water Resources	# of Authorized Positions (FTE)		
	2014	2015	2016
<b><u>Water Supply</u></b>			
Executive Mgr. of Water Resources & Utility Oper.	1	1	1
Executive Mgr. of Business Dev. & Resource Mgmt.	1	1	1
Operations Manager - Lower Basin	1	1	1
Operations Manager - Upper Basin	1	1	1
Chief Engineer	1	1	1
Director of Project Development	1	1	1
Director of Water Quality Services	1	1	1
Divison Manager - Comal/Kendall Counties	1	1	1
Divison 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
Engineer	2	2	2
Project & Community Representative	1	1	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
Water Quality Technician	1	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
Administrative Services Assistant	0.5	0.5	0.5
Seasonal Ranger	---	0.5	0.5
Project Coordinator	---	1	1
Water Specialist	---	0.5	0.5
Social Media/Community Relations Specialist	---	---	1
<b>Total Water Supply</b>	<b>24</b>	<b>27</b>	<b>28</b>
<b><u>Regional Laboratory</u></b>			
Regional Lab Director	1	1	1
Quality Assurance Officer	1	1	1
Laboratory Analyst	1	1	---
Laboratory Technician	4	4	5
P/T Lab Assistant	0.5	---	0.5
P/T Administrative Technical Specialist	0.5	0.5	0.5
<b>Total Regional Laboratory</b>	<b>8</b>	<b>7.5</b>	<b>8</b>
<b>SUBTOTAL</b>	<b>32</b>	<b>34.5</b>	<b>36</b>



### Staffing Summary

Water Resources - Cont.	# of Authorized Positions (FTE)		
	2014	2015	2016
<b>SUBTOTAL</b>	<b>32</b>	<b>34.5</b>	<b>36</b>
<b><u>Calhoun Canal</u></b>			
Port Lavaca Operations Manager	1	1	1
Chief Water Tender	1	1	1
Heavy Equipment Operator	1	1	1
Senior Water Tender	1	1	1
Water Tender	2	2	2
Maintenance Chief	1	1	1
Maintenance Operator	1	1	1
Maintenance Crew	0.5	0.5	0.5
<b>Total Calhoun Canal</b>	<b>8.5</b>	<b>8.5</b>	<b>8.5</b>
<b><u>San Marcos WTP</u></b>			
Plant Manager	1	1	1
Chief Operator	1	1	1
Operator	6	6	6
<b>Total San Marcos</b>	<b>8</b>	<b>8</b>	<b>8</b>
<b><u>Buda WWTP</u></b>			
Chief Operator	1	1	1
Operator	2	2	2
<b>Total Buda WWTP</b>	<b>3</b>	<b>3</b>	<b>3</b>
<b>TOTAL</b>	<b>51.5</b>	<b>54</b>	<b>55.5</b>

#### Changes from FY 2014 to FY 2015

1-Water Quality Technician position was added to Water Sales.

1-Project Coordinator position was added to Water Sales.

1-P/T Seasonal Ranger position was added to Water Sales.

1-P/T Water Quality Specialist was added to Water Sales.

1-P/T Lab Assistant position was removed from the Regional Lab.

\* Administrative Services Assistant changed to Office Assistant in Water Sales

\* Administrative Assistant changed to Administrative Technical Specialist in Regional Lab

Unfunded Positions in FY15: 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 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.

## **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.

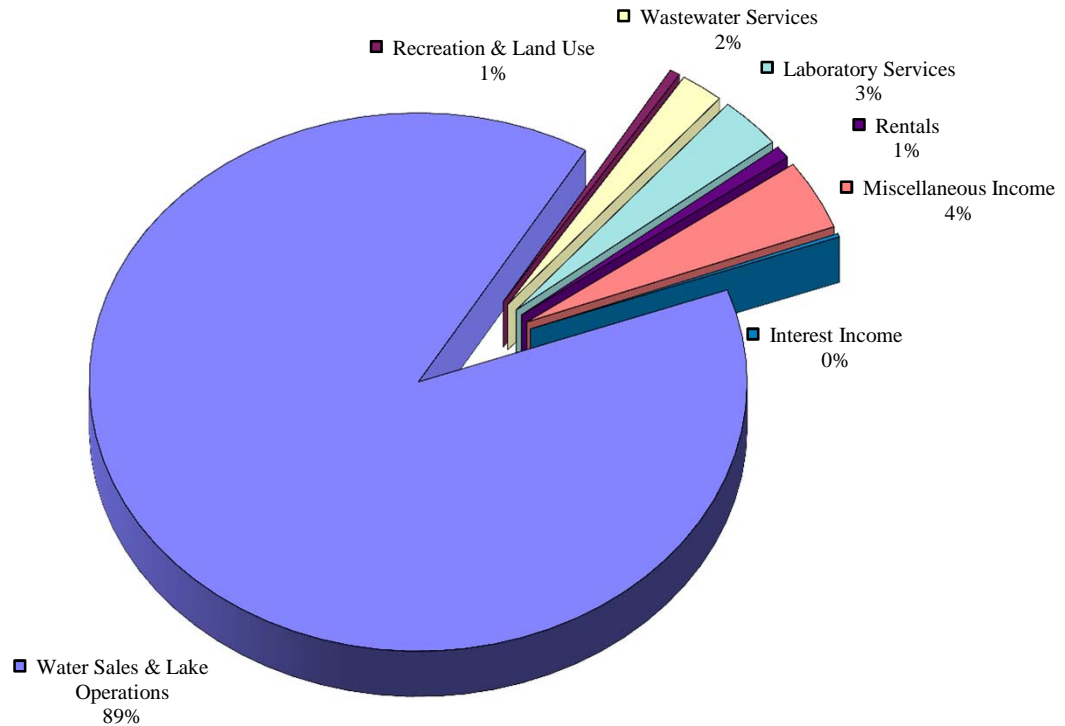


## Fiscal Year 2016 Budget

*flowing solutions*

### Budget Summary

#### REVENUES - Water Resources

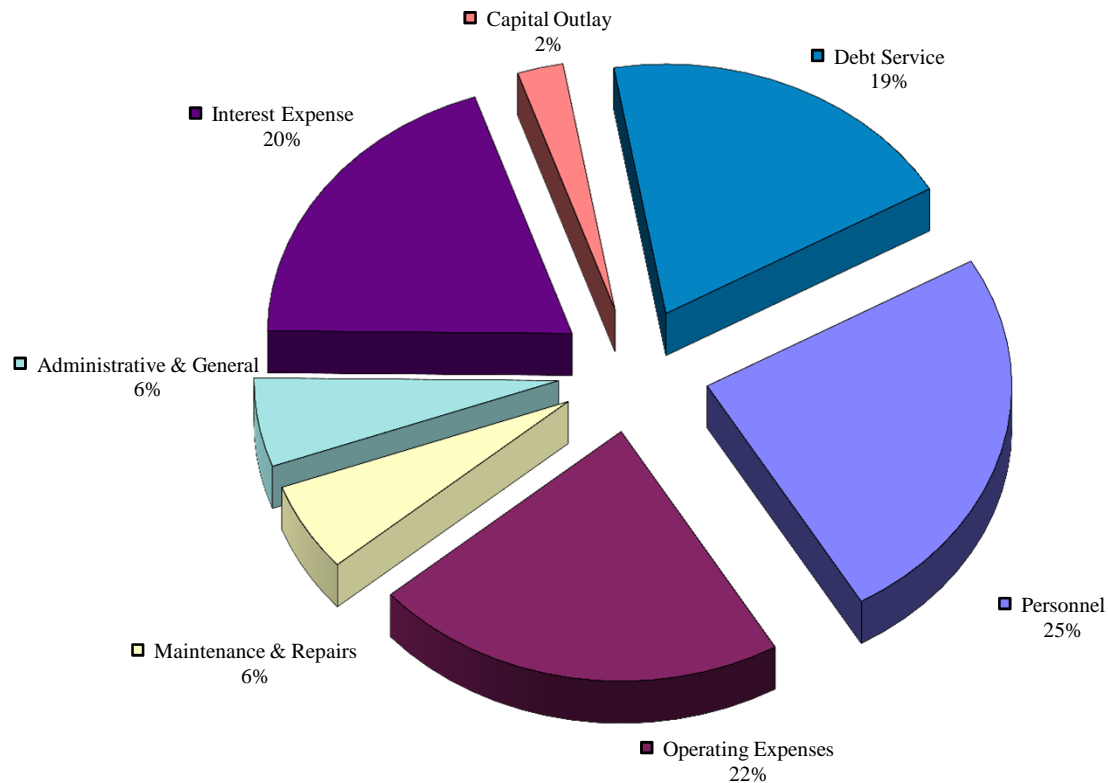


Revenues	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	24,529,622	24,732,228	25,347,308
Recreation & Land Use	152,747	141,300	145,309
Wastewater Services	598,135	575,083	608,378
Laboratory Services	842,643	870,000	890,000
Rentals	262,453	258,804	216,864
Administrative & General			
Miscellaneous Income	793,746	784,635	1,196,385
<b>Total Operating Revenue</b>	<b>27,179,346</b>	<b>27,362,050</b>	<b>28,404,243</b>
Interest Income	83,581	87,840	60,060
<b>Grand Total Revenues</b>	<b>27,262,927</b>	<b>27,449,890</b>	<b>28,464,303</b>



## Budget Summary

### EXPENSES - Water Resources



Expenses	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Personnel	5,031,659	5,492,588	5,903,340
Operating Expenses	7,836,527	5,928,394	5,238,407
Maintenance & Repairs	972,838	1,369,300	1,363,050
Administrative & General	1,153,528	1,269,170	1,362,252
<b>Total Operating Expenses</b>	<b>14,994,552</b>	<b>14,059,452</b>	<b>13,867,049</b>
Interest Expense	4,353,815	4,792,729	4,660,604
Capital Outlay	81,820	436,000	578,643
Debt Service	5,742,713	4,513,449	4,599,217
<b>Grand Total Expenses</b>	<b>25,172,899</b>	<b>23,801,630</b>	<b>23,705,513</b>

# **Water Resources Division**

## **Water Sales System**

### **Operating Plan for Fiscal Year Ending 8/31/16**

#### **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 2016 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 \$135.00 per acre-foot per year for FY 2016. This is a \$5.00 or 3.8% increase over the FY 2015 rate. Total water sales revenues excluding "water delivery and pipeline operations" for FY 2016 are projected at \$12.81 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 2016 is estimated at \$4,920,082. 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 2016 will be reimbursement of debt service payments from customers of GBRA's Western Canyon Project. This revenue is estimated to total \$5,322,716 during FY 2016.

## **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 \$536,000.

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 2016, operating costs expended for professional fees is budgeted at \$692,550.

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 2016 is \$95,500.

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 2016, these costs are budgeted at \$360,000, which is the same as 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 \$93,920 in FY 2016.

The Work Plan also includes three small construction projects in FY 2016 related to work on the Calhoun County Siphon Gates and Lake H5 Recreation facilities. In the aggregate, these construction projects total \$161,419. Additionally, capital additions for FY 2016 total \$457,643 with the majority of this amount relating to mobile wastewater dewatering equipment that can be used at several of GBRA's wastewater facilities.

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 \$8.4 million in FY 2016.

## **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 and a \$405,000 bank loan to cover the cost of the mobile wastewater equipment and associated truck described above.

The net increase in fund balance that GBRA anticipates in the Water Sales System of the Water Resource Division after paying all FY 2016 budgeted expenditures is \$20,680.

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WATER SALES &amp; LAKE OPERATIONS:</b>			
W/S AEP TX CENTRAL CO	777,500	807,500	30,000
W/S INEOS NITRILES GREEN LAKE	142,542	148,042	5,500
W/S PORT LAVACA WTP	77,750	80,750	3,000
W/S C.C. RURAL WATER SUPPLY	9,460	9,825	365
W/S CITY OF SEGUIN	129,583	134,583	5,000
W/S GONZALES COUNTY WSC	45,354	47,104	1,750
W/S SPRINGS HILL WSC	369,313	383,563	14,250
W/S REBECCA CREEK MUD	16,846	17,496	650
W/S CRWA-HAYS CO,SAN MARC	264,091	274,281	10,190
W/S SEADRIFT COKE	43,281	44,951	1,670
W/S UNION CARBIDE	12,958	13,458	500
W/S STANDARD GYPSUM	33,433	34,723	1,290
W/S STRUCTURAL METALS	90,708	94,208	3,500
W/S NEW BRAUNFELS UTIL.	1,259,550	1,308,150	48,600
W/S CRYSTAL CLEAR WSC	103,667	107,667	4,000
W/S GOLF CLUB OF SEGUIN	3,240	3,365	125
W/S CANYON REGIONAL W.A.	1,553,768	1,608,578	54,811
W/S CANYON LAKE W.S.C.	829,333	861,333	32,000
W/S CITY OF SAN MARCOS	1,295,833	1,345,833	50,000
W/S GUADALUPE POWER,L.P.	886,350	920,550	34,200
W/S CITY OF KYLE	705,322	732,537	27,215
W/S GREEN VALLEY SUD	129,583	134,583	5,000
W/S HAYS ENERGY LTD PTSP	319,293	331,613	12,320
W/S CITY OF FAIR OAKS	239,729	248,979	9,250
W/S SAN ANTONIO WTR. SYS.	918,595	950,084	31,489
W/S CITY OF BOERNE	467,925	485,980	18,055
W/S GBRA - COMAL TRACE	6,479	6,729	250
W/S SAN JOSE-PARK VILLAGE	41,726	43,336	1,610
W/S JACQUELYN COUSER	12,958	13,458	500
W/S BREMER RANCH, LTD	12,958	13,458	500
W/S CITY OF BLANCO	77,750	80,750	3,000
W/S FORESIGHT	37,579	39,029	1,450
W/S CORDILLERA RANCH, LTD.	194,375	201,875	7,500
W/S KENDALL CUC/TAPATIO SPRGS	97,188	100,938	3,750
W/S CITY OF BUDA	217,700	226,100	8,400
W/S D.H.INV-JOHNSON RANCH	116,625	121,125	4,500
W/S GOFORTH WSC	176,622	192,993	16,370
W/S H H RANCH PROPERTIES	32,396	33,646	1,250
W/S SUNFIELD	365,684	370,373	4,689
W/S MONARCH UTILITIES, LP	72,567	75,367	2,800
W/S LERIN DEVELOPMENT CO. INC	97,188	100,938	3,750
O&M RRWDS PIPELINE TRANSM.	842,067	916,499	74,432

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
O&M GPP PIPELINE TRANSM.	475,433	478,234	2,801
O&M IH35 P/L TRNSM-KYLE	172,054	203,940	31,886
O&M IH35 P/L TRNSM-GOFORTH	47,268	67,232	19,964
O&M-IH35 TWDS-BUDA	47,268	56,028	8,760
O&M IH35 P/L TRNSM-MONARCH	42,540	50,424	7,884
W/S OTHER SMALL SALES	53,243	55,156	1,913
DEBT SERV REQ-INTEREST	165,295	166,066	771
DEBT SERV REQ-RRWDS PIPELINE	1,652,948	1,660,660	7,712
DEBT SERV REQ-WESTERN CANYON	5,320,693	5,322,716	2,023
DEBT SERV REQ-IH35	1,317,696	1,320,999	3,303
<b>Total WATER SALES &amp; LAKE OPERATIONS</b>	<b>22,421,306</b>	<b>23,047,805</b>	<b>626,499</b>
<b>RECREATION &amp; LAND USE:</b>			
G. V. RECREATION REVENUE	28,000	28,000	
LAKEWOOD REC. REVENUE	113,300	117,309	4,009
<b>Total RECREATION &amp; LAND USE</b>	<b>141,300</b>	<b>145,309</b>	<b>4,009</b>
<b>RENTALS:</b>			
LAKEWOOD RENTAL INCOME	21,960	18,560	(3,400)
OFFICE EXPAN. BLDG RENTAL	230,460	191,920	(38,540)
<b>Total RENTALS</b>	<b>252,420</b>	<b>210,480</b>	<b>(41,940)</b>
<b>MISCELLANEOUS INCOME:</b>			
MISCELLANEOUS REVENUES	40,000	40,000	
<b>Total MISCELLANEOUS INCOME</b>	<b>40,000</b>	<b>40,000</b>	
<b>TOTAL OPERATING REVENUES</b>	<b>22,855,026</b>	<b>23,443,594</b>	<b>588,568</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	1,055,524	1,147,595	92,072
SUPERVISION	854,022	1,032,878	178,856
LABOR	456,630	355,894	(100,736)
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>2,366,176</b>	<b>2,536,367</b>	<b>170,192</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	55,300	59,750	4,450
TRAVEL - WATER QUALITY	1,500	3,000	1,500
TRAVEL EXP - NWRA	12,000	15,000	3,000

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
TRAVEL EXP - TWCA	11,000	15,000	4,000
EMPLOYEE BENEFITS	1,081,229	1,154,680	73,451
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>1,161,029</b>	<b>1,247,430</b>	<b>86,401</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	6,800	9,000	2,200
AUTO OPERATING EXPENSES	5,000	1,000	(4,000)
OFFICE RENTAL & EXPENSES	25,000	25,000	
SAN ANTONIO BAY FOUNDATION EXP	75,000	75,000	
GUADALUPE RIVER FOUNDATION EXP	3,000	5,000	2,000
ECONOMIC DEVELOPMENT	60,000	70,000	10,000
GBR TRUST EXPENSE	74,000	74,000	
PUBLIC INFORMATION	3,000	3,000	
GOVERNMENT RELATIONS	20,000	5,000	(15,000)
CHAMBER OF COMMERCE	35,000	35,000	
PC-MEDIA EXPENSES	3,000	3,000	
PC-ED/CONSV PROJ.MATERIAL	40,000	30,000	(10,000)
PC-COMMUNITY REL/SPONSORS	15,000	15,000	
PC-SPECIAL PROJECTS	20,000	20,000	
PC-RIVER RUN MAGAZINE	20,000	20,000	
PC-PECAN FEST	7,500	7,500	
DUES AND MEMBERSHIPS	13,000	18,000	5,000
PUBLICATIONS AND BOOKS	2,000	1,500	(500)
SMALL TOOLS EXPENSE	250	250	
UNIFORMS AND LAUNDRY	500	500	
PROCESS/CORPS CANYON	210,000	210,000	
GAUGING/MONITORING	156,000	165,000	9,000
TRAINING EXPENSES	29,000	29,000	
SAFETY & EMERG. EXPENSES	500	500	
SECURITY EXPENSE	7,500	5,000	(2,500)
POWER AND UTILITIES	14,040	15,000	960
POWER/UTIL-RRWDS PUMP STATION	450,000	530,000	80,000
POWER/UTIL-GPP PIPELINE	155,000	151,500	(3,500)
POWER/UTIL-IH35 PIPELINE	165,000	220,000	55,000
LAB SUPPLIES & EXPENSES	20,000	30,000	10,000
PROFESSIONAL FEES	432,115	443,250	11,135
PROF. FEES-LEGIS. ADVOC.	138,000	135,300	(2,700)
PROF.FEES-PUBLIC COMMUNICATION	114,000	114,000	
REGIONAL RWDS PROJECT EXPS.	55,500	49,490	(6,010)
MISC. PROJECT DEVELOPMENT	20,000	20,000	
MOBILE PRESS EXPS.		2,400	2,400
IH35 PIPELINE EXPS.	15,000	25,800	10,800
GPP PIPELINE EXPS.	18,300	18,900	600
G. V. RECREATION EXPS.	14,500	15,000	500

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
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**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
LAKEWOOD RECREATION EXPS.	74,876	79,115	4,239
COMAL CO. ALERT EXPS.	4,000	3,000	(1,000)
KENDALL CO. ALERT EXPS.	4,000	3,000	(1,000)
KERR CO. ALERT SYS. EXPS.	4,000	3,000	(1,000)
SB. 818 ASSESSMENT	41,000	41,000	
WATERMASTER PAYMENT	135,000	120,000	(15,000)
COMMUNICATIONS	22,500	21,500	(1,000)
OFFICE SUPPLIES & EXPENSES	17,500	18,500	1,000
COMPUTER SUPPLIES & SERVICE	12,050	13,250	1,200
REPRODUCTION/DUPLICATING	17,500	17,000	(500)
BANK SERVICE FEES	10,000	10,500	500
INSURANCE EXPENSE	107,100	107,100	
MISCELLANEOUS EXPENSES	7,500	10,000	2,500
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>2,899,531</b>	<b>3,044,855</b>	<b>145,324</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	303,526	314,695	11,169
MATERIAL	178,180	182,020	3,840
SERVICES	752,180	753,358	1,178
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>1,233,886</b>	<b>1,250,073</b>	<b>16,187</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>7,660,622</b>	<b>8,078,725</b>	<b>418,103</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	881,001	940,850	59,849
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>881,001</b>	<b>940,850</b>	<b>59,849</b>
<b>PROJECT WRITE OFFS TO OPR EXP</b>	<b>1,053,231</b>		<b>(1,053,231)</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>9,594,855</b>	<b>9,019,576</b>	<b>(575,279)</b>
<b>NET OPERATING INCOME</b>	<b>13,260,171</b>	<b>14,424,018</b>	<b>1,163,846</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	22,855,026	23,443,594	588,568
OPERATING EXPENSES	(9,594,855)	(9,019,576)	575,279
<b>NET OPERATING INCOME</b>	<b>13,260,171</b>	<b>14,424,018</b>	<b>1,163,846</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON OPERATING FUNDS	42,000	31,200	(10,800)
INT ON NOW ACCTS	780	600	(180)
INT: I&S FUND,SAN MARCOS BOND	600	300	(300)
INT: I&S FUND,OFFICE EXP BOND	300	120	(180)
INT: I&S FUND,WEST CANYON BOND	1,200	1,200	
INT: I&S FUND,IH 35 BONDS	300	240	(60)
INT: RESERVE FUND,IH35 BONDS	14,400	6,000	(8,400)
INT: W.CANYON RATE STABILIZ.	21,600	12,000	(9,600)
INT: MID-BASIN RESERVE (WIF)	360	480	120
INT: MID-BASIN I&S	48	48	
<b>Total INTEREST INCOME</b>	<b>81,588</b>	<b>52,188</b>	<b>(29,400)</b>
<b>CAPITAL CONTRIBUTIONS:</b>			
GOVERNMENT GRANTS & STATE FUND	450,000	3,786,000	3,336,000
CLEAN RIVERS PROGRAM FUNDS	135,378	135,378	
ENVIRONMENTAL PROGRAM FUNDS	477,648	477,648	
CONTRIBUTED BY OTHER FUNDS	(191,000)	(197,200)	(6,200)
<b>Total CAPITAL CONTRIBUTIONS</b>	<b>872,026</b>	<b>4,201,826</b>	<b>3,329,800</b>
<b>INTEREST &amp; BANK FEES:</b>			
INTEREST ON CANYON LOAN	(79,212)	(73,476)	5,736
INT- 2011 REFUNDING BONDS	(346,285)	(332,135)	14,150
INT - REGIONAL RWDS BONDS 1998	(144,168)	(135,264)	8,904
INT- REG RWDS EXPAN-2007 BONDS	(798,780)	(783,732)	15,048
INT ON WTR RIGHTS LOAN	(32,040)	(30,732)	1,308
INT ON OFFICE EXPAN LOANS	(8,076)	(1,672)	6,404
INT ON MID BASIN PROJECT BONDS	(37,608)	(37,608)	
INT ON WSTRN CANYON BONDS	(2,694,909)	(2,625,499)	69,410
INT ON IH 35 BONDS	(651,651)	(640,486)	11,165
<b>Total INTEREST &amp; BANK FEES</b>	<b>(4,792,729)</b>	<b>(4,660,604)</b>	<b>132,125</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>(3,839,115)</b>	<b>(406,590)</b>	<b>3,432,525</b>
<b>CHANGE IN NET ASSETS</b>	<b>9,421,056</b>	<b>14,017,428</b>	<b>4,596,371</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
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**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>CHANGE IN RESTRICTED FUNDS</b>	<b>206,000</b>	<b>265,000</b>	<b>59,000</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
BANK LOAN-NEW EQUIP	240,000	405,000	165,000
<b>Total DEBT CAPITAL</b>	<b>240,000</b>	<b>405,000</b>	<b>165,000</b>
<b>TOTAL FUNDS AVAILABLE</b>	<b>9,867,056</b>	<b>14,687,428</b>	<b>4,820,371</b>
<b>PURCHASES OF FIXED ASSETS</b>			
AUTO & HEAVY EQUIPMENT	267,000	50,000	(217,000)
OFFICE FURN & EQUIPMENT	3,000	33,143	30,143
MISCELLANEOUS EQUIPMENT		374,500	374,500
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>270,000</b>	<b>457,643</b>	<b>187,643</b>
<b>WORK IN PROGRESS</b>			
WIP-OPERATING	90,995	211,419	120,423
<b>Total WORK IN PROGRESS</b>	<b>90,995</b>	<b>211,419</b>	<b>120,423</b>
<b>CHANGE IN RESTRICTED FUNDS</b>	<b>1,011,781</b>	<b>996,158</b>	<b>(15,623)</b>
<b>PROJECT DEVELOPMENT</b>	<b>3,984,165</b>	<b>8,402,311</b>	<b>4,418,147</b>
<b>DEBT SERVICE</b>			
BONDS PAID	4,095,009	4,227,077	132,068
LOANS PAID	418,440	372,140	(46,300)
<b>Total DEBT SERVICE</b>	<b>4,513,449</b>	<b>4,599,217</b>	<b>85,768</b>
<b>TOTAL FUNDS APPLIED</b>	<b>9,870,390</b>	<b>14,666,748</b>	<b>4,796,359</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>(3,333)</b>	<b>20,680</b>	<b>24,013</b>



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	664,564	754,807	90,243
STA- CLERICAL	95,522	97,127	1,605
STA/SUP- NWRA	19,238	19,815	577
STA/SUP- TWCA	19,238	19,815	577
STA/CLR- RRWDS PIPELINE	1,458		(1,458)
STA/SUP- GPP PIPELINE	486		(486)
STA/CLR- GV RECREATION	3,750	4,056	306
STA/SUP- IH35 PIPELINE	480	384	(96)
STA/SUP- GBR TRUST	10,677	6,745	(3,932)
STA/CLR- GBR TRUST	1,830	2,013	183
STA/SUP-SA BAY FOUNDATION	4,289	1,236	(3,053)
STA/CLR-SA BAY FOUNDATION	4,165	4,971	806
STA/SUP-GUAD RIVER FOUNDATION	13,565	15,372	1,807
STA/CLR-GUAD RIVER FOUNDATION	1,781	2,037	256
STA/CLR- PUBLIC INFORM	102,641	107,294	4,652
STA/SUP- PUBLIC INFORM	108,215	108,979	763
OVT- STAFF PUBLIC INFORM	3,624	2,946	(678)
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>1,055,524</b>	<b>1,147,595</b>	<b>92,072</b>
<b>SUPERVISION:</b>			
SUPERVISION	596,675	771,859	175,184
SUP- WATER QUALITY	48,932	38,618	(10,314)
SUP- RRWDS PIPELINE	4,062	4,210	148
SUP- GPP PIPELINE	5,301	5,485	184
SUP- GV RECREATION	4,493	4,654	162
SUP- SAFETY & TRAINING	11,450	11,575	125
SUP- IH35 PIPELINE	686	714	27
SUP- GBR TRUST	78,005	84,624	6,619
SUP-SA BAY FOUNDATION	104,418	111,138	6,721
<b>Total SUPERVISION</b>	<b>854,022</b>	<b>1,032,878</b>	<b>178,856</b>
<b>OPERATING LABOR:</b>			
CLERICAL	208,183	123,270	(84,912)
REG- OPERATING LABOR	62,259	52,026	(10,232)
REG- WATER QUALITY LABOR	11,023	10,061	(963)
REG- RRWDS PIPELINE LABOR	30,113	32,156	2,043
REG- GPP PIPELINE LABOR	13,340	13,890	549
REG- LAKEWOOD REC LABOR	55,251	52,130	(3,122)
REG- SAFETY & TRAINING	2,149	1,153	(996)
REG- IH35 PIPELINE LABOR	36,973	39,880	2,907
REG-SA BAY FOUNDATION	9,848	4,187	(5,661)

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OVT- OPERATING LABOR	6,409	6,121	(289)
OVT- RRWDS PIPELINE	1,481	1,535	54
OVT- GPP PIPELINE	1,481	1,535	54
OVT- LAKEWOOD REC	9,297	9,656	359
REG- WORKING HOL RRWDS PIPELIN	2,204	1,857	(347)
REG- WORKING HOL GPP PIPELINE	1,776	1,857	81
REG- WORKING HOL LAKEWOOD REC	4,415	4,580	165
REG- WORKING HOL IH35 PIPELINE	428		(428)
<b>Total OPERATING LABOR</b>	<b>456,630</b>	<b>355,894</b>	<b>(100,736)</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- RRWDS PIPELINE	61,190	63,397	2,208
REG/LBR- GPP PIPELINE	31,505	32,643	1,138
REG/LBR- G.V. RECREATION	26,725	27,557	832
REG/LBR- LAKEWOOD REC.	48,740	50,323	1,583
REG/LBR- IH35 PIPELINE	9,675	10,201	525
REG/LBR- COMAL CO.RAIN TELEMET	13,939	14,492	554
REG/LBR- KENDAL CO.RAIN TELEMET	13,939	14,492	554
REG/LBR- KERR CO RAIN TELEMETR	13,939	14,492	554
REG/LBR- GUAD.CO.RAIN TELEMETR	13,939	14,492	554
REG/LBR- OTHER	49,785	52,235	2,450
<b>Total M&amp;R-LABOR</b>	<b>283,375</b>	<b>294,326</b>	<b>10,951</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- RRWDS PIPELINE	4,785	4,961	176
OVT/LBR- GPP PIPELINE	3,559	3,692	133
OVT/LBR- G.V. RECREATION	3,903	4,027	124
OVT/LBR- OTHER	7,904	7,689	(215)
<b>Total M&amp;R-OVERTIME</b>	<b>20,152</b>	<b>20,369</b>	<b>218</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>303,526</b>	<b>314,695</b>	<b>11,169</b>
<b>WORK IN PROGRESS</b>			
<b>WIP-SUPERVISION:</b>			
H5 LOT RESTORATION-SUPERV	12,077	15,268	3,192

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total WIP-SUPERVISION</b>	<b>12,077</b>	<b>15,268</b>	<b>3,192</b>
<b>Total WORK IN PROGRESS</b>	<b>12,077</b>	<b>15,268</b>	<b>3,192</b>
<b>PROJECT DEVELOPMENT</b>			
<b>PD-STAFF:</b>			
ENVIRONMENTAL LCUB-STAFF	21,660	19,978	(1,681)
319 RIVER NETWORK-STAFF	436	604	169
LOWER BASIN LITIGATION-STAFF	19,427	6,576	(12,851)
OUTDOOR LEARNING CNTR-STAFF		1,737	1,737
CRP QUALITY ASSURANCE-STAFF		1,413	1,413
CRP PUBLIC PARTICIPATION-STAFF	520	5,385	4,865
WATER ENERGY NEXUS PRJ-STAFF	23,694	63,374	39,680
LOWER BASIN PERMIT AMEND-STAFF	1,562	2,528	966
LOWER BASIN PROJ ADM-STAFF		31,200	31,200
CANYON GORGE PROJECT-STAFF	6,316	7,276	960
4S RANCH-STAFF	4,375		(4,375)
PARK VILLAGE-STAFF	4,375		(4,375)
UB LK MGMT&AQUATIC CNTL-STAFF		1,560	1,560
PLUM CREEK OUTREACH-STAFF	1,069	2,224	1,155
PLUM CREEK MONITORING-STAFF	639	1,339	701
FM 110 P/L RELOC-REIMB-STAFF		119,935	119,935
FM 110 P/L -NONREIMB-STAFF		15,600	15,600
FM-183 UTLY RELOCATE-STAFF		15,600	15,600
FM-725 UTLY RELOCATE-STAFF		15,600	15,600
MID-BASIN PROJECT-STA	2,140	25,928	23,788
GERONIMO CREEK WPP-STAFF	2,561	8,788	6,227
<b>Total PD-STAFF</b>	<b>88,773</b>	<b>346,645</b>	<b>257,872</b>
<b>PD-SUPERVISION &amp; LABOR:</b>			
GBRA UNIVERSITY-NON GENERAL EM	3,090		(3,090)
ENVIRONMENTAL LCUB-NON GE	5,384	864	(4,520)
SB2 IN-STREAM FLOW-NON-GENERAL	7,942	5,210	(2,732)
LOWER BASIN LITIGAT-NON GEN	7,341	1,680	(5,661)
LOWER BASIN HERITAGE-NON-GENER	13,248		(13,248)
PC WATERSHED COORDINAT-NON GEN	5,764	10,603	4,839
PC GC ISOTOPE STUDY-NON GEN	5,764	10,603	4,839
REAL HOG FARM PROJ-NON GEN EMP	12,534	22,511	9,977
CRP PROJECT ADMIN-NON GEN EMPL	360	662	302
CRP QUALITY ASSURANCE-NON GEN	3,084	13,591	10,507
CRP MONITORING-NON GEN EMPL	8,534	16,660	8,127
CRP INFO CLEARINGHOUSE-NON GEN	1,222	1,974	752

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
CRP ISSUES & CAUSES-NON GEN EM	360	662	302
CRP PUBLIC PARTICIPATION-NON G	995	1,648	653
BULVERDE AREA WW-NON GEN EMP	9,107		(9,107)
LAKE MGMT ENHANCEMENT-NON-GENE	3,183	3,279	96
LAKE MGMT GOAT PROJECT-NON GEN	11,855	21,696	9,842
LB LK MGMT&AQUATIC CNTL-NON-GE	1,373	1,414	41
MISC PROJ DEV-NON GEN EMPL	19,341		(19,341)
GUAD/HAYS/CALD WW CCNS-NON-GEN	2,056	2,879	823
WATER ENERGY NEXUS PRJ-NON-GEN	41,340	35,603	(5,736)
MID-BASIN HDR-NON-GEN	1,389	745	(643)
MID-BASIN GRANT STDY-NON-GEN	33,420		(33,420)
SUNFIELD-NON GENERAL EMPLOYEE	3,183		(3,183)
LOWER BASIN PERM AM.-NON GEN E	10,604	10,921	318
LOWER BASIN PROJ AD-NON GEN EM		10,400	10,400
JOHNSON RCH WWTP RGLZ-NON GEN	17,970		(17,970)
WATER SUPPLY ALTERNATIVE-NON-G	9,788	6,721	(3,067)
4S RANCH-NON-GENERAL	2,056		(2,056)
PARK VILLAGE-NON-GENERAL	2,056		(2,056)
WATER & WW INV-NON GEN EMPL	6,525	7,225	700
UB LK MGMT&AQUATIC CNTL-NONGEN	11,506	11,795	289
PLUM CREEK MONITORING-NON GEN	28,404	54,477	26,073
PLUM CREEK PROJ ADM-NON GEN EM	1,394	1,450	56
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
TRI-COMMUNITY WSC- NON-GEN EMP	408		(408)
WATER CO ACQUISITIONS-NON GEN	12,330	12,755	425
INDUSTRIAL DEV PROJECT-NON-GEN	18,661	19,221	561
MID-BASIN PROJECT-NON-GEN EMPL	13,356	75,254	61,898
GERONIMO CREEK WPP-NON GEN EMP	29,531	52,620	23,090
<b>Total PD-SUPERVISION &amp; LABOR</b>	<b>366,455</b>	<b>463,289</b>	<b>96,834</b>
<b>Total PROJECT DEVELOPMENT</b>	<b>455,228</b>	<b>809,934</b>	<b>354,706</b>
<b>TOTAL SALARIES &amp; WAGES</b>	<b>3,137,006</b>	<b>3,676,265</b>	<b>539,259</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- RRWDS PIPELINE	61,190	63,397	2,208
REG/LBR- GPP PIPELINE	31,505	32,643	1,138
REG/LBR- G.V. RECREATION	26,725	27,557	832
REG/LBR- LAKEWOOD REC.	48,740	50,323	1,583
REG/LBR- IH35 PIPELINE	9,675	10,201	525
REG/LBR- COMAL CO.RAIN TELEMET	13,939	14,492	554
REG/LBR- KENDAL CO.RAIN TELEMET	13,939	14,492	554
REG/LBR- KERR CO RAIN TELEMETR	13,939	14,492	554
REG/LBR- GUAD.CO.RAIN TELEMETR	13,939	14,492	554
REG/LBR- OTHER	49,785	52,235	2,450
OVT/LBR- RRWDS PIPELINE	4,785	4,961	176
OVT/LBR- GPP PIPELINE	3,559	3,692	133
OVT/LBR- G.V. RECREATION	3,903	4,027	124
OVT/LBR- OTHER	7,904	7,689	(215)
<b>Total LABOR</b>	<b>303,526</b>	<b>314,695</b>	<b>11,169</b>
<b>MATERIAL:</b>			
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	1,200	
M&R/MAT- DIVERSION GATES	2,400	2,400	
M&R/MAT- TRUCKS	3,000	360	(2,640)
M&R/MAT- RRWDS PIPELINE	61,000	61,000	
M&R/MAT- GPP PIPELINE	37,200	37,200	
M&R/MAT- G.V. RECREATION	9,500	9,000	(500)
M&R/MAT- LAKEWOOD REC.	21,660	21,000	(660)
M&R/MAT- IH35 PIPELINE	12,500	15,000	2,500
M&R/MAT- KOBELCO TRACKHOE	4,800	3,600	(1,200)
M&R/MAT- WORK BARGE	4,800	3,600	(1,200)
M&R/MAT- KUBOTA U45 TRACKHOE	720	8,720	8,000
M&R/MAT- KUBOTA M6800 TRACTOR		360	360
M&R/MAT- MOBILE PRESS		1,580	1,580
M&R/MAT- COMAL CO.RAIN TELEMET	1,800	1,000	(800)
M&R/MAT- KENDAL CO.RAIN TELEMET	1,800	1,000	(800)
M&R/MAT- KERR CO RAIN TELEMETR	3,200	3,200	
M&R/MAT- GUAD.CO.RAIN TELEMET	1,800	1,000	(800)

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total MATERIAL</b>	<b>178,180</b>	<b>182,020</b>	<b>3,840</b>
<b>SERVICES:</b>			
M&R/SER- CORPS OF ENG.	360,000	360,000	
M&R/SER- REMOVE LOG JAMS	18,000	25,000	7,000
M&R/SER- WORK BOAT	1,200	1,200	
M&R/SER- DIV. DAM/SWB	7,200	13,400	6,200
M&R/SER- DIV. ROADS&BRIDG	2,400	2,400	
M&R/SER- DIVERSION LEVEES	8,400	7,200	(1,200)
M&R/SER- DIVERSION GATES	2,400	3,600	1,200
M&R/SER- TRUCKS	3,000	600	(2,400)
M&R/SER- RRWDS PIPELINE	84,000	83,400	(600)
M&R/SER- GPP PIPELINE	90,800	93,700	2,900
M&R/SER- G.V. RECREATION	64,500	60,000	(4,500)
M&R/SER- LAKEWOOD REC.	11,880	12,218	338
M&R/SER- IH35 PIPELINE	30,000	27,500	(2,500)
M&R/SER- KOBELCO TRACKHOE	4,800	6,000	1,200
M&R/SER- WORK BARGE	6,000	2,400	(3,600)
M&R/SER- KUBOTA U45 TRACKHOE	3,600	2,400	(1,200)
M&R/SRV- KUBOTA M6800 TRACTOR		360	360
M&R/SER- MOBILE PRESS		3,980	3,980
M&R/SER- GEN. OFFICE BLDG	10,000	10,000	
M&R/SER- COMAL CO.RAIN TELEMET	3,500	2,500	(1,000)
M&R/SER- KENDAL CO.RAIN TELEMET	4,500	2,500	(2,000)
M&R/SER- KERR CO RAIN TELEMETR	10,500	8,500	(2,000)
M&R/SER- GUAD.CO.RAIN TELEMETR	3,500	2,500	(1,000)
M&R/SER- VEGETATION CONTROL	12,000	12,000	
M&R/SER- OTHER	10,000	10,000	
<b>Total SERVICES</b>	<b>752,180</b>	<b>753,358</b>	<b>1,178</b>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>1,233,886</b>	<b>1,250,073</b>	<b>16,187</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>PROJECT DEVELOPMENT</b>			
GBRA UNIVERSITY-BENEFITS	1,251		(1,251)
GBRA UNIVERSITY-A&G	1,020		(1,020)
GBRA UNIVERSITY-NON GENERAL EM	3,090		(3,090)
<b>Total</b>	<b>5,361</b>		<b>(5,361)</b>
ENVIRONMENTAL LCUB-STAFF	21,660	19,978	(1,681)
ENVIRONMENTAL LCUB-BENEFI	10,953	8,441	(2,512)
ENVIRONMENTAL LCUB-TRAVEL	1,000	1,000	
ENVIRONMENTAL LCUB-A&G	8,924	6,878	(2,047)
ENVIRONMENTAL LCUB-NON GE	5,384	864	(4,520)
ENVIRONMENTAL LCUB-PRO FE	20,000	7,500	(12,500)
ENVIRONMENTAL LCUB-SERVIC	10,000		(10,000)
ENVIRONMENTAL LCUB-MAT'L	1,500	12,500	11,000
ENVIRONMENTAL LCUB-OTHER	2,500	2,500	
<b>Total</b>	<b>81,920</b>	<b>59,661</b>	<b>(22,260)</b>
319 RIVER NETWORK-STAFF	436	604	169
319 RIVER NETWORK-BENEFITS	177	245	68
319 RIVER NETWORK-A&G	144	199	56
<b>Total</b>	<b>756</b>	<b>1,049</b>	<b>292</b>
DROUGHT PLANNING-TRAVEL	500	250	(250)
DROUGHT PLANNING-SERVICE	500	250	(250)
DROUGHT PLANNING-MAT'L	2,000	1,000	(1,000)
<b>Total</b>	<b>3,000</b>	<b>1,500</b>	<b>(1,500)</b>
SB3- ENVIRONMNTL FLOWS-ENG	10,000	15,000	5,000
<b>Total</b>	<b>10,000</b>	<b>15,000</b>	<b>5,000</b>
SB2 IN-STREAM FLOW-ENG	15,000	5,000	(10,000)
SB2 IN-STREAM FLOW-BENEFITS	3,217	2,110	(1,107)
SB2 IN-STREAM FLOW-A&G	2,621	1,719	(902)
SB2 IN-STREAM FLOW-NON-GENERAL	7,942	5,210	(2,732)

**GUADALUPE-BLANCO RIVER AUTHORITY  
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**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>28,780</b>	<b>14,039</b>	<b>(14,740)</b>
LOWER BASIN LITIGATION-STAFF	19,427	6,576	(12,851)
LOWER BASIN LITIGATION-LEGA	375,000	375,000	
LOWER BASIN LITIGATION-BENEFI	10,841	3,344	(7,497)
LOWER BASIN LITIGATION-A&G	8,834	2,725	(6,109)
LOWER BASIN LITIGAT-NON GEN	7,341	1,680	(5,661)
<b>Total</b>	<b>421,443</b>	<b>389,325</b>	<b>(32,118)</b>
LOWER BASIN HERITAGE-BENEFITS	5,365		(5,365)
LOWER BASIN HERITAGE-TRAVEL	500		(500)
LOWER BASIN HERITAGE-A&G	4,372		(4,372)
LOWER BASIN HERITAGE-NON-GENER	13,248		(13,248)
LOWER BASIN HERITAGE-SERVICE	40,000		(40,000)
LOWER BASIN HERITAGE-MAT'L	5,000		(5,000)
<b>Total</b>	<b>68,485</b>		<b>(68,485)</b>
PC WATERSHED COORDINATOR-ENG	85,300	85,300	
PC WATERSHED COORDINATOR-BENEF	2,334	4,294	1,960
PC WATERSHED COORDINATE-TRAVEL	15,000	15,000	
PC WATERSHED COORDINATOR-A&G	1,902	3,499	1,597
PC WATERSHED COORDINAT-NON GEN	5,764	10,603	4,839
PC WATERSHED COORDINATOR-OTHER	26,747	26,747	
<b>Total</b>	<b>137,047</b>	<b>145,443</b>	<b>8,396</b>
PC GC ISOTOPE STUDY-ENG	54,000	54,000	
PC GC ISOTOPE STUDY-BENEFITS	2,334	4,294	1,960
PC GC ISOTOPE STUDY-A&G	1,902	3,499	1,597
PC GC ISOTOPE STUDY-NON GEN	5,764	10,603	4,839
<b>Total</b>	<b>64,000</b>	<b>72,396</b>	<b>8,396</b>
REAL HOG FARM PROJ-BENEFITS	5,076	9,117	4,041
REAL HOG FARM PROJ-TRAVEL	900	900	
REAL HOG FARM PROJ-A&G	4,136	7,429	3,292
REAL HOG FARM PROJ-NON GEN EMP	12,534	22,511	9,977



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
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**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
REAL HOG FARM PROJ-OTHER	8,932	8,932	
<b>Total</b>	<b>31,579</b>	<b>48,889</b>	<b>17,310</b>
OUTDOOR LEARNING CNTR-STAFF		1,737	1,737
OUTDOOR LEARNING CNTR-BENEFITS		704	704
OUTDOOR LEARNING CNTR-A&G		573	573
OUTDOOR LEARNING CENTER-OTHER	38,800	38,800	
<b>Total</b>	<b>38,800</b>	<b>41,814</b>	<b>3,014</b>
CRP PROJECT ADMIN-BENEFITS	146	268	122
CRP PROJECT ADMIN-A&G	119	219	100
CRP PROJECT ADMIN-NON GEN EMPL	360	662	302
<b>Total</b>	<b>625</b>	<b>1,149</b>	<b>524</b>
CRP QUALITY ASSURANCE-STAFF		1,413	1,413
CRP QUALITY ASSURANCE-BENEFITS	1,249	6,077	4,828
CRP QUALITY ASSURANCE-A&G	1,018	4,951	3,933
CRP QUALITY ASSURANCE-NON GEN	3,084	13,591	10,507
<b>Total</b>	<b>5,351</b>	<b>26,032</b>	<b>20,681</b>
CRP MONITORING-ENG	24,700	24,700	
CRP MONITORING-BENEFITS	3,456	6,747	3,291
CRP MONITORING-TRAVEL	5,138	5,138	
CRP MONITORING-A&G	2,816	5,498	2,682
CRP MONITORING-NON GEN EMPL	8,534	16,660	8,127
CRP MONITORING-OTHER	93,913	93,913	
<b>Total</b>	<b>138,557</b>	<b>152,657</b>	<b>14,100</b>
CRP INFO CLEARINGHOUSE-BENEFIT	495	799	305
CRP INFO CLEARINGHOUSE-A&G	403	651	248
CRP INFO CLEARINGHOUSE-NON GEN	1,222	1,974	752

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>2,120</b>	<b>3,425</b>	<b>1,305</b>
CRP ISSUES & CAUSES-BENEFITS	146	268	122
CRP ISSUES & CAUSES-A&G	119	219	100
CRP ISSUES & CAUSES-NON GEN EM	360	662	302
<b>Total</b>	<b>625</b>	<b>1,149</b>	<b>524</b>
CRP PUBLIC PARTICIPATION-STAFF	520	5,385	4,865
CRP PUBLIC PARTICIPATION-BENEF	613	2,848	2,235
CRP PUBLIC PARTICIPATION-A&G	500	2,321	1,821
CRP PUBLIC PARTICIPATION-NON G	995	1,648	653
<b>Total</b>	<b>2,628</b>	<b>12,202</b>	<b>9,574</b>
APPLIC-UNAPPROP.FLOW-ENG	5,000	88,000	83,000
<b>Total</b>	<b>5,000</b>	<b>88,000</b>	<b>83,000</b>
BULVERDE AREA WW-ENG	27,000	27,000	
BULVERDE AREA WW-BENEFITS	3,688		(3,688)
BULVERDE AREA WW-A&G	3,005		(3,005)
BULVERDE AREA WW-NON GEN EMP	9,107		(9,107)
BULVERDE AREA WW-MAT'L	3,000	3,000	
<b>Total</b>	<b>45,801</b>	<b>30,000</b>	<b>(15,801)</b>
U/S SWB GUAD RIVER STUDY-ENG		60,000	60,000
<b>Total</b>		<b>60,000</b>	<b>60,000</b>
FLOOD MGMT MODEL-ENG	80,000	420,000	340,000
<b>Total</b>	<b>80,000</b>	<b>420,000</b>	<b>340,000</b>
LAKE MGMT ENHANCEMENT-BENEFITS	1,289	1,328	39
LAKE MGMT ENHANCEMENT-A&G	1,050	1,082	32

**GUADALUPE-BLANCO RIVER AUTHORITY  
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**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
LAKE MGMT ENHANCEMENT-NON-GENE	3,183	3,279	96
LAKE MGMT ENHANCEMENT-SERVICES	10,000	10,000	
<b>Total</b>	<b>15,522</b>	<b>15,688</b>	<b>166</b>
LAKE MGMT GOAT PROJECT-BENEFIT	4,801	8,787	3,986
LAKE MGMT GOAT PROJECT-A&G	3,912	7,160	3,248
LAKE MGMT GOAT PROJECT-NON GEN	11,855	21,696	9,842
<b>Total</b>	<b>20,568</b>	<b>37,643</b>	<b>17,075</b>
LB LK MGMT&AQUATIC CNTL-BENEFI	556	573	17
LB LK MGMT&AQUATIC CNTL-TRAVEL	5,000	5,000	
LB LK MGMT&AQUATIC CNTL-A&G	453	467	14
LB LK MGMT&AQUATIC CNTL-NON-GE	1,373	1,414	41
LB LK MGMT&AQUATIC CNTL-MTL'S	10,000	10,000	
<b>Total</b>	<b>17,382</b>	<b>17,454</b>	<b>71</b>
GW/SW INTERFACE STUDY-ENG		40,000	40,000
<b>Total</b>		<b>40,000</b>	<b>40,000</b>
L.BASIN WATER QLTY MODEL.-SUPV	50,000		(50,000)
L.BASIN WATER QLTY MODEL.-MISC		35,000	35,000
<b>Total</b>	<b>50,000</b>	<b>35,000</b>	<b>(15,000)</b>
LOCKHART DISCHARGE MONT-OTHER	12,500	12,500	
<b>Total</b>	<b>12,500</b>	<b>12,500</b>	
FEMA CTP PROGRAM-OTHER		10,000	10,000
<b>Total</b>		<b>10,000</b>	<b>10,000</b>
MISC PROJ DEV-BENEFITS	7,833		(7,833)
MISC PROJ DEV-A&G	6,382		(6,382)

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
MISC PROJ DEV-NON GEN EMPL	19,341		(19,341)
<b>Total</b>	<b>33,556</b>		<b>(33,556)</b>
GUAD/HAYS/CALD WW CCNS-ENG	30,000	20,000	(10,000)
GUAD/HAYS/CALD WW CCNS-LEGAL	10,000	20,000	10,000
GUAD/HAYS/CALD WW CCNS-BENEFIT	833	1,166	333
GUAD/HAYS/CALD WW CCNS-TRAVEL	500		(500)
GUAD/HAYS/CALD WW CCNS-A&G	678	950	271
GUAD/HAYS/CALD WW CCNS-NON-GEN	2,056	2,879	823
<b>Total</b>	<b>44,067</b>	<b>44,995</b>	<b>927</b>
CANYON SEASONAL POOL-ENG	5,000		(5,000)
CANYON SEASONAL POOL-TRAVEL	2,000		(2,000)
<b>Total</b>	<b>7,000</b>		<b>(7,000)</b>
ASR STUDY-ENG	20,000		(20,000)
<b>Total</b>	<b>20,000</b>		<b>(20,000)</b>
WATER ENERGY NEXUS PRJ-STAFF	23,694	63,374	39,680
WATER ENERGY NEXUS PRJ-BENEFIT	26,339	40,086	13,747
WATER ENERGY NEXUS PRJ-TRAVEL	10,000	10,000	
WATER ENERGY NEXUS PRJ-A&G	21,461	32,663	11,201
WATER ENERGY NEXUS PRJ-NON-GEN	41,340	35,603	(5,736)
WATER ENERGY NEXUS PRJ-PRO FEE	900,000	900,000	
WATER ENERGY NEXUS PRJ-W/O		10,000	10,000
WATER ENERGY NEXUS PRJ-OTHER		10,000	10,000
<b>Total</b>	<b>1,022,833</b>	<b>1,101,726</b>	<b>78,892</b>
MID-BASIN HDR-BENEFIT	562	302	(261)
MID-BASIN HDR-A&G	458	246	(212)
MID-BASIN HDR-NON-GEN	1,389	745	(643)

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>2,409</b>	<b>1,293</b>	<b>(1,116)</b>
MID-BASIN GRANT STDY-BENEFITS	13,535		(13,535)
MID-BASIN GRANT STDY-A&G	11,028		(11,028)
MID-BASIN GRANT STDY-NON-GEN	33,420		(33,420)
<b>Total</b>	<b>57,983</b>		<b>(57,983)</b>
DIVERSION SYS IMPROVEMENTS-ENG	25,000	25,000	
<b>Total</b>	<b>25,000</b>	<b>25,000</b>	
SUNFIELD-BENEFITS	1,289		(1,289)
SUNFIELD-A&G	1,050		(1,050)
SUNFIELD-NON GENERAL EMPLOYEE	3,183		(3,183)
<b>Total</b>	<b>5,522</b>		<b>(5,522)</b>
RIVER GAGES-ENG	25,000	25,000	()
<b>Total</b>	<b>25,000</b>	<b>25,000</b>	<b>()</b>
EAA HABITAT CONSRV PLAN-OTHER	450,000	450,000	
<b>Total</b>	<b>450,000</b>	<b>450,000</b>	
LOWER BASIN PERMIT AMEND-STAFF	1,562	2,528	966
LOWER BASIN PERMIT AMEND-BEN	4,927	5,447	520
LOWER BASIN PERMIT AMEND-A&G	4,015	4,438	424
LOWER BASIN PERM AM.-NON GEN E	10,604	10,921	318
<b>Total</b>	<b>21,107</b>	<b>23,335</b>	<b>2,228</b>
LOWER BASIN PROJ ADM-STAFF		31,200	31,200
LOWER BASIN PROJ ADM-ENG	25,000	900,000	875,000
LOWER BASIN PROJ ADM-LEGAL	750,000	750,000	
LOWER BASIN PROJ ADM-BENEFITS		16,848	16,848

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
LOWER BASIN PROJ ADM-TRAVEL	10,000	10,000	
LOWER BASIN PROJ ADM-A&G		13,728	13,728
LOWER BASIN PROJ AD-NON GEN EM		10,400	10,400
LOWER BASIN PROJ ADM-W/O		10,000	10,000
LOWER BASIN PROJ ADM-OTHER	5,000	10,000	5,000
<b>Total</b>	<b>790,000</b>	<b>1,752,176</b>	<b>962,176</b>
JOHNSON RCH WWTP RGLZ-BENEFITS	7,278		(7,278)
JOHNSON RCH WWTP RGLZ-TRAVEL	500	500	
JOHNSON RCH WWTP RGLZ-A&G	5,930		(5,930)
JOHNSON RCH WWTP RGLZ-NON GEN	17,970		(17,970)
JOHNSON RANCH-SERVICES	5,000	500	(4,500)
<b>Total</b>	<b>36,678</b>	<b>1,000</b>	<b>(35,678)</b>
CANYON GORGE PROJECT-STAFF	6,316	7,276	960
CANYON GORGE PROJECT-BENEFITS	2,558	2,947	389
CANYON GORGE PROJECT-A&G	2,084	2,401	317
<b>Total</b>	<b>10,958</b>	<b>12,623</b>	<b>1,666</b>
WATER SUPPLY ALTERNATIVE-BENEF	3,964	2,722	(1,242)
WATER SUPPLY ALTERNATIVE-A&G	3,230	2,218	(1,012)
WATER SUPPLY ALTERNATIVE-NON-G	9,788	6,721	(3,067)
<b>Total</b>	<b>16,982</b>	<b>11,661</b>	<b>(5,322)</b>
4S RANCH-STAFF	4,375		(4,375)
4S RANCH-BENEFITS	2,605		(2,605)
4S RANCH-A&G	2,122		(2,122)
4S RANCH-NON-GENERAL	2,056		(2,056)
<b>Total</b>	<b>11,158</b>		<b>(11,158)</b>
PARK VILLAGE-STAFF	4,375		(4,375)
PARK VILLAGE-BENEFITS	2,605		(2,605)
PARK VILLAGE-A&G	2,122		(2,122)
PARK VILLAGE-NON-GENERAL	2,056		(2,056)

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>11,158</b>		<b>(11,158)</b>
WATER & WW INV-BENEFITS	2,643	2,926	283
WATER & WW INV-A&G	2,153	2,384	231
WATER & WW INV-NON GEN EMPL	6,525	7,225	700
<b>Total</b>	<b>11,321</b>	<b>12,535</b>	<b>1,214</b>
UB LK MGMT&AQUATIC CNTL-STAFF		1,560	1,560
UB LK MGMT&AQUATIC CNTL-BENEF	4,660	5,409	749
UB LK MGMT&AQUATIC CNTL-A&G	3,797	4,407	610
UB LK MGMT&AQUATIC CNTL-NONGEN	11,506	11,795	289
UB LK MGMT&AQUATIC CNTL-SERVIC	5,000	5,000	
UB LK MGMT&AQUATIC CNTL-MAT'L	12,500	12,500	
<b>Total</b>	<b>37,463</b>	<b>40,670</b>	<b>3,208</b>
PLUM CREEK OUTREACH-STAFF	1,069	2,224	1,155
PLUM CREEK OUTREACH-BENEFITS	433	901	468
PLUM CREEK OUTREACH-A&G	353	734	381
<b>Total</b>	<b>1,855</b>	<b>3,858</b>	<b>2,003</b>
PLUM CREEK MONITORING-STAFF	639	1,339	701
PLUM CREEK MONITORING-BENEFITS	11,762	22,606	10,843
PLUM CREEK MONITORING-A&G	9,584	18,420	8,835
PLUM CREEK MONITORING-NON GEN	28,404	54,477	26,073
PLUM CREEK MONITORING-OTHER	140,945	140,945	
<b>Total</b>	<b>191,334</b>	<b>237,787</b>	<b>46,452</b>
PLUM CREEK PROJ ADM-BENEFITS	565	587	23
PLUM CREEK PROJ ADM-A&G	460	478	18
PLUM CREEK PROJ ADM-NON GEN EM	1,394	1,450	56

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>2,419</b>	<b>2,515</b>	<b>97</b>
FM 110 P/L RELOC-REIMB-STAFF		119,935	119,935
FM 110 P/L RELOC-REIMB-ENG		250,000	250,000
FM 110 P/L RELOC-REIMB-LEGAL		10,000	10,000
FM 110 P/L RELOC-REIMB-BENEFIT		61,604	61,604
FM 110 P/L RELOC-REIMB-TRAVEL		20,000	20,000
FM 110 P/L RELOC-REIMB-SERVICE		20,000	20,000
FM 110 P/L RELOC-REIMB-A&G		50,196	50,196
FM 110 P/L RELOC-REIMB-NON GEN		32,173	32,173
FM 110 P/L RELOC-REIMB-OTHER		1,000,000	1,000,000
<b>Total</b>		<b>1,563,908</b>	<b>1,563,908</b>
FM 110 P/L -NONREIMB-STAFF		15,600	15,600
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	8,582
FM 110 P/L -NONREIMB-TRAVEL	5,000	5,000	
FM 110 P/L -NONREIMB-SERVICE	5,000		(5,000)
FM 110 P/L -NONREIMB-A&G		6,993	6,993
FM 110 P/L -NONREIMB-NON GEN		5,589	5,589
FM 110 P/L -NONREIMB-W/O		1,000	1,000
FM 110 P/L -NONREIMB-OTHER		100,000	100,000
<b>Total</b>	<b>45,000</b>	<b>177,763</b>	<b>132,763</b>
FM-183 UTLY RELOCATE-STAFF		15,600	15,600
FM-183 UTLY RELOCATE-BENEFITS		8,424	8,424
FM-183 UTLY RELOCATE-A&G		6,864	6,864
FM-183 UTLY RELOCATE-NON GEN		5,200	5,200
<b>Total</b>		<b>36,088</b>	<b>36,088</b>
FM-725 UTLY RELOCATE-STAFF		15,600	15,600
FM-725 UTLY RELOCATE-BENEFITS		8,424	8,424
FM-725 UTLY RELOCATE-A&G		6,864	6,864
FM-725 UTLY RELOCATE-NON GEN		5,200	5,200



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>		<b>36,088</b>	<b>36,088</b>
TRI-COMMUNITY WSC- BENEFITS	165		(165)
TRI-COMMUNITY WSC- A&G	135		(135)
TRI-COMMUNITY WSC- NON-GEN EMP	408		(408)
<b>Total</b>	<b>708</b>		<b>(708)</b>
WATER CO ACQUISITIONS-BENEFITS	4,994	5,166	172
WATER CO ACQUISITIONS-TRAVEL	500	500	
WATER CO ACQUISITIONS-A&G	4,069	4,209	140
WATER CO ACQUISITIONS-NON GEN	12,330	12,755	425
WATER CO ACQUISITIONS-SERVICES	15,000		(15,000)
<b>Total</b>	<b>36,892</b>	<b>22,630</b>	<b>(14,262)</b>
INDUSTRIAL DEV PROJECT-ENG	10,000	10,000	
INDUSTRIAL DEV PROJECT-BENEFIT	7,558	7,785	227
INDUSTRIAL DEV PROJECT-TRAVEL	200	200	
INDUSTRIAL DEV PROJECT-A&G	6,158	6,343	185
INDUSTRIAL DEV PROJECT-NON-GEN	18,661	19,221	561
INDUSTRIAL DEV PROJECT-MAT'L	5,000	5,000	
<b>Total</b>	<b>47,576</b>	<b>48,549</b>	<b>973</b>
ENG BUERGER LANE BRIDGE-ENG	25,000		(25,000)
<b>Total</b>	<b>25,000</b>		<b>(25,000)</b>
MID-BASIN PROJECT-STA	2,140	25,928	23,788
MID-BASIN PROJECT-ENG	200,000	250,000	50,000
MID-BASIN PROJECT-LEGAL	375,000	375,000	
MID-BASIN PROJECT-BENEFITS	6,276	40,979	34,703
MID-BASIN PROJECT-TRAVEL	5,000	5,000	
MID-BASIN PROJECT-A&G	5,114	33,390	28,277
MID-BASIN PROJECT-NON-GEN EMPL	13,356	75,254	61,898
MID-BASIN PROJECT-PROF FEE	1,000	5,000	4,000
MID-BASIN PROJECT-W/O		5,000	5,000
MID-BASIN PROJECT-OTHER	5,000	5,000	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>612,885</b>	<b>820,551</b>	<b>207,666</b>
S.B.1 PHASE 4-ENG	14,000	14,000	
S.B.1 PHASE 4-TRAVEL		2,000	2,000
<b>Total</b>	<b>14,000</b>	<b>16,000</b>	<b>2,000</b>
GERONIMO CREEK WPP-STAFF	2,561	8,788	6,227
GERONIMO CREEK WPP-BENEFITS	12,997	24,870	11,873
GERONIMO CREEK WPP-A&G	10,590	20,265	9,674
GERONIMO CREEK WPP-NON GEN EMP	29,531	52,620	23,090
GERONIMO CREEK WPP-MISC	76,000	76,000	
<b>Total</b>	<b>131,679</b>	<b>182,543</b>	<b>50,864</b>
BUD W/O-LAKE MGMT	(28,098)		28,098
BUD W/O-APPLIC UNAPPROP FLOW	(5,000)		5,000
BUD W/O-GERONIMO CREEK	(98,757)		98,757
BUD W/O-ARANSAS PROJ LITIGATIO	(100,000)		100,000
BUD W/O-PLUM CREEK MONITORING	(143,496)		143,496
BUD W/O-EEA HABITAT	(300,000)		300,000
BUD W/O-PLUM CREEK WS COORDINA	(102,780)		102,780
BUD W/O-WATER ENERGY NEXUS	(233,000)		233,000
BUD W/O-PC ISOTOPE	(14,000)		14,000
BUD W/O-OUTDOOR LEARNING CTR	(28,100)		28,100
<b>Total</b>	<b>(1,053,231)</b>		<b>1,053,231</b>
<b>TOTAL PROJECT DEVELOPMENT</b>	<b>3,984,165</b>	<b>8,402,311</b>	<b>4,418,147</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**041 - WATER SALES**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>WIP - OPERATING</b>			
H5 LOT RESTORATION-SUPERV	12,077	15,268	3,192
H5 LOT RESTORATION-BENEFITS	4,891	6,184	1,293
H5 LOT RESTORATION-SERVICES	30,000	50,000	20,000
H5 LOT RESTORATION-A&G	3,985	5,039	1,053
<b>Total</b>	<b>50,953</b>	<b>76,491</b>	<b>25,537</b>
HAZARD MITIGATION-PROF FEES		50,000	50,000
<b>Total</b>		<b>50,000</b>	<b>50,000</b>
SIPHON/RADIAL GATE IMPS-SERVIC	40,042	50,053	10,011
SIPHON/RADIAL GATE IMPS-MAT'L		7,875	7,875
<b>Total</b>	<b>40,042</b>	<b>57,928</b>	<b>17,886</b>
ADD'L CAMPISTES/LAKEWOOD-MATLS		27,000	27,000
<b>Total</b>		<b>27,000</b>	<b>27,000</b>
<b>TOTAL WIP - OPERATING</b>	<b>90,995</b>	<b>211,419</b>	<b>120,423</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORK PLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**WATER SALES**

**FY 2016  
BUDGET**

**AUTO & HEAVY EQUIPMENT**

EZ GO GOLF CART	10,000
TRUCK-1 TON FOR MOBILE PRESS	40,000
<b>Total AUTO &amp; HEAVY EQUIPMENT</b>	<b>50,000</b>

**OFFICE FURN. & EQUIP.**

OFFICE FURNITURE	5,000
REPLACE KUBOTA 6800 TRACTOR	28,143
<b>Total OFFICE FURN. &amp; EQUIP.</b>	<b>33,143</b>

**MISCELLANEOUS EQUIPMENT**

ATV W/UTILITY BED	9,500
MOBILE DEWATERING SYSTEM W/TRAILER	365,000
<b>Total MISCELLANEOUS EQUIPMENT</b>	<b>374,500</b>

<b>TOTAL CAPITAL ADDITIONS</b>	<b>457,643</b>
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# **Water Resources Division Regional Laboratory System Operating Plan for Fiscal Year Ending 8/31/16**

## **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 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 helps identify and monitor sources of pollution and recommends remediation when appropriate. In support of the water quality program, a Regional Laboratory was built and equipped at GBRA's General Business Offices in Seguin. The responsibilities of the water quality program have been assigned to the Director of Water Quality. The responsibilities for maintaining the Regional Laboratory have been assigned to the Regional Laboratory Director.

The Regional Laboratory provides technical assistance and support to GBRA's operations, as well as cities, water districts, industries, engineering firms and other organizations as they comply with federal, state, and local water quality regulations. The Regional Laboratory is equipped to perform physical, chemical, and biological analyses of water from natural streams, water and wastewater treatment plants, groundwater wells and treatment residuals. 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 that are 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. The laboratory is working with local universities and colleges by providing a professional work setting in which students and/or interns can learn and grow. The lab provides a way to promote the sought after STEM programs. The lab offers younger students working on science projects access and technical expertise directly from the 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, four Laboratory Technicians, a Quality Assurance Officer, one part-time Laboratory Technician and one Technical administrative assistant and a sample custodian. 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, training, and facilities. The GBRA Regional Laboratory holds the TCEQ TNI-recognized laboratory accreditation since 2008.

## REVENUE SOURCES AND TRENDS

The Regional Laboratory revenue is provided from laboratory test fees. Fees for laboratory analyses will be raised in FY2016. The laboratory income is estimated to be \$890,000 during FY 2016. 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. 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.

## CAPTITAL ADDITIONS AND OPERATING EXPENDITURES

The two major operating expense components within the Regional Laboratory System are \$50,000 of outsourced lab analyses and chemical expenses amounting to \$115,000. A capital addition budgeted in the Regional Lab FY 2015 budget for a “LIMS” or Laboratory Information Management System is in progress and is slated for completion in FY2016. The FY 2016 portion of the LIMS is budgeted to cost \$10,000 for additional accessories and computer needs not considered in the last FY. Another \$25,000 in professional fees is requested to allow for external assistance and expertise in order for the installation to be completed. The LIMS purpose is to improve data reporting, improve efficiency for lab staff labor, improve process of retrieval of data and to stay in compliance within state and TNI requirements.

Other capital addition requests are as follows: replacement of the printer/scanner used in the lab (\$5000), a dishwasher (\$13,000), a replacement furnace (\$4000), a replacement refrigerator for samples (\$5000) and an Autotitrator for the analysis of hardness and alkalinity (\$45,000).

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 numerous test samples needed to support GBRA’s Contact Recreation Water Quality Index. The list of sampling sites includes:

<b>Location</b>	<b>County</b>	<b>Location</b>	<b>County</b>
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 is received from a \$197,200 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 2016 budgeted expenditures is \$61.



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**042 - REGIONAL LABORATORY**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>LABORATORY SERVICES:</b>			
LAB FEES - OPERATING	870,000	890,000	20,000
<b>Total LABORATORY SERVICES</b>	<b>870,000</b>	<b>890,000</b>	<b>20,000</b>
<b>TOTAL OPERATING REVENUES</b>	<b>870,000</b>	<b>890,000</b>	<b>20,000</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	30,313	25,281	(5,032)
SUPERVISION	74,302	73,885	(417)
LABOR	262,687	315,612	52,925
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>367,302</b>	<b>414,778</b>	<b>47,475</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	1,500	4,000	2,500
TRAVEL-SAMPLE PICKUP	2,500	1,500	(1,000)
EMPLOYEE BENEFITS	148,758	167,985	19,227
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>152,758</b>	<b>173,485</b>	<b>20,727</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
PUBLIC INFORMATION	500	500	
DUES AND MEMBERSHIPS	500	1,000	500
PUBLICATIONS AND BOOKS		600	600
UNIFORMS AND LAUNDRY	4,700	4,700	
OUTSOURCED LAB ANALYSES	60,000	50,000	(10,000)
BAD DEBT EXPENSE	300	300	
TRAINING EXPENSES	6,000	7,500	1,500
LAB EMPLOYEE RETENTION EXPENSE		1,000	1,000
SAFETY & EMERG. EXPENSES	1,000	2,500	1,500
SECURITY EXPENSE		1,000	1,000
POWER AND UTILITIES	7,000	6,500	(500)
WATER CONDITIONING	5,000	6,800	1,800
FREIGHT EXPENSES	13,000	10,000	(3,000)
APPARATUS EXPENSES	5,000	6,000	1,000
CHEMICAL EXPENSES	110,000	115,000	5,000
GAS CYLINDERS EXPENSES	4,000	5,000	1,000
PT EXPENSES	6,400	5,500	(900)
HAZ. WASTE DISPOSAL EXPENSES	4,500	6,000	1,500
NELAP - ACCREDIATION FEES	4,500	3,000	(1,500)

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**042 - REGIONAL LABORATORY**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
NELAP - PROFESSIONAL SERVICES	5,000	5,000	
PROFESSIONAL FEES	25,000	35,000	10,000
CONTRACT LABOR	4,000	6,000	2,000
COMMUNICATIONS	2,000	2,800	800
OFFICE SUPPLIES & EXPENSES	2,000	6,000	4,000
COMPUTER SUPPLIES & SERVICE	7,800	8,000	200
COMPUTER-LIMS EXPENSE		5,000	5,000
INSURANCE EXPENSE	5,000	5,300	300
MISCELLANEOUS EXPENSES	1,500	2,000	500
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>284,700</b>	<b>308,000</b>	<b>23,300</b>
<b>MAINTENANCE &amp; REPAIR</b>			
MATERIAL	9,500	4,000	(5,500)
SERVICES	44,000	36,000	(8,000)
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>53,500</b>	<b>40,000</b>	<b>(13,500)</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>858,260</b>	<b>936,262</b>	<b>78,002</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	121,210	136,876	15,666
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>121,210</b>	<b>136,876</b>	<b>15,666</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>979,470</b>	<b>1,073,139</b>	<b>93,669</b>
<b>NET OPERATING INCOME</b>	<b>(109,470)</b>	<b>(183,139)</b>	<b>(73,669)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**042 - REGIONAL LABORATORY**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	870,000	890,000	20,000
OPERATING EXPENSES	(979,470)	(1,073,139)	(93,669)
<b>NET OPERATING INCOME</b>	<b>(109,470)</b>	<b>(183,139)</b>	<b>(73,669)</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>CAPITAL CONTRIBUTIONS:</b>			
CONTRIBUTED BY OTHER FUNDS	191,000	197,200	6,200
<b>Total CAPITAL CONTRIBUTIONS</b>	<b>191,000</b>	<b>197,200</b>	<b>6,200</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>191,000</b>	<b>197,200</b>	<b>6,200</b>
<b>CHANGE IN NET ASSETS</b>	<b>81,530</b>	<b>14,061</b>	<b>(67,469)</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
BANK LOANS		58,000	58,000
<b>Total DEBT CAPITAL</b>		<b>58,000</b>	<b>58,000</b>
<b>TOTAL FUNDS AVAILABLE</b>	<b>81,530</b>	<b>72,061</b>	<b>(9,469)</b>
<b>PURCHASES OF FIXED ASSETS</b>			
SPECIALIZED OPER. EQUIPMENT	75,000	67,000	(8,000)
OFFICE FURN & EQUIPMENT		5,000	5,000
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>75,000</b>	<b>72,000</b>	<b>(3,000)</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>	<b>5,795</b>		<b>(5,795)</b>
<b>DEBT SERVICE</b>			
<b>TOTAL FUNDS APPLIED</b>	<b>80,795</b>	<b>72,000</b>	<b>(8,795)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**042 - REGIONAL LABORATORY**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>735</b>	<b>61</b>	<b>(674)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**042 - REGIONAL LABORATORY**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	8,528	7,372	(1,155)
STA- CLERICAL	21,786	17,909	(3,877)
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>30,313</b>	<b>25,281</b>	<b>(5,032)</b>
<b>SUPERVISION:</b>			
SUPERVISION	230	1,299	1,069
SUP- ANALYTICAL	41,135	5,706	(35,428)
SUP- SUPPORT	32,937	56,015	23,078
SUP- SAFETY & TRAINING		2,826	2,826
SUP- LIMS SUPPORT		8,039	8,039
<b>Total SUPERVISION</b>	<b>74,302</b>	<b>73,885</b>	<b>(417)</b>
<b>OPERATING LABOR:</b>			
CLERICAL	20,093	50,950	30,857
REG- ANALYTICAL LABOR	105,412	109,383	3,971
REG- SUPPORT LABOR	133,926	120,425	(13,501)
REG- MISC LABOR		3,121	3,121
REG- PURCHASING AGENT		405	405
REG- SAFETY & TRAINING	3,257	18,682	15,425
REG- LIMS SUPPORT		12,647	12,647
<b>Total OPERATING LABOR</b>	<b>262,687</b>	<b>315,612</b>	<b>52,925</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>Total MAINTENANCE &amp; REPAIR</b>			
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>PD-STAFF:</b>			
CRP-PUBLIC PART-STAFF	3,195		(3,195)
<b>Total PD-STAFF</b>	<b>3,195</b>		<b>(3,195)</b>
<b>PD-SUPERVISION &amp; LABOR:</b>			
CRP-PUBLIC PART-NON GEN EMPL	145		(145)

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**042 - REGIONAL LABORATORY**

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
Total PD-SUPERVISION & LABOR	145		(145)
Total PROJECT DEVELOPMENT	3,340		(3,340)
TOTAL SALARIES & WAGES	370,642	414,778	44,135

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**042 - REGIONAL LABORATORY**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>MATERIAL:</b>			
M&R/MAT- REGIONAL LAB	9,500	4,000	(5,500)
<b>Total MATERIAL</b>	<b>9,500</b>	<b>4,000</b>	<b>(5,500)</b>
<b>SERVICES:</b>			
M&R/SER- REGIONAL LAB	44,000	30,000	(14,000)
M&R/SER- GEN. OFFICE BLDG		6,000	6,000
<b>Total SERVICES</b>	<b>44,000</b>	<b>36,000</b>	<b>(8,000)</b>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>53,500</b>	<b>40,000</b>	<b>(13,500)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**042 - REGIONAL LABORATORY**

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
<b>PROJECT DEVELOPMENT</b>			
CRP-PUBLIC PART-STAFF	3,195		(3,195)
CRP-PUBLIC PART-BENEFITS	1,353		(1,353)
CRP-PUBLIC PART-A&G	1,102		(1,102)
CRP-PUBLIC PART-NON GEN EMPL	145		(145)
	<hr/>	<hr/>	<hr/>
<b>Total</b>	<b>5,795</b>		<b>(5,795)</b>
	<hr/>	<hr/>	<hr/>
<b>TOTAL PROJECT DEVELOPMENT</b>	<b>5,795</b>		<b>(5,795)</b>
	<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**REGIONAL LABORATORY**

	<b>FY 2016 BUDGET</b>
<b>LABORATORY EQUIPMENT</b>	
AUTOTITRATOR	45,000
DISHWASHER	13,000
FURNACE	4,000
REFRIGERATOR	5,000
<b>Total LABORATORY EQUIPMENT</b>	<b>67,000</b>
<b>OFFICE FURN. &amp; EQUIP.</b>	
PRINTER/SCANNER	5,000
<b>Total OFFICE FURN. &amp; EQUIP.</b>	<b>5,000</b>
<b>TOTAL CAPITAL ADDITIONS</b>	<b>72,000</b>

# **Water Resource Division**

## **Calhoun Canal System**

### **Operating Plan for Fiscal Year Ending 8/31/16**

#### **BACKGROUND**

The Calhoun Canal System of GBRA has as its origin the Calhoun Canal Company, a private enterprise created in the 1940's to establish a new rice industry in the county through the furnishing of irrigation water for rice farmers. As much as 20,000 acres was irrigated at the peak of that business. A severe drought in the 1950's and accompanying saltwater intrusion reduced the acreage significantly. In 1963, GBRA acquired the system. The construction of a new saltwater barrier on the Guadalupe River shortly thereafter provided protection against salty water encroachment. Furthermore, GBRA's substantial and senior surface water permits on the Guadalupe River and its tributaries, allowed GBRA to contract with numerous wholesale customers for industrial and municipal purposes, in addition to the traditional business of irrigating agricultural crops. Customers include 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 commercial catfish, waterfowl, or crawfish projects. The 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. These facilities and the essential senior water rights allow GBRA to more fully meet the public's expectation of responsible development through enterprises that protect and enhance the environment while providing clean water for Texans.

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. Log jam removal work on the lower San Antonio River in Refugio County has also been performed in recent years in order to improve and preserve that river's natural flow as a tributary of the Guadalupe River; however, the lack of funding for this endeavor and low river flows for floating logs now severely limits the amount of work possible.

The supply of water diverted at the river is re-lifted at the Union Carbide pump station, whereupon it becomes available for customers via gravity flow through the canal delivery system. For budgeting and operational purposes, the Canal System begins at this point. The costs incurred in operation of the river diversion system upstream of this pump station are budgeted and recorded in GBRA's Water Resource Division. The objectives of this Work Plan and Budget are to operate and maintain the canal delivery system to insure an adequate supply of raw water of good quality to meet the demands of the Canal Division's industrial, municipal and agricultural customers.

The Calhoun Canal System is supervised by the Operations Manager - Lower Basin and the Manager of Port Lavaca Operations. 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. Employee training continues to emphasize safety in marine operations and hurricane preparedness.

Moderate to severe drought including 2011, a year of record drought, continued to challenge water suppliers in Texas. Significant reductions in river flow were more the norm, as observed at the GBRA saltwater barrier located ten miles upstream from San Antonio Bay. In spite of the extremely dry weather, all customers of the Division continued to receive full service of good quality raw water, with adequate flows continuing past the barrier to nourish the San Antonio Bay system. Redevelopment of an El Nino weather pattern in early 2015 has resulted in an above normal rainfall pattern in March, April and May resulting in much improved river flows in the lower basin. The El Nino weather pattern is forecast to persist during the remainder of 2015.

## REVENUE SOURCES AND TRENDS

Continued expenses associated with water rights and permitting, the removal of aquatic vegetation infesting the canals, and the languishing of rice acreage in the county requires continued adjustments in the rates for raw water supply to our customers. All but one of the rice farmers who contracted for irrigation water in 2014 opted out of planting in 2015 due to the uncertainty of the drought as well as the low price of rice. The remaining farmer interested in ricing this year has been unable to complete field preparations due to wet ground conditions and opted to defer any ricing until next year. Estimated rice irrigation in FY 2016 is reduced from 1,850 acres to 1,000 acres (800 acres for first crop rice plus 200 acres of second crop rice) due to the uncertainty of contracted rice acreage. The shortfall of several thousand acres for a robust irrigation business appears likely to continue or worsen, in spite of the passage of a new federal farm bill that reduces the incentive to idle acreage. As a point of comparison, over 9,000 acres were irrigated in the late 1970's and early 1980's. Acreage cultivated for rice declined drastically in the mid 1990's when the government's farm program began to provide support payments that did not require a crop to be planted, and local agricultural interest and infrastructure shifted from rice to pasture and cattle. And while in recent years most commercial grain and fiber crops have reached or exceeded parity pricing (the most favorable historical pricing base) and therefore encouraged additional plantings, it does not hold in the case of rice. Thus, rice production in Calhoun County continues to be relegated to minor crop status, even though an abundance of land and water is present. Furthermore, seed rice and organic rice plantings have declined significantly and are no longer a factor in the GBRA irrigation mix. Fortunately, some farmers continue to find a nominal profit in rice. This allows the continuance of the irreplaceable canal infrastructure required for rice cultivation, albeit at reduced efficiency. A viable surface water irrigation system is arguably of significant importance in the preservation of reserve capacity for the production of the nation's food and fiber.

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 2016, revenue from water supplied to municipal and industrial customers is budgeted to increase from \$997,845 to \$1,106,476. Municipal revenue is relatively stable while industrial revenue is increased slightly due to a higher projected usage by Union Carbide/Dow Chemical Company which has a petrochemical plant adjacent to GBRA's main canal.

Alternative crop irrigation of corn, soybeans, cotton and pastureland is not normally a significant revenue source. Only four years in recent canal operational history experienced such irrigation activities, 1996 and 1998 (about 7,500 acres) and 2001 (about 3,900 acres). Also in 2011, a large increase in irrigated pasture occurred, due to the extreme drought, with 2,247 acres watered. Furrow irrigation

projects however, are minimal or nonexistent year to year. These types of ventures do have the potential to increase the farmers' income – not to mention an enhanced revenue source for GBRA – but to date the risks associated with flood irrigation in the coastal prairies for upland crops, where abundant rainfall and poor drainage is the norm, have dissuaded all but the most optimistic agricultural businessmen. Sprinkler irrigation systems are continuing a pattern of incremental growth, due to the dependable supply of GBRA water for these units and the precise application rate inherent in this equipment.

Other irrigation ventures include crawfish production, catfish pond farming, and the flooding of abandoned fields for sportsmen interested specifically in waterfowl hunting. For crawfish, catfish, and waterfowl projects, a charge for the initial fill of dry or partly full ponded areas is made, utilizing the standard municipal/industrial rate. The differing flat rates mentioned are for makeup water based on estimated usage and length of time the pond or field is operated each year. Regarding the aquaculture projects of catfish and crawfish, these tend to be year-round ventures, and existing flat rates based on a periodic grow-out season have increased each year to account for the annual water use. The crawfish business has yet to find a viable niche in this area.

Increases in the maintenance and repair costs associated with the operation of the Union Carbide pump station, forecasted decline in rice irrigation revenues and the ongoing treatment costs associated with the control of invasive aquatic plant species in the main canal has necessitated an across the board increase in industrial and municipal raw water rates of 1.5¢ per thousand gallons. The base municipal and industrial rate will increase from 15.0¢ per thousand gallons in FY 2015 to 16.5¢ per thousand gallon in FY 2016. The rates for the Canal System for FY 2016 are as follows:

First crop rice	\$130/acre	(unchanged)
Second crop rice	\$50/acre	(unchanged)
Row Crop	\$45/acre	(was \$40)
Pasture	\$45/acre	(was \$40)
Crawfish Pond	\$90/acre	(+16.5¢/1000 gals(was 15.0¢) for initial fill; (was \$85)
Waterfowl Field	\$60/acre	(+16.5¢/1000(was15.0¢) gals for initial fill; (was \$50)
Catfish Farm	\$116/acre	(+16.5¢/1000 gals (was 15.0¢) for initial fill; (was \$112)
Other Ponds and rigs	\$0.16.5/1000 gals	(+ \$495 basic charge; unchanged)
Seadrift Coke LP	\$0.205/1000 gals	(was \$0.190)
Ineos Nitriles	\$0.200/1000 gals	(was \$0.185)
Other M&I Customers	\$0.165/1000 gals	(was \$0.150)
Sprinkler Irrigation	\$45/acre	(was \$40)

## **CAPITAL ADDITIONS AND OPERATING EXPENDITURES**

The decline in rice irrigation during the last two decades and particularly since 1996 continues to have a tremendous impact on the Calhoun Canal System's operating budget. The impact restricts the implementation of rehabilitation and maintenance work to only the more critical items.

Significant operating expenses for FY 2016 include \$24,000 in truck operating costs and \$30,000 in tractor operating costs, \$38,400 for stream gaging, \$32,292 for electrical power to operate the Relift #1 Pump Station, \$33,690 in assessments pertaining to the TCEQ South Texas Watermaster Program, and \$45,000 in insurance costs. Additionally, \$320,000 is budgeted for the Canal Division's payment of operating and power costs associated with the Union Carbide raw water pump station.

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. The use of herbicides is the principal means used by GBRA to control these aquatic weeds, and such use is governed by the GBRA Pesticide Management Directive to insure safe and correct application that meets all label and material safety data sheet provisions.

Under capital additions, \$7,000 is budgeted for a replacement riding mower and \$17,000 for a replacement shredder. Work authorizations include \$8,000 budgeted in services for roof repairs on the re-lift pump station and \$5,000 in materials to replace a canal bridge crossing.s

## **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 \$4,291.

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**043 - CALHOUN CANAL**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WATER SALES &amp; LAKE OPERATIONS:</b>			
WATER SALES-PT. LAVACA	80,526	88,578	8,052
WATER SALES-RURAL WATER	14,136	15,182	1,046
WATER SALES-CARBIDE	658,820	752,716	93,896
WATER SALES-INEOS NITRILES G.L	204,296	210,108	5,812
WATER SALES-1ST CROP	240,500	104,000	(136,500)
WATER SALES-2ND CROP RICE	12,190	10,000	(2,190)
WATER SALES-OTHER	26,000	18,000	(8,000)
WATER SALES-SPRINKLER IRRIGAT	24,000	27,000	3,000
WATER SALES-SEADRIFT COKE	21,999	23,714	1,715
WATER SALES-CRAWFISH FARM	12,750	9,000	(3,750)
WATER SALES-PONDS & RIGS	16,080	12,100	(3,980)
WATER SALES-WATERFOWL WTR	9,684	15,600	5,916
WATER SALES-POC ID	17,368	16,178	(1,190)
WATER SALES-CATFISH FARM	8,400	8,700	300
<b>Total WATER SALES &amp; LAKE OPERATIONS</b>	<b>1,346,749</b>	<b>1,310,876</b>	<b>(35,873)</b>
<b>RENTALS:</b>			
BUILDING RENTAL	6,384	6,384	
<b>Total RENTALS</b>	<b>6,384</b>	<b>6,384</b>	
<b>MISCELLANEOUS INCOME:</b>			
MISCELLANEOUS REVENUES	6,000	6,000	
<b>Total MISCELLANEOUS INCOME</b>	<b>6,000</b>	<b>6,000</b>	
<b>TOTAL OPERATING REVENUES</b>	<b>1,359,133</b>	<b>1,323,260</b>	<b>(35,873)</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	21,402	20,182	(1,221)
SUPERVISION	49,689	51,459	1,770
LABOR	172,299	178,929	6,630
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>243,390</b>	<b>250,569</b>	<b>7,179</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	1,200	1,200	
EMPLOYEE BENEFITS	138,426	142,664	4,238

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**043 - CALHOUN CANAL**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>139,626</b>	<b>143,864</b>	<b>4,238</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	30,000	24,000	(6,000)
RIGHT-OF-WAY RENTALS	2,400	2,400	
PUBLIC INFORMATION	2,400	2,400	
DUES AND MEMBERSHIPS	720	720	
PUBLICATIONS AND BOOKS	360	240	(120)
SMALL TOOLS EXPENSE	3,000	2,400	(600)
TRACTORS AND EQUIPMENT	30,000	30,000	
UNIFORMS AND LAUNDRY	4,200	4,200	
PROCESS/SPECIAL OPERATING	600	600	
BAD DEBT EXPENSE	2,400	2,400	
GAUGING/MONITORING	38,400	38,400	
TRAINING EXPENSES	1,800	400	(1,400)
SAFETY & EMERG. EXPENSES	4,320	4,320	
SECURITY EXPENSE	2,760	2,760	
POWER AND UTILITIES	3,600	3,600	
PUMP STATION POWER/UTILIT	32,292	32,292	
CHLORINE	480	600	120
LAB SUPPLIES & EXPENSES	480	600	120
PROFESSIONAL FEES	1,800	1,800	
CONTRACT LABOR	4,200	3,600	(600)
WATERMASTER PAYMENT	33,690	33,690	
COMMUNICATIONS	6,360	6,360	
OFFICE SUPPLIES & EXPENSES	2,400	2,400	
COMPUTER SUPPLIES & SERVICE	2,400	2,400	
BANK SERVICE FEES	400	200	(200)
INSURANCE EXPENSE	45,000	45,000	
MISCELLANEOUS EXPENSES	4,560	4,560	
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>261,022</b>	<b>252,342</b>	<b>(8,680)</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	98,404	101,689	3,285
MATERIAL	40,080	40,320	240
SERVICES	65,520	57,000	(8,520)
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>204,004</b>	<b>199,009</b>	<b>(4,995)</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>848,042</b>	<b>845,784</b>	<b>(2,258)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**043 - CALHOUN CANAL**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	112,792	116,245	3,453
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>112,792</b>	<b>116,245</b>	<b>3,453</b>
<b>WATER PURCHASES/DELIVERY:</b>			
UNION CARBIDE PUMPING	317,000	320,000	3,000
<b>Total WATER PURCHASES/DELIVERY</b>	<b>317,000</b>	<b>320,000</b>	<b>3,000</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>1,277,834</b>	<b>1,282,029</b>	<b>4,195</b>
<b>NET OPERATING INCOME</b>	<b>81,299</b>	<b>41,231</b>	<b>(40,068)</b>



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**043 - CALHOUN CANAL**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	1,359,133	1,323,260	(35,873)
OPERATING EXPENSES	(1,277,834)	(1,282,029)	(4,195)
<b>NET OPERATING INCOME</b>	<b>81,299</b>	<b>41,231</b>	<b>(40,068)</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON NOW ACCTS	240	60	(180)
<b>Total INTEREST INCOME</b>	<b>240</b>	<b>60</b>	<b>(180)</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>240</b>	<b>60</b>	<b>(180)</b>
<b>CHANGE IN NET ASSETS</b>	<b>81,539</b>	<b>41,291</b>	<b>(40,248)</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
<b>TOTAL FUNDS AVAILABLE</b>	<b>81,539</b>	<b>41,291</b>	<b>(40,248)</b>
<b>PURCHASES OF FIXED ASSETS</b>			
AUTO & HEAVY EQUIPMENT	61,000	7,000	(54,000)
MISCELLANEOUS EQUIPMENT		17,000	17,000
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>61,000</b>	<b>24,000</b>	<b>(37,000)</b>
<b>WORK IN PROGRESS</b>			
WIP-OPERATING	7,200	13,000	5,800
<b>Total WORK IN PROGRESS</b>	<b>7,200</b>	<b>13,000</b>	<b>5,800</b>
<b>DEBT SERVICE</b>			
<b>TOTAL FUNDS APPLIED</b>	<b>68,200</b>	<b>37,000</b>	<b>(31,200)</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>13,339</b>	<b>4,291</b>	<b>(9,048)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**043 - CALHOUN CANAL**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	10,367	9,433	(935)
STA- CLERICAL	11,035	10,749	(286)
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>21,402</b>	<b>20,182</b>	<b>(1,221)</b>
<b>SUPERVISION:</b>			
SUPERVISION	49,689	51,459	1,770
<b>Total SUPERVISION</b>	<b>49,689</b>	<b>51,459</b>	<b>1,770</b>
<b>OPERATING LABOR:</b>			
CLERICAL	485	505	19
REG- OPERATING LABOR	129,291	135,337	6,046
CLR- OPERATING LABOR	19,649	20,398	749
REG- CHLORIDE SAMPLES LABOR	5,113	5,541	427
OVT- OPERATING LABOR	17,760	17,149	(611)
<b>Total OPERATING LABOR</b>	<b>172,299</b>	<b>178,929</b>	<b>6,630</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	90,074	94,172	4,097
<b>Total M&amp;R-LABOR</b>	<b>90,074</b>	<b>94,172</b>	<b>4,097</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER	8,329	7,517	(812)
<b>Total M&amp;R-OVERTIME</b>	<b>8,329</b>	<b>7,517</b>	<b>(812)</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>98,404</b>	<b>101,689</b>	<b>3,285</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>	<b>341,794</b>	<b>352,258</b>	<b>10,464</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**043 - CALHOUN CANAL**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	90,074	94,172	4,097
OVT/LBR- OTHER	8,329	7,517	(812)
<b>Total LABOR</b>	<b>98,404</b>	<b>101,689</b>	<b>3,285</b>
<b>MATERIAL:</b>			
M&R/MAT- CANAL METERS	480	480	
M&R/MAT- CANAL CHECKS	6,000	4,800	(1,200)
M&R/MAT- WATER GATES	9,600	10,560	960
M&R/MAT- FENCES & GATES	1,800	1,800	
M&R/MAT- CANAL CROSSINGS	3,600	3,600	
M&R/MAT- BRUSH,WEED CNTRL	4,800	4,800	
M&R/MAT- OFFICE & BUILDING	600	840	240
M&R/MAT- RLF. BLD/GROUNDS	720	720	
M&R/MAT- RLF. INST.& ELEC	1,800	1,800	
M&R/MAT- RLF. PUMPS & MTRS	480	600	120
M&R/MAT- RLF. CL2 EQUIP	480	1,200	720
M&R/MAT- RLF. FENCES & GTS		1,200	1,200
M&R/MAT- RLF. VALVES	1,200		(1,200)
M&R/MAT- S.C. PIPELINE	600	600	
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	480	
M&R/MAT- UNIT 52	480	480	
M&R/MAT- FLATBED TRAILER	480	600	120
M&R/MAT- CASE BACKHOE	1,200	1,200	
M&R/MAT- ALL TERRAIN VHCL	480	600	120
M&R/MAT- KUBOTA TRACTOR #1	480		(480)
M&R/MAT-SPRAYERS	960	720	(240)
M&R/MAT- BIG TRACTOR	360	240	(120)
M&R/MAT- SCHREDDERS	720	720	
M&R/MAT- OTHER	720	720	
<b>Total MATERIAL</b>	<b>40,080</b>	<b>40,320</b>	<b>240</b>
<b>SERVICES:</b>			
M&R/SER- MOW CANALS	1,200	1,200	
M&R/SER- CANAL CHECKS	3,600	3,600	
M&R/SER- CANAL LEVEES	9,600	8,400	(1,200)
M&R/SER- FENCES & GATES	1,800	1,800	
M&R/SER- CANAL CROSSINGS	3,600	3,600	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**043 - CALHOUN CANAL**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
M&R/SER- BRUSH,WEED CNTRL	18,000	14,400	(3,600)
M&R/SER- RADIO EQUIPMENT	600	720	120
M&R/SER- PLWTP METERS	1,200	1,200	
M&R/SER- OFFICE &BUILDING	1,800	2,400	600
M&R/SER- RLF.BLD./GROUNDS	480	480	
M&R/SER- RLF.INST. & ELEC	480	480	
M&R/SER- RLF. PUMPS &MTRS	1,200	1,800	600
M&R/SER- INEOS N.G.L. PIPELINE	720	600	(120)
M&R/SER- RLF. ROADS &BRID	480	480	
M&R/SER- RLF. FENCES &GTS	480		(480)
M&R/SER- S.C. INSTRUMNTN	600	600	
M&R/SER- SCADA EQUIPMENT	1,200	1,200	
M&R/SER- HEADQTRS GROUNDS	840	840	
M&R/SER- SHOP BLDG/POLE BA	4,800	3,600	(1,200)
M&R/SER- SM EQUIP & TOOLS	600	600	
M&R/SER- BRIDGES	480	480	
M&R/SER- UNIT 49	240	240	
M&R/SER- UNIT 50	1,200	240	(960)
M&R/SER- UNIT 51	480	480	
M&R/SER- UNIT 52	480	480	
M&R/SER- UNIT 53	1,800	1,800	
M&R/SER- FLATBED TRAILER	480	600	120
M&R/SER- CASE BACKHOE	3,000	3,000	
M&R/SER- ALL TERRAIN VHCL	480	600	120
M&R/SER- KUBOTA TRACTOR #1	480		(480)
M&R/SER- BIG TRACTOR	2,400	360	(2,040)
M&R/SER- OTHER	720	720	
<b>Total SERVICES</b>	<b>65,520</b>	<b>57,000</b>	<b>(8,520)</b>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>204,004</b>	<b>199,009</b>	<b>(4,995)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**043 - CALHOUN CANAL**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>WIP - OPERATING</b>			
REHAB RELIFT ROOF-SERVICE		8,000	8,000
<b>Total</b>		<b>8,000</b>	<b>8,000</b>
 HENKE CROSSING-SERVICE	7,200		(7,200)
<b>Total</b>	<b>7,200</b>		<b>(7,200)</b>
 CANAL BRIDGE CROSSING-MATL		5,000	5,000
<b>Total</b>		<b>5,000</b>	<b>5,000</b>
 <b>TOTAL WIP - OPERATING</b>	<b>7,200</b>	<b>13,000</b>	<b>5,800</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORK PLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**CALHOUN CANAL**

**FY 2016  
BUDGET**

**AUTO & HEAVY EQUIPMENT**

REPLACEMENT RIDING MOWER	7,000
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<b>Total AUTO &amp; HEAVY EQUIPMENT</b>	<b>7,000</b>
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**MISCELLANEOUS EQUIPMENT**

REPLACEMENT SHREDDER	17,000
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<b>Total MISCELLANEOUS EQUIPMENT</b>	<b>17,000</b>
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<b>TOTAL CAPITAL ADDITIONS</b>	<b>24,000</b>
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# **Water Resource Division**

## **San Marcos Water Treatment Plant**

### **Operating Plan for Fiscal Year Ending 8/31/16**

#### **BACKGROUND**

The Guadalupe-Blanco River Authority entered into a ten-year agreement with the City of San Marcos in December 2005 to operate the surface water and ground water production facilities for the City. The surface water treatment plant is located between State Highways 21 and 80 on the east side of San Marcos. Raw water for the plant is supplied from Canyon Reservoir. GBRA owns and operates the 23-mile pipeline that delivers water from Lake Dunlap, downstream of Canyon Dam.

The ground water system consists of six wells that provide the City with water from the Edwards Aquifer and six booster pump stations. The wells supply water to those areas of the City not served by the surface water treatment plant and supplements the surface water supply during times when the plant capacity is not adequate to meet City demand. GBRA is responsible for the operations and maintenance of the booster stations and chemical feed systems associated with the ground water system. The City continues to maintain the wells, control systems, and water distribution system.

The nominal rating of the surface water treatment plant is 21 million gallons per day and is operated to produce the base water requirements for the City. In addition to supplying San Marcos its water needs, GBRA has contracted with and is supplying other water customers from the plant by way of the IH 35 transmission pipeline and pump station that was completed during mid-2006. Customers of the IH 35 Treated Water Delivery System are the Cities of Kyle and Buda, Monarch Water Supply, Sunfield Municipal Utilities District, and the GoForth Special Utility District. GBRA expanded the capacity of the treatment plant from 9 to 21 million gallons per day to serve customers of the I-35 pipeline. 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 transmission main, operating and maintaining the plant, and monitoring treated water quality to ensure it meets contractual requirements. Specialized instrumentation and electrical maintenance labor is supplied through interdivisional transfers of personnel, and predictive maintenance of equipment is contracted with outside vendors.

#### **REVENUE SOURCES AND TRENDS**

This operating budget includes an annual service fee of \$939,153 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 2016, these pass through reimbursements are projected to total \$881,115. Revenue from other water customers is estimated to be \$590,546.



### **CAPITAL ADDITIONS AND OPERATING EXPENDITURES**

The total operating costs budgeted for FY 2016 is \$1,883,928. Significant costs within that budget include electrical power at \$488,710, chemicals at \$291,612, personnel costs at \$555,183, and administrative expenses at \$129,695. Power and chemical costs are based on a daily average flow of 11.68 MGD at the Plant, and 1.6 MGD at the Wells.

### **FUND BALANCE**

The budgeted net change in fund shows a positive \$114 for FY 2016, however this budget required \$31,500 to be withdrawn from previously accumulated funds and therefore the fund balance decrease is \$31,386.

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**044 - SAN MARCOS WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WATER SALES &amp; LAKE OPERATIONS:</b>			
ANNUAL SERVICE FEE INCOME	921,096	939,153	18,057
SMWTP CHARGES-KYLE	305,578	318,930	13,352
SMWTP CHARGES-GOFORTH WSC	83,950	105,142	21,192
SMWTP CHARGES-CITY OF BUDA	83,950	87,618	3,668
SMWTP CHARGES-MONARCH WSC	75,555	78,856	3,301
CONTRA-SMWTP CHARGES	(505,956)	(541,072)	(35,116)
<b>Total WATER SALES &amp; LAKE OPERATIONS</b>	<b>964,173</b>	<b>988,627</b>	<b>24,454</b>
<b>MISCELLANEOUS INCOME:</b>			
PASS THROUGH ELEC. COSTS	300,000	379,524	79,524
SM GRNDWTR PASS THRU ELEC COST	83,993	109,186	25,193
PASS THROUGH CHEM COSTS	231,135	274,376	43,241
SM GRNDWTR PASS THRU CHEM COST	15,500	17,236	1,736
PASS THROUGH INSURANCE	41,400	41,400	
PASS THROUGH L.O.C	16,607	9,393	(7,214)
PASS THROUGH INSPECTION FEES	50,000	50,000	
MISCELLANEOUS REVENUES		269,270	269,270
<b>Total MISCELLANEOUS INCOME</b>	<b>738,635</b>	<b>1,150,385</b>	<b>411,750</b>
<b>TOTAL OPERATING REVENUES</b>	<b>1,702,808</b>	<b>2,139,012</b>	<b>436,204</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	20,217	21,457	1,240
SUPERVISION	82,830	86,385	3,555
LABOR	197,568	217,486	19,918
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>300,614</b>	<b>325,327</b>	<b>24,713</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	3,000	3,000	
EMPLOYEE BENEFITS	146,958	159,170	12,212
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>149,958</b>	<b>162,170</b>	<b>12,212</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	5,500	8,500	3,000
PUBLIC INFORMATION	650	650	
DUES AND MEMBERSHIPS	1,000	1,000	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**044 - SAN MARCOS WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
PUBLICATIONS AND BOOKS	600	600	
SMALL TOOLS EXPENSE	1,600	1,600	
TRACTORS AND EQUIPMENT	1,000	1,000	
UNIFORMS AND LAUNDRY	3,285	3,285	
PROCESS/SPECIAL OPERATING	10,000	13,500	3,500
BIOSOLIDS DISPOSAL COSTS	15,000	30,000	15,000
TRAINING EXPENSES	4,000	4,000	
SAFETY & EMERG. EXPENSES	1,500	1,500	
POWER AND UTILITIES	300,000	379,524	79,524
SM GROUNDWATER POWER/UTILITIES	83,993	109,186	25,193
OPERATING CHEMICALS	10,000	10,000	
CHLORINE	31,000	37,644	6,644
CHLORINE SM GROUNDWATER	14,000	15,736	1,736
FLOURIDE SM GROUNDWATER	1,500	1,500	
ALUM/FERRIC	115,351	129,655	14,304
POLYMER A		8,767	8,767
FLUOSILICIC ACID	31,584	39,902	8,318
FERROUS CHLORIDE	1,200	1,200	
SODIUM CHLORITE	42,000	47,208	5,208
LAB SUPPLIES & EXPENSES	10,000	13,500	3,500
PROFESSIONAL FEES	7,080	7,000	(80)
INSPECTION FEES	50,000	50,000	
COMMUNICATIONS	4,440	4,440	
OFFICE SUPPLIES & EXPENSES	2,940	2,940	
COMPUTER SUPPLIES & SERVICE	3,900	3,900	
SM LETTER OF CREDIT	16,607	9,393	(7,214)
INSURANCE EXPENSE	41,400	41,400	
MISCELLANEOUS EXPENSES	2,000	2,000	
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>813,130</b>	<b>980,530</b>	<b>167,400</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	62,245	67,686	5,441
MATERIAL	99,496	99,496	
SERVICES	117,024	119,024	2,000
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>278,765</b>	<b>286,206</b>	<b>7,441</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>1,542,467</b>	<b>1,754,233</b>	<b>211,767</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	119,743	129,695	9,951

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**044 - SAN MARCOS WTP**

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
Total ADMINISTRATIVE & GENERAL	119,743	129,695	9,951
TOTAL OPERATING EXPENSES	1,662,210	1,883,928	221,718
NET OPERATING INCOME	40,598	255,084	214,486

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**044 - SAN MARCOS WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	1,702,808	2,139,012	436,204
OPERATING EXPENSES	(1,662,210)	(1,883,928)	(221,718)
<b>NET OPERATING INCOME</b>	<b>40,598</b>	<b>255,084</b>	<b>214,486</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON SAN MARCOS OPR FUND	6,000	7,800	1,800
<b>Total INTEREST INCOME</b>	<b>6,000</b>	<b>7,800</b>	<b>1,800</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>6,000</b>	<b>7,800</b>	<b>1,800</b>
<b>CHANGE IN NET ASSETS</b>	<b>46,598</b>	<b>262,884</b>	<b>216,286</b>
<b>CHANGE IN RESTRICTED FUNDS</b>		<b>31,500</b>	<b>31,500</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
<b>TOTAL FUNDS AVAILABLE</b>	<b>46,598</b>	<b>294,384</b>	<b>247,786</b>
<b>PURCHASES OF FIXED ASSETS</b>			
AUTO & HEAVY EQUIPMENT		25,000	25,000
<b>Total PURCHASES OF FIXED ASSETS</b>		<b>25,000</b>	<b>25,000</b>
<b>WORK IN PROGRESS</b>			
WIP-OPERATING		269,270	269,270
<b>Total WORK IN PROGRESS</b>		<b>269,270</b>	<b>269,270</b>
<b>DEBT SERVICE</b>			
<b>TOTAL FUNDS APPLIED</b>		<b>294,270</b>	<b>294,270</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>46,598</b>	<b>114</b>	<b>(46,484)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**044 - SAN MARCOS WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	9,575	9,646	70
STA- CLERICAL	10,641	11,811	1,170
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>20,217</b>	<b>21,457</b>	<b>1,240</b>
<b>SUPERVISION:</b>			
SUPERVISION	50,165	52,281	2,116
SUP- SAFETY & TRAINING	1,382	1,437	55
SUP- GROUND WATER SYSTEM	31,282	32,666	1,384
<b>Total SUPERVISION</b>	<b>82,830</b>	<b>86,385</b>	<b>3,555</b>
<b>OPERATING LABOR:</b>			
CLERICAL	639	664	25
REG- OPERATING LABOR	115,140	127,811	12,672
REG- MISC LABOR	407	406	(1)
REG- SAFETY & TRAINING	5,310	5,319	9
REG- GROUND WATER SYSTEM	33,543	36,159	2,616
OVT- OPERATING LABOR	27,153	30,265	3,111
OVT- SAFETY & TRAINING LBR	6,286	6,883	596
REG- WORKING HOLIDAY LABOR	7,697	8,532	835
REG- WORK.HOL. LBR-GRND WATER	1,393	1,447	54
<b>Total OPERATING LABOR</b>	<b>197,568</b>	<b>217,486</b>	<b>19,918</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- GROUND WATER SYSTEM	11,163	11,985	821
REG/LBR- OTHER	46,881	51,086	4,205
<b>Total M&amp;R-LABOR</b>	<b>58,045</b>	<b>63,071</b>	<b>5,026</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- GROUND WATER SYSTEM	496	530	34
OVT/LBR- OTHER	3,704	4,085	381
<b>Total M&amp;R-OVERTIME</b>	<b>4,200</b>	<b>4,615</b>	<b>415</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>62,245</b>	<b>67,686</b>	<b>5,441</b>
<b>WORK IN PROGRESS</b>			

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**044 - SAN MARCOS WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>	<b>362,859</b>	<b>393,013</b>	<b>30,154</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**044 - SAN MARCOS WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- GROUND WATER SYSTEM	11,163	11,985	821
REG/LBR- OTHER	46,881	51,086	4,205
OVT/LBR- GROUND WATER SYSTEM	496	530	34
OVT/LBR- OTHER	3,704	4,085	381
<b>Total LABOR</b>	<b>62,245</b>	<b>67,686</b>	<b>5,441</b>
<b>MATERIAL:</b>			
M&R/MAT- GROUNDS	720	720	
M&R/MAT- BUILDING	1,200	1,200	
M&R/MAT- CHEMICAL FEED SY	3,600	3,600	
M&R/MAT- CLARIFIER	1,200	1,200	
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	2,000	
M&R/MAT- TRUCK	1,000	1,000	
M&R/MAT- TOOLS & EQUIP.	420	420	
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	
<b>Total MATERIAL</b>	<b>99,496</b>	<b>99,496</b>	
<b>SERVICES:</b>			
M&R/SER- GROUNDS	30,000	32,000	2,000
M&R/SER- BUILDING	1,200	1,200	
M&R/SER- CHEMICAL FEED SY	1,200	1,200	
M&R/SER- CLARIFIER	1,580	1,580	
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	2,820	
M&R/SER- COMPRESS.AIR SYS.	2,000	2,000	
M&R/SER- TRUCK	860	860	
M&R/SER- TOOLS & EQUIP.	1,000	1,000	



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**044 - SAN MARCOS WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
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	
<b>Total SERVICES</b>	<b>117,024</b>	<b>119,024</b>	<b>2,000</b>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>278,765</b>	<b>286,206</b>	<b>7,441</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**044 - SAN MARCOS WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>WIP - OPERATING</b>			
AUTOMATIC TRANSFER SWITCH-SERV		93,655	93,655
AUTOMATIC TRANSFER SWITCH-MATL		175,615	175,615
<b>Total</b>		<b>269,270</b>	<b>269,270</b>
<b>TOTAL WIP - OPERATING</b>		<b>269,270</b>	<b>269,270</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORK PLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**SAN MARCOS WTP**

	<b>FY 2016 BUDGET</b>
<b>AUTO &amp; HEAVY EQUIPMENT</b>	
TRUCK	25,000
<b>Total AUTO &amp; HEAVY EQUIPMENT</b>	<b>25,000</b>
<b>TOTAL CAPITAL ADDITIONS</b>	<b>25,000</b>

# **Water Resource Division**

## **Buda Wastewater Treatment Plant System**

### **Operating Plan for Fiscal Year Ending 8/31/16**

#### **BACKGROUND**

The following Work Plan and Budget for the Buda Wastewater Treatment Plant is based on the treatment of an average sewage flow of 392.4 million gallons per year or 1.08 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 2016 budget is based upon a 12-month fiscal year ending August 31, 2016. Since the City funded the 2007 and 2011 expansion projects, no debt service is included in this budget.

The budget is based on total estimated annual wastewater to be treated of 392,400,000 gallons. The budgeted FY 2016 revenue for the Buda Division is \$608,378 which is \$33,294 or 5.8% more than last year's budget. This revenue increase is a direct reflection of increased plant operating costs as delineated below.

#### **CAPITAL ADDITIONS AND OPERATING EXPENDITURES**

The total operating expenditure budget for FY 2016 amounts to \$608,378 or 11.6% more than FY 2015. Major expenses include power and utility costs of \$112,000, biosolids disposal costs of \$65,000, and chemical costs of \$78,400. Also, lab supplies and expenses are estimated at \$30,000. On these various operating expenditures, biosolids disposal costs have increased the most year-over-year. GBRA is estimating that biosolids disposal costs will increase \$17,000 or 35% in FY 2016 due to cost increases GBRA is already experiencing in FY 2015.

The budget assumes that the City of Buda will be completely responsible for property insurance and the risks associated with such coverage. GBRA has included \$7,200 for insurance costs related to casualty risks such as workman's compensation as well as general and auto liability. The budget also 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 2016 is \$12.

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**045 - BUDA WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WASTEWATER SERVICES:</b>			
PLANT O & M EXPENSES	510,660	569,792	59,133
ADMINISTRATIVE & GENERAL	34,424	38,585	4,162
ADDS. TO PLANT AND EQUIP.	30,000		(30,000)
<b>Total WASTEWATER SERVICES</b>	<b>575,083</b>	<b>608,378</b>	<b>33,294</b>
<b>TOTAL OPERATING REVENUES</b>	<b>575,083</b>	<b>608,378</b>	<b>33,294</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	5,188	6,123	935
SUPERVISION	18,291	17,824	(467)
LABOR	39,157	49,527	10,369
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>62,636</b>	<b>73,474</b>	<b>10,838</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	1,000	1,000	
EMPLOYEE BENEFITS	42,247	47,355	5,108
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>43,247</b>	<b>48,355</b>	<b>5,108</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	6,000	7,000	1,000
DUES AND MEMBERSHIPS	120	160	40
PUBLICATIONS AND BOOKS	120	120	
SMALL TOOLS EXPENSE	600	600	
TRACTORS AND EQUIPMENT	1,200	600	(600)
UNIFORMS AND LAUNDRY	1,500	1,500	
BIOSOLIDS DISPOSAL COSTS	48,000	65,000	17,000
TRAINING EXPENSES	1,080	1,200	120
SAFETY & EMERG. EXPENSES	2,500	2,500	
POWER AND UTILITIES	110,000	112,000	2,000
AUXILLARY POWER EXPENSE	1,800	1,800	
OPERATING CHEMICALS	240	2,100	1,860
CHLORINE	7,020	7,500	480
ALUM	32,000	40,000	8,000
POLYMER	9,000	12,000	3,000
SODIUM BISULFATE	16,800	16,800	
LAB SUPPLIES & EXPENSES	30,000	30,000	
PROFESSIONAL FEES	5,100	5,100	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**045 - BUDA WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
INSPECTION FEES	8,400	8,400	
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	
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>299,780</b>	<b>332,680</b>	<b>32,900</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	41,677	43,452	1,775
MATERIAL	30,750	38,890	8,140
SERVICES	32,570	32,942	372
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>104,997</b>	<b>115,284</b>	<b>10,287</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>510,660</b>	<b>569,792</b>	<b>59,133</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	34,423	38,585	4,162
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>34,423</b>	<b>38,585</b>	<b>4,162</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>545,083</b>	<b>608,378</b>	<b>63,295</b>
<b>NET OPERATING INCOME</b>	<b>30,000</b>	<b>()</b>	<b>(30,000)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**045 - BUDA WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	575,083	608,378	33,294
OPERATING EXPENSES	(545,083)	(608,378)	(63,295)
<b>NET OPERATING INCOME</b>	<b>30,000</b>	<b>()</b>	<b>(30,000)</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON OPERATING FUNDS	12	12	
<b>Total INTEREST INCOME</b>	<b>12</b>	<b>12</b>	
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>12</b>	<b>12</b>	
<b>CHANGE IN NET ASSETS</b>	<b>30,012</b>	<b>12</b>	<b>(30,000)</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
<b>TOTAL FUNDS AVAILABLE</b>	<b>30,012</b>	<b>12</b>	<b>(30,000)</b>
<b>PURCHASES OF FIXED ASSETS</b>			
AUTO & HEAVY EQUIPMENT	30,000		(30,000)
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>30,000</b>		<b>(30,000)</b>
<b>WORK IN PROGRESS</b>			
<b>DEBT SERVICE</b>			
<b>TOTAL FUNDS APPLIED</b>	<b>30,000</b>		<b>(30,000)</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>12</b>	<b>12</b>	<b>()</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**045 - BUDA WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA - SUPERVISION	2,649	2,671	22
STA - CLERICAL	2,539	3,452	913
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>5,188</b>	<b>6,123</b>	<b>935</b>
<b>SUPERVISION:</b>			
SUPERVISION	18,291	17,824	(467)
<b>Total SUPERVISION</b>	<b>18,291</b>	<b>17,824</b>	<b>(467)</b>
<b>OPERATING LABOR:</b>			
CLERICAL	639	664	25
REG- OPERATING LABOR	31,415	38,585	7,169
REG- MISC LABOR		945	945
REG- SAFETY & TRAINING	969	1,280	311
OVT- OPERATING LABOR	4,647	6,345	1,698
REG- WORKING HOLIDAY LABOR	1,487	1,708	221
<b>Total OPERATING LABOR</b>	<b>39,157</b>	<b>49,527</b>	<b>10,369</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	41,677	43,452	1,775
<b>Total M&amp;R-LABOR</b>	<b>41,677</b>	<b>43,452</b>	<b>1,775</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>41,677</b>	<b>43,452</b>	<b>1,775</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>	<b>104,313</b>	<b>116,926</b>	<b>12,613</b>



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**045 - BUDA WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	41,677	43,452	1,775
<b>Total LABOR</b>	<b>41,677</b>	<b>43,452</b>	<b>1,775</b>
<b>MATERIAL:</b>			
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	680	1,000	320
M&R/MAT- INSTRUMENTS/ELECTRICA	1,200	5,000	3,800
M&R/MAT- DIGESTERS	240	240	
M&R/MAT- THICKENER	240	240	
M&R/MAT- AERATION BASINS	480	480	
M&R/MAT- CLARIFIERS	480	3,000	2,520
M&R/MAT- CHEM FEED SYSTEMS	960	3,000	2,040
M&R/MAT- BIOSOLIDS HANDLING	480	480	
M&R/MAT- NON POT WTR SYSTEM	1,500	960	(540)
M&R/MAT- GROUNDSKEEPING	360	360	
M&R/MAT- TRUCKS	600	600	
M&R/MAT- MOTORS	2,500	2,500	
M&R/MAT- BUILDING	1,200	1,200	
M&R/MAT- TOOLS & EQUIP.	6,000	6,000	
M&R/MAT- TRACTORS	240	240	
M&R/MAT- FILTERS	960	960	
M&R/MAT- AUX GENERATOR	300	300	
M&R/MAT- OTHER	480	480	
<b>Total MATERIAL</b>	<b>30,750</b>	<b>38,890</b>	<b>8,140</b>
<b>SERVICES:</b>			
M&R/SER- PUMPS	3,000	3,000	
M&R/SER- RAW STRUCTURE	1,200	1,200	
M&R/SER- METERS	720	720	
M&R/SER- GATES/VALVES	450	450	
M&R/SER- INSTRUMENTS/ELECTRICA	4,300	5,200	900
M&R/SER- DIGESTERS	1,900	1,900	
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	2,640	2,700	60
M&R/SER- BIOSOLIDS HANDLING	2,640	2,640	
M&R/SER- NON POT. WTR SYSTEM	960	960	
M&R/SER- GROUNDSKEEPING	120	120	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**045 - BUDA WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
M&R/SER- TRUCKS	600	600	
M&R/SER- MOTORS	3,000	3,000	
M&R/SER- BUILDING	120	120	
M&R/SER- TOOLS & EQUIP.	3,800	3,800	
M&R/SER- TRACTORS	1,500	240	(1,260)
M&R/SER- FILTERS	600	600	
M&R/SER- AUX GENERATOR	2,700	3,300	600
M&R/SER- GEN. OFFICE BLDG	360	432	72
M&R/SER- OTHER	480	480	
<b>Total SERVICES</b>	<b>32,570</b>	<b>32,942</b>	<b>372</b>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>104,997</b>	<b>115,284</b>	<b>10,287</b>



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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**  
**WATER RESOURCES DIVISION - WORKPLAN AND BUDGET**  
**FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WATER SALES &amp; LAKE OPERATIONS:</b>			
ANNUAL SERVICE FEE INCOME	1,779,122	1,835,231	56,109
WATER SALES-RURAL WATER	156,678	163,224	6,546
WATER SALES-CARBIDE	736,570	833,466	96,896
WATER SALES-INEOS NITRILES G.L	213,756	219,933	6,177
WATER SALES-ISP TECH,INC.	129,583	134,583	5,000
W/S GONZALES COUNTY WSC	45,354	47,104	1,750
WATER SALES-1ST CROP	240,500	104,000	(136,500)
WATER SALES-2ND CROP RICE	12,190	10,000	(2,190)
WATER SALES-OTHER	26,000	18,000	(8,000)
WATER SALES-SPRINKLER IRRIGAT	24,000	27,000	3,000
WATER SALES-SEADRIFT COKE	391,312	407,277	15,965
WATER SALES-CRAWFISH FARM	12,750	9,000	(3,750)
WATER SALES-PONDS & RIGS	32,926	29,596	(3,330)
WATER SALES-WATERFOWL WTR	273,775	289,881	16,106
WATER SALES-POC ID	17,368	16,178	(1,190)
WATER SALES-CATFISH FARM	51,681	53,651	1,970
W/S UNION CARBIDE	12,958	13,458	500
WATER SALES-EXELON	33,433	34,723	1,290
W/S STRUCTURAL METALS	90,708	94,208	3,500
W/S NEW BRAUNFELS UTIL.	1,259,550	1,308,150	48,600
W/S CRYSTAL CLEAR WSC	103,667	107,667	4,000
W/S GOLF CLUB OF SEGUIN	3,240	3,365	125
W/S CANYON REGIONAL W.A.	1,553,768	1,608,578	54,811
W/S CANYON LAKE W.S.C.	829,333	861,333	32,000
W/S CITY OF SAN MARCOS	1,295,833	1,345,833	50,000
W/S GUADALUPE POWER,L.P.	886,350	920,550	34,200
W/S CITY OF KYLE	705,322	732,537	27,215
W/S GO FORTH WSC	129,583	134,583	5,000
W/S CITY OF BUDA WTC	319,293	331,613	12,320
W/S CITY OF FAIR OAKS	239,729	248,979	9,250
W/S SAN ANTONIO WTR. SYS.	918,595	950,084	31,489
W/S CITY OF BOERNE	467,925	485,980	18,055
W/S GBRA - COMAL TRACE	6,479	6,729	250
W/S SAN JOSE-PARK VILLAGE	41,726	43,336	1,610
W/S JACQUELYN COUSER	12,958	13,458	500
W/S BREMER RANCH, LTD	12,958	13,458	500
W/S CITY OF BLANCO	77,750	80,750	3,000
W/S FORESIGHT	37,579	39,029	1,450
W/S CORDILLERA RANCH, LTD.	194,375	201,875	7,500
W/S KENDALL CUC/TAPATIO SPRGS	97,188	100,938	3,750
W/S CITY OF BUDA	217,700	226,100	8,400
W/S D.H.INV-JOHNSON RANCH	116,625	121,125	4,500
W/S GOFORTH WSC	176,622	192,993	16,370
W/S H H RANCH PROPERTIES	32,396	33,646	1,250

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
W/S SUNFIELD	365,684	370,373	4,689
W/S MONARCH UTILITIES, LP	72,567	75,367	2,800
W/S LERIN DEVELOPMENT CO. INC	97,188	100,938	3,750
SMWTP CHARGES-KYLE	305,578	318,930	13,352
SMWTP CHARGES-GOFORTH WSC	83,950	105,142	21,192
SMWTP CHARGES-CITY OF BUDA	83,950	87,618	3,668
SMWTP CHARGES-MONARCH WSC	75,555	78,856	3,301
O&M RRWDS PIPELINE TRANSM.	842,067	916,499	74,432
O&M GPP PIPELINE TRANSM.	475,433	478,234	2,801
O&M IH35 P/L TRNSM-KYLE	172,054	203,940	31,886
O&M IH35 P/L TRNSM-GOFORTH	47,268	67,232	19,964
O&M-IH35 TWDS-BUDA	47,268	56,028	8,760
O&M IH35 P/L TRNSM-MONARCH	42,540	50,424	7,884
W/S OTHER SMALL SALES	53,243	55,156	1,913
DEBT SERV REQ-INTEREST	165,295	166,066	771
DEBT SERV REQ-RRWDS PIPELINE	1,652,948	1,660,660	7,712
DEBT SERV REQ-WESTERN CANYON	5,320,693	5,322,716	2,023
DEBT SERV REQ-IH35	1,317,696	1,320,999	3,303
CONTRA-SMWTP CHARGES	(505,956)	(541,072)	(35,116)
<b>Total WATER SALES &amp; LAKE OPERATIONS</b>	<b>24,732,228</b>	<b>25,347,308</b>	<b>615,080</b>
<b>RECREATION &amp; LAND USE:</b>			
G. V. RECREATION REVENUE	28,000	28,000	
LAKEWOOD REC. REVENUE	113,300	117,309	4,009
<b>Total RECREATION &amp; LAND USE</b>	<b>141,300</b>	<b>145,309</b>	<b>4,009</b>
<b>WASTEWATER SERVICES:</b>			
PLANT O & M EXPENSES	510,660	569,792	59,133
ADMINISTRATIVE & GENERAL	34,424	38,585	4,162
ADDS. TO PLANT AND EQUIP.	30,000		(30,000)
<b>Total WASTEWATER SERVICES</b>	<b>575,083</b>	<b>608,378</b>	<b>33,294</b>
<b>LABORATORY SERVICES:</b>			
LAB FEES - OPERATING	870,000	890,000	20,000
<b>Total LABORATORY SERVICES</b>	<b>870,000</b>	<b>890,000</b>	<b>20,000</b>
<b>RENTALS:</b>			
BUILDING RENTAL	28,344	24,944	(3,400)
OFFICE EXPAN. BLDG RENTAL	230,460	191,920	(38,540)

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total RENTALS</b>	<b>258,804</b>	<b>216,864</b>	<b>(41,940)</b>
<b>MISCELLANEOUS INCOME:</b>			
PASS THROUGH ELEC. COSTS	300,000	379,524	79,524
SM GRNDWTR PASS THRU ELEC COST	83,993	109,186	25,193
PASS THROUGH CHEM COSTS	231,135	274,376	43,241
SM GRNDWTR PASS THRU CHEM COST	15,500	17,236	1,736
PASS THROUGH INSURANCE	41,400	41,400	
PASS THROUGH L.O.C	16,607	9,393	(7,214)
PASS THROUGH INSPECTION FEES	50,000	50,000	
MISCELLANEOUS REVENUES	46,000	315,270	269,270
<b>Total MISCELLANEOUS INCOME</b>	<b>784,635</b>	<b>1,196,385</b>	<b>411,750</b>
<b>TOTAL OPERATING REVENUES</b>	<b>27,362,050</b>	<b>28,404,243</b>	<b>1,042,193</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	1,132,644	1,220,638	87,994
SUPERVISION	1,079,133	1,262,430	183,297
LABOR	1,128,341	1,117,447	(10,894)
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>3,340,118</b>	<b>3,600,515</b>	<b>260,396</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	62,000	68,950	6,950
TRAVEL - WATER QUALITY	1,500	3,000	1,500
TRAVEL EXP - NWRA	12,000	15,000	3,000
TRAVEL EXP - TWCA	11,000	15,000	4,000
TRAVEL-SAMPLE PICKUP	2,500	1,500	(1,000)
EMPLOYEE BENEFITS	1,557,618	1,671,854	114,236
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>1,646,618</b>	<b>1,775,304</b>	<b>128,686</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	48,300	48,500	200
AUTO OPERATING EXPENSES	5,000	1,000	(4,000)
RIGHT-OF-WAY RENTALS	2,400	2,400	
OFFICE RENTAL & EXPENSES	25,000	25,000	
SAN ANTONIO BAY FOUNDATION EXP	75,000	75,000	
GUADALUPE RIVER FOUNDATION EXP	3,000	5,000	2,000
ECONOMIC DEVELOPMENT	60,000	70,000	10,000
GBR TRUST EXPENSE	74,000	74,000	
PUBLIC INFORMATION	6,550	6,550	
GOVERNMENT RELATIONS	20,000	5,000	(15,000)

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
CHAMBER OF COMMERCE	35,000	35,000	
PC-MEDIA EXPENSES	3,000	3,000	
PC-ED/CONSV PROJ.MATERIAL	40,000	30,000	(10,000)
PC-COMMUNITY REL/SPONSORS	15,000	15,000	
PC-SPECIAL PROJECTS	20,000	20,000	
PC-RIVER RUN MAGAZINE	20,000	20,000	
PC-PECAN FEST	7,500	7,500	
DUES AND MEMBERSHIPS	15,340	20,880	5,540
PUBLICATIONS AND BOOKS	3,080	3,060	(20)
SMALL TOOLS EXPENSE	5,450	4,850	(600)
TRACTORS AND EQUIPMENT	32,200	31,600	(600)
UNIFORMS AND LAUNDRY	14,185	14,185	
PROCESS/SPECIAL OPERATING	220,600	224,100	3,500
BIOSOLIDS DISPOSAL COSTS	63,000	95,000	32,000
OUTSOURCED LAB ANALYSES	60,000	50,000	(10,000)
BAD DEBT EXPENSE	2,700	2,700	
GAUGING/MONITORING	194,400	203,400	9,000
TRAINING EXPENSES	41,880	42,100	220
LAB EMPLOYEE RETENTION EXPENSE		1,000	1,000
SAFETY & EMERG. EXPENSES	9,820	11,320	1,500
SECURITY EXPENSE	10,260	8,760	(1,500)
POWER AND UTILITIES	434,640	516,624	81,984
PUMP STATION POWER/UTILIT	32,292	32,292	
POWER/UTIL-RRWDS PUMP STATION	450,000	530,000	80,000
POWER/UTIL-GPP PIPELINE	155,000	151,500	(3,500)
POWER/UTIL-IH35 PIPELINE	165,000	220,000	55,000
AUXILLARY POWER EXPENSE	1,800	1,800	
SM GROUNDWATER POWER/UTILITIES	83,993	109,186	25,193
OPERATING CHEMICALS	10,240	12,100	1,860
CHLORINE	38,500	45,744	7,244
CHLORINE SM GROUNDWATER	14,000	15,736	1,736
FLOURIDE SM GROUNDWATER	1,500	1,500	
ALUM	147,351	169,655	22,304
POLYMER	9,000	20,767	11,767
SODIUM BISULFATE	16,800	16,800	
FLUOSILICIC ACID	31,584	39,902	8,318
FERROUS CHLORIDE	1,200	1,200	
SODIUM CHLORITE	42,000	47,208	5,208
LAB SUPPLIES & EXPENSES	60,480	74,100	13,620
WATER CONDITIONING	5,000	6,800	1,800
FREIGHT EXPENSES	13,000	10,000	(3,000)
APPARATUS EXPENSES	5,000	6,000	1,000
CHEMICAL EXPENSES	110,000	115,000	5,000
GAS CYLINDERS EXPENSES	4,000	5,000	1,000
PT EXPENSES	6,400	5,500	(900)
HAZ. WASTE DISPOSAL EXPENSES	4,500	6,000	1,500
NELAP - ACCREDIATION FEES	4,500	3,000	(1,500)



**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
NELAP - PROFESSIONAL SERVICES	5,000	5,000	
PROFESSIONAL FEES	471,095	492,150	21,055
PROF. FEES-LEGIS. ADVOC.	138,000	135,300	(2,700)
PROF.FEES-PUBLIC COMMUNICATION	114,000	114,000	
CONTRACT LABOR	8,200	9,600	1,400
REGIONAL RWDS PROJECT EXPS.	55,500	49,490	(6,010)
MISC. PROJECT DEVELOPMENT	20,000	20,000	
MOBILE PRESS EXPS.		2,400	2,400
IH35 PIPELINE EXPS.	15,000	25,800	10,800
GPP PIPELINE EXPS.	18,300	18,900	600
G. V. RECREATION EXPS.	14,500	15,000	500
LAKEWOOD RECREATION EXPS.	74,876	79,115	4,239
COMAL CO. ALERT EXPS.	4,000	3,000	(1,000)
KENDALL CO. ALERT EXPS.	4,000	3,000	(1,000)
KERR CO. ALERT SYS. EXPS.	4,000	3,000	(1,000)
INSPECTION FEES	58,400	58,400	
SB. 818 ASSESSMENT	41,000	41,000	
WATERMASTER PAYMENT	168,690	153,690	(15,000)
COMMUNICATIONS	40,100	39,900	(200)
OFFICE SUPPLIES & EXPENSES	26,040	31,040	5,000
COMPUTER SUPPLIES & SERVICE	30,650	32,050	1,400
REPRODUCTION/DUPLICATING	17,500	17,000	(500)
COMPUTER-LIMS EXPENSE		5,000	5,000
BANK SERVICE FEES	10,400	10,700	300
SM LETTER OF CREDIT	16,607	9,393	(7,214)
INSURANCE EXPENSE	205,700	206,000	300
MISCELLANEOUS EXPENSES	16,160	19,160	3,000
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>4,558,163</b>	<b>4,918,407</b>	<b>360,244</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	505,851	527,522	21,670
MATERIAL	358,006	364,726	6,720
SERVICES	1,011,294	998,324	(12,970)
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>1,875,151</b>	<b>1,890,572</b>	<b>15,420</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>11,420,051</b>	<b>12,184,797</b>	<b>764,747</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	1,269,170	1,362,252	93,082

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>1,269,170</b>	<b>1,362,252</b>	<b>93,082</b>
<b>WATER PURCHASES/DELIVERY:</b>			
INTERDIVISION WATER PURCH	317,000	320,000	3,000
<b>Total WATER PURCHASES/DELIVERY</b>	<b>317,000</b>	<b>320,000</b>	<b>3,000</b>
<b>PROJECT WRITE OFFS TO OPR EXP</b>	<b>1,053,231</b>		<b>(1,053,231)</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>14,059,452</b>	<b>13,867,049</b>	<b>(192,403)</b>
<b>NET OPERATING INCOME</b>	<b>13,302,599</b>	<b>14,537,194</b>	<b>1,234,595</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	27,362,050	28,404,243	1,042,193
OPERATING EXPENSES	(14,059,452)	(13,867,049)	192,403
<b>NET OPERATING INCOME</b>	<b>13,302,599</b>	<b>14,537,194</b>	<b>1,234,595</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON OPERATING FUNDS	48,012	39,012	(9,000)
INT ON NOW ACCTS	1,020	660	(360)
INT: I&S FUND,SAN MARCOS BOND	600	300	(300)
INT: I&S FUND,OFFICE EXP BOND	300	120	(180)
INT: I&S FUND,WEST CANYON BOND	1,200	1,200	
INT: I&S FUND,IH 35 BONDS	300	240	(60)
INT: RESERVE FUND,IH35 BONDS	14,400	6,000	(8,400)
INT: W.CANYON RATE STABILIZ.	21,600	12,000	(9,600)
INT: MID-BASIN RESERVE (WIF)	360	480	120
INT: MID-BASIN I&S	48	48	
<b>Total INTEREST INCOME</b>	<b>87,840</b>	<b>60,060</b>	<b>(27,780)</b>
<b>CAPITAL CONTRIBUTIONS:</b>			
GOVERNMENT GRANTS & STATE FUND	450,000	3,786,000	3,336,000
CLEAN RIVERS PROGRAM FUNDS	135,378	135,378	
ENVIRONMENTAL PROGRAM FUNDS	477,648	477,648	
<b>Total CAPITAL CONTRIBUTIONS</b>	<b>1,063,026</b>	<b>4,399,026</b>	<b>3,336,000</b>
<b>INTEREST &amp; BANK FEES:</b>			
INT ON REVENUE BONDS	(79,212)	(73,476)	5,736
INT- 2011 REFUNDING BONDS	(346,285)	(332,135)	14,150
INTEREST ON SOHIO BONDS	(144,168)	(135,264)	8,904
INT- REG RWDS EXPAN-2007 BONDS	(798,780)	(783,732)	15,048
INT ON WTR RIGHTS LOAN	(32,040)	(30,732)	1,308
INT ON OFFICE EXPAN LOANS	(8,076)	(1,672)	6,404
INT ON MID BASIN PROJECT BONDS	(37,608)	(37,608)	
INT ON WSTRN CANYON BONDS	(2,694,909)	(2,625,499)	69,410
INT ON IH 35 BONDS	(651,651)	(640,486)	11,165
<b>Total INTEREST &amp; BANK FEES</b>	<b>(4,792,729)</b>	<b>(4,660,604)</b>	<b>132,125</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>(3,641,863)</b>	<b>(201,518)</b>	<b>3,440,345</b>
<b>CHANGE IN NET ASSETS</b>	<b>9,660,736</b>	<b>14,335,676</b>	<b>4,674,940</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>CHANGE IN RESTRICTED FUNDS</b>	<b>206,000</b>	<b>296,500</b>	<b>90,500</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
BANK LOANS		58,000	58,000
BANK LOAN-NEW EQUIP	240,000	405,000	165,000
<b>Total DEBT CAPITAL</b>	<b>240,000</b>	<b>463,000</b>	<b>223,000</b>
<b>TOTAL FUNDS AVAILABLE</b>	<b>10,106,736</b>	<b>15,095,176</b>	<b>4,988,440</b>
<b>PURCHASES OF FIXED ASSETS</b>			
SPECIALIZED OPER. EQUIPMENT	75,000	67,000	(8,000)
AUTO & HEAVY EQUIPMENT	358,000	82,000	(276,000)
OFFICE FURN & EQUIPMENT	3,000	38,143	35,143
MISCELLANEOUS EQUIPMENT		391,500	391,500
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>436,000</b>	<b>578,643</b>	<b>142,643</b>
<b>WORK IN PROGRESS</b>			
WIP-OPERATING	98,195	493,689	395,493
<b>Total WORK IN PROGRESS</b>	<b>98,195</b>	<b>493,689</b>	<b>395,493</b>
<b>CHANGE IN RESTRICTED FUNDS</b>	<b>1,011,781</b>	<b>996,158</b>	<b>(15,623)</b>
<b>PROJECT DEVELOPMENT</b>	<b>3,989,959</b>	<b>8,402,311</b>	<b>4,412,352</b>
<b>DEBT SERVICE</b>			
BONDS PAID	4,095,009	4,227,077	132,068
LOANS PAID	418,440	372,140	(46,300)
<b>Total DEBT SERVICE</b>	<b>4,513,449</b>	<b>4,599,217</b>	<b>85,768</b>
<b>TOTAL FUNDS APPLIED</b>	<b>10,049,385</b>	<b>15,070,018</b>	<b>5,020,634</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>57,351</b>	<b>25,158</b>	<b>(32,193)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA - SUPERVISION	695,683	783,929	88,245
STA - CLERICAL	141,523	141,047	(476)
STA/SUP- NWRA	19,238	19,815	577
STA/SUP- TWCA	19,238	19,815	577
STA/CLR- RRWDS PIPELINE	1,458		(1,458)
STA/SUP- GPP PIPELINE	486		(486)
STA/CLR- GV RECREATION	3,750	4,056	306
STA/SUP- IH35 PIPELINE	480	384	(96)
STA/SUP- GBR TRUST	10,677	6,745	(3,932)
STA/CLR- GBR TRUST	1,830	2,013	183
STA/SUP-SA BAY FOUNDATION	4,289	1,236	(3,053)
STA/CLR-SA BAY FOUNDATION	4,165	4,971	806
STA/SUP-GUAD RIVER FOUNDATION	13,565	15,372	1,807
STA/CLR-GUAD RIVER FOUNDATION	1,781	2,037	256
STA/CLR- PUBLIC INFORM	102,641	107,294	4,652
STA/SUP- PUBLIC INFORM	108,215	108,979	763
OVT- STAFF PUBLIC INFORM	3,624	2,946	(678)
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>1,132,644</b>	<b>1,220,638</b>	<b>87,994</b>
<b>SUPERVISION:</b>			
SUPERVISION	715,051	894,722	179,671
SUP- ANALYTICAL	90,066	44,324	(45,743)
SUP- SUPPORT	32,937	56,015	23,078
SUP- RRWDS PIPELINE	4,062	4,210	148
SUP- GPP PIPELINE	5,301	5,485	184
SUP- GV RECREATION	4,493	4,654	162
SUP- SAFETY & TRAINING	12,832	15,838	3,006
SUP- LIMS SUPPORT		8,039	8,039
SUP- IH35 PIPELINE	686	714	27
SUP- GBR TRUST	78,005	84,624	6,619
SUP-SA BAY FOUNDATION	104,418	111,138	6,721
SUP- GROUND WATER SYSTEM	31,282	32,666	1,384
<b>Total SUPERVISION</b>	<b>1,079,133</b>	<b>1,262,430</b>	<b>183,297</b>
<b>OPERATING LABOR:</b>			
CLERICAL	230,038	176,053	(53,985)
REG- OPERATING LABOR	443,517	463,142	19,625
REG- MISC LABOR	134,333	121,776	(12,557)
CLR- OPERATING LABOR	30,672	30,458	(214)
REG- CHLORIDE SAMPLES LABOR	35,226	40,818	5,592
REG- LABORATORY LABOR	13,340	14,295	954
REG- LAKEWOOD REC LABOR	55,251	52,130	(3,122)
REG- SAFETY & TRAINING	11,684	26,434	14,750

**GUADALUPE-BLANCO RIVER AUTHORITY**  
**WATER RESOURCES DIVISION - WORKPLAN AND BUDGET**  
**FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
REG- IH35 PIPELINE LABOR	36,973	39,880	2,907
REG- LIMS SUPPORT		12,647	12,647
REG-SA BAY FOUNDATION	9,848	4,187	(5,661)
REG- GROUND WATER SYSTEM	33,543	36,159	2,616
OVT- OPERATING LABOR	55,970	59,880	3,910
OVT- WATER GATES	1,481	1,535	54
OVT- LABORATORY LABOR	1,481	1,535	54
OVT- LAKEWOOD REC	9,297	9,656	359
OVT- SAFETY & TRAINING LBR	6,286	6,883	596
REG- WORKING HOLIDAY LABOR	9,184	10,240	1,055
REG- WORKING HOL RRWDS PIPELIN	2,204	1,857	(347)
REG- WORKING HOL GPP PIPELINE	1,776	1,857	81
REG- WORKING HOL LAKEWOOD REC	4,415	4,580	165
REG- WORKING HOL IH35 PIPELINE	428		(428)
REG- WORK.HOL. LBR-GRND WATER	1,393	1,447	54
<b>Total OPERATING LABOR</b>	<b>1,128,341</b>	<b>1,117,447</b>	<b>(10,894)</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- RRWDS PIPELINE	61,190	63,397	2,208
REG/LBR- GPP PIPELINE	31,505	32,643	1,138
REG/LBR- G.V. RECREATION	26,725	27,557	832
REG/LBR- LAKEWOOD REC.	48,740	50,323	1,583
REG/LBR- IH35 PIPELINE	9,675	10,201	525
REG/LBR- GROUND WATER SYSTEM	11,163	11,985	821
REG/LBR- COMAL CO.RAIN TELEMET	13,939	14,492	554
REG/LBR- KENDAL CO.RAIN TELEMET	13,939	14,492	554
REG/LBR- KERR CO RAIN TELEMETR	13,939	14,492	554
REG/LBR- GUAD.CO.RAIN TELEMETR	13,939	14,492	554
REG/LBR- OTHER	228,417	240,945	12,528
<b>Total M&amp;R-LABOR</b>	<b>473,170</b>	<b>495,021</b>	<b>21,850</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- RRWDS PIPELINE	4,785	4,961	176
OVT/LBR- GPP PIPELINE	3,559	3,692	133
OVT/LBR- G.V. RECREATION	3,903	4,027	124
OVT/LBR- GROUND WATER SYSTEM	496	530	34
OVT/LBR- OTHER	19,937	19,290	(646)
<b>Total M&amp;R-OVERTIME</b>	<b>32,681</b>	<b>32,501</b>	<b>(180)</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>505,851</b>	<b>527,522</b>	<b>21,670</b>
<b>WORK IN PROGRESS</b>			

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>WIP-SUPERVISION:</b>			
H5 LOT RESTORATION-SUPERV	12,077	15,268	3,192
<b>Total WIP-SUPERVISION</b>	<b>12,077</b>	<b>15,268</b>	<b>3,192</b>
<b>Total WORK IN PROGRESS</b>	<b>12,077</b>	<b>15,268</b>	<b>3,192</b>
<b>PROJECT DEVELOPMENT</b>			
<b>PD-STAFF:</b>			
CRP-PUBLIC PART-STAFF	3,195		(3,195)
ENVIRONMENTAL LCUB-STAFF	21,660	19,978	(1,681)
319 RIVER NETWORK-STAFF	436	604	169
LOWER BASIN LITIGATION-STAFF	19,427	6,576	(12,851)
OUTDOOR LEARNING CNTR-STAFF		1,737	1,737
CRP QUALITY ASSURANCE-STAFF		1,413	1,413
CRP PUBLIC PARTICIPATION-STAFF	520	5,385	4,865
WATER ENERGY NEXUS PRJ-STAFF	23,694	63,374	39,680
LOWER BASIN PERMIT AMEND-STAFF	1,562	2,528	966
LOWER BASIN PROJ ADM-STAFF		31,200	31,200
CANYON GORGE PROJECT-STAFF	6,316	7,276	960
4S RANCH-STAFF	4,375		(4,375)
PARK VILLAGE-STAFF	4,375		(4,375)
UB LK MGMT&AQUATIC CNTL-STAFF		1,560	1,560
PLUM CREEK OUTREACH-STAFF	1,069	2,224	1,155
PLUM CREEK MONITORING-STAFF	639	1,339	701
FM 110 P/L RELOC-REIMB-STAFF		119,935	119,935
FM 110 P/L -NONREIMB-STAFF		15,600	15,600
FM-183 UTLY RELOCATE-STAFF		15,600	15,600
FM-725 UTLY RELOCATE-STAFF		15,600	15,600
MID-BASIN PROJECT-STA	2,140	25,928	23,788
GERONIMO CREEK WPP-STAFF	2,561	8,788	6,227
<b>Total PD-STAFF</b>	<b>91,968</b>	<b>346,645</b>	<b>254,678</b>
<b>PD-SUPERVISION &amp; LABOR:</b>			
CRP-PUBLIC PART-NON GEN EMPL	145		(145)
GBRA UNIVERSITY-NON GENERAL EM	3,090		(3,090)
ENVIRONMENTAL LCUB-NON GE	5,384	864	(4,520)
SB2 IN-STREAM FLOW-NON-GENERAL	7,942	5,210	(2,732)
LOWER BASIN LITIGAT-NON GEN	7,341	1,680	(5,661)
LOWER BASIN HERITAGE-NON-GENER	13,248		(13,248)
PC WATERSHED COORDINAT-NON GEN	5,764	10,603	4,839
PC GC ISOTOPE STUDY-NON GEN	5,764	10,603	4,839
REAL HOG FARM PROJ-NON GEN EMP	12,534	22,511	9,977
CRP PROJECT ADMIN-NON GEN EMPL	360	662	302
CRP QUALITY ASSURANCE-NON GEN	3,084	13,591	10,507

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
CRP MONITORING-NON GEN EMPL	8,534	16,660	8,127
CRP INFO CLEARINGHOUSE-NON GEN	1,222	1,974	752
CRP ISSUES & CAUSES-NON GEN EM	360	662	302
CRP PUBLIC PARTICIPATION-NON G	995	1,648	653
BULVERDE AREA WW-NON GEN EMP	9,107		(9,107)
LAKE MGMT ENHANCEMENT-NON-GENE	3,183	3,279	96
LAKE MGMT GOAT PROJECT-NON GEN	11,855	21,696	9,842
LB LK MGMT&AQUATIC CNTL-NON-GE	1,373	1,414	41
MISC PROJ DEV-NON GEN EMPL	19,341		(19,341)
GUAD/HAYS/CALD WW CCNS-NON-GEN	2,056	2,879	823
WATER ENERGY NEXUS PRJ-NON-GEN	41,340	35,603	(5,736)
MID-BASIN HDR-NON-GEN	1,389	745	(643)
MID-BASIN GRANT STDY-NON-GEN	33,420		(33,420)
WINFIELD-NON GEN EMP	3,183		(3,183)
LOWER BASIN PERM AM.-NON GEN E	10,604	10,921	318
LOWER BASIN PROJ AD-NON GEN EM		10,400	10,400
JOHNSON RCH WWTP RGLZ-NON GEN	17,970		(17,970)
WATER SUPPLY ALTERNATIVE-NON-G	9,788	6,721	(3,067)
4S RANCH-NON-GENERAL	2,056		(2,056)
PARK VILLAGE-NON-GENERAL	2,056		(2,056)
WATER & WW INV-NON GEN EMPL	6,525	7,225	700
UB LK MGMT&AQUATIC CNTL-NONGEN	11,506	11,795	289
PLUM CREEK MONITORING-NON GEN	28,404	54,477	26,073
PLUM CREEK PROJ ADM-NON GEN EM	1,394	1,450	56
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
TRI-COMMUNITY WSC- NON-GEN EMP	408		(408)
WATER CO ACQUISITIONS-NON GEN	12,330	12,755	425
INDUSTRIAL DEV PROJECT-NON-GEN	18,661	19,221	561
MID-BASIN PROJECT-NON-GEN EMPL	13,356	75,254	61,898
GERONIMO CREEK WPP-NON GEN EMP	29,531	52,620	23,090
<b>Total PD-SUPERVISION &amp; LABOR</b>	<b>366,600</b>	<b>463,289</b>	<b>96,689</b>
<b>Total PROJECT DEVELOPMENT</b>	<b>458,568</b>	<b>809,934</b>	<b>351,366</b>
<b>TOTAL SALARIES &amp; WAGES</b>	<b>4,316,614</b>	<b>4,953,239</b>	<b>636,625</b>



**GUADALUPE-BLANCO RIVER AUTHORITY**  
**WATER RESOURCES DIVISION - WORKPLAN AND BUDGET**  
**FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- RRWDS PIPELINE	61,190	63,397	2,208
REG/LBR- GPP PIPELINE	31,505	32,643	1,138
REG/LBR- G.V. RECREATION	26,725	27,557	832
REG/LBR- LAKEWOOD REC.	48,740	50,323	1,583
REG/LBR- IH35 PIPELINE	9,675	10,201	525
REG/LBR- GROUND WATER SYSTEM	11,163	11,985	821
REG/LBR- COMAL CO.RAIN TELEMET	13,939	14,492	554
REG/LBR- KENDAL CO.RAIN TELEMET	13,939	14,492	554
REG/LBR- KERR CO RAIN TELEMETR	13,939	14,492	554
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REG/LBR- OTHER	228,417	240,945	12,528
OVT/LBR- RRWDS PIPELINE	4,785	4,961	176
OVT/LBR- GPP PIPELINE	3,559	3,692	133
OVT/LBR- G.V. RECREATION	3,903	4,027	124
OVT/LBR- GROUND WATER SYSTEM	496	530	34
OVT/LBR- OTHER	19,937	19,290	(646)
<b>Total LABOR</b>	<b>505,851</b>	<b>527,522</b>	<b>21,670</b>
<b>MATERIAL:</b>			
M&R/MAT- PUMPS	18,720	13,220	(5,500)
M&R/MAT- RAW STRUCTURE	3,700	3,700	
M&R/MAT- METERS	5,650	5,650	
M&R/MAT- GATES/VALVES	3,080	3,400	320
M&R/MAT- INSTRUMENTS/ELECTRICA	36,036	39,836	3,800
M&R/MAT- DIGESTERS	9,840	8,640	(1,200)
M&R/MAT- THICKENER	20,940	20,940	
M&R/MAT- AERATION BASINS	12,680	13,640	960
M&R/MAT- CLARIFIERS	27,900	27,780	(120)
M&R/MAT- CHEM FEED SYSTEMS	67,560	69,600	2,040
M&R/MAT- POTABLE WTR SYSTEM	38,200	38,200	
M&R/MAT- BIOSOLIDS HANDLING	10,400	9,900	(500)
M&R/MAT- NON POT WTR SYSTEM	27,960	26,760	(1,200)
M&R/MAT- GROUNDSKEEPING	12,860	15,360	2,500
M&R/MAT- TRUCKS	5,200	5,200	
M&R/MAT- MOTORS	3,700	3,700	
M&R/MAT- BUILDING	6,200	6,200	
M&R/MAT- TOOLS & EQUIP.	8,600	8,840	240
M&R/MAT- TRACTORS	3,740	3,740	
M&R/MAT- FILTERS	6,480	5,280	(1,200)
M&R/MAT- AUX GENERATOR	6,900	5,700	(1,200)
M&R/MAT- RLF. PUMPS & MTRS	1,200	9,320	8,120
M&R/MAT- RLF. CL2 EQUIP	480	1,560	1,080
M&R/MAT- AUX GENERATOR	1,000	2,580	1,580
M&R/MAT- RLF. FENCES & GTS		1,200	1,200

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
M&R/MAT- RLF. VALVES	1,200		(1,200)
M&R/MAT- S.C. PIPELINE	600	600	
M&R/MAT- COMAL CO.RAIN TELEMET	1,800	1,000	(800)
M&R/MAT- HEADQTRS GROUNDS	1,800	1,000	(800)
M&R/MAT- SHOP BLDG/POLE BA	3,200	3,200	
M&R/MAT- SM EQUIP & TOOLS	2,400	1,600	(800)
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	480	
M&R/MAT- UNIT 52	480	480	
M&R/MAT- FLATBED TRAILER	480	600	120
M&R/MAT- CASE BACKHOE	1,200	1,200	
M&R/MAT- ALL TERRAIN VHCL	480	600	120
M&R/MAT- KUBOTA TRACTOR #1	480		(480)
M&R/MAT-SPRAYERS	960	720	(240)
M&R/MAT- BIG TRACTOR	360	240	(120)
M&R/MAT- SCHREDDERS	720	720	
M&R/MAT- OTHER	1,380	1,380	
<b>Total MATERIAL</b>	<b>358,006</b>	<b>364,726</b>	<b>6,720</b>
<b>SERVICES:</b>			
M&R/SER- PUMPS	78,200	66,200	(12,000)
M&R/SER- RAW STRUCTURE	362,400	362,400	
M&R/SER- METERS	19,920	26,920	7,000
M&R/SER- GATES/VALVES	3,230	3,230	
M&R/SER- INSTRUMENTS/ELECTRICA	64,178	71,278	7,100
M&R/SER- DIGESTERS	9,600	9,600	
M&R/SER- THICKENER	27,240	24,840	(2,400)
M&R/SER- AERATION BASINS	3,140	4,340	1,200
M&R/SER- CLARIFIERS	8,620	6,220	(2,400)
M&R/SER- CHEM FEED SYSTEMS	92,240	91,700	(540)
M&R/SER- POTABLE WTR SYSTEM	91,660	94,560	2,900
M&R/SER- BIOSOLIDS HANDLING	68,140	63,640	(4,500)
M&R/SER- NON POT. WTR SYSTEM	30,840	27,578	(3,262)
M&R/SER- GROUNDSKEEPING	31,220	28,720	(2,500)
M&R/SER- TRUCKS	2,400	2,520	120
M&R/SER- MOTORS	3,180	3,180	
M&R/SER- BUILDING	4,820	4,820	
M&R/SER- TOOLS & EQUIP.	6,050	6,650	600
M&R/SER- TRACTORS	1,680	420	(1,260)
M&R/SER- FILTERS	5,880	7,080	1,200
M&R/SER- AUX GENERATOR	9,180	6,180	(3,000)
M&R/SER- RLF. PUMPS &MTRS	4,800	4,200	(600)
M&R/SER- RLF. CL2 EQUIPT		360	360
M&R/SER- AUX GENERATOR	5,720	9,580	3,860

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
M&R/SER- RLF. ROADS &BRID	480	480	
M&R/SER- RLF. FENCES &GTS	480		(480)
M&R/SER- S.C. INSTRUMNTN	600	600	
M&R/SER- GEN. OFFICE BLDG	11,836	17,908	6,072
M&R/SER- COMAL CO.RAIN TELEMET	3,500	2,500	(1,000)
M&R/SER- HEADQTRS GROUNDS	5,340	3,340	(2,000)
M&R/SER- SHOP BLDG/POLE BA	15,300	12,100	(3,200)
M&R/SER- SM EQUIP & TOOLS	4,100	3,100	(1,000)
M&R/SER- BRIDGES	12,480	12,480	
M&R/SER- UNIT 49	240	240	
M&R/SER- UNIT 50	1,200	240	(960)
M&R/SER- UNIT 51	480	480	
M&R/SER- UNIT 52	480	480	
M&R/SER- UNIT 53	1,800	1,800	
M&R/SER- FLATBED TRAILER	480	600	120
M&R/SER- CASE BACKHOE	3,000	3,000	
M&R/SER- ALL TERRAIN VHCL	480	600	120
M&R/SER- KUBOTA TRACTOR #1	480		(480)
M&R/SER- BIG TRACTOR	2,400	360	(2,040)
M&R/SER- OTHER	11,800	11,800	
<b>Total SERVICES</b>	<b>1,011,294</b>	<b>998,324</b>	<b>(12,970)</b>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>1,875,151</b>	<b>1,890,572</b>	<b>15,420</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>PROJECT DEVELOPMENT</b>			
CRP-PUBLIC PART-STAFF	3,195		(3,195)
CRP-PUBLIC PART-BENEFITS	1,353		(1,353)
CRP-PUBLIC PART-A&G	1,102		(1,102)
CRP-PUBLIC PART-NON GEN EMPL	145		(145)
<b>Total</b>	<b>5,795</b>		<b>(5,795)</b>
GBRA UNIVERSITY-BENEFITS	1,251		(1,251)
GBRA UNIVERSITY-A&G	1,020		(1,020)
GBRA UNIVERSITY-NON GENERAL EM	3,090		(3,090)
<b>Total</b>	<b>5,361</b>		<b>(5,361)</b>
ENVIRONMENTAL LCUB-STAFF	21,660	19,978	(1,681)
ENVIRONMENTAL LCUB-BENEFI	10,953	8,441	(2,512)
ENVIRONMENTAL LCUB-TRAVEL	1,000	1,000	
ENVIRONMENTAL LCUB-A&G	8,924	6,878	(2,047)
ENVIRONMENTAL LCUB-NON GE	5,384	864	(4,520)
ENVIRONMENTAL LCUB-PRO FE	20,000	7,500	(12,500)
ENVIRONMENTAL LCUB-SERVIC	10,000		(10,000)
ENVIRONMENTAL LCUB-MAT'L	1,500	12,500	11,000
ENVIRONMENTAL LCUB-OTHER	2,500	2,500	
<b>Total</b>	<b>81,920</b>	<b>59,661</b>	<b>(22,260)</b>
319 RIVER NETWORK-STAFF	436	604	169
319 RIVER NETWORK-BENEFITS	177	245	68
319 RIVER NETWORK-A&G	144	199	56
<b>Total</b>	<b>756</b>	<b>1,049</b>	<b>292</b>
DROUGHT PLANNING-TRAVEL	500	250	(250)
DROUGHT PLANNING-SERVICE	500	250	(250)
DROUGHT PLANNING-MAT'L	2,000	1,000	(1,000)
<b>Total</b>	<b>3,000</b>	<b>1,500</b>	<b>(1,500)</b>
SB3- ENVIRONMNTL FLOWS-ENG	10,000	15,000	5,000

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>10,000</b>	<b>15,000</b>	<b>5,000</b>
SB2 IN-STREAM FLOW-ENG	15,000	5,000	(10,000)
SB2 IN-STREAM FLOW-BENEFITS	3,217	2,110	(1,107)
SB2 IN-STREAM FLOW-A&G	2,621	1,719	(902)
SB2 IN-STREAM FLOW-NON-GENERAL	7,942	5,210	(2,732)
<b>Total</b>	<b>28,780</b>	<b>14,039</b>	<b>(14,740)</b>
LOWER BASIN LITIGATION-STAFF	19,427	6,576	(12,851)
LOWER BASIN LITIGATION-LEGA	375,000	375,000	
LOWER BASIN LITIGATION-BENEFI	10,841	3,344	(7,497)
LOWER BASIN LITIGATION-A&G	8,834	2,725	(6,109)
LOWER BASIN LITIGAT-NON GEN	7,341	1,680	(5,661)
<b>Total</b>	<b>421,443</b>	<b>389,325</b>	<b>(32,118)</b>
LOWER BASIN HERITAGE-BENEFITS	5,365		(5,365)
LOWER BASIN HERITAGE-TRAVEL	500		(500)
LOWER BASIN HERITAGE-A&G	4,372		(4,372)
LOWER BASIN HERITAGE-NON-GENER	13,248		(13,248)
LOWER BASIN HERITAGE-SERVICE	40,000		(40,000)
LOWER BASIN HERITAGE-MAT'L	5,000		(5,000)
<b>Total</b>	<b>68,485</b>		<b>(68,485)</b>
PC WATERSHED COORDINATOR-ENG	85,300	85,300	
PC WATERSHED COORDINATOR-BENEF	2,334	4,294	1,960
PC WATERSHED COORDINATE-TRAVEL	15,000	15,000	
PC WATERSHED COORDINATOR-A&G	1,902	3,499	1,597
PC WATERSHED COORDINAT-NON GEN	5,764	10,603	4,839
PC WATERSHED COORDINATOR-OTHER	26,747	26,747	
<b>Total</b>	<b>137,047</b>	<b>145,443</b>	<b>8,396</b>
PC GC ISOTOPE STUDY-ENG	54,000	54,000	
PC GC ISOTOPE STUDY-BENEFITS	2,334	4,294	1,960
PC GC ISOTOPE STUDY-A&G	1,902	3,499	1,597
PC GC ISOTOPE STUDY-NON GEN	5,764	10,603	4,839

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>64,000</b>	<b>72,396</b>	<b>8,396</b>
REAL HOG FARM PROJ-BENEFITS	5,076	9,117	4,041
REAL HOG FARM PROJ-TRAVEL	900	900	
REAL HOG FARM PROJ-A&G	4,136	7,429	3,292
REAL HOG FARM PROJ-NON GEN EMP	12,534	22,511	9,977
REAL HOG FARM PROJ-OTHER	8,932	8,932	
<b>Total</b>	<b>31,579</b>	<b>48,889</b>	<b>17,310</b>
OUTDOOR LEARNING CNTR-STAFF		1,737	1,737
OUTDOOR LEARNING CNTR-BENEFITS		704	704
OUTDOOR LEARNING CNTR-A&G		573	573
OUTDOOR LEARNING CENTER-OTHER	38,800	38,800	
<b>Total</b>	<b>38,800</b>	<b>41,814</b>	<b>3,014</b>
CRP PROJECT ADMIN-BENEFITS	146	268	122
CRP PROJECT ADMIN-A&G	119	219	100
CRP PROJECT ADMIN-NON GEN EMPL	360	662	302
<b>Total</b>	<b>625</b>	<b>1,149</b>	<b>524</b>
CRP QUALITY ASSURANCE-STAFF		1,413	1,413
CRP QUALITY ASSURANCE-BENEFITS	1,249	6,077	4,828
CRP QUALITY ASSURANCE-A&G	1,018	4,951	3,933
CRP QUALITY ASSURANCE-NON GEN	3,084	13,591	10,507
<b>Total</b>	<b>5,351</b>	<b>26,032</b>	<b>20,681</b>
CRP MONITORING-ENG	24,700	24,700	
CRP MONITORING-BENEFITS	3,456	6,747	3,291
CRP MONITORING-TRAVEL	5,138	5,138	
CRP MONITORING-A&G	2,816	5,498	2,682
CRP MONITORING-NON GEN EMPL	8,534	16,660	8,127
CRP MONITORING-OTHER	93,913	93,913	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>138,557</b>	<b>152,657</b>	<b>14,100</b>
CRP INFO CLEARINGHOUSE-BENEFIT	495	799	305
CRP INFO CLEARINGHOUSE-A&G	403	651	248
CRP INFO CLEARINGHOUSE-NON GEN	1,222	1,974	752
<b>Total</b>	<b>2,120</b>	<b>3,425</b>	<b>1,305</b>
CRP ISSUES & CAUSES-BENEFITS	146	268	122
CRP ISSUES & CAUSES-A&G	119	219	100
CRP ISSUES & CAUSES-NON GEN EM	360	662	302
<b>Total</b>	<b>625</b>	<b>1,149</b>	<b>524</b>
CRP PUBLIC PARTICIPATION-STAFF	520	5,385	4,865
CRP PUBLIC PARTICIPATION-BENEF	613	2,848	2,235
CRP PUBLIC PARTICIPATION-A&G	500	2,321	1,821
CRP PUBLIC PARTICIPATION-NON G	995	1,648	653
<b>Total</b>	<b>2,628</b>	<b>12,202</b>	<b>9,574</b>
APPLIC-UNAPPROP.FLOW-ENG	5,000	88,000	83,000
<b>Total</b>	<b>5,000</b>	<b>88,000</b>	<b>83,000</b>
BULVERDE AREA WW-ENG	27,000	27,000	
BULVERDE AREA WW-BENEFITS	3,688		(3,688)
BULVERDE AREA WW-A&G	3,005		(3,005)
BULVERDE AREA WW-NON GEN EMP	9,107		(9,107)
BULVERDE AREA WW-MAT'L	3,000	3,000	
<b>Total</b>	<b>45,801</b>	<b>30,000</b>	<b>(15,801)</b>
U/S SWB GUAD RIVER STUDY-ENG		60,000	60,000
<b>Total</b>		<b>60,000</b>	<b>60,000</b>
FLOOD MGMT MODEL-ENG	80,000	420,000	340,000

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>80,000</b>	<b>420,000</b>	<b>340,000</b>
LAKE MGMT ENHANCEMENT-BENEFITS	1,289	1,328	39
LAKE MGMT ENHANCEMENT-A&G	1,050	1,082	32
LAKE MGMT ENHANCEMENT-NON-GENE	3,183	3,279	96
LAKE MGMT ENHANCEMENT-SERVICES	10,000	10,000	
<b>Total</b>	<b>15,522</b>	<b>15,688</b>	<b>166</b>
LAKE MGMT GOAT PROJECT-BENEFIT	4,801	8,787	3,986
LAKE MGMT GOAT PROJECT-A&G	3,912	7,160	3,248
LAKE MGMT GOAT PROJECT-NON GEN	11,855	21,696	9,842
<b>Total</b>	<b>20,568</b>	<b>37,643</b>	<b>17,075</b>
LB LK MGMT&AQUATIC CNTL-BENEFI	556	573	17
LB LK MGMT&AQUATIC CNTL-TRAVEL	5,000	5,000	
LB LK MGMT&AQUATIC CNTL-A&G	453	467	14
LB LK MGMT&AQUATIC CNTL-NON-GE	1,373	1,414	41
LB LK MGMT&AQUATIC CNTL-MTL'S	10,000	10,000	
<b>Total</b>	<b>17,382</b>	<b>17,454</b>	<b>71</b>
GW/SW INTERFACE STUDY-ENG		40,000	40,000
<b>Total</b>		<b>40,000</b>	<b>40,000</b>
L.BASIN WATER QLTY MODEL.-SUPV	50,000		(50,000)
L.BASIN WATER QLTY MODEL.-MISC		35,000	35,000
<b>Total</b>	<b>50,000</b>	<b>35,000</b>	<b>(15,000)</b>
LOCKHART DISCHARGE MONT-OTHER	12,500	12,500	
<b>Total</b>	<b>12,500</b>	<b>12,500</b>	
FEMA CTP PROGRAM-OTHER		10,000	10,000



**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>		<b>10,000</b>	<b>10,000</b>
MISC PROJ DEV-BENEFITS	7,833		(7,833)
MISC PROJ DEV-A&G	6,382		(6,382)
MISC PROJ DEV-NON GEN EMPL	19,341		(19,341)
<b>Total</b>	<b>33,556</b>		<b>(33,556)</b>
GUAD/HAYS/CALD WW CCNS-ENG	30,000	20,000	(10,000)
GUAD/HAYS/CALD WW CCNS-LEGAL	10,000	20,000	10,000
GUAD/HAYS/CALD WW CCNS-BENEFIT	833	1,166	333
GUAD/HAYS/CALD WW CCNS-TRAVEL	500		(500)
GUAD/HAYS/CALD WW CCNS-A&G	678	950	271
GUAD/HAYS/CALD WW CCNS-NON-GEN	2,056	2,879	823
<b>Total</b>	<b>44,067</b>	<b>44,995</b>	<b>927</b>
CANYON SEASONAL POOL-ENG	5,000		(5,000)
CANYON SEASONAL POOL-TRAVEL	2,000		(2,000)
<b>Total</b>	<b>7,000</b>		<b>(7,000)</b>
ASR STUDY-ENG	20,000		(20,000)
<b>Total</b>	<b>20,000</b>		<b>(20,000)</b>
WATER ENERGY NEXUS PRJ-STAFF	23,694	63,374	39,680
WATER ENERGY NEXUS PRJ-BENEFIT	26,339	40,086	13,747
WATER ENERGY NEXUS PRJ-TRAVEL	10,000	10,000	
WATER ENERGY NEXUS PRJ-A&G	21,461	32,663	11,201
WATER ENERGY NEXUS PRJ-NON-GEN	41,340	35,603	(5,736)
WATER ENERGY NEXUS PRJ-PRO FEE	900,000	900,000	
WATER ENERGY NEXUS PRJ-W/O		10,000	10,000
WATER ENERGY NEXUS PRJ-OTHER		10,000	10,000
<b>Total</b>	<b>1,022,833</b>	<b>1,101,726</b>	<b>78,892</b>
MID-BASIN HDR-BENEFIT	562	302	(261)
MID-BASIN HDR-A&G	458	246	(212)
MID-BASIN HDR-NON-GEN	1,389	745	(643)

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>2,409</b>	<b>1,293</b>	<b>(1,116)</b>
MID-BASIN GRANT STDY-BENEFITS	13,535		(13,535)
MID-BASIN GRANT STDY-A&G	11,028		(11,028)
MID-BASIN GRANT STDY-NON-GEN	33,420		(33,420)
<b>Total</b>	<b>57,983</b>		<b>(57,983)</b>
DIVERSION SYS IMPROVEMENTS-ENG	25,000	25,000	
<b>Total</b>	<b>25,000</b>	<b>25,000</b>	
WINFIELD-BENEFITS	1,289		(1,289)
WINFIELD-A&G	1,050		(1,050)
WINFIELD-NON GEN EMP	3,183		(3,183)
<b>Total</b>	<b>5,522</b>		<b>(5,522)</b>
RIVER GAGES-ENG	25,000	25,000	()
<b>Total</b>	<b>25,000</b>	<b>25,000</b>	<b>()</b>
EAA HABITAT CONSRV PLAN-OTHER	450,000	450,000	
<b>Total</b>	<b>450,000</b>	<b>450,000</b>	
LOWER BASIN PERMIT AMEND-STAFF	1,562	2,528	966
LOWER BASIN PERMIT AMEND-BEN	4,927	5,447	520
LOWER BASIN PERMIT AMEND-A&G	4,015	4,438	424
LOWER BASIN PERM AM.-NON GEN E	10,604	10,921	318
<b>Total</b>	<b>21,107</b>	<b>23,335</b>	<b>2,228</b>
LOWER BASIN PROJ ADM-STAFF		31,200	31,200
LOWER BASIN PROJ ADM-ENG	25,000	900,000	875,000
LOWER BASIN PROJ ADM-LEGAL	750,000	750,000	
LOWER BASIN PROJ ADM-BENEFITS		16,848	16,848
LOWER BASIN PROJ ADM-TRAVEL	10,000	10,000	
LOWER BASIN PROJ ADM-A&G		13,728	13,728

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
LOWER BASIN PROJ AD-NON GEN EM		10,400	10,400
LOWER BASIN PROJ ADM-W/O		10,000	10,000
LOWER BASIN PROJ ADM-OTHER	5,000	10,000	5,000
<b>Total</b>	<b>790,000</b>	<b>1,752,176</b>	<b>962,176</b>
JOHNSON RCH WWTP RGLZ-BENEFITS	7,278		(7,278)
JOHNSON RCH WWTP RGLZ-TRAVEL	500	500	
JOHNSON RCH WWTP RGLZ-A&G	5,930		(5,930)
JOHNSON RCH WWTP RGLZ-NON GEN	17,970		(17,970)
JOHNSON RANCH-SERVICES	5,000	500	(4,500)
<b>Total</b>	<b>36,678</b>	<b>1,000</b>	<b>(35,678)</b>
CANYON GORGE PROJECT-STAFF	6,316	7,276	960
CANYON GORGE PROJECT-BENEFITS	2,558	2,947	389
CANYON GORGE PROJECT-A&G	2,084	2,401	317
<b>Total</b>	<b>10,958</b>	<b>12,623</b>	<b>1,666</b>
WATER SUPPLY ALTERNATIVE-BENEF	3,964	2,722	(1,242)
WATER SUPPLY ALTERNATIVE-A&G	3,230	2,218	(1,012)
WATER SUPPLY ALTERNATIVE-NON-G	9,788	6,721	(3,067)
<b>Total</b>	<b>16,982</b>	<b>11,661</b>	<b>(5,322)</b>
4S RANCH-STAFF	4,375		(4,375)
4S RANCH-BENEFITS	2,605		(2,605)
4S RANCH-A&G	2,122		(2,122)
4S RANCH-NON-GENERAL	2,056		(2,056)
<b>Total</b>	<b>11,158</b>		<b>(11,158)</b>
PARK VILLAGE-STAFF	4,375		(4,375)
PARK VILLAGE-BENEFITS	2,605		(2,605)
PARK VILLAGE-A&G	2,122		(2,122)
PARK VILLAGE-NON-GENERAL	2,056		(2,056)

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>11,158</b>		<b>(11,158)</b>
WATER & WW INV-BENEFITS	2,643	2,926	283
WATER & WW INV-A&G	2,153	2,384	231
WATER & WW INV-NON GEN EMPL	6,525	7,225	700
<b>Total</b>	<b>11,321</b>	<b>12,535</b>	<b>1,214</b>
UB LK MGMT&AQUATIC CNTL-STAFF		1,560	1,560
UB LK MGMT&AQUATIC CNTL-BENEF	4,660	5,409	749
UB LK MGMT&AQUATIC CNTL-A&G	3,797	4,407	610
UB LK MGMT&AQUATIC CNTL-NONGEN	11,506	11,795	289
UB LK MGMT&AQUATIC CNTL-SERVIC	5,000	5,000	
UB LK MGMT&AQUATIC CNTL-MAT'L	12,500	12,500	
<b>Total</b>	<b>37,463</b>	<b>40,670</b>	<b>3,208</b>
PLUM CREEK OUTREACH-STAFF	1,069	2,224	1,155
PLUM CREEK OUTREACH-BENEFITS	433	901	468
PLUM CREEK OUTREACH-A&G	353	734	381
<b>Total</b>	<b>1,855</b>	<b>3,858</b>	<b>2,003</b>
PLUM CREEK MONITORING-STAFF	639	1,339	701
PLUM CREEK MONITORING-BENEFITS	11,762	22,606	10,843
PLUM CREEK MONITORING-A&G	9,584	18,420	8,835
PLUM CREEK MONITORING-NON GEN	28,404	54,477	26,073
PLUM CREEK MONITORING-OTHER	140,945	140,945	
<b>Total</b>	<b>191,334</b>	<b>237,787</b>	<b>46,452</b>
PLUM CREEK PROJ ADM-BENEFITS	565	587	23
PLUM CREEK PROJ ADM-A&G	460	478	18
PLUM CREEK PROJ ADM-NON GEN EM	1,394	1,450	56
<b>Total</b>	<b>2,419</b>	<b>2,515</b>	<b>97</b>
FM 110 P/L RELOC-REIMB-STAFF		119,935	119,935
FM 110 P/L RELOC-REIMB-ENG		250,000	250,000
FM 110 P/L RELOC-REIMB-LEGAL		10,000	10,000

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
FM 110 P/L RELOC-REIMB-BENEFIT		61,604	61,604
FM 110 P/L RELOC-REIMB-TRAVEL		20,000	20,000
FM 110 P/L RELOC-REIMB-SERVICE		20,000	20,000
FM 110 P/L RELOC-REIMB-A&G		50,196	50,196
FM 110 P/L RELOC-REIMB-NON GEN		32,173	32,173
FM 110 P/L RELOC-REIMB-OTHER		1,000,000	1,000,000
<b>Total</b>		<b>1,563,908</b>	<b>1,563,908</b>
FM 110 P/L -NONREIMB-STAFF		15,600	15,600
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	8,582
FM 110 P/L -NONREIMB-TRAVEL	5,000	5,000	
FM 110 P/L -NONREIMB-SERVICE	5,000		(5,000)
FM 110 P/L -NONREIMB-A&G		6,993	6,993
FM 110 P/L -NONREIMB-NON GEN		5,589	5,589
FM 110 P/L -NONREIMB-W/O		1,000	1,000
FM 110 P/L -NONREIMB-OTHER		100,000	100,000
<b>Total</b>	<b>45,000</b>	<b>177,763</b>	<b>132,763</b>
FM-183 UTLY RELOCATE-STAFF		15,600	15,600
FM-183 UTLY RELOCATE-BENEFITS		8,424	8,424
FM-183 UTLY RELOCATE-A&G		6,864	6,864
FM-183 UTLY RELOCATE-NON GEN		5,200	5,200
<b>Total</b>		<b>36,088</b>	<b>36,088</b>
FM-725 UTLY RELOCATE-STAFF		15,600	15,600
FM-725 UTLY RELOCATE-BENEFITS		8,424	8,424
FM-725 UTLY RELOCATE-A&G		6,864	6,864
FM-725 UTLY RELOCATE-NON GEN		5,200	5,200
<b>Total</b>		<b>36,088</b>	<b>36,088</b>
TRI-COMMUNITY WSC- BENEFITS	165		(165)
TRI-COMMUNITY WSC- A&G	135		(135)
TRI-COMMUNITY WSC- NON-GEN EMP	408		(408)

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>708</b>		<b>(708)</b>
WATER CO ACQUISITIONS-BENEFITS	4,994	5,166	172
WATER CO ACQUISITIONS-TRAVEL	500	500	
WATER CO ACQUISITIONS-A&G	4,069	4,209	140
WATER CO ACQUISITIONS-NON GEN	12,330	12,755	425
WATER CO ACQUISITIONS-SERVICES	15,000		(15,000)
<b>Total</b>	<b>36,892</b>	<b>22,630</b>	<b>(14,262)</b>
INDUSTRIAL DEV PROJECT-ENG	10,000	10,000	
INDUSTRIAL DEV PROJECT-BENEFIT	7,558	7,785	227
INDUSTRIAL DEV PROJECT-TRAVEL	200	200	
INDUSTRIAL DEV PROJECT-A&G	6,158	6,343	185
INDUSTRIAL DEV PROJECT-NON-GEN	18,661	19,221	561
INDUSTRIAL DEV PROJECT-MAT'L	5,000	5,000	
<b>Total</b>	<b>47,576</b>	<b>48,549</b>	<b>973</b>
ENG BUERGER LANE BRIDGE-ENG	25,000		(25,000)
<b>Total</b>	<b>25,000</b>		<b>(25,000)</b>
MID-BASIN PROJECT-STA	2,140	25,928	23,788
MID-BASIN PROJECT-ENG	200,000	250,000	50,000
MID-BASIN PROJECT-LEGAL	375,000	375,000	
MID-BASIN PROJECT-BENEFITS	6,276	40,979	34,703
MID-BASIN PROJECT-TRAVEL	5,000	5,000	
MID-BASIN PROJECT-A&G	5,114	33,390	28,277
MID-BASIN PROJECT-NON-GEN EMPL	13,356	75,254	61,898
MID-BASIN PROJECT-PROF FEE	1,000	5,000	4,000
MID-BASIN PROJECT-W/O		5,000	5,000
MID-BASIN PROJECT-OTHER	5,000	5,000	
<b>Total</b>	<b>612,885</b>	<b>820,551</b>	<b>207,666</b>
S.B.1 PHASE 4-ENG	14,000	14,000	
S.B.1 PHASE 4-TRAVEL		2,000	2,000

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total</b>	<b>14,000</b>	<b>16,000</b>	<b>2,000</b>
GERONIMO CREEK WPP-STAFF	2,561	8,788	6,227
GERONIMO CREEK WPP-BENEFITS	12,997	24,870	11,873
GERONIMO CREEK WPP-A&G	10,590	20,265	9,674
GERONIMO CREEK WPP-NON GEN EMP	29,531	52,620	23,090
GERONIMO CREEK WPP-MISC	76,000	76,000	
<b>Total</b>	<b>131,679</b>	<b>182,543</b>	<b>50,864</b>
BUD W/O-LAKE MGMT	(28,098)		28,098
BUD W/O-APPLIC UNAPPROP FLOW	(5,000)		5,000
BUD W/O-GERONIMO CREEK	(98,757)		98,757
BUD W/O-ARANSAS PROJ LITIGATIO	(100,000)		100,000
BUD W/O-PLUM CREEK MONITORING	(143,496)		143,496
BUD W/O-EEA HABITAT	(300,000)		300,000
BUD W/O-PLUM CREEK WS COORDINA	(102,780)		102,780
BUD W/O-WATER ENERGY NEXUS	(233,000)		233,000
BUD W/O-PC ISOTOPE	(14,000)		14,000
BUD W/O-OUTDOOR LEARNING CTR	(28,100)		28,100
<b>Total</b>	<b>(1,053,231)</b>		<b>1,053,231</b>
<b>TOTAL PROJECT DEVELOPMENT</b>	<b>3,989,959</b>	<b>8,402,311</b>	<b>4,412,352</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>WIP - OPERATING</b>			
H5 LOT RESTORATION-SUPERV	12,077	15,268	3,192
H5 LOT RESTORATION-BENEFITS	4,891	6,184	1,293
H5 LOT RESTORATION-SERVICES	30,000	50,000	20,000
H5 LOT RESTORATION-A&G	3,985	5,039	1,053
<b>Total</b>	<b>50,953</b>	<b>76,491</b>	<b>25,537</b>
HAZARD MITIGATION-PROF FEES		50,000	50,000
<b>Total</b>		<b>50,000</b>	<b>50,000</b>
SIPHON/RADIAL GATE IMPS-SERVIC	40,042	50,053	10,011
SIPHON/RADIAL GATE IMPS-MAT'L		7,875	7,875
<b>Total</b>	<b>40,042</b>	<b>57,928</b>	<b>17,886</b>
REHAB RELIFT ROOF-SERVICE		8,000	8,000
<b>Total</b>		<b>8,000</b>	<b>8,000</b>
HENKE CROSSING-SERVICE	7,200		(7,200)
<b>Total</b>	<b>7,200</b>		<b>(7,200)</b>
ADD'L CAMPISTES/LAKEWOOD-MATLS		27,000	27,000
<b>Total</b>		<b>27,000</b>	<b>27,000</b>
CANAL BRIDGE CROSSING-MATL		5,000	5,000
<b>Total</b>		<b>5,000</b>	<b>5,000</b>
AUTOMATIC TRANSFER SWITCH-SERV		93,655	93,655
AUTOMATIC TRANSFER SWITCH-MATL		175,615	175,615

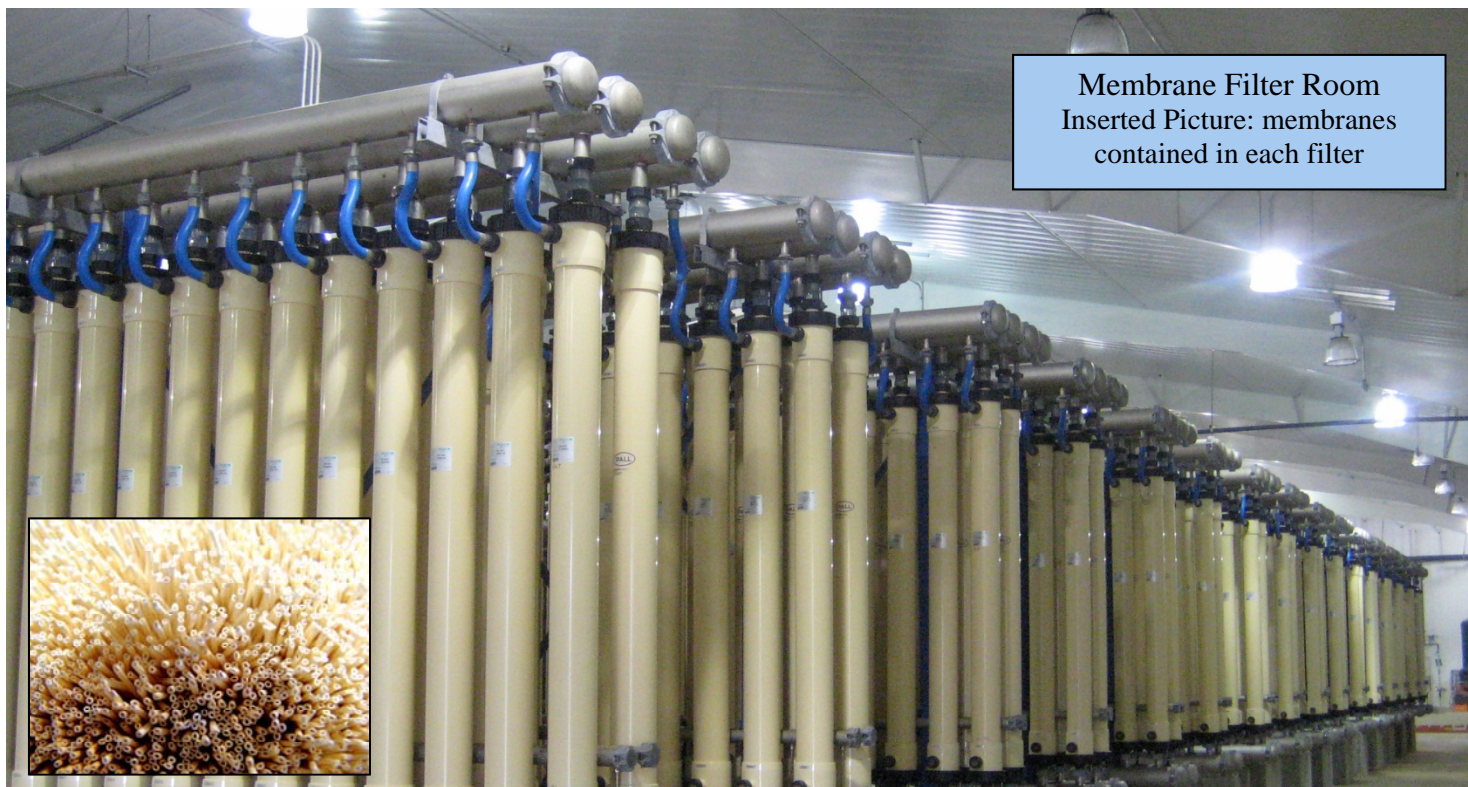


**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
	<hr/>	<hr/>	<hr/>
<b>Total</b>		<b>269,270</b>	<b>269,270</b>
<b>TOTAL WIP - OPERATING</b>	<b>98,195</b>	<b>493,689</b>	<b>395,493</b>
	<hr/>	<hr/>	<hr/>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WATER RESOURCES - WORK PLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2016 BUDGET</b>
<b>AUTO &amp; HEAVY EQUIPMENT</b>	
EZ GO GOLF CART	10,000
TRUCK-1 TON FOR MOBILE PRESS	40,000
TRUCK	25,000
REPLACEMENT RIDING MOWER	7,000
	<hr/>
<b>Total AUTO &amp; HEAVY EQUIPMENT</b>	<b>82,000</b>
<b>LABORATORY EQUIPMENT</b>	
AUTOTITRATOR	45,000
DISHWASHER	13,000
FURNACE	4,000
REFRIGERATOR	5,000
	<hr/>
<b>Total LABORATORY EQUIPMENT</b>	<b>67,000</b>
<b>OFFICE FURN. &amp; EQUIP.</b>	
OFFICE FURNITURE	5,000
REPLACE KUBOTA 6800 TRACTOR	28,143
PRINTER/SCANNER	5,000
	<hr/>
<b>Total OFFICE FURN. &amp; EQUIP.</b>	<b>38,143</b>
<b>MISCELLANEOUS EQUIPMENT</b>	
ATV W/UTILITY BED	9,500
MOBILE DEWATERING SYSTEM W/TRAILER	365,000
REPLACEMENT SHREDDER	17,000
	<hr/>
<b>Total MISCELLANEOUS EQUIPMENT</b>	<b>391,500</b>
	<hr/>
<b>TOTAL CAPITAL ADDITIONS</b>	<b>578,643</b>
	<hr/> <hr/>



Membrane Filter Room  
Inserted Picture: membranes  
contained in each filter

# Western Canyon WTP

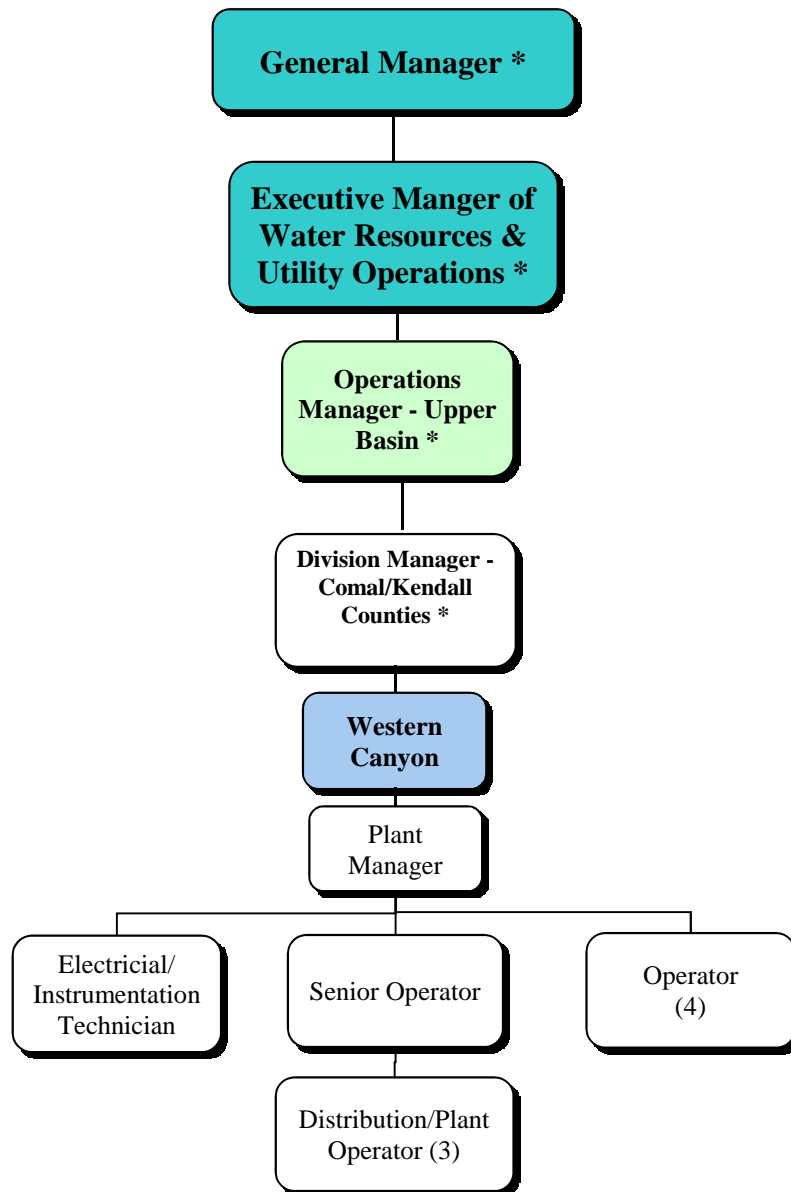
The Western Canyon Water Treatment Plant, which began delivering treated water to customers on April 3, 2006, uses water from Canyon Reservoir to provide a firm supply of treated drinking water to area communities and water systems. Some of these customers, as well as many other area residents, depend 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	• Capacity:	10mgd
• Location:	Canyon Lake, TX	• # of Current Employees:	8
• Startup Operation Date:	2006	• Budgeted Revenue:	\$5,392,578
• Service Area:	Comal & Kendall Co., TX		



## Western Canyon Division Organizational Chart



\* GBRA employee from another Division



<b>Western Canyon</b>	# of Authorized Positions (FTE)		
	2014	2015	2016
Plant Manager	1	1	1
Electrical/Instrumentation Technician	1	1	1
Senior Operator	1	1	1
Operator	3	4	4
Distribution/Plant Operator	3	3	3
<b>Total</b>	<b>9</b>	<b>10</b>	<b>10</b>

Section F, Page 3 of 72

## **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.

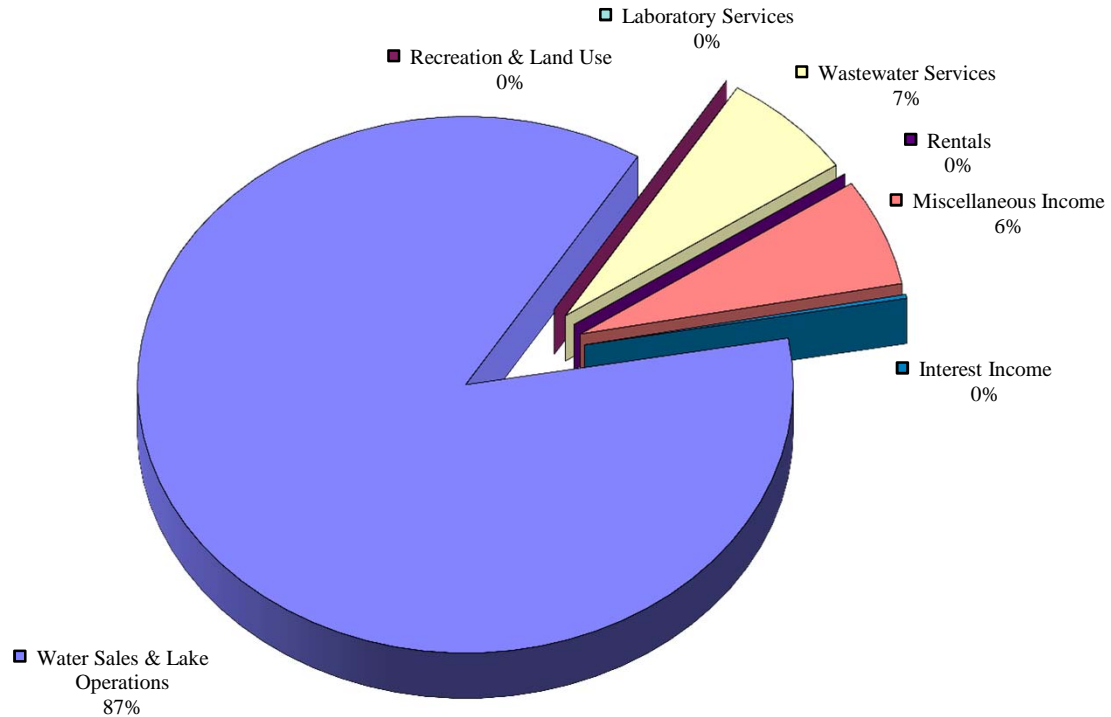


## Fiscal Year 2016 Budget

*flowing solutions*

### Budget Summary

#### REVENUES - Western Canyon

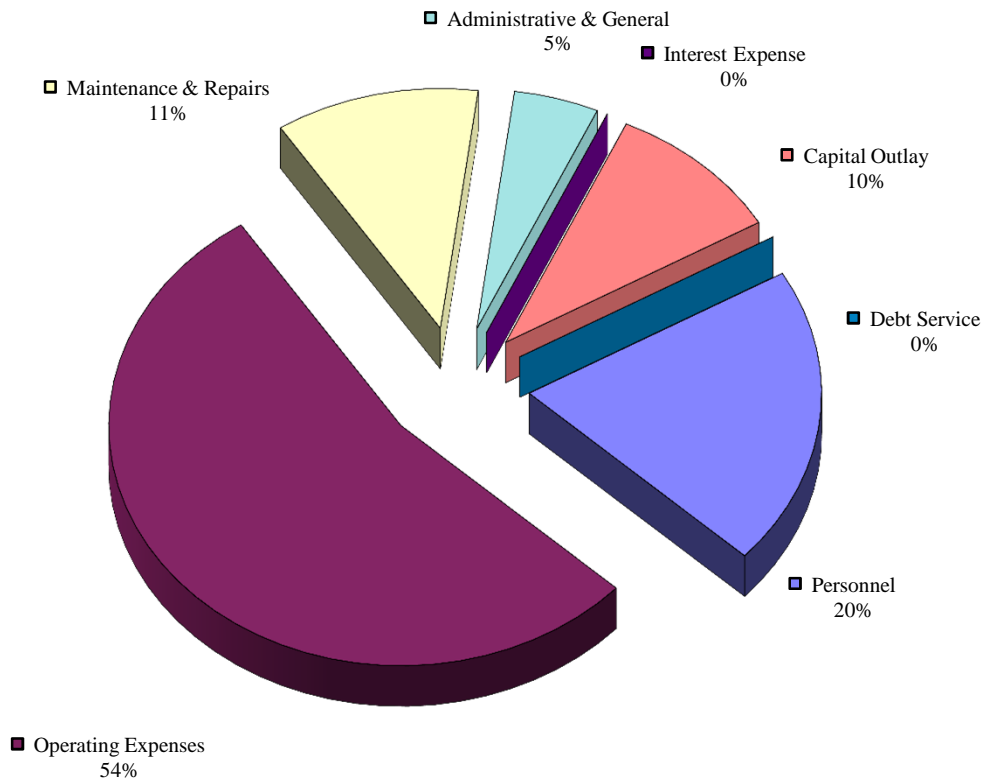


Revenues	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	4,234,777	4,521,100	4,680,500
Recreation & Land Use			
Wastewater Services	140,713	167,100	362,295
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	360,533	299,328	349,783
<b>Total Operating Revenue</b>	<b>4,736,024</b>	<b>4,987,528</b>	<b>5,392,578</b>
Interest Income	12,297	9,060	12,960
<b>Grand Total Revenues</b>	<b>4,748,320</b>	<b>4,996,588</b>	<b>5,405,538</b>



## Budget Summary

### EXPENSES - Western Canyon



Expenses	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Personnel	878,092	1,012,593	1,073,529
Operating Expenses	2,491,071	2,763,710	2,872,646
Maintenance & Repairs	424,804	462,191	601,550
Administrative & General	205,175	235,911	250,151
<b>Total Operating Expenses</b>	<b>3,999,142</b>	<b>4,474,404</b>	<b>4,797,876</b>
Interest Expense			
Capital Outlay	126,688	577,200	527,000
Debt Service			
<b>Grand Total Expenses</b>	<b>4,125,830</b>	<b>5,051,604</b>	<b>5,324,876</b>



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# **Western Canyon Division**

## **Western Canyon Water Treatment Plant System**

### **Operating Plan for Fiscal Year Ending 8/31/16**

#### **BACKGROUND**

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, Canyon Lake Water Supply Corporation, Kendall West Utilities, Cordillera Ranch and Johnson Ranch.

#### **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 2016. 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.

#### **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 2016 with an expenditure of approximately \$360,000, and continue the project over a 3-4 year period until all membranes are replaced within the plant.

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 2016 include total power costs of \$1,403,500, chemical costs of \$356,000, and disposal costs of \$230,000.

#### **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 2016 the change in fund balance is expected to approximate \$62,047.

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**050 - WESTERN CANYON WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WATER SALES &amp; LAKE OPERATIONS:</b>			
W.C.-PLANT O&M	3,795,500	3,795,500	()
<b>Total WATER SALES &amp; LAKE OPERATIONS</b>	<b>3,795,500</b>	<b>3,795,500</b>	<b>()</b>
<b>TOTAL OPERATING REVENUES</b>			
	<b>3,795,500</b>	<b>3,795,500</b>	<b>()</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	48,464	21,024	(27,441)
SUPERVISION	96,242	92,877	(3,365)
LABOR	209,279	208,634	(644)
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>353,985</b>	<b>322,535</b>	<b>(31,450)</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	3,434	3,500	66
EMPLOYEE BENEFITS	190,038	166,296	(23,742)
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>193,472</b>	<b>169,796</b>	<b>(23,676)</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	18,207	19,000	793
EQUIPMENT RENTAL	2,000	2,500	500
DUES AND MEMBERSHIPS	1,000	1,000	
PUBLICATIONS AND BOOKS	300	300	
SMALL TOOLS EXPENSE	10,000	10,000	
TRACTORS AND EQUIPMENT	2,500	3,000	500
UNIFORMS AND LAUNDRY	4,342	4,500	158
PROCESS/SPECIAL OPERATING	500	500	
BIOSOLIDS DISPOSAL COSTS	150,000	145,000	(5,000)
TRAINING EXPENSES	6,000	7,000	1,000
SAFETY & EMERG. EXPENSES	6,800	7,000	200
SECURITY EXPENSE	3,000	3,000	
POWER & UTILITIES-TREATED WTR	470,000	430,000	(40,000)
POWER & UTILITIES-RAW WATER	756,413	800,000	43,587
POWER & UTILITIES-AMMAN RD	158,385	160,000	1,615
POWER & UTILITIES-FM3351	8,418	9,500	1,082
AUXILLARY POWER EXPENSE	4,500	4,000	(500)
CHLORINE	16,000	16,000	
ALUM/FERRIC/CITRIC ACID	300,000	285,000	(15,000)
POLYMER		5,000	5,000



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**050 - WESTERN CANYON WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
SODIUM BISULFATE	3,500		(3,500)
SODIUM HYDROXIDE	20,000	20,000	
SODIUM HYPOCHLORITE	30,000	30,000	
LAB SUPPLIES & EXPENSES	45,000	50,000	5,000
C.I.P. DISPOSAL EXPENSES	104,000	85,000	(19,000)
PROFESSIONAL FEES	30,000	30,000	
CONTRACT LABOR	5,000	5,000	
INSPECTION FEES	1,500	1,500	
COMMUNICATIONS	8,000	8,000	
OFFICE SUPPLIES & EXPENSES	4,000	7,000	3,000
COMPUTER SUPPLIES & SERVICE	9,747	10,000	253
BANK SERVICE FEES	1,000	1,000	
INSURANCE EXPENSE	44,000	46,200	2,200
MISCELLANEOUS EXPENSES	2,500	3,000	500
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>2,226,612</b>	<b>2,209,000</b>	<b>(17,612)</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	115,244	88,072	(27,172)
MATERIAL	136,000	146,000	10,000
SERVICES	178,950	185,950	7,000
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>430,194</b>	<b>420,022</b>	<b>(10,172)</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>3,204,263</b>	<b>3,121,352</b>	<b>(82,910)</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	154,846	135,500	(19,345)
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>154,846</b>	<b>135,500</b>	<b>(19,345)</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>3,359,109</b>	<b>3,256,853</b>	<b>(102,256)</b>
<b>NET OPERATING INCOME</b>	<b>436,391</b>	<b>538,647</b>	<b>102,256</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**050 - WESTERN CANYON WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	3,795,500	3,795,500	()
OPERATING EXPENSES	(3,359,109)	(3,256,853)	102,256
<b>NET OPERATING INCOME</b>	<b>436,391</b>	<b>538,647</b>	<b>102,256</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON OPERATING FUNDS	6,000	8,400	2,400
<b>Total INTEREST INCOME</b>	<b>6,000</b>	<b>8,400</b>	<b>2,400</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>6,000</b>	<b>8,400</b>	<b>2,400</b>
<b>CHANGE IN NET ASSETS</b>	<b>442,391</b>	<b>547,047</b>	<b>104,656</b>
<b>CHANGE IN RESTRICTED FUNDS</b>	<b>27,500</b>		<b>(27,500)</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
<b>TOTAL FUNDS AVAILABLE</b>	<b>469,891</b>	<b>547,047</b>	<b>77,156</b>
<b>PURCHASES OF FIXED ASSETS</b>			
SPECIALIZED OPER. EQUIPMENT		93,000	93,000
AUTO & HEAVY EQUIPMENT	28,000		(28,000)
OFFICE FURN & EQUIPMENT	107,000	32,000	(75,000)
MISCELLANEOUS EQUIPMENT	328,000	360,000	32,000
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>463,000</b>	<b>485,000</b>	<b>22,000</b>
<b>WORK IN PROGRESS</b>			
<b>DEBT SERVICE</b>			
<b>TOTAL FUNDS APPLIED</b>	<b>463,000</b>	<b>485,000</b>	<b>22,000</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>6,891</b>	<b>62,047</b>	<b>55,156</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**050 - WESTERN CANYON WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	37,288	11,545	(25,743)
STA- CLERICAL	11,177	9,479	(1,698)
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>48,464</b>	<b>21,024</b>	<b>(27,441)</b>
<b>SUPERVISION:</b>			
SUPERVISION	96,242	92,877	(3,365)
<b>Total SUPERVISION</b>	<b>96,242</b>	<b>92,877</b>	<b>(3,365)</b>
<b>OPERATING LABOR:</b>			
CLERICAL	536	558	21
REG- OPERATING LABOR	171,818	176,210	4,392
OVT- OPERATING LABOR	36,924	31,866	(5,058)
<b>Total OPERATING LABOR</b>	<b>209,279</b>	<b>208,634</b>	<b>(644)</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	104,577	81,216	(23,361)
<b>Total M&amp;R-LABOR</b>	<b>104,577</b>	<b>81,216</b>	<b>(23,361)</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER	10,667	6,856	(3,811)
<b>Total M&amp;R-OVERTIME</b>	<b>10,667</b>	<b>6,856</b>	<b>(3,811)</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>115,244</b>	<b>88,072</b>	<b>(27,172)</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>	<b>469,229</b>	<b>410,607</b>	<b>(58,622)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**050 - WESTERN CANYON WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	104,577	81,216	(23,361)
OVT/LBR- OTHER	10,667	6,856	(3,811)
<b>Total LABOR</b>	<b>115,244</b>	<b>88,072</b>	<b>(27,172)</b>
<b>MATERIAL:</b>			
M&R/MAT- GROUNDS	1,000	1,500	500
M&R/MAT- BUILDING	1,000	1,500	500
M&R/MAT- CHEM FEED SYSTEM	15,000	15,000	
M&R/MAT- FILTERS	500	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	1,000	2,000	1,000
M&R/MAT- TOOLS & EQUIPMENT	2,000	3,000	1,000
M&R/MAT- ROADS	500	2,000	1,500
M&R/MAT- H.S. METER	500	500	
M&R/MAT- SCADA	7,500	17,500	10,000
M&R/MAT- MEMBRANE SYSTEM	60,000	55,000	(5,000)
M&R/MAT- FLOC	1,000	1,500	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	
<b>Total MATERIAL</b>	<b>136,000</b>	<b>146,000</b>	<b>10,000</b>
<b>SERVICES:</b>			
M&R/SER- GROUNDS	10,000	10,000	
M&R/SER- BUILDING	10,000	10,000	
M&R/SER- CHEM FEED SYSTEM	4,000	4,000	
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	1,000	
M&R/SER- TOOLS & EQUIPMENT	500	500	
M&R/SER- ROADS	1,500	1,500	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**050 - WESTERN CANYON WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
M&R/SER- H.S. METER	500	500	
M&R/SER- SCADA	8,000	15,000	7,000
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	2,950	
	<hr/>	<hr/>	<hr/>
<b>Total SERVICES</b>	<b>178,950</b>	<b>185,950</b>	<b>7,000</b>
	<hr/>	<hr/>	<hr/>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>430,194</b>	<b>420,022</b>	<b>(10,172)</b>
	<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**WESTERN CANYON WTP**

	<b>FY 2016 BUDGET</b>
<b>WATER METERS &amp; EQUIPMENT</b>	
METER READER SYSTEM UPGRADE	18,000
SCADA UPGRADES	75,000
<b>Total WATER METERS &amp; EQUIPMENT</b>	<b>93,000</b>
 <b>OFFICE FURN. &amp; EQUIP.</b>	
TTHM ANALYZER	32,000
<b>Total OFFICE FURN. &amp; EQUIP.</b>	<b>32,000</b>
 <b>MISCELLANEOUS EQUIPMENT</b>	
REPLACEMENT MODULES	360,000
<b>Total MISCELLANEOUS EQUIPMENT</b>	<b>360,000</b>
 <b>TOTAL CAPITAL ADDITIONS</b>	<b>485,000</b>

# **Western Canyon Division**

## **Cordillera Ranch Subdivision Water System**

### **Operating Plan for Fiscal Year Ending 8/31/16**

#### **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 \$505,000 during FY 2016. This is an approximate 6.3% increase over FY 2015 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 \$2,500 for laboratory expenses, \$3,000 for operating chemicals and \$40,250 of material and services related to maintaining and repairing booster pumps, water wells and the distribution system. Capital Additions for FY 2016 include a 12 inch valve at a cost of \$10,000, as well as a water tank replacement at a cost of \$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 \$284,000. This cost includes payments to other GBRA divisions for the storage, treatment, and transmission of water to the Cordillera Water System.

#### **FUND BALANCE**

Funds for the above listed capital additions and maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided using revenues from customer billings. This funding is expected to exceed total expenditures by \$922 and thus an increase in fund balance of that same amount is anticipated.

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**052 - CORDILLERA WDS**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WATER SALES &amp; LAKE OPERATIONS:</b>			
WATER SALES	455,000	457,000	2,000
WHOLESALE WATER SALES	20,000	48,000	28,000
<b>Total WATER SALES &amp; LAKE OPERATIONS</b>	<b>475,000</b>	<b>505,000</b>	<b>30,000</b>
<b>MISCELLANEOUS INCOME:</b>			
WATER CONNECT/INSPECT FEE-COR	26,400	39,600	13,200
MISCELLANEOUS REVENUES	2,500	3,962	1,462
<b>Total MISCELLANEOUS INCOME</b>	<b>28,900</b>	<b>43,562</b>	<b>14,662</b>
<b>TOTAL OPERATING REVENUES</b>	<b>503,900</b>	<b>548,562</b>	<b>44,662</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	8,907	29,957	21,051
SUPERVISION	5,113	7,685	2,572
LABOR	39,336	32,572	(6,764)
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>53,356</b>	<b>70,214</b>	<b>16,858</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	2,000	2,000	
EMPLOYEE BENEFITS	23,078	29,976	6,898
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>25,078</b>	<b>31,976</b>	<b>6,898</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	2,000	2,000	
DUES AND MEMBERSHIPS	50	50	
PUBLICATIONS AND BOOKS	75	75	
SMALL TOOLS EXPENSE	1,070	1,070	
WATER METERS	15,000	15,000	
UNIFORMS AND LAUNDRY	150	150	
TRAINING EXPENSES	200	200	
SAFETY & EMERG. EXPENSES	350	350	
SECURITY EXPENSE	100	100	
POWER AND UTILITIES	16,000	25,000	9,000
CHLORINE	3,000	3,000	
LAB SUPPLIES & EXPENSES	2,500	2,500	
PROFESSIONAL FEES	6,000	6,000	



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**052 - CORDILLERA WDS**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
CORDILLERA PLANT EXPENSES	1,000	1,000	
INSPECTION FEES	2,441	2,440	(1)
COMMUNICATIONS	500	500	
OFFICE SUPPLIES & EXPENSES	500	500	
COMPUTER SUPPLIES & SERVICE	1,000	1,000	
INSURANCE EXPENSE	2,500	2,700	200
MISCELLANEOUS EXPENSES	300	300	
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>54,736</b>	<b>63,935</b>	<b>9,199</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	3,628	3,800	172
MATERIAL	28,900	28,900	
SERVICES	11,350	11,350	
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>43,878</b>	<b>44,050</b>	<b>172</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>177,048</b>	<b>210,175</b>	<b>33,127</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	18,805	24,425	5,620
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>18,805</b>	<b>24,425</b>	<b>5,620</b>
<b>WATER PURCHASES/DELIVERY:</b>			
INTERDIVISION WATER PURCH	245,000	245,000	
INTERDIV WATER PURCH-RAW	39,000	39,000	
<b>Total WATER PURCHASES/DELIVERY</b>	<b>284,000</b>	<b>284,000</b>	
<b>TOTAL OPERATING EXPENSES</b>	<b>479,853</b>	<b>518,600</b>	<b>38,747</b>
<b>NET OPERATING INCOME</b>	<b>24,047</b>	<b>29,962</b>	<b>5,915</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**052 - CORDILLERA WDS**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	503,900	548,562	44,662
OPERATING EXPENSES	(479,853)	(518,600)	(38,747)
<b>NET OPERATING INCOME</b>	<b>24,047</b>	<b>29,962</b>	<b>5,915</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON OPERATING FUND	360	960	600
<b>Total INTEREST INCOME</b>	<b>360</b>	<b>960</b>	<b>600</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>360</b>	<b>960</b>	<b>600</b>
<b>CHANGE IN NET ASSETS</b>	<b>24,407</b>	<b>30,922</b>	<b>6,515</b>
<b>CHANGE IN RESTRICTED FUNDS</b>	<b>6,000</b>		<b>(6,000)</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
<b>TOTAL FUNDS AVAILABLE</b>	<b>30,407</b>	<b>30,922</b>	<b>515</b>
<b>PURCHASES OF FIXED ASSETS</b>			
STRUCTURES & IMPROVEMENTS	30,000	30,000	
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>30,000</b>	<b>30,000</b>	
<b>WORK IN PROGRESS</b>			
<b>DEBT SERVICE</b>			
<b>TOTAL FUNDS APPLIED</b>	<b>30,000</b>	<b>30,000</b>	
<b>NET CHANGE IN FUND BALANCE</b>	<b>407</b>	<b>922</b>	<b>515</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**052 - CORDILLERA WDS**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	1,934	22,422	20,488
STA- CLERICAL	6,973	7,535	563
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>8,907</b>	<b>29,957</b>	<b>21,051</b>
<b>SUPERVISION:</b>			
SUPERVISION	5,113	7,685	2,572
<b>Total SUPERVISION</b>	<b>5,113</b>	<b>7,685</b>	<b>2,572</b>
<b>OPERATING LABOR:</b>			
CLERICAL	536	558	21
REG- OPERATING LABOR	33,051	24,551	(8,500)
OVT- OPERATING LABOR	5,749	7,463	1,714
<b>Total OPERATING LABOR</b>	<b>39,336</b>	<b>32,572</b>	<b>(6,764)</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	3,225	2,895	(330)
<b>Total M&amp;R-LABOR</b>	<b>3,225</b>	<b>2,895</b>	<b>(330)</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER	403	905	502
<b>Total M&amp;R-OVERTIME</b>	<b>403</b>	<b>905</b>	<b>502</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>3,628</b>	<b>3,800</b>	<b>172</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>	<b>56,984</b>	<b>74,014</b>	<b>17,030</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**052 - CORDILLERA WDS**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	3,225	2,895	(330)
OVT/LBR- OTHER	403	905	502
<b>Total LABOR</b>	<b>3,628</b>	<b>3,800</b>	<b>172</b>
<b>MATERIAL:</b>			
M&R MAT- CORDILLERA METERS	7,100	7,100	
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	14,500	
M&R/MAT- WATER WELL	800	800	
<b>Total MATERIAL</b>	<b>28,900</b>	<b>28,900</b>	
<b>SERVICES:</b>			
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- WATER SYSTEM	3,000	3,000	
M&R/SER- WATER WELL	5,000	5,000	
<b>Total SERVICES</b>	<b>11,350</b>	<b>11,350</b>	
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>43,878</b>	<b>44,050</b>	<b>172</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**CORDILLERA WDS**

	<b>FY 2016 BUDGET</b>
<b>STRUCTURES &amp; IMPROVEMENTS</b>	
NEW 12 INCH VALVE - RIO CORDILLERA	10,000
UNIT 104 TANK REPLACEMENT	20,000
<b>Total STRUCTURES &amp; IMPROVEMENTS</b>	<b>30,000</b>
<b>TOTAL CAPITAL ADDITIONS</b>	<b>30,000</b>



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# **Western Canyon Division Cordillera Ranch Subdivision Sewer System Operating Plan for Fiscal Year Ending 8/31/16**

## **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 2016 is \$229,308 which is a 3.0% increase over the FY 2015 budgeted amount. Approximately \$69,000 of this increase comes from connection fees from new customers while \$160,308 comes from monthly service fees.

## **CAPITAL ADDITIONS AND OPERATING EXPENSES**

Capital additions and significant operating expenses for the ensuing fiscal year include \$35,000 for the purchase of additional sewer grinder pump systems, a \$35,000 SCADA upgrade, \$15,000 for biosolids disposal costs, \$3,600 in communication costs and \$9,000 for laboratory expenses.

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 listed capital additions and maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided from revenues from customer billings. The net effect of all the budgeted sources and uses of funds yields an increase in fund balance of \$5,681

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**053 - CORDILLERA WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WASTEWATER SERVICES:</b>			
SEWER FEES-CORDILLERA	153,600	160,308	6,708
<b>Total WASTEWATER SERVICES</b>	<b>153,600</b>	<b>160,308</b>	<b>6,708</b>
<b>MISCELLANEOUS INCOME:</b>			
SEWER CONNECT/INSPECT FEE-CO	69,000	69,000	
<b>Total MISCELLANEOUS INCOME</b>	<b>69,000</b>	<b>69,000</b>	
<b>TOTAL OPERATING REVENUES</b>	<b>222,600</b>	<b>229,308</b>	<b>6,708</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	5,460	5,576	116
SUPERVISION	4,839	4,737	(102)
LABOR	47,361	29,750	(17,611)
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>57,660</b>	<b>40,063</b>	<b>(17,597)</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	900	900	
EMPLOYEE BENEFITS	25,474	17,765	(7,710)
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>26,374</b>	<b>18,665</b>	<b>(7,710)</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	250	250	
DUES AND MEMBERSHIPS	50	50	
PUBLICATIONS AND BOOKS	75	75	
SMALL TOOLS EXPENSE	290	300	10
UNIFORMS AND LAUNDRY	150	150	
BIOSOLIDS DISPOSAL COSTS	5,000	15,000	10,000
TRAINING EXPENSES	300	300	
SAFETY & EMERG. EXPENSES	500	500	
SECURITY EXPENSE	250	250	
POWER AND UTILITIES	1,200	1,200	
AUXILLARY POWER EXPENSE	2,500	4,000	1,500
OPERATING CHEMICALS	500	500	
CHLORINE	800	800	
LAB SUPPLIES & EXPENSES	6,410	9,000	2,590
PROFESSIONAL FEES	1,300	1,300	



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**053 - CORDILLERA WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
INSPECTION FEES	1,500	1,500	
COMMUNICATIONS	3,600	3,600	
OFFICE SUPPLIES & EXPENSES	500	500	
COMPUTER SUPPLIES & SERVICE	1,750	1,750	
INSURANCE EXPENSE	2,200	2,300	100
MISCELLANEOUS EXPENSES	300	300	
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>29,425</b>	<b>43,625</b>	<b>14,200</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	5,240	3,800	(1,440)
MATERIAL	20,241	81,500	61,259
SERVICES	21,000	21,500	500
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>46,481</b>	<b>106,800</b>	<b>60,319</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>159,940</b>	<b>209,152</b>	<b>49,212</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	20,757	14,475	(6,283)
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>20,757</b>	<b>14,475</b>	<b>(6,283)</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>180,698</b>	<b>223,627</b>	<b>42,929</b>
<b>NET OPERATING INCOME</b>	<b>41,902</b>	<b>5,681</b>	<b>(36,221)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**053 - CORDILLERA WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	222,600	229,308	6,708
OPERATING EXPENSES	(180,698)	(223,627)	(42,929)
<b>NET OPERATING INCOME</b>	<b>41,902</b>	<b>5,681</b>	<b>(36,221)</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>			
<b>CHANGE IN NET ASSETS</b>	<b>41,902</b>	<b>5,681</b>	<b>(36,221)</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
EQUIPMENT LOANS	31,000		(31,000)
<b>Total DEBT CAPITAL</b>	<b>31,000</b>		<b>(31,000)</b>
<b>TOTAL FUNDS AVAILABLE</b>	<b>72,902</b>	<b>5,681</b>	<b>(67,221)</b>
<b>PURCHASES OF FIXED ASSETS</b>			
AUTO & HEAVY EQUIPMENT	37,200		(37,200)
OFFICE FURN & EQUIPMENT	35,000		(35,000)
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>72,200</b>		<b>(72,200)</b>
<b>WORK IN PROGRESS</b>			
<b>DEBT SERVICE</b>			
<b>TOTAL FUNDS APPLIED</b>	<b>72,200</b>		<b>(72,200)</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>702</b>	<b>5,681</b>	<b>4,979</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**053 - CORDILLERA WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	1,898	1,587	(311)
STA- CLERICAL	3,562	3,989	426
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>5,460</b>	<b>5,576</b>	<b>116</b>
<b>SUPERVISION:</b>			
SUPERVISION	4,839	4,737	(102)
<b>Total SUPERVISION</b>	<b>4,839</b>	<b>4,737</b>	<b>(102)</b>
<b>OPERATING LABOR:</b>			
CLERICAL	281	319	38
REG- OPERATING LABOR	36,819	19,385	(17,434)
OVT- OPERATING LABOR	10,261	10,046	(215)
<b>Total OPERATING LABOR</b>	<b>47,361</b>	<b>29,750</b>	<b>(17,611)</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	3,225	2,895	(330)
<b>Total M&amp;R-LABOR</b>	<b>3,225</b>	<b>2,895</b>	<b>(330)</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER	2,016	905	(1,111)
<b>Total M&amp;R-OVERTIME</b>	<b>2,016</b>	<b>905</b>	<b>(1,111)</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>5,240</b>	<b>3,800</b>	<b>(1,440)</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>	<b>62,900</b>	<b>43,863</b>	<b>(19,037)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**053 - CORDILLERA WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	3,225	2,895	(330)
OVT/LBR- OTHER	2,016	905	(1,111)
<b>Total LABOR</b>	<b>5,240</b>	<b>3,800</b>	<b>(1,440)</b>
<b>MATERIAL:</b>			
M&R/MAT- PUMPS AND MOTORS	4,241	4,500	259
M&R/MAT- WWTP BIOSOLIDS REMOVL	500	500	
M&R/MAT- WWTP SCADA	1,000	35,000	34,000
M&R/MAT- SEWER PUMP	8,000	35,000	27,000
M&R/MAT- SEWER LINE	3,000	3,000	
M&R/MAT- WWTP MAINT EXPENSES	3,500	3,500	
<b>Total MATERIAL</b>	<b>20,241</b>	<b>81,500</b>	<b>61,259</b>
<b>SERVICES:</b>			
M&R/SER- PUMPS AND MOTORS	4,000	4,000	
M&R/SER- WWTP BIOSOLIDS REMOVL	2,000	2,000	
M&R/SER- WWTP SCADA	1,500	2,000	500
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	
<b>Total SERVICES</b>	<b>21,000</b>	<b>21,500</b>	<b>500</b>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>46,481</b>	<b>106,800</b>	<b>60,319</b>

# **Western Canyon Division Comal Trace Water Distribution System Operating Plan for Fiscal Year Ending 8/31/16**

## **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. 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. Revenues are projected to be \$220,000 in FY 2016, the same amount as was budgeted in FY 2015.

## **CAPITAL ADDITIONS AND OPERATING EXPENSES**

Operating expenses include \$78,775 for interdivisional water transfer costs from the Western Canyon Regional Water Supply Project, and \$44,150 for material and services related to maintaining and repairing the water wells and distribution system.

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

## **FUND BALANCE**

Funds for the above maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided using revenues from customer billings. GBRA sets customer rates to reflect the anticipated costs of providing water service over time and as such, the increase in fund balance expected during FY2016 is only \$12,010.

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**054 - COMAL TRACE WDS**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WATER SALES &amp; LAKE OPERATIONS:</b>			
WATER SALES	220,000	220,000	
<b>Total WATER SALES &amp; LAKE OPERATIONS</b>	<b>220,000</b>	<b>220,000</b>	
<b>MISCELLANEOUS INCOME:</b>			
WATER CONNECT/INSPECT FEES		7,425	7,425
MISCELLANEOUS REVENUES		800	800
<b>Total MISCELLANEOUS INCOME</b>		<b>8,225</b>	<b>8,225</b>
<b>TOTAL OPERATING REVENUES</b>	<b>220,000</b>	<b>228,225</b>	<b>8,225</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	8,468	9,501	1,033
SUPERVISION	5,250	2,503	(2,748)
LABOR	15,558	17,723	2,165
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>29,276</b>	<b>29,727</b>	<b>451</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	800	800	
EMPLOYEE BENEFITS	13,245	12,895	(350)
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>14,045</b>	<b>13,695</b>	<b>(350)</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	500	500	
WATER METERS	5,000	5,000	
SAFETY & EMERG. EXPENSES	404	400	(4)
SECURITY EXPENSE	250	250	
POWER AND UTILITIES	10,000	10,000	
CHLORINE	450	450	
LAB SUPPLIES & EXPENSES	2,800	2,800	
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	2,200	2,300	100
MISCELLANEOUS EXPENSES	500	500	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**054 - COMAL TRACE WDS**

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>28,754</b>	<b>28,850</b>	<b>96</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	3,426	2,111	(1,315)
MATERIAL	25,400	25,400	
SERVICES	18,750	18,750	
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>47,576</b>	<b>46,261</b>	<b>(1,315)</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>119,652</b>	<b>118,533</b>	<b>(1,119)</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	10,792	10,507	(285)
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>10,792</b>	<b>10,507</b>	<b>(285)</b>
<b>WATER PURCHASES/DELIVERY:</b>			
INTERDIVISION WATER PURCH	78,775	78,775	
<b>Total WATER PURCHASES/DELIVERY</b>	<b>78,775</b>	<b>78,775</b>	
<b>TOTAL OPERATING EXPENSES</b>	<b>209,218</b>	<b>207,815</b>	<b>(1,404)</b>
<b>NET OPERATING INCOME</b>	<b>10,782</b>	<b>20,410</b>	<b>9,629</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**054 - COMAL TRACE WDS**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	220,000	228,225	8,225
OPERATING EXPENSES	(209,218)	(207,815)	1,404
<b>NET OPERATING INCOME</b>	<b>10,782</b>	<b>20,410</b>	<b>9,629</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON OPERATING FUNDS	2,700	3,600	900
<b>Total INTEREST INCOME</b>	<b>2,700</b>	<b>3,600</b>	<b>900</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>2,700</b>	<b>3,600</b>	<b>900</b>
<b>CHANGE IN NET ASSETS</b>	<b>13,482</b>	<b>24,010</b>	<b>10,529</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
<b>TOTAL FUNDS AVAILABLE</b>	<b>13,482</b>	<b>24,010</b>	<b>10,529</b>
<b>PURCHASES OF FIXED ASSETS</b>			
AUTO & HEAVY EQUIPMENT	12,000	12,000	
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>12,000</b>	<b>12,000</b>	
<b>WORK IN PROGRESS</b>			
<b>DEBT SERVICE</b>			
<b>TOTAL FUNDS APPLIED</b>	<b>12,000</b>	<b>12,000</b>	
<b>NET CHANGE IN FUND BALANCE</b>	<b>1,482</b>	<b>12,010</b>	<b>10,529</b>



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**054 - COMAL TRACE WDS**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	1,977	1,517	(460)
STA- CLERICAL	6,491	7,984	1,493
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>8,468</b>	<b>9,501</b>	<b>1,033</b>
<b>SUPERVISION:</b>			
SUPERVISION	5,250	2,503	(2,748)
<b>Total SUPERVISION</b>	<b>5,250</b>	<b>2,503</b>	<b>(2,748)</b>
<b>OPERATING LABOR:</b>			
CLERICAL	332	345	13
REG- OPERATING LABOR	14,243	15,979	1,735
OVT- OPERATING LABOR	983	1,399	417
<b>Total OPERATING LABOR</b>	<b>15,558</b>	<b>17,723</b>	<b>2,165</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	3,225	1,206	(2,018)
<b>Total M&amp;R-LABOR</b>	<b>3,225</b>	<b>1,206</b>	<b>(2,018)</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER	202	905	703
<b>Total M&amp;R-OVERTIME</b>	<b>202</b>	<b>905</b>	<b>703</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>3,426</b>	<b>2,111</b>	<b>(1,315)</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>	<b>32,703</b>	<b>31,838</b>	<b>(865)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**054 - COMAL TRACE WDS**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	3,225	1,206	(2,018)
OVT/LBR- OTHER	202	905	703
<b>Total LABOR</b>	<b>3,426</b>	<b>2,111</b>	<b>(1,315)</b>
<b>MATERIAL:</b>			
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	
<b>Total MATERIAL</b>	<b>25,400</b>	<b>25,400</b>	
<b>SERVICES:</b>			
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- DISTRIBUTION SYSTEM	4,000	4,000	
M&R/SER- OTHER	2,500	2,500	
<b>Total SERVICES</b>	<b>18,750</b>	<b>18,750</b>	
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>47,576</b>	<b>46,261</b>	<b>(1,315)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**COMAL TRACE WDS**

	<b>FY 2016 BUDGET</b>
<b>AUTO &amp; HEAVY EQUIPMENT</b>	
INSTALL TWO PRESSURE REDUCING VALVES	12,000
<b>Total AUTO &amp; HEAVY EQUIPMENT</b>	<b>12,000</b>
<b>TOTAL CAPITAL ADDITIONS</b>	<b>12,000</b>



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# **Western Canyon Division**

## **Johnson Ranch Water Distribution System**

### **Operating Plan for Fiscal Year Ending 8/31/16**

#### **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 190 water connections, with approximately 40 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 includes the Comal I.S.D. elementary school. 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 2016.

#### **REVENUE SOURCES AND TRENDS**

Revenues are obtained through connection fees for water service, tap fees, monthly water service fees and payments from the developer. Customer revenues are projected to be approximately \$160,000 during FY 2016. An additional \$128,405 is expected to be received from connection fees/miscellaneous income, with an additional \$47,678 of funds received from the Johnson Ranch developer.

#### **CAPITAL ADDITIONS AND OPERATING EXPENSES**

Operating expenses include \$78,567 for interdivisional water transfer costs from the Western Canyon Regional Water Supply Project, \$49,100 for material and services related to maintaining and repairing the system, and \$156,693 personnel costs to operate the system and inspect the construction of the system.

#### **FUND BALANCE**

Funds for the above listed maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided using revenues from customer billings supplemented by charges to the developer. Since water rates, the resulting revenues and the supplemental charges to the developer are based upon the operating costs of the System, the resultant change in fund balance amounts to \$0.

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**055 - JOHNSON RANCH WDS**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WATER SALES &amp; LAKE OPERATIONS:</b>			
WATER SALES	30,600	160,000	129,400
<b>Total WATER SALES &amp; LAKE OPERATIONS</b>	<b>30,600</b>	<b>160,000</b>	<b>129,400</b>
<b>MISCELLANEOUS INCOME:</b>			
WATER CONNECT/INSPECT FEE	30,000	120,000	90,000
CHARGES TO DEVELOPERS	117,282	47,678	(69,604)
MISCELLANEOUS REVENUES	400	8,405	8,005
<b>Total MISCELLANEOUS INCOME</b>	<b>147,682</b>	<b>176,083</b>	<b>28,401</b>
<b>TOTAL OPERATING REVENUES</b>	<b>178,282</b>	<b>336,083</b>	<b>157,801</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	54,041	64,395	10,354
SUPERVISION	2,681	2,036	(646)
LABOR	18,478	42,341	23,863
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>75,201</b>	<b>108,772</b>	<b>33,571</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	800	800	
EMPLOYEE BENEFITS	30,456	44,937	14,481
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>31,256</b>	<b>45,737</b>	<b>14,481</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	3,000	3,800	800
DUES AND MEMBERSHIPS	25	25	
PUBLICATIONS AND BOOKS	25	25	
SMALL TOOLS EXPENSE	250	250	
WATER METERS	21,000	1,500	(19,500)
UNIFORMS AND LAUNDRY	150	150	
TRAINING EXPENSES	300	300	
SAFETY & EMERG. EXPENSES	200	200	
SECURITY EXPENSE	500	500	
POWER AND UTILITIES	2,400	2,400	
OPERATING CHEMICALS	200	200	
CHLORINE	250	250	
LAB SUPPLIES & EXPENSES	508	525	17

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**055 - JOHNSON RANCH WDS**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
INSPECTION FEES	850	850	
COMMUNICATIONS	600	600	
OFFICE SUPPLIES & EXPENSES	200	200	
COMPUTER SUPPLIES & SERVICE	350	350	
INSURANCE EXPENSE	2,200	2,300	100
MISCELLANEOUS EXPENSES	500	500	
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>33,508</b>	<b>14,925</b>	<b>(18,583)</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR		2,184	2,184
MATERIAL	3,350	45,750	42,400
SERVICES	3,150	3,350	200
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>6,500</b>	<b>51,284</b>	<b>44,784</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>146,465</b>	<b>220,718</b>	<b>74,252</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	24,816	36,615	11,799
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>24,816</b>	<b>36,615</b>	<b>11,799</b>
<b>WATER PURCHASES/DELIVERY:</b>			
INTERDIVISION WATER PURCH	7,000	67,750	60,750
INTERDIV WATER PURCH-RAW		11,000	11,000
<b>Total WATER PURCHASES/DELIVERY</b>	<b>7,000</b>	<b>78,750</b>	<b>71,750</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>178,282</b>	<b>336,083</b>	<b>157,801</b>
<b>NET OPERATING INCOME</b>	<b>1</b>	<b>0</b>	<b>()</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**055 - JOHNSON RANCH WDS**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	178,282	336,083	157,801
OPERATING EXPENSES	(178,282)	(336,083)	(157,801)
	<hr/>	<hr/>	<hr/>
<b>NET OPERATING INCOME</b>	<b>1</b>	<b>0</b>	<b>()</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>	<hr/>	<hr/>	<hr/>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>			
<b>CHANGE IN NET ASSETS</b>	<b>1</b>	<b>0</b>	<b>()</b>
	<hr/>	<hr/>	<hr/>
<b>INTERFUND LOANS</b>	<hr/>	<hr/>	<hr/>
<b>DEBT CAPITAL</b>	<hr/>	<hr/>	<hr/>
<b>TOTAL FUNDS AVAILABLE</b>	<b>1</b>	<b>0</b>	<b>()</b>
	<hr/>	<hr/>	<hr/>
<b>PURCHASES OF FIXED ASSETS</b>	<hr/>	<hr/>	<hr/>
<b>WORK IN PROGRESS</b>	<hr/>	<hr/>	<hr/>
<b>DEBT SERVICE</b>	<hr/>	<hr/>	<hr/>
<b>TOTAL FUNDS APPLIED</b>	<hr/>	<hr/>	<hr/>
<b>NET CHANGE IN FUND BALANCE</b>	<b>1</b>	<b>0</b>	<b>()</b>
	<hr/>	<hr/>	<hr/>



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**055 - JOHNSON RANCH WDS**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	51,781	53,149	1,368
STA- CLERICAL	2,260	11,246	8,986
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>54,041</b>	<b>64,395</b>	<b>10,354</b>
<b>SUPERVISION:</b>			
SUPERVISION	2,681	2,036	(646)
<b>Total SUPERVISION</b>	<b>2,681</b>	<b>2,036</b>	<b>(646)</b>
<b>OPERATING LABOR:</b>			
CLERICAL	281	319	38
REG- OPERATING LABOR	13,943	35,205	21,262
OVT- OPERATING LABOR	4,254	6,817	2,563
<b>Total OPERATING LABOR</b>	<b>18,478</b>	<b>42,341</b>	<b>23,863</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER		1,279	1,279
<b>Total M&amp;R-LABOR</b>		<b>1,279</b>	<b>1,279</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER		905	905
<b>Total M&amp;R-OVERTIME</b>		<b>905</b>	<b>905</b>
<b>Total MAINTENANCE &amp; REPAIR</b>		<b>2,184</b>	<b>2,184</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>	<b>75,201</b>	<b>110,956</b>	<b>35,755</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

**055 - JOHNSON RANCH WDS**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER		1,279	1,279
OVT/LBR- OTHER		905	905
<b>Total LABOR</b>		<b>2,184</b>	<b>2,184</b>
<b>MATERIAL:</b>			
M&R MAT- METERS	600	25,000	24,400
M&R/MAT- PUMPS AND MOTORS	250	250	
M&R/MAT- SCADA	500	500	
M&R/MAT- WATER SYSTEM	1,000	10,000	9,000
M&R/MAT- DISTRIBUTION SYSTEM	1,000	10,000	9,000
<b>Total MATERIAL</b>	<b>3,350</b>	<b>45,750</b>	<b>42,400</b>
<b>SERVICES:</b>			
M&R/SER- METERS	150	600	450
M&R/SER- PUMPS AND MOTORS	500	250	(250)
M&R/SER- SCADA	500	500	
M&R/SER- WATER SYSTEM	1,000	1,000	
M&R/SER- DISTRIBUTION SYSTEM	1,000	1,000	
<b>Total SERVICES</b>	<b>3,150</b>	<b>3,350</b>	<b>200</b>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>6,500</b>	<b>51,284</b>	<b>44,784</b>

# **Western Canyon Division**

## **Johnson Ranch Wastewater Treatment Plant System**

### **Operating Plan For Fiscal Year Ending 8/31/16**

#### **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 35 to 40 residential customers of the Johnson Ranch Water Distribution System, plus the Comal I.S.D. elementary school is a customer of the system. The related Johnson Ranch Wastewater Treatment Plant System is under development. Until the Wastewater plant is operational, the wastewater is disposed of by truck transport. The new Wastewater Plant should be accepting and treating wastewater starting in FY 2016. Construction of new homes will continue for years to come.

#### **REVENUE SOURCES AND TRENDS**

Revenues will be obtained through connection fees for wastewater service, tap fees, monthly wastewater service fees and charges to developers. Revenues from customers are projected to be \$70,000 during FY 2016, with an additional \$40,000 from sewer connection and inspection fees, while the developer of Johnson Ranch is projected to contribute an additional \$12,913 pursuant to “true up” provisions in their development contract with GBRA.

#### **CAPITAL ADDITIONS AND OPERATING EXPENSES**

The principal operating expenses during the early startup phase of this new plant are personnel costs in the amount of \$68,325. Another significant operating cost is normal operations and maintenance cost estimated at \$38,600.

#### **FUND BALANCE**

Funds for the above listed other operating expenditures that are summarized in the following pages will be provided using revenues from customer billings supplemented with charges to the developer. Since wastewater rates and the resulting revenues, including any year-end budget-to-actual make up payments from the developer, are based upon the operating costs of the System, the resultant change in fund balance amounts to \$0.

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**056 - JOHNSON RANCH WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WASTEWATER SERVICES:</b>			
SEWER FEES-JOHNSON RANCH WWTP	13,500	70,000	56,500
<b>Total WASTEWATER SERVICES</b>	<b>13,500</b>	<b>70,000</b>	<b>56,500</b>
<b>MISCELLANEOUS INCOME:</b>			
SEWER CONNECT/INSPECT FEE-CO	13,750	40,000	26,250
CHARGES TO DEVELOPERS	39,996	12,913	(27,083)
<b>Total MISCELLANEOUS INCOME</b>	<b>53,746</b>	<b>52,913</b>	<b>(833)</b>
<b>TOTAL OPERATING REVENUES</b>	<b>67,246</b>	<b>122,913</b>	<b>55,667</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	3,737	3,799	62
SUPERVISION	275	2,036	1,761
LABOR	13,853	40,433	26,580
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>17,865</b>	<b>46,268</b>	<b>28,403</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	250	250	
EMPLOYEE BENEFITS	7,235	19,623	12,387
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>7,485</b>	<b>19,873</b>	<b>12,387</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	250	250	
DUES & MEMBERSHIPS	50	50	
PUBLICATIONS AND BOOKS	50	50	
SMALL TOOLS EXPENSE	300	300	
UNIFORMS AND LAUNDRY	50	50	
BIOSOLID DISPOSAL COSTS	2,500	4,000	1,500
TRAINING EXPENSES	300	300	
SAFETY & EMERG. EXPENSE	200	200	
SECURITY EXPENSE	250	250	
POWER & UTILITIES	4,800	4,800	
AUXILLARY POWER EXPENSE	1,000	1,000	
CHLORINE	250	500	250
ALUM/FERRIC/CITRIC ACID	1,000	1,000	
LAB SUPPLIES & EXPENSES	5,000	5,000	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**056 - JOHNSON RANCH WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
PROFESSIONAL FEES	450	450	
INSPECTION/TESTING FEES	1,000	1,000	
COMMUNICATIONS	300	300	
OFFICE SUPPLIES & EXPENSES	200	200	
COMPUTER SUPPLIES & SERVICES	500	1,000	500
INSURANCE EXPENSE	2,200	2,300	100
MISCELLANEOUS EXPENSES	250	500	250
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>20,900</b>	<b>23,500</b>	<b>2,600</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR		2,184	2,184
MATERIAL	6,100	6,100	
SERVICES	9,000	9,000	
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>15,100</b>	<b>17,284</b>	<b>2,184</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>61,350</b>	<b>106,924</b>	<b>45,574</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	5,895	15,989	10,093
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>5,895</b>	<b>15,989</b>	<b>10,093</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>67,246</b>	<b>122,913</b>	<b>55,667</b>
<b>NET OPERATING INCOME</b>	<b>0</b>	<b>0</b>	<b>()</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**056 - JOHNSON RANCH WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	67,246	122,913	55,667
OPERATING EXPENSES	(67,246)	(122,913)	(55,667)
<b>NET OPERATING INCOME</b>	<b>0</b>	<b>0</b>	<b>()</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>			
<b>CHANGE IN NET ASSETS</b>	<b>0</b>	<b>0</b>	<b>()</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
<b>TOTAL FUNDS AVAILABLE</b>	<b>0</b>	<b>0</b>	<b>()</b>
<b>PURCHASES OF FIXED ASSETS</b>			
<b>WORK IN PROGRESS</b>			
<b>DEBT SERVICE</b>			
<b>TOTAL FUNDS APPLIED</b>			
<b>NET CHANGE IN FUND BALANCE</b>	<b>0</b>	<b>0</b>	<b>()</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**056 - JOHNSON RANCH WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	1,685	1,403	(282)
STA- CLERICAL	2,052	2,396	343
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>3,737</b>	<b>3,799</b>	<b>62</b>
<b>SUPERVISION:</b>			
SUPERVISION	275	2,036	1,761
<b>Total SUPERVISION</b>	<b>275</b>	<b>2,036</b>	<b>1,761</b>
<b>OPERATING LABOR:</b>			
CLERICAL	281	319	38
REG- OPERATING LABOR	12,168	35,019	22,851
OVT- OPERATING LABOR	1,404	5,095	3,691
<b>Total OPERATING LABOR</b>	<b>13,853</b>	<b>40,433</b>	<b>26,580</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER		1,279	1,279
<b>Total M&amp;R-LABOR</b>		<b>1,279</b>	<b>1,279</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER		905	905
<b>Total M&amp;R-OVERTIME</b>		<b>905</b>	<b>905</b>
<b>Total MAINTENANCE &amp; REPAIR</b>		<b>2,184</b>	<b>2,184</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>	<b>17,865</b>	<b>48,451</b>	<b>30,586</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**056 - JOHNSON RANCH WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER		1,279	1,279
OVT/LBR- OTHER		905	905
<b>Total LABOR</b>		<b>2,184</b>	<b>2,184</b>
<b>MATERIAL:</b>			
PUMPS & MOTORS	500	500	
WWTP BIOSOLIDS REMOVAL	100	100	
WWTP SCADA	1,000	1,000	
SEWER LINE	1,000	1,000	
WWTP MAINT EXPENSE	3,500	3,500	
<b>Total MATERIAL</b>	<b>6,100</b>	<b>6,100</b>	
<b>SERVICES:</b>			
M&R/SER- PUMPS AND MOTORS	500	500	
M&R/SER- WWTP BIOSOLIDS REMOVA	2,000	2,000	
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	
<b>Total SERVICES</b>	<b>9,000</b>	<b>9,000</b>	
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>15,100</b>	<b>17,284</b>	<b>2,184</b>



# **Western Canyon Division**

## **Bulverde Singing Hills Wastewater Reclamation System**

### **Operating Plan for Fiscal Year Ending 8/31/16**

#### **BACKGROUND**

The following Work Plan and Budget is based on the treatment of an average sewage flow of 14.965 million gallons per year or 0.041 million gallons per day.

GBRA has made the following assumptions in the Work Plan and Budget. The Bulverde Singing Hills Wastewater Reclamation Facility consists of retail wastewater collection, wastewater treatment plant and reuse system. Three operators will divide their time between the Cordillera Ranch, Johnson Ranch, Comal Trace and Bulverde Singing Hills Wastewater Reclamation System. The Division Manager for Comal/ Kendall Counties provides overall supervision of 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.

#### **REVENUE SOURCES AND TRENDS**

The contract between the City of Bulverde 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 the City of Bulverde. This revenue will be delivered by GBRA to the City of Bulverde each month following its collection from the retail customers. The contract also provides that GBRA will bill the City of Bulverde the actual cost of operating and maintaining the plant. As a result, revenue from the City of Bulverde 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 13-month FY 2016 budget year and the treatment of 14,965,000 gallons. The budgeted FY 2016 service revenue for the Bulverde Singing Hills Wastewater System is \$131,987.

#### **CAPITAL ADDITIONS AND OPERATING EXPENDITURES**

The combined capital additions and operating expenditure budget for FY 2016 amounts to \$131,987.

Significant operating and maintenance expenses are power costs of \$6,734, bio-solids disposal of \$4,000, lab supplies and expenses of \$14,342, and administrative services fees of \$5,400 to be paid to Canyon Lake Water Service Company for collection of monthly sewer bills to customers. Significant maintenance expenses include contracted services to operate the irrigation equipment, grounds-keeping, predictive maintenance and emergency generator. Equipment purchases consist of safety equipment associated with the use of chlorine as a disinfectant. A chlorine cylinder repair kit will be purchased along with some lab equipment.

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 \$2,000 for insurance. The budget also includes the standard administration and general cost percentage charged to all operating divisions of GBRA, which for the Bulverde Singing Hills Wastewater System amounts to \$12,641 for FY 2016.

#### **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 Bulverde. The net increase in the fund balance that GBRA anticipates in the Bulverde Singing Hills Wastewater System is \$0.

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**057 - BULVERDE SINGING HILLS WWRS**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WASTEWATER SERVICES:</b>			
PLANT O & M EXPENSES		131,987	131,987
<b>Total WASTEWATER SERVICES</b>		<b>131,987</b>	<b>131,987</b>
<b>TOTAL OPERATING REVENUES</b>		<b>131,987</b>	<b>131,987</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE		15,380	15,380
SUPERVISION		1,588	1,588
LABOR		18,696	18,696
<b>Total OPERATING SALARIES &amp; WAGES</b>		<b>35,664</b>	<b>35,664</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL		240	240
EMPLOYEE BENEFITS		15,514	15,514
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>		<b>15,754</b>	<b>15,754</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES		1,950	1,950
DUES & MEMBERSHIPS		50	50
PUBLICATIONS AND BOOKS		60	60
SMALL TOOLS EXPENSE		1,200	1,200
TRACTORS & EQUIPMENT		1,000	1,000
UNIFORMS AND LAUNDRY		150	150
PROCESS/SPECIAL OPERATING		540	540
BIOSOLID DISPOSAL COSTS		4,000	4,000
TRAINING EXPENSES		120	120
SAFETY & EMERG. EXPENSE		1,000	1,000
POWER & UTILITIES		6,734	6,734
OPERATING CHEMICALS		500	500
CHLORINE		508	508
ALUM/FERRIC/CITRIC ACID		1,000	1,000
POLYMER		1,200	1,200
LAB SUPPLIES & EXPENSES		14,342	14,342
PROFESSIONAL FEES		1,300	1,300
INSPECTION/TESTING FEES		1,562	1,562
COMMUNICATIONS		1,200	1,200
OFFICE SUPPLIES & EXPENSES		850	850

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**057 - BULVERDE SINGING HILLS WWRS**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
COMPUTER SUPPLIES & SERVICES		120	120
ADMIN FEES-Canyon Lake WSC		5,400	5,400
INSURANCE EXPENSE		2,000	2,000
MISCELLANEOUS EXPENSES		500	500
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>		<b>47,286</b>	<b>47,286</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR		2,642	2,642
MATERIAL		8,000	8,000
SERVICES		10,000	10,000
<b>Total MAINTENANCE &amp; REPAIR</b>		<b>20,642</b>	<b>20,642</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>		<b>119,346</b>	<b>119,346</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES		12,641	12,641
<b>Total ADMINISTRATIVE &amp; GENERAL</b>		<b>12,641</b>	<b>12,641</b>
<b>TOTAL OPERATING EXPENSES</b>		<b>131,987</b>	<b>131,987</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**057 - BULVERDE SINGING HILLS WWRS**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES		131,987	131,987
OPERATING EXPENSES		(131,987)	(131,987)
<b>NET OPERATING INCOME</b>			
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>			
<b>CHANGE IN NET ASSETS</b>			
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
<b>TOTAL FUNDS AVAILABLE</b>			
<b>PURCHASES OF FIXED ASSETS</b>			
<b>WORK IN PROGRESS</b>			
<b>DEBT SERVICE</b>			
<b>TOTAL FUNDS APPLIED</b>			
<b>NET CHANGE IN FUND BALANCE</b>			

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**057 - BULVERDE SINGING HILLS WWRS**

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION		11,943	11,943
STA- CLERICAL		3,436	3,436
<b>Total STAFF TECHNICAL ASSISTANCE</b>		<b>15,380</b>	<b>15,380</b>
<b>SUPERVISION:</b>			
SUPERVISION		1,588	1,588
<b>Total SUPERVISION</b>		<b>1,588</b>	<b>1,588</b>
<b>OPERATING LABOR:</b>			
CLERICAL		505	505
REG- OPERATING LABOR		15,428	15,428
OVT- OPERATING LABOR		2,763	2,763
<b>Total OPERATING LABOR</b>		<b>18,696</b>	<b>18,696</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER		1,737	1,737
<b>Total M&amp;R-LABOR</b>		<b>1,737</b>	<b>1,737</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER		905	905
<b>Total M&amp;R-OVERTIME</b>		<b>905</b>	<b>905</b>
<b>Total MAINTENANCE &amp; REPAIR</b>		<b>2,642</b>	<b>2,642</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>		<b>38,306</b>	<b>38,306</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**057 - BULVERDE SINGING HILLS WWRS**

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER		1,737	1,737
OVT/LBR- OTHER		905	905
<b>Total LABOR</b>		<b>2,642</b>	<b>2,642</b>
<b>MATERIAL:</b>			
M&R/MAT- MAINT EXPENSES		8,000	8,000
<b>Total MATERIAL</b>		<b>8,000</b>	<b>8,000</b>
<b>SERVICES:</b>			
M&R/SER- MAINT EXPENSES		10,000	10,000
<b>Total SERVICES</b>		<b>10,000</b>	<b>10,000</b>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>		<b>20,642</b>	<b>20,642</b>



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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  
WESTERN CANYON DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WATER SALES &amp; LAKE OPERATIONS:</b>			
WATER SALES	705,600	837,000	131,400
WHOLESALE WATER SALES	3,815,500	3,843,500	28,000
<b>Total WATER SALES &amp; LAKE OPERATIONS</b>	<b>4,521,100</b>	<b>4,680,500</b>	<b>159,400</b>
<b>WASTEWATER SERVICES:</b>			
PLANT O & M EXPENSES	167,100	362,295	195,195
<b>Total WASTEWATER SERVICES</b>	<b>167,100</b>	<b>362,295</b>	<b>195,195</b>
<b>MISCELLANEOUS INCOME:</b>			
SEWER CONNECT/INSPECT FEE	56,400	167,025	110,625
SEWER CONNECT/INSPECT FEE-CO	82,750	109,000	26,250
CHARGES TO DEVELOPERS	157,278	60,591	(96,687)
MISCELLANEOUS REVENUES	2,900	13,167	10,267
<b>Total MISCELLANEOUS INCOME</b>	<b>299,328</b>	<b>349,783</b>	<b>50,455</b>
<b>TOTAL OPERATING REVENUES</b>	<b>4,987,528</b>	<b>5,392,578</b>	<b>405,050</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	129,078	149,632	20,554
SUPERVISION	114,400	113,461	(939)
LABOR	343,865	390,149	46,284
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>587,343</b>	<b>653,242</b>	<b>65,899</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	8,184	8,490	306
EMPLOYEE BENEFITS	289,527	307,004	17,477
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>297,711</b>	<b>315,494</b>	<b>17,783</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	24,207	27,750	3,543
EQUIPMENT RENTAL	2,000	2,500	500
DUES & MEMBERSHIPS	1,175	1,225	50
PUBLICATIONS AND BOOKS	525	585	60
SMALL TOOLS EXPENSE	11,910	13,120	1,210
TRACTORS & EQUIPMENT	2,500	4,000	1,500
WATER METERS	41,000	21,500	(19,500)
UNIFORMS AND LAUNDRY	4,842	5,150	308

**GUADALUPE-BLANCO RIVER AUTHORITY  
WESTERN CANYON DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
PROCESS/SPECIAL OPERATING	500	1,040	540
BIOSOLID DISPOSAL COSTS	157,500	168,000	10,500
TRAINING EXPENSES	7,100	8,220	1,120
SAFETY & EMERG. EXPENSE	8,454	9,650	1,196
SECURITY EXPENSE	4,350	4,350	
POWER & UTILITIES	504,400	480,134	(24,266)
POWER & UTILITIES-RAW WATER	756,413	800,000	43,587
POWER & UTILITIES-AMMAN RD	158,385	160,000	1,615
POWER & UTILITIES-FM3351	8,418	9,500	1,082
AUXILLARY POWER EXPENSE	8,000	9,000	1,000
OPERATING CHEMICALS	700	1,200	500
CHLORINE	20,750	21,508	758
ALUM/FERRIC/CITRIC ACID	301,000	287,000	(14,000)
POLYMER		6,200	6,200
SODIUM BISULFATE	3,500		(3,500)
SODIUM HYDROXIDE	20,000	20,000	
SODIUM HYPOCHLORITE	30,000	30,000	
LAB SUPPLIES & EXPENSES	62,218	84,167	21,949
C.I.P. DISPOSAL EXPENSES	104,000	85,000	(19,000)
PROFESSIONAL FEES	41,750	43,050	1,300
CONTRACT LABOR	5,000	5,000	
CORDILLERA PLANT EXPENSES	1,000	1,000	
INSPECTION/TESTING FEES	8,141	9,702	1,561
COMMUNICATIONS	13,700	14,900	1,200
OFFICE SUPPLIES & EXPENSES	5,800	9,650	3,850
COMPUTER SUPPLIES & SERVICES	14,047	14,920	873
BANK SERVICE FEES	1,000	1,000	
ADMIN FEES-Canyon Lake WSC		5,400	5,400
INSURANCE EXPENSE	55,300	60,100	4,800
MISCELLANEOUS EXPENSES	4,350	5,600	1,250
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>2,393,935</b>	<b>2,431,121</b>	<b>37,186</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	127,539	104,793	(22,746)
MATERIAL	219,991	341,650	121,659
SERVICES	242,200	259,900	17,700
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>589,730</b>	<b>706,343</b>	<b>116,613</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>3,868,719</b>	<b>4,106,200</b>	<b>237,482</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	235,911	250,151	14,240

**GUADALUPE-BLANCO RIVER AUTHORITY  
WESTERN CANYON DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>235,911</b>	<b>250,151</b>	<b>14,240</b>
<b>WATER PURCHASES/DELIVERY:</b>			
INTERDIVISION WATER PURCH	330,775	391,525	60,750
INTERDIV WATER PURCH-RAW	39,000	50,000	11,000
<b>Total WATER PURCHASES/DELIVERY</b>	<b>369,775</b>	<b>441,525</b>	<b>71,750</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>4,474,404</b>	<b>4,797,876</b>	<b>323,472</b>
<b>NET OPERATING INCOME</b>	<b>513,124</b>	<b>594,701</b>	<b>81,578</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WESTERN CANYON DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	4,987,528	5,392,578	405,050
OPERATING EXPENSES	(4,474,404)	(4,797,876)	(323,472)
<b>NET OPERATING INCOME</b>	<b>513,124</b>	<b>594,701</b>	<b>81,578</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON OPERATING FUND	9,060	12,960	3,900
<b>Total INTEREST INCOME</b>	<b>9,060</b>	<b>12,960</b>	<b>3,900</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>9,060</b>	<b>12,960</b>	<b>3,900</b>
<b>CHANGE IN NET ASSETS</b>	<b>522,184</b>	<b>607,661</b>	<b>85,478</b>
<b>CHANGE IN RESTRICTED FUNDS</b>	<b>33,500</b>		<b>(33,500)</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
EQUIPMENT LOANS	31,000		(31,000)
<b>Total DEBT CAPITAL</b>	<b>31,000</b>		<b>(31,000)</b>
<b>TOTAL FUNDS AVAILABLE</b>	<b>586,684</b>	<b>607,661</b>	<b>20,978</b>
<b>PURCHASES OF FIXED ASSETS</b>			
STRUCTURES & IMPROVEMENTS	30,000	30,000	
SPECIALIZED OPER. EQUIPMENT		93,000	93,000
AUTO & HEAVY EQUIPMENT	77,200	12,000	(65,200)
OFFICE FURN & EQUIPMENT	142,000	32,000	(110,000)
MISCELLANEOUS EQUIPMENT	328,000	360,000	32,000
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>577,200</b>	<b>527,000</b>	<b>(50,200)</b>
<b>WORK IN PROGRESS</b>			
<b>DEBT SERVICE</b>			
<b>TOTAL FUNDS APPLIED</b>	<b>577,200</b>	<b>527,000</b>	<b>(50,200)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WESTERN CANYON DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>9,484</b>	<b>80,661</b>	<b>71,178</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WESTERN CANYON DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	96,563	103,567	7,005
STA- CLERICAL	32,515	46,065	13,550
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>129,078</b>	<b>149,632</b>	<b>20,554</b>
<b>SUPERVISION:</b>			
SUPERVISION	114,400	113,461	(939)
<b>Total SUPERVISION</b>	<b>114,400</b>	<b>113,461</b>	<b>(939)</b>
<b>OPERATING LABOR:</b>			
CLERICAL	2,248	2,922	674
REG- OPERATING LABOR	282,043	321,778	39,735
OVT- OPERATING LABOR	59,575	65,450	5,875
<b>Total OPERATING LABOR</b>	<b>343,865</b>	<b>390,149</b>	<b>46,284</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	114,251	92,508	(21,744)
<b>Total M&amp;R-LABOR</b>	<b>114,251</b>	<b>92,508</b>	<b>(21,744)</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER	13,287	12,285	(1,002)
<b>Total M&amp;R-OVERTIME</b>	<b>13,287</b>	<b>12,285</b>	<b>(1,002)</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>127,539</b>	<b>104,793</b>	<b>(22,746)</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>	<b>714,881</b>	<b>758,035</b>	<b>43,153</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WESTERN CANYON DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	114,251	92,508	(21,744)
OVT/LBR- OTHER	13,287	12,285	(1,002)
<b>Total LABOR</b>	<b>127,539</b>	<b>104,793</b>	<b>(22,746)</b>
<b>MATERIAL:</b>			
M&R/MAT- BRUMLEY WELL	1,000	1,500	500
M&R/MAT- GLENWOOD WELL	1,000	1,500	500
M&R MAT- METERS	22,700	47,100	24,400
M&R/MAT- COMAL WATER COMPANY	500	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	
PUMPS & MOTORS	16,491	16,750	259
M&R/MAT- COMPRESSED AIR SYSTEM	4,500	4,500	
M&R/MAT- TRUCK	1,000	2,000	1,000
M&R/MAT- TOOLS & EQUIPMENT	2,000	3,000	1,000
M&R/MAT- EQUIPMENT	1,400	1,400	
M&R/MAT- BULVERDE WTR METERS	500	2,000	1,500
M&R/MAT- METERS	8,500	8,500	
WWTP BIOSOLIDS REMOVAL	600	600	
WWTP SCADA	11,000	55,000	44,000
M&R/MAT- WELLS	3,000	3,000	
M&R/MAT- MEMBRANE SYSTEM	60,000	55,000	(5,000)
M&R/MAT- FLOC	1,000	1,500	500
M&R/MAT- R.W. PUMP STATION	12,000	12,000	
M&R/MAT- WATER SYSTEM	15,500	24,500	9,000
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	8,000	35,000	27,000
SEWER LINE	4,000	4,000	
M&R/MAT- DISTRIBUTION SYSTEM	10,000	19,000	9,000
M&R/MAT- MAINT EXPENSES	7,000	15,000	8,000
M&R/MAT- OTHER	2,500	2,500	
<b>Total MATERIAL</b>	<b>219,991</b>	<b>341,650</b>	<b>121,659</b>
<b>SERVICES:</b>			
M&R/SER- BRUMLEY WELL	10,000	10,000	
M&R/SER- GLENWOOD WELL	10,000	10,000	
M&R/SER- METERS	4,500	4,950	450
M&R/SER- COMAL WATER COMPANY	500	500	
M&R/SER- PUMPS	3,500	3,500	



**GUADALUPE-BLANCO RIVER AUTHORITY  
WESTERN CANYON DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
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	42,000	41,750	(250)
M&R/SER- COMPRESSED AIR SYSTEM	25,000	25,000	
M&R/SER- TRUCK	1,000	1,000	
M&R/SER- TOOLS & EQUIPMENT	500	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- WWTP BIOSOLIDS REMOVA	4,000	4,000	
M&R/SER- WWTP SCADA	12,500	20,000	7,500
M&R/SER- WELLS	10,000	10,000	
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 PUMP	8,000	8,000	
M&R/SER- SEWER LINE	2,500	2,500	
M&R/SER- DISTRIBUTION SYSTEM	5,000	5,000	
M&R/SER- MAINT EXPENSES	8,000	18,000	10,000
M&R/SER- OTHER	5,450	5,450	
<b>Total SERVICES</b>	<b>242,200</b>	<b>259,900</b>	<b>17,700</b>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>589,730</b>	<b>706,343</b>	<b>116,613</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WESTERN CANYON DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016**

	<b>FY 2016 BUDGET</b>
<b>WATER METERS &amp; EQUIPMENT</b>	
METER READER SYSTEM UPGRADE	18,000
SCADA UPGRADES	75,000
<b>Total WATER METERS &amp; EQUIPMENT</b>	<b>93,000</b>
 <b>OFFICE FURN. &amp; EQUIP.</b>	
TTHM ANALYZER	32,000
<b>Total OFFICE FURN. &amp; EQUIP.</b>	<b>32,000</b>
 <b>MISCELLANEOUS EQUIPMENT</b>	
REPLACEMENT MODULES	360,000
<b>Total MISCELLANEOUS EQUIPMENT</b>	<b>360,000</b>
 <b>STRUCTURES &amp; IMPROVEMENTS</b>	
NEW 12 INCH VALVE - RIO CORDILLERA	10,000
UNIT 104 TANK REPLACEMENT	20,000
<b>Total STRUCTURES &amp; IMPROVEMENTS</b>	<b>30,000</b>
 <b>AUTO &amp; HEAVY EQUIPMENT</b>	
INSTALL TWO PRESSURE REDUCING VALVES	12,000
<b>Total AUTO &amp; HEAVY EQUIPMENT</b>	<b>12,000</b>
 <b>TOTAL CAPITAL ADDITIONS</b>	<b>527,000</b>



# *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.

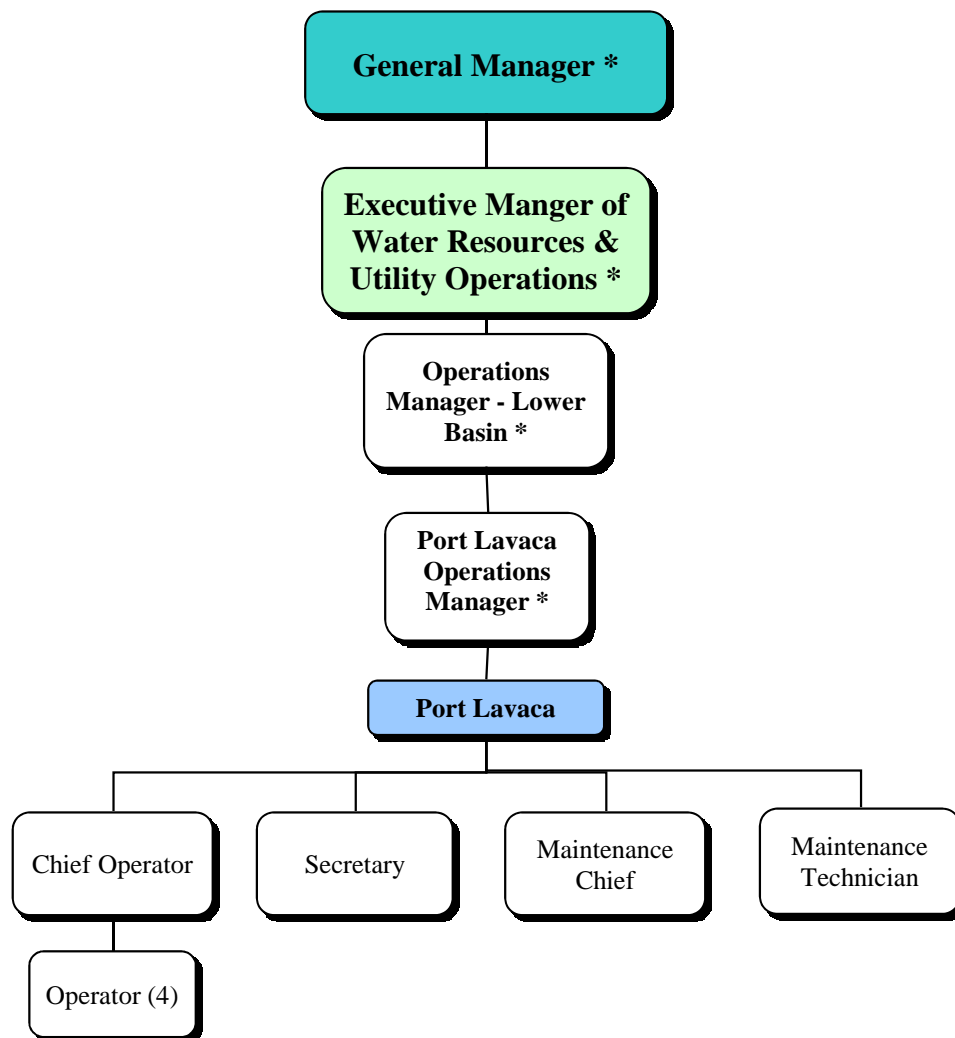
In addition, division staff works with customers and the public to promote water resource education and sound conservation practices.

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• Service Provided:	Water treatment	• Capacity:	6 mgd
• Location:	Port Lavaca, TX	• # of Current Employees:	8
• Startup Operation Date:	1970	• Budgeted Revenue:	\$1,593,781
• Principal Customer:	City of Port Lavaca	• Expanded:	1993



## Port Lavaca WTP Division Organizational Chart



\* GBRA employee from another 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, and to conduct discussions with the City of Port Lavaca regarding water supply contract renewal.

***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.

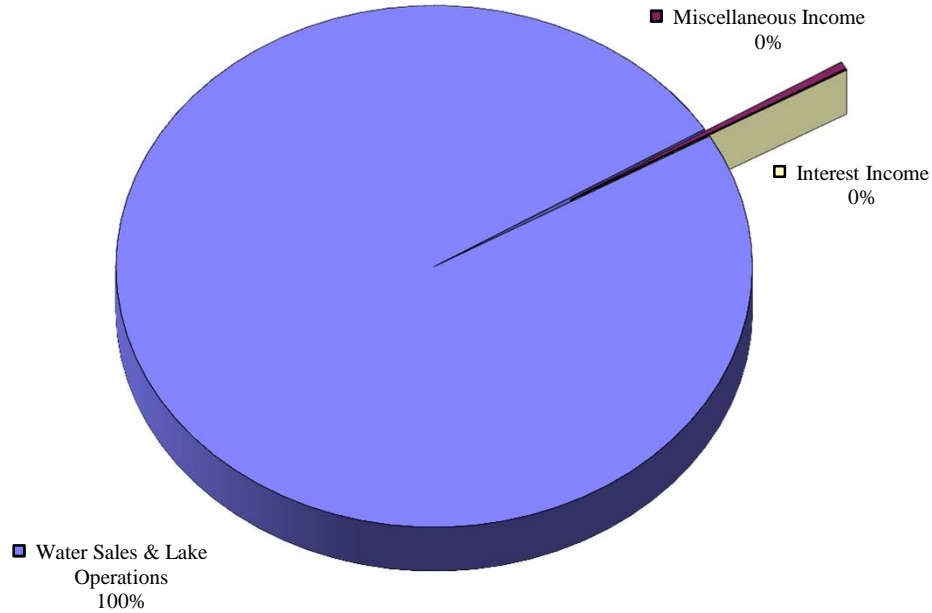
***COMMUNICATION AND EDUCATION***

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 2014 Actual	FY 2015 Budget	FY 2016 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	1,700,693	1,755,841	1,586,581
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	10,965	5,520	7,200
<b>Total Operating Revenue</b>	<b>1,711,658</b>	<b>1,761,361</b>	<b>1,593,781</b>
Interest Income	735	1,860	520
<b>Grand Total Revenues</b>	<b>1,712,393</b>	<b>1,763,221</b>	<b>1,594,301</b>



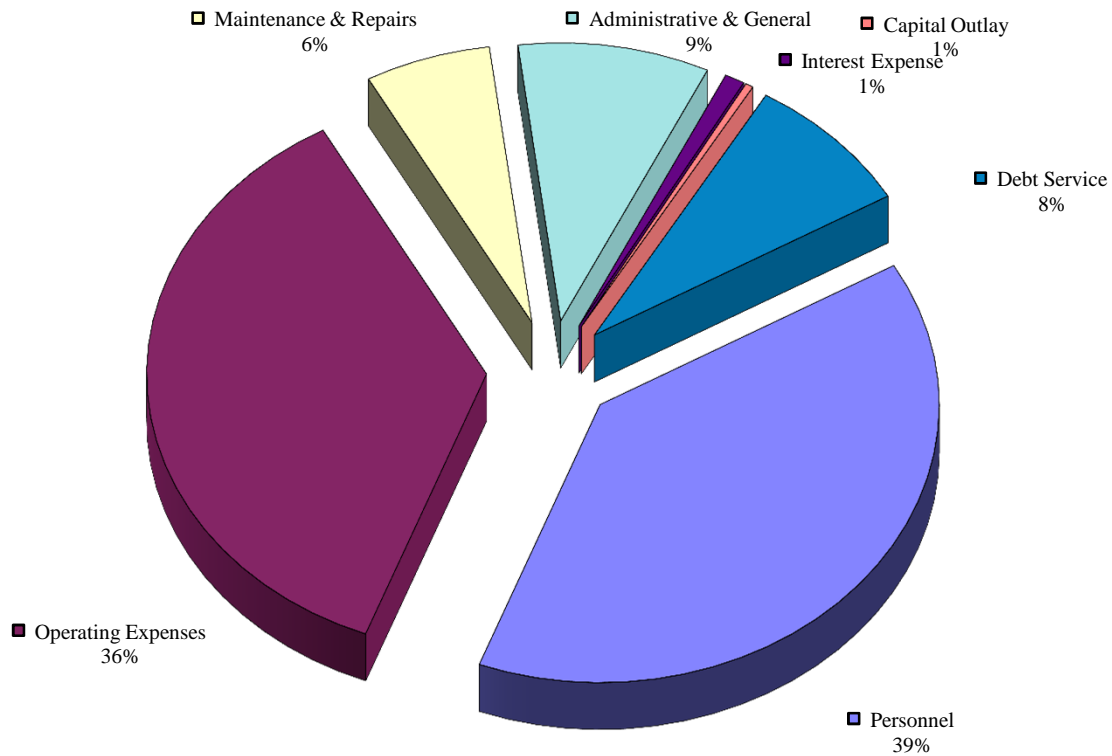


## Fiscal Year 2016 Budget

*flowing solutions*

### Budget Summary

#### EXPENSES - Port Lavaca



Expenses	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Personnel	543,485	590,608	624,528
Operating Expenses	540,508	563,598	578,205
Maintenance & Repairs	112,643	85,974	95,526
Administrative & General	126,594	138,109	145,841
<b>Total Operating Expenses</b>	<b>1,323,230</b>	<b>1,378,289</b>	<b>1,444,100</b>
Interest Expense	28,104	22,016	15,136
Capital Outlay	54,346		6,000
Debt Service	365,929	313,416	131,206
<b>Grand Total Expenses</b>	<b>1,771,610</b>	<b>1,713,721</b>	<b>1,596,442</b>



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## **Port Lavaca Water Treatment Plant Division Operating Plan for Fiscal Year Ending 8/31/16**

### **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 Division, 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, first signed into law in 1974 and reauthorized and amended in 1986 and 1996. 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. Many of the residential and commercial customers in Port O'Connor were former customers of the Rural Water System and had received treated water from the Plant.

The source raw water for the Plant is delivered from the Guadalupe River through GBRA's Water Supply Division and the Calhoun Canal System. The City of Port Lavaca, the Rural Water System, and the POC ID also contract with the Water Supply Division of GBRA for stored water from Canyon Reservoir.

In fiscal year 2008, a comprehensive study reviewed the potential for residential and commercial growth in the southern areas of Calhoun County. The total number of retail connections served by the Plant was nearing the theoretical limit imposed by the federal standard, with new or planned residential developments expected to continue a pattern of incremental growth in the number of customers served. Because the Plant continued to handle all demand very efficiently, an expansion of the plant would have yielded little in terms of benefits for the substantial funding required. Therefore GBRA, in consultation with the City of Port Lavaca and the Calhoun County Rural Water Corporation's Board of Directors, contracted with Malcolm Pirnie Engineering for a study of actual distribution system demand as compared to the standard requirement of 0.6 gallons per minute per connection. This effort proved quite successful, with the reduced demand factors being officially approved by the TCEQ. Re-rating of the Treatment Plant itself in terms of total demand placed upon the facility was also completed in June 2010 with TCEQ approving a lower demand formula for total connections served. An established "equivalency ratio" allows a continuing analysis of plant demand as compared to wholesale customers' contractual entitlement. In 2011 and 2014, the City of Port Lavaca increased its daily contractual commitment in order to fully comply with the TCEQ requirement for coverage of consumer demand and in 2012 Port O'Connor also increased its contractual commitment to insure compliance.

The original water supply contract of 1968 as subsequently amended and conformed at various times is to remain in effect until all of the original construction and subsequent improvements and corresponding indebtedness as mutually agreed to are paid in full, with the present schedule indicating such completion as occurring 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 2015, GBRA and representatives of the City of Port Lavaca have engaged in discussions to review the water supply contract and 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.

The Plant will be managed by the Operations Manager - Lower Basin and supervised by the Manager of Port Lavaca Operations. Employees of the Division are responsible for daily operating and maintenance activities. The Plant is operated and maintained by a Chief Operator, four shift Operators, and a Maintenance Crew 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 or businesses of GBRA that are headquartered at GBRA's Port Lavaca office.

In 2014 and 2015, GBRA staff assisted the City of Point Comfort in providing intermittent supervision for their surface water treatment plant to insure their compliance with licensed operator requirements. Water treatment plants and distribution systems are struggling with compensation issues for qualified and licensed operators, as competition for these skills heats up with the demand for such services emanating from larger municipalities, and the Eagle Ford Shale oil and gas exploration and production activity in neighboring counties. While higher wages are always a sensitive subject for consumers, the benefits of a stable operator corps must be weighed against the downside of potential and gradual attrition of staff as they consider higher paying jobs elsewhere.

This Work Plan and Budget describes the operations, maintenance and capital additions to be performed during FY 2016. 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 significantly exceed (are better than) current federal standards and closely approach the ultimate objective of optimized treatment considered desirable by industry experts. Testing of the raw water source for the "crypto" spore pathogen, a causative factor for gastrointestinal illnesses, was concluded in 2008 (the EPA's LT2 Surface Water Monitoring Program) and allowed GBRA to assume a "Bin 1" (low risk) position. A second round of testing for the larger systems serving in excess of 100-thousand populations will begin in 2015. The TCEQ's schedule indicates that the GBRA Port Lavaca Water Treatment Plant and other systems in Texas serving from 10-thousand to 50-thousand people will not begin until October 2016, so no funding is included for that effort in this, the 2016 fiscal year budget. Required monthly sampling and testing continues to show that the plant process is providing the required reduction of total organic carbon (TOC) in the source water. The challenge for all drinking water treatment plants continues to lie in the prevention of waterborne diseases through optimum settling, filtration, and disinfection of the source water, while simultaneously minimizing disinfection byproducts. These goals are not always mutually supportive. Even so, the high quality of the drinking water produced by the GBRA Port Lavaca Water Treatment Plant and the capabilities of its staff provide confidence that applicable drinking water regulations will continue to be met. Chloramines, a compound of chlorine and ammonia, is used as the primary disinfecting agent in the plant's treatment process. In recent years, "free" chlorine has been substituted for chloramines as a system disinfectant for a brief period of time during the summer months, as recommended by TCEQ (Texas Commission on Environmental Quality) to reduce ammonia levels in the distribution systems. Required documentation for the federal government's risk management program for hazardous substances such as chlorine gas was comprehensively and successfully updated in fiscal year 2010 and more recently in 2014 by the GBRA supervisory staff, upon the advice and guidance of Municipal H2O Inc., a consulting firm specializing in the requirements for this strict EPA documentation and inspection program.

A new 1.0 million gallon capacity clearwell for finished water was completed in 2008. The new # 2 clearwell provides sufficient capacity for storage and thus satisfactorily resolved concerns associated with both dependability and existing regulatory requirements. Meanwhile, the old clearwell continues to be maintained on a temporary basis with an improved cathodic protection system, but the window of time for a final decision on its ultimate disposition— repair, replace, or demolish— is closing. Doubling the storage capacity through rehabilitation of the old clearwell would provide great flexibility and redundancy for plant operations and delivery to the Plant's wholesale customers and any future maintenance on the new clearwell would require such a reserve water source. Therefore, a nominal amount of \$3,600 is included in the new

budget to keep the cathodic protection up to date. To clarify, rehabilitation of the tank is now far more plausible because the complexity associated with standby storage was completely resolved upon completion of the second clearwell.

Investigation of groundwater seepage in the subfloor of the Plant's lower level was conducted by Mercer Engineering in 2014. Modest repairs were made on the piping and mitigation of the problem was managed.

In an ongoing effort to improve overall safety on GBRA campuses and facilities, and to protect treated water supplies, GBRA staff continues to make security improvements. Surveillance cameras and an alarm system were installed in the 2014. A new roller gate for the security fencing is being installed in the current fiscal year. Sister divisions at this facility— GBRA's Rural Water System and Canal Division— will share equally in the cost by reimbursement to the Plant as a "miscellaneous revenue".

## **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. This arrangement provides that GBRA does not over-recover nor under-recover the costs of operating the plant. Revenue from the pro-rata shares reflect plant operating costs that may in turn be impacted by outside variables including stricter regulatory requirements. Even so, budgeted revenues from year to year have been reasonably stable. However the FY 2016 revenue is budgeted at \$1,593,781 which compares to a FY 2015 revenue budget of \$1,761,361, which is a \$167,580 or 9.51% decrease. The principle reason for this significant budget reduction is the final payoff of the plant's bonded indebtedness during the first quarter of FY 2016.

The science of meteorology indicates that Texas is experiencing a wet trend in the midst of a long term dry period that has lasted almost a decade. In 2011, conditions were severe, with rainfall totals approximately 25% of normal. The current year's rains have provided a measure of relief. In 2014 GBRA revised its drought contingency and water conservation plans to more accurately reflect the supply and demand for basin water. More stringent stages of conservation, generally voluntary and advisory in nature, would be implemented if or when water supplies decrease to more critical levels. GBRA entered into Stage I of the Drought Contingency Plan on August 25, 2014 and rescinded Stage I on January 30, 2015. It will be necessary for the Plant and its wholesale water customers to remain vigilant and cognizant of the need to conserve this extremely valuable resource. Total treated water purchases by the City of Port Lavaca is again forecast at 510.00 million gallons. The Port O'Connor ID will purchase an estimated 93.045 million gallons of treated water, a reduction due to their increased use of groundwater. 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, and is a reduction of 17.24 million gallons of treated water from the previous forecast. 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. GBRA was able to maintain a raw water rate of 15.0¢ per 1000 gallons for the previous three fiscal years however increases in the cost to operate and maintain the Union Carbide pump station in recent years has necessitated an increase the raw water cost this year. Raw water delivered from the GBRA Canal Division for the three wholesale customers as metered at the Plant's intake will total an estimated 729.895 million gallons.

## **CAPITAL ADDITIONS AND OPERATING EXPENDITURES**

Please refer to previous remarks regarding capital expenses. Significant operating expenses for the

upcoming Fiscal Year include \$105,012 for power and utilities (unchanged). \$11,151 is budgeted for fluoride, which requires replenishment (a “fill-up”) in alternate years. Aluminum sulfate or “alum” is the primary coagulant used for settling out raw water turbidity. Experience continues to teach that clarity and palatability of the water depend greatly on excellent settling – best achieved in a conventional treatment plant by providing optimum feed and proper mixing of the coagulants. Alum is budgeted at \$146,000 based on costs incurred in prior years. Powdered activated carbon and/or potassium permanganate is used from time to time to control taste and odor and to further enhance palatability of the finished water. Operating chemicals including copper sulfate or citric acid are budgeted at \$12,420 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 \$15,960 – 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).

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. In 2014, a GBRA operator at this plant received his “A” surface water treatment license, the pinnacle of licensing for water treatment in the state of Texas. 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 Division, and the Port O’Connor ID. Because the GBRA Port Lavaca Water Treatment Plant 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 2016 is only \$60.

**GUADALUPE-BLANCO RIVER AUTHORITY  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WATER SALES &amp; LAKE OPERATIONS:</b>			
PL-RAW WATER PURCHASES	80,526	88,578	8,052
PL-PLANT O & M INCOME	806,314	877,083	70,769
PL-PLANT A & G INCOME	98,710	108,539	9,829
R/W-RAW WATER PURCHASE	14,136	16,178	2,042
PL-CREDIT INTEREST EARN.	(1,200)	(160)	1,040
R/W-PLANT O&M INCOME	151,142	141,211	(9,931)
R/W-PLANT A&G INCOME	18,503	17,483	(1,020)
R/W-ADDS. TO PLANT & EQUIP	6,408	2,869	(3,539)
PL-DEBT SERVICE	208,949	55,054	(153,895)
R/W-DEBT SERVICE	55,759	28,687	(27,072)
PL-CREDIT-INT EARN.I&S FD	(540)	(300)	240
PL-ADDS. TO PLANT & EQUIP	29,426	15,109	(14,317)
POC-RAW WATER PURCHASES	17,368	15,182	(2,186)
POC-PLANT O&M INCOME	170,694	160,026	(10,668)
POC-PLANT A&G INCOME	20,896	19,819	(1,077)
POC-DEBT SERVICE	70,724	37,601	(33,123)
POC-ADDS. TO PLANT & EQUIP	8,026	3,622	(4,404)
<b>Total WATER SALES &amp; LAKE OPERATIONS</b>	<b>1,755,841</b>	<b>1,586,581</b>	<b>(169,260)</b>
<b>MISCELLANEOUS INCOME:</b>			
CAPITAL RECOVERY FEE-CANAL	2,760	3,600	840
CAPITAL RECOVERY FEE-RURAL WTR	2,760	3,600	840
<b>Total MISCELLANEOUS INCOME</b>	<b>5,520</b>	<b>7,200</b>	<b>1,680</b>
<b>TOTAL OPERATING REVENUES</b>	<b>1,761,361</b>	<b>1,593,781</b>	<b>(167,580)</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	25,085	20,938	(4,147)
SUPERVISION	39,773	41,289	1,516
LABOR	268,169	289,150	20,981
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>333,027</b>	<b>351,377</b>	<b>18,350</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	2,600	3,600	1,000
EMPLOYEE BENEFITS	169,497	178,986	9,489

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**060 - PORT LAVACA WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>172,097</b>	<b>182,586</b>	<b>10,489</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
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	2,880	3,996	1,116
SAFETY & EMERG. EXPENSES	3,600	3,600	
SECURITY EXPENSE	240	240	
POWER AND UTILITIES	105,012	105,012	
OPERATING CHEMICALS	15,000	12,420	(2,580)
CHLORINE	15,624	16,824	1,200
ACTIVATED CARBON	2,400	2,400	
FLOURIDE	12,144	11,151	(993)
POTASSIUM PERMANGANATE	2,400	2,400	
AMMONIA	18,600	18,600	
ALUM/FERRIC	146,000	146,000	
LAB SUPPLIES & EXPENSES	14,712	15,960	1,248
PROFESSIONAL FEES	6,000	6,000	
CONTRACT LABOR	12,000	14,220	2,220
INSPECTION FEES	360	360	
COMMUNICATIONS	3,600	4,212	612
OFFICE SUPPLIES & EXPENSES	4,600	5,376	776
COMPUTER SUPPLIES & SERVICE	5,676	5,676	
BANK SERVICE FEES	1,200	1,200	
INSURANCE EXPENSE	61,200	64,300	3,100
MISCELLANEOUS EXPENSES	2,400	2,400	
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>451,568</b>	<b>458,267</b>	<b>6,699</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	85,484	90,565	5,080
MATERIAL	29,694	29,934	240



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**060 - PORT LAVACA WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
SERVICES	56,280	65,592	9,312
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>171,458</b>	<b>186,091</b>	<b>14,632</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>1,128,150</b>	<b>1,178,321</b>	<b>50,170</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	138,109	145,841	7,732
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>138,109</b>	<b>145,841</b>	<b>7,732</b>
<b>WATER PURCHASES/DELIVERY:</b>			
INTERDIVISION WATER PURCH	112,030	119,938	7,908
<b>Total WATER PURCHASES/DELIVERY</b>	<b>112,030</b>	<b>119,938</b>	<b>7,908</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>1,378,289</b>	<b>1,444,100</b>	<b>65,810</b>
<b>NET OPERATING INCOME</b>	<b>383,072</b>	<b>149,682</b>	<b>(233,390)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
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**060 - PORT LAVACA WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	1,761,361	1,593,781	(167,580)
OPERATING EXPENSES	(1,378,289)	(1,444,100)	(65,810)
<b>NET OPERATING INCOME</b>	<b>383,072</b>	<b>149,682</b>	<b>(233,390)</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON OPERATING FUNDS	120	60	(60)
INT ON FULLY FUNDED ACCTS	1,200	160	(1,040)
INT ON I & S FUND	540	300	(240)
<b>Total INTEREST INCOME</b>	<b>1,860</b>	<b>520</b>	<b>(1,340)</b>
<b>INTEREST &amp; BANK FEES:</b>			
INT ON REVENUE BONDS	(8,096)	(2,032)	6,064
INT ON CLEARWELL LOAN	(13,920)	(13,104)	816
<b>Total INTEREST &amp; BANK FEES</b>	<b>(22,016)</b>	<b>(15,136)</b>	<b>6,880</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>(20,156)</b>	<b>(14,616)</b>	<b>5,540</b>
<b>CHANGE IN NET ASSETS</b>	<b>362,916</b>	<b>135,066</b>	<b>(227,850)</b>
<b>CHANGE IN RESTRICTED FUNDS</b>		<b>25,000</b>	<b>25,000</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
<b>TOTAL FUNDS AVAILABLE</b>	<b>362,916</b>	<b>160,066</b>	<b>(202,850)</b>
<b>PURCHASES OF FIXED ASSETS</b>			
AUTO & HEAVY EQUIPMENT		6,000	6,000
<b>Total PURCHASES OF FIXED ASSETS</b>		<b>6,000</b>	<b>6,000</b>
<b>WORK IN PROGRESS</b>			
WIP-OPERATING	49,380	22,800	(26,580)
<b>Total WORK IN PROGRESS</b>	<b>49,380</b>	<b>22,800</b>	<b>(26,580)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
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**060 - PORT LAVACA WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>DEBT SERVICE</b>			
BONDS PAID	303,336	101,668	(201,668)
LOANS PAID	10,080	29,538	19,458
<b>Total DEBT SERVICE</b>	<b>313,416</b>	<b>131,206</b>	<b>(182,210)</b>
<b>TOTAL FUNDS APPLIED</b>	<b>362,796</b>	<b>160,006</b>	<b>(202,790)</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>120</b>	<b>60</b>	<b>(60)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	14,337	10,903	(3,434)
STA- CLERICAL	10,747	10,034	(713)
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>25,085</b>	<b>20,938</b>	<b>(4,147)</b>
<b>SUPERVISION:</b>			
SUPERVISION	39,773	41,289	1,516
<b>Total SUPERVISION</b>	<b>39,773</b>	<b>41,289</b>	<b>1,516</b>
<b>OPERATING LABOR:</b>			
CLERICAL	572	468	(104)
REG- OPERATING LABOR	232,099	251,484	19,385
REG- MISC LABOR		77	77
CLR- OPERATING LABOR	12,395	11,754	(641)
OVT- OPERATING LABOR	23,103	25,367	2,264
<b>Total OPERATING LABOR</b>	<b>268,169</b>	<b>289,150</b>	<b>20,981</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	76,604	79,838	3,234
<b>Total M&amp;R-LABOR</b>	<b>76,604</b>	<b>79,838</b>	<b>3,234</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER	8,880	10,727	1,846
<b>Total M&amp;R-OVERTIME</b>	<b>8,880</b>	<b>10,727</b>	<b>1,846</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>85,484</b>	<b>90,565</b>	<b>5,080</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>	<b>418,511</b>	<b>441,942</b>	<b>23,430</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
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	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	76,604	79,838	3,234
OVT/LBR- OTHER	8,880	10,727	1,846
<b>Total LABOR</b>	<b>85,484</b>	<b>90,565</b>	<b>5,080</b>
<b>MATERIAL:</b>			
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	840	
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	360	600	240
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	
<b>Total MATERIAL</b>	<b>29,694</b>	<b>29,934</b>	<b>240</b>
<b>SERVICES:</b>			
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	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	

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**060 - PORT LAVACA WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
M&R/SER- METERS(REMOTE EQP	1,200	1,200	
M&R/SER- HAUL TRASH	792	792	
M&R/SER- PONDS/RESERVOIR	2,400	2,400	
M&R/SER- FILTERS & SURFACE WSH	480	3,480	3,000
M&R/SER- MOTORS	2,400	2,400	
M&R/SER- SETT.BASIN EQUIP	4,800	10,992	6,192
M&R/SER- TRUCKS	600	600	
M&R/SER- CHLORAMINES	3,600	3,600	
M&R/SER- TOOLS & EQUIP	360	480	120
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	
<b>Total SERVICES</b>	<b>56,280</b>	<b>65,592</b>	<b>9,312</b>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>171,458</b>	<b>186,091</b>	<b>14,632</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**060 - PORT LAVACA WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>PROJECT DEVELOPMENT</b>	_____	_____	_____
<b>TOTAL PROJECT DEVELOPMENT</b>	=====	=====	=====

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**060 - PORT LAVACA WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>WIP - OPERATING</b>			
CLEARWELL #1 REHAB-SERVICE	3,600		(3,600)
<b>Total</b>	<b>3,600</b>		<b>(3,600)</b>
 BUILDING SECURITY SYSTEM-SERVI	 8,280	 10,800	 2,520
<b>Total</b>	<b>8,280</b>	<b>10,800</b>	<b>2,520</b>
 BASEMENT FLOOR REPAIRS-SERVICE	 13,500		 (13,500)
<b>Total</b>	<b>13,500</b>		<b>(13,500)</b>
 RESTROOM UPGRADE-SERVICE	 12,000	 12,000	
<b>Total</b>	<b>12,000</b>	<b>12,000</b>	
 SED BASIN DEWATERING PUMP-SERV	 12,000		 (12,000)
<b>Total</b>	<b>12,000</b>		<b>(12,000)</b>
 <b>TOTAL WIP - OPERATING</b>	 <b>49,380</b>	 <b>22,800</b>	 <b>(26,580)</b>



GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31, 2016

PORT LAVACA WTP

	FY 2016 BUDGET
<b>AUTO &amp; HEAVY EQUIPMENT</b>	
ZERO TURN RADIUS MOWER	6,000
<b>Total AUTO &amp; HEAVY EQUIPMENT</b>	<b>6,000</b>
<b>TOTAL CAPITAL ADDITIONS</b>	<b>6,000</b>



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.

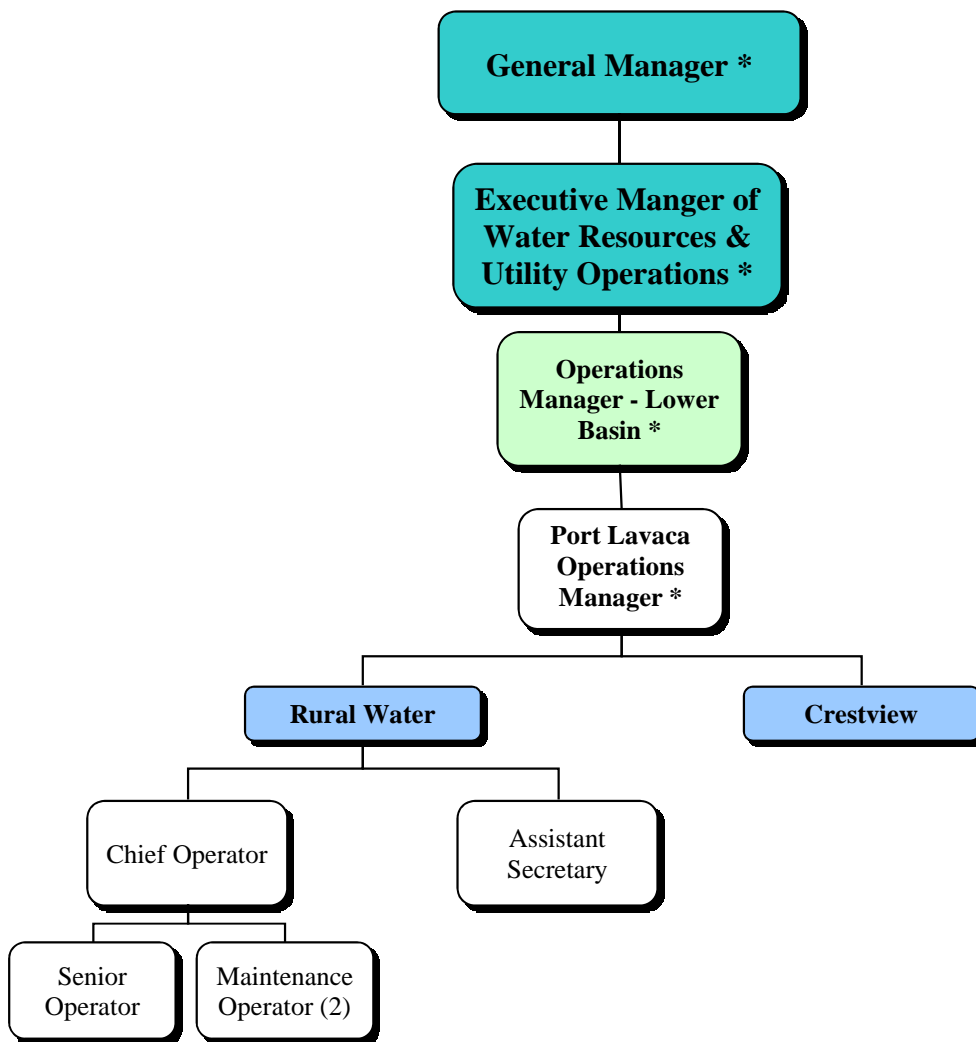
In July 2000, the Municipal Utility District of Port O'Connor purchased the GBRA portion of the Rural Water System in the town of Port O'Connor and began to operate independently. However, the District remains a wholesale customer of the GBRA treatment plant. The sale allowed GBRA to retire the original 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	• Budgeted Water Distributed:	60,848,000 gal
• Location:	Port Lavaca, TX	• # of Current Employees:	3
• Startup Operation Date:	April 2, 1973	• Budgeted Revenue:	\$1,103,141
• Service Area:	Calhoun County, TX		



## Calhoun County RWS Division Organizational Chart



\* GBRA employee from another Division



## Staffing Summary

Rural Water	# of Authorized Positions (FTE)		
	2014	2015	2016
Chief Operator	1	1	1
Senior Operator	1	1	1
Maintenance Operator	2	2	2
Assistant Secretary	1	1	1
Total	5	5	5

### Changes from FY 2014 to FY 2015

1-Maintenance Operator position was added.

### Unfunded Positions in FY15: Senior Operator

### Changes from FY 2015 to FY 2016

No staffing changes for this division.

### Unfunded Positions in FY16: 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 resolving 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.

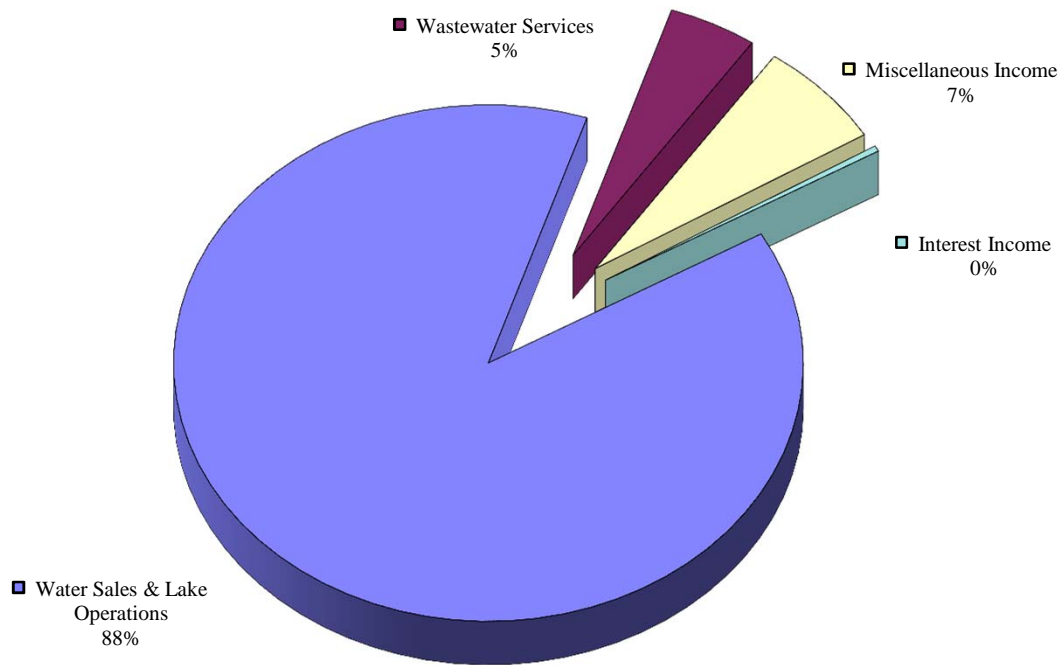
***COMMUNICATION AND EDUCATION***

To ... continue awareness of hurricane preparedness, the hazards of cross-connections, the conservation of drinking water supplies, and the need to exercise care in mixing pesticides, through use of the monthly bill's "bulletin board".



## Budget Summary

### REVENUES - Rural Water

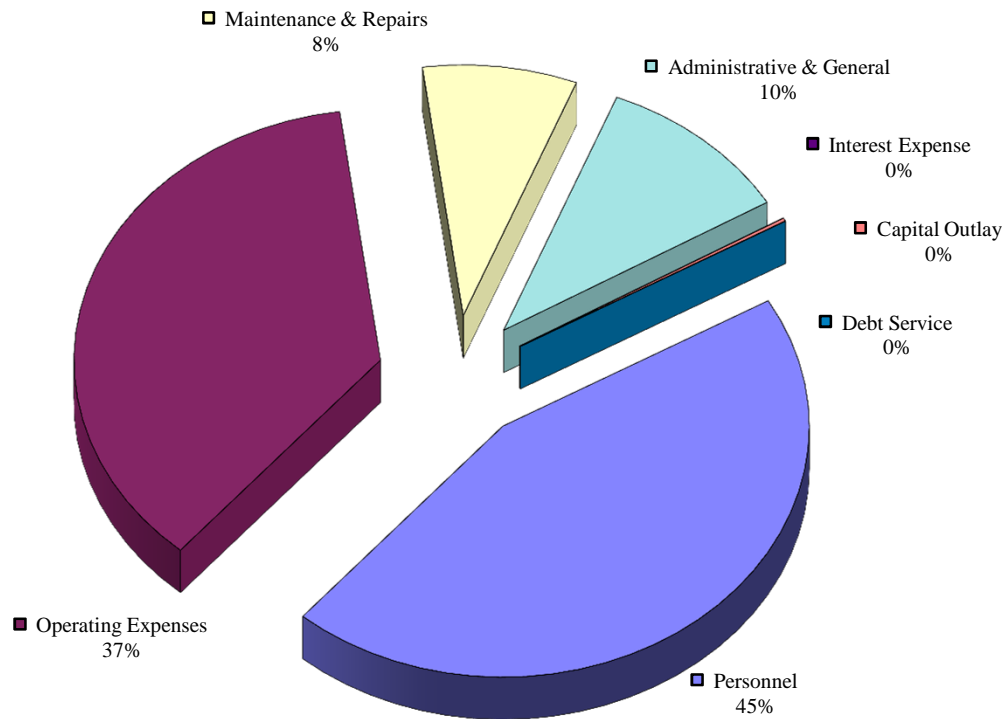


Revenues	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	850,656	928,029	978,677
Recreation & Land Use			
Wastewater Services	50,973	52,080	50,400
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	94,779	74,064	74,064
<b>Total Operating Revenue</b>	<b>996,408</b>	<b>1,054,173</b>	<b>1,103,141</b>
Interest Income	3,552	3,972	3,900
<b>Grand Total Revenues</b>	<b>999,960</b>	<b>1,058,145</b>	<b>1,107,041</b>



## Budget Summary

### EXPENSES - Rural Water



Expenses	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Personnel	355,133	407,016	474,777
Operating Expenses	420,561	421,848	388,712
Maintenance & Repairs	81,232	75,170	86,755
Administrative & General	82,845	95,246	111,161
<b>Total Operating Expenses</b>	<b>939,771</b>	<b>999,280</b>	<b>1,061,405</b>
Interest Expense			
Capital Outlay	46,055	5,500	2,000
Debt Service			
<b>Grand Total Expenses</b>	<b>985,826</b>	<b>1,004,780</b>	<b>1,063,405</b>





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## **Calhoun County Rural Water Supply Division Operating Plan for Fiscal Year Ending 8/31/16**

### **BACKGROUND**

The Calhoun County Rural Water Supply Division of GBRA purchases treated water from GBRA's Port Lavaca Water Treatment Plant (PLWTP) and provides retail water service to customers in the rural areas of Calhoun County. These customers also form the membership of the Calhoun County Rural Water Supply Corporation, which is composed of the membership and an elected Board of Directors. The Corporation was formed as a grass roots effort in 1970 to avail rural residents of the new treated water supplied by the PLWTP, entering into a 40-year contract with GBRA, which contract expired in January 2011. To continue the representation of customers provided by the Corporation, a new "Agreement of Cooperation" was subsequently endorsed by GBRA and the Corporation.

In July 2000, all Rural Water customers in the town of Port O'Connor were transferred to the Port O'Connor Municipal Utility District (now the Port O'Connor Improvement District) as part of the sale by GBRA of all distribution, pumping, and storage equipment in the town. Those rural water customers remaining following the POC ID sale, as well as new customers since that time, are projected to total approximately 1424 customers in the new fiscal year and will receive potable water service distributed by GBRA's Rural Water Division. The Rural Water Division, the POC ID and the City of Port Lavaca contract with and receive drinking water from the GBRA Port Lavaca Water Treatment Plant.

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 2016. The objectives are to operate and maintain the Rural Water Division to meet the demand of customers with minimal service interruptions and to provide a safe supply of drinking water that meets or exceeds (is better than) all state and federal water quality standards. Reasonable progress has been achieved in the gradual rebuilding of the customer revenue base in rural Calhoun County, subsequent to the sale of the Port O'Connor portion of the rural system. Continued emphasis has been placed over the years on efficient water delivery to include water loss monitoring, early detection and repair of water line leaks, and water conservation efforts during the summer months when demand is greatest. Notwithstanding the goal of minimal percent of loss, the Division maintains a routine flushing program to insure that the water supply present in the mains is always fresh with minimum water main residence time. Even so, the percent of water lost is typically less than 10%, which is an indicator of superior performance and economy. The Rural Water Division operates and maintains approximately 80 miles of delivery pipeline (water mains), a ground storage tank, and a booster pump station located near the Six-Mile community. A second pumping and storage station is located at the community of Indianola but is mothballed and no longer in service. A supervisory control and data acquisition (SCADA) system located at the GBRA Port Lavaca Water Treatment Plant allows operators to closely monitor water flows and pressures throughout the distribution grid.

The Division is managed by the Operations Manager - Lower Basin and supervised by the Manager of Port Lavaca Operations. The Division is operated and maintained by a Chief Operator, and one Maintenance Operator, and one Maintenance Operator Trainee. The proposed operating plan for FY 2016 includes budgeting for 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. A Maintenance Technician for the Port Lavaca Water Treatment Plant Division maintains the telemetry and electrical components of the system. An Assistant Secretary provides administrative and clerical assistance. The PLWTP Secretary supervises her work and provides expertise in the area of customer accounts. Management and staff meet quarterly with the Rural Water Corporation's Board of Directors to discuss operations and projects, and to review and endorse the work plan, budget, and rates. As previously noted, these Directors are elected by the membership (customers) to represent the various service areas of the Division.

## 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. Although this revenue source declined appreciably following the sale of the Port O'Connor portion of the system, revenues have gradually recovered as modest system expansions were completed. The FY 2016 water sales revenue budget is estimated at \$978,677 based on the 1,424 customers (was 1,408) receiving a total retail volume of treated water at their meters of 60.848 MG (was 87,668 million gallons). The reduction in volume is due to the customer's response to the ongoing drought conditions and to align with historical use in recent years. 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 2016 are as follows:

Monthly Minimum	\$40.00 for 2,000 gallons	(\$36.00 since FY 2013)
Over 2,000 gallons	\$ 6.05 per 1,000 gallons	(\$ 5.05 since FY 2013)

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. Although the cost of installation has increased, the standard tap fee will remain at \$1,000 and the membership fee will remain at \$1,200 for FY 2016. These fees assist in the payment of costs related to expanding the system for new customers, thereby furthering the system's mission of public service. The addition of 24 new connections is again forecast for the system during FY 2016 to provide fee revenue of \$52,800 and may be considered a relatively conservative estimate based on increased interest and activity in the system during the current fiscal year.

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 Crestview System will provide wastewater collection and treatment service for an estimated 60 (was 62) customers at a rural subdivision in Calhoun County. This wastewater system is included with the Rural Water Division due to overlapping customer bases and the relatively small budget of the Crestview System. The revenue from the Crestview System is projected at \$50,400 for FY 2016 based on a rate of \$70 per unit per month, unchanged and considered necessary for cost recovery and efficient operation. In 2012, the Crestview plant was repaired to mitigate areas of corrosion and extend its useful life. Subsequent repairs will include replacement of a blower control cabinet in FY 2016.

In April 2012, the City of Port Lavaca increased their unit rate for transmission of water to GBRA's customers located north of the city from 75¢ per 1,000 gallons to \$1.00. This pass-through or "wheeling" charge applies to about 50% of the customer base serviced by the rural system. GBRA and the Rural Water Board of Directors agree that this cost should be borne by all customers of the system and therefore no surcharge to wheeled- water customers is considered necessary or desirable.

## **CAPITAL ADDITIONS AND OPERATING EXPEDITURES**

Significant operating expenses for the upcoming Fiscal Year include \$6,600 for truck operating expenses, \$8,460 for right-of-way rentals, and \$56,160 in transmission charges paid to the City of Port Lavaca for the use of its water mains at \$1.00 per thousand gallons (unchanged; see discussion above). \$13,140 is budgeted for office expenses including billing postage, phone use, and computer operations. \$23,400 (was \$18,000) is budgeted for operation of the Crestview wastewater system, based on recent historical expenses which includes hauling of spent sludge and e-coli testing. In 2012, the Rural Water staff purchased test equipment and began the sampling and reporting of e-coli testing on a weekly basis, to comply with new regulatory requirements issued by the TCEQ for systems utilizing coastal receiving waters.

The most significant maintenance items are water lines, meters, and meter boxes at an estimated cost of \$52,245 (was \$49,480) for materials and services. The increase will be required for the ongoing replacement of touch read 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.

\$215,252 is budgeted for water purchases. The cost of this water is a sum of the charges for raw water paid to the Water Resources Division as well as Rural Water's share of the Port Lavaca Water Treatment Plant's total cost of operation.

In calendar year 2015, negotiations continued with agents for the Mildred Shofner Estate in an effort to purchase property adjacent to the "six mile" station in order to expand the land area of the station to a total of one-half acre (including the existing station property). An increase in station capacity will be required in a year, possibly two, to allow for expanded water deliveries in the area. A total of \$16,000 is included in the FY 2016 budget for this purpose. Paralleling this endeavor, a study will be made by the GBRA engineering division to determine routes and system equipment required to economically and efficiently expand the distribution system in the Six Mile area to meet existing and forecast customer demands.

Other improvements forecast for the new year include conclusion of the Ocean Drive project with \$12,000 going towards one remaining pipeline bore. Replacement of the aerial pipeline crossing into Toney Addition at a cost of \$20,000 with a directional bore under Maxwell Ditch.

Employees of the Rural Water Division will participate in training to maintain technical competence and to insure compliance with pending rules of the federal Safe Drinking Water Act. Training will include courses to upgrade or maintain operating licenses issued by the State of Texas. Wastewater training is also included in order to properly operate and maintain the Crestview subdivision wastewater system.

Retail water distribution systems must annually provide to individual consumers a Consumer Confidence Report (CCR) that provides water quality information. This report is prepared jointly by personnel in GBRA's Port Lavaca and Seguin offices, and is mailed to all customers on or before July 1 of each year.

GBRA, in consultation with the City of Port Lavaca and the Calhoun County Rural Water Corporation's Board of Directors, contracted with Malcolm Pirnie Engineering in 2009 for a study of actual distribution system demand as compared to the standard requirement of 0.6 gallons per minute per

connection. This effort proved quite successful, with the reduced demand factor of 0.39 gpm / connection for the GBRA Calhoun County Rural Water System, officially being approved by the Texas Commission on Environment Quality. This “Re-Rating” is important because it delays the day when a costly WTP Expansion will be required to meet customer demand.

## **FUND BALANCE**

The fund balance was significantly impacted when GBRA and the POC ID consummated the sale and purchase of that portion of the Rural Water Division. Over time, customer growth in other areas of the system has offset the loss of the Port O’Connor customer base. Funding of capital additions and operating expenditures as summarized in the following pages is normally provided by revenues from retail customer billings, as well as tap and membership fees. The fund balance after accounting for all budgeted sources and uses of funds for FY 2016 will be \$136.

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**070 - RURAL WATER**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WATER SALES &amp; LAKE OPERATIONS:</b>			
WATER SALES	928,029	978,677	50,648
<b>Total WATER SALES &amp; LAKE OPERATIONS</b>	<b>928,029</b>	<b>978,677</b>	<b>50,648</b>
<b>WASTEWATER SERVICES:</b>			
SERVICE FEES-CRESTVIEW	52,080	50,400	(1,680)
<b>Total WASTEWATER SERVICES</b>	<b>52,080</b>	<b>50,400</b>	<b>(1,680)</b>
<b>MISCELLANEOUS INCOME:</b>			
MISCELLANEOUS REVENUES	18,000	18,000	
CRESTVIEW TAP FEES	3,264	3,264	
TAP FEES	24,000	24,000	
MEMBERSHIP FEES	28,800	28,800	
<b>Total MISCELLANEOUS INCOME</b>	<b>74,064</b>	<b>74,064</b>	
<b>TOTAL OPERATING REVENUES</b>	<b>1,054,173</b>	<b>1,103,141</b>	<b>48,968</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	27,194	24,947	(2,247)
SUPERVISION	32,654	34,053	1,399
LABOR	167,363	195,068	27,706
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>227,210</b>	<b>254,068</b>	<b>26,858</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	1,500	1,500	
EMPLOYEE BENEFITS	116,893	136,425	19,533
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>118,393</b>	<b>137,925</b>	<b>19,533</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	5,520	6,600	1,080
BUILDING RENTAL	4,272		(4,272)
RIGHT-OF-WAY RENTALS	8,184	8,460	276
PUBLIC INFORMATION	1,404	1,500	96
DUES AND MEMBERSHIPS	600	720	120
PUBLICATIONS AND BOOKS	240	240	
SMALL TOOLS EXPENSE	4,500	3,000	(1,500)

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**070 - RURAL WATER**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
TRACTORS AND EQUIPMENT	1,200	1,200	
UNIFORMS AND LAUNDRY	2,460	2,460	
TRANSMISSION CHARGES	56,160	56,160	
BAD DEBT EXPENSE	1,200	1,200	
TRAINING EXPENSES	1,800	2,400	600
SAFETY & EMERG. EXPENSES	2,040	2,040	
SECURITY EXPENSE	2,760	3,600	840
POWER AND UTILITIES	7,020	7,020	
LAB SUPPLIES & EXPENSES	3,360	3,360	
PROFESSIONAL FEES	1,080	1,080	
CONTRACT LABOR	1,200	1,200	
CRESTVIEW EXPENSES	18,000	23,400	5,400
INSPECTION FEES	2,940	3,000	60
COMMUNICATIONS	3,600	3,600	
OFFICE SUPPLIES & EXPENSES	13,140	13,140	
COMPUTER SUPPLIES & SERVICE	5,520	8,040	2,520
BANK SERVICE FEES	100	1,000	900
INSURANCE EXPENSE	16,100	17,000	900
MISCELLANEOUS EXPENSES	2,040	2,040	
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>166,440</b>	<b>173,460</b>	<b>7,020</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	61,413	82,783	21,370
MATERIAL	60,790	73,395	12,605
SERVICES	14,380	13,360	(1,020)
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>136,583</b>	<b>169,538</b>	<b>32,955</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>648,626</b>	<b>734,992</b>	<b>86,366</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	95,246	111,161	15,915
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>95,246</b>	<b>111,161</b>	<b>15,915</b>
<b>WATER PURCHASES/DELIVERY:</b>			
INTERDIVISION WATER PURCH	255,408	215,252	(40,156)

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**070 - RURAL WATER**

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
Total WATER PURCHASES/DELIVERY	255,408	215,252	(40,156)
TOTAL OPERATING EXPENSES	999,280	1,061,405	62,125
NET OPERATING INCOME	54,893	41,736	(13,157)



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**070 - RURAL WATER**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	1,054,173	1,103,141	48,968
OPERATING EXPENSES	(999,280)	(1,061,405)	(62,125)
<b>NET OPERATING INCOME</b>	<b>54,893</b>	<b>41,736</b>	<b>(13,157)</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON OPERATING FUNDS	3,900	3,840	(60)
INT ON NOW ACCTS	72	60	(12)
<b>Total INTEREST INCOME</b>	<b>3,972</b>	<b>3,900</b>	<b>(72)</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>3,972</b>	<b>3,900</b>	<b>(72)</b>
<b>CHANGE IN NET ASSETS</b>	<b>58,865</b>	<b>45,636</b>	<b>(13,229)</b>
<b>CHANGE IN RESTRICTED FUNDS</b>		<b>4,500</b>	<b>4,500</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
<b>TOTAL FUNDS AVAILABLE</b>	<b>58,865</b>	<b>50,136</b>	<b>(8,729)</b>
<b>PURCHASES OF FIXED ASSETS</b>			
OFFICE FURN & EQUIPMENT		2,000	2,000
MISCELLANEOUS EQUIPMENT	5,500		(5,500)
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>5,500</b>	<b>2,000</b>	<b>(3,500)</b>
<b>WORK IN PROGRESS</b>			
WIP-OPERATING	41,000	48,000	7,000
<b>Total WORK IN PROGRESS</b>	<b>41,000</b>	<b>48,000</b>	<b>7,000</b>
<b>DEBT SERVICE</b>			
<b>TOTAL FUNDS APPLIED</b>	<b>46,500</b>	<b>50,000</b>	<b>3,500</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**070 - RURAL WATER**

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
	_____	_____	_____
<b>NET CHANGE IN FUND BALANCE</b>	<b>12,365</b>	<b>136</b>	<b>(12,229)</b>
	=====	=====	=====

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**070 - RURAL WATER**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	11,629	8,183	(3,446)
STA- CLERICAL	15,565	16,764	1,199
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>27,194</b>	<b>24,947</b>	<b>(2,247)</b>
<b>SUPERVISION:</b>			
SUPERVISION	30,547	31,872	1,325
SUP- CRESTVIEW	2,107	2,181	74
<b>Total SUPERVISION</b>	<b>32,654</b>	<b>34,053</b>	<b>1,399</b>
<b>OPERATING LABOR:</b>			
CLERICAL	383	452	68
REG- OPERATING LABOR	83,907	100,664	16,757
REG- MISC LABOR		77	77
CLR- OPERATING LABOR	62,925	66,941	4,017
REG- CRESTVIEW LABOR	10,077	13,501	3,424
OVT- OPERATING LABOR	7,053	9,101	2,048
OVT- CLERICAL LABOR	109	114	5
OVT- CRESTVIEW	2,908	4,218	1,310
<b>Total OPERATING LABOR</b>	<b>167,363</b>	<b>195,068</b>	<b>27,706</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- CRESTVIEW	6,561	9,051	2,490
REG/LBR- OTHER	49,370	66,456	17,086
<b>Total M&amp;R-LABOR</b>	<b>55,931</b>	<b>75,507</b>	<b>19,576</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- CRESTVIEW	189	197	7
OVT/LBR- OTHER	5,293	7,080	1,787
<b>Total M&amp;R-OVERTIME</b>	<b>5,482</b>	<b>7,277</b>	<b>1,794</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>61,413</b>	<b>82,783</b>	<b>21,370</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**070 - RURAL WATER**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>TOTAL SALARIES &amp; WAGES</b>	<b>288,624</b>	<b>336,852</b>	<b>48,228</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**070 - RURAL WATER**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- CRESTVIEW	6,561	9,051	2,490
REG/LBR- OTHER	49,370	66,456	17,086
OVT/LBR- CRESTVIEW	189	197	7
OVT/LBR- OTHER	5,293	7,080	1,787
<b>Total LABOR</b>	<b>61,413</b>	<b>82,783</b>	<b>21,370</b>
<b>MATERIAL:</b>			
M&R/MAT- WATER LINES	7,080	7,080	
M&R/MAT- TOOLS &EQUIPMENT	600	600	
M&R/MAT- METERS	27,280	27,280	
M&R/MAT- TRUCKS	240	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	13,800	16,565	2,765
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- 6 MILE STATION	780	1,200	420
M&R/MAT- TRAILER	1,200	1,200	
M&R/MAT- 3/4 TON PICKUP	180	240	60
M&R/MAT- OFFICE BUILDING	900	900	
M&R/MAT- TRACK HOE	240	240	
M&R/MAT- TRUCK	180	1,500	1,320
M&R/MAT- BORING MACHINE	1,080	480	(600)
M&R/MAT- TRACTORS	180	180	
M&R/MAT- CRESTVIEW	1,800	9,960	8,160
M&R/MAT- OTHER	240	240	
<b>Total MATERIAL</b>	<b>60,790</b>	<b>73,395</b>	<b>12,605</b>
<b>SERVICES:</b>			
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	360	
M&R/SER- TRUCKS	480	480	
M&R/SER- TELEMETRY EQUIP	480	480	
M&R/SER- RADIO EQUIPMENT	960	960	
M&R/SER- STOCK BUILDING	120	120	
M&R/SER- PUMPS AND MOTORS	840	840	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**070 - RURAL WATER**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
M&R/SER- IND.BOOSTER STAT	120	120	
M&R/SER- 6 MILE STATION	720	720	
M&R/SER- TRAILER	240	240	
M&R/SER- 3/4 TON PICKUP	2,500	2,500	
M&R/SER- OFFICE BUILDING	1,500	1,500	
M&R/SER- TRACK HOE	240	240	
M&R/SER- TRUCK	1,200	180	(1,020)
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	
<b>Total SERVICES</b>	<b>14,380</b>	<b>13,360</b>	<b>(1,020)</b>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>136,583</b>	<b>169,538</b>	<b>32,955</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**070 - RURAL WATER**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>PROJECT DEVELOPMENT</b>	_____	_____	_____
<b>TOTAL PROJECT DEVELOPMENT</b>	=====	=====	=====

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**070 - RURAL WATER**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>WIP - OPERATING</b>			
SIX MILE STN IMPROVEMENTS-MAT	19,000	16,000	(3,000)
<b>Total</b>	<b>19,000</b>	<b>16,000</b>	<b>(3,000)</b>
 BAY MEADOWS EXPANSTION-SERVICE	 10,000	 	 (10,000)
<b>Total</b>	<b>10,000</b>		<b>(10,000)</b>
 MAXWELL DITCH CROSSING-SERVICE	 	 20,000	 20,000
<b>Total</b>		<b>20,000</b>	<b>20,000</b>
 OCEAN DRIVE UPGRADE-SERVICE	 12,000	 12,000	 
<b>Total</b>	<b>12,000</b>	<b>12,000</b>	
<b>TOTAL WIP - OPERATING</b>	<b>41,000</b>	<b>48,000</b>	<b>7,000</b>



**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORK PLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**RURAL WATER**

	<b>FY 2016 BUDGET</b>
<b>OFFICE FURN. &amp; EQUIP.</b>	
CREDIT CARD READER	2,000
<b>Total OFFICE FURN. &amp; EQUIP.</b>	<b>2,000</b>
<b>TOTAL CAPITAL ADDITIONS</b>	<b>2,000</b>

Coleto Creek Reservoir  
below the Dam  
-Coleto Creek Power Plant in background-



## *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      | • Capacity:               | 35,084 acre feet |
| • Location:               | Fannin, TX             | • # of Current Employees: | 6                |
| • Startup Operation Date: | 1981                   | • Budgeted Revenue:       | \$907,598        |
| • Customer:               | Coleto Creek Power, LP |                           |                  |



# *Coleta 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.

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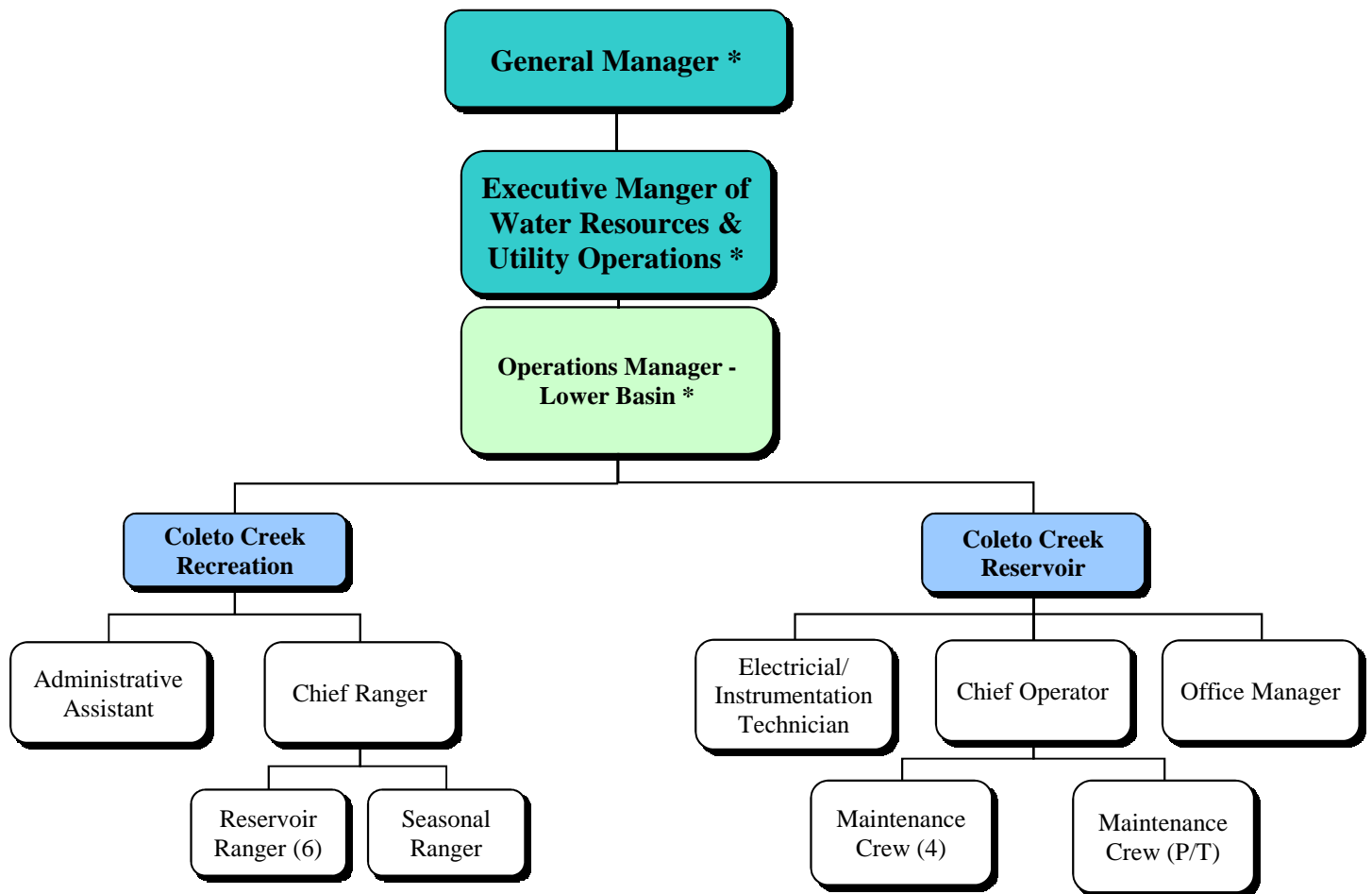
• Service Provided:	Water Recreation
• Location:	Fannin, TX
• Startup Operation Date:	1981

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• Customer:	Public recreationalist
• # of Current Employees:	8
• Budgeted Revenue:	\$775,300



## **Coleta Creek Division Organizational Chart**



\* GBRA employee from another Division



### Staffing Summary

Coletto Creek	# of Authorized Positions (FTE)		
	2014	2015	2016
<b><u>Coletto Creek Reservoir</u></b>			
Chief Operator	1	1	1
Electrical/Instrumentation Technician	1	1	1
Office Manager	1	1	1
Maintenance Crew	4.5	4.5	4.5
<b>Total Reservoir</b>	<b>7.5</b>	<b>7.5</b>	<b>7.5</b>
<b><u>Coletto Creek Recreation</u></b>			
Chief Ranger	1	1	1
Reservoir Ranger	6	6	6
Administrative Assistant	1	1	1
Seasonal Ranger	0.5	0.5	0.5
<b>Total Recreation</b>	<b>8.5</b>	<b>8.5</b>	<b>8.5</b>
<b>Total</b>	<b>16</b>	<b>16</b>	<b>16</b>

Changes from FY 2014 to FY 2015

No staffing changes for this division.

Unfunded Positions in FY15: Reservoir-Maintenance Crew and P/T Maintenance Crew

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



## **Budget Summary**

Division: **Coledo Creek**

### **Description**

Coledo Creek Division management personnel in the Reservoir and Recreation Systems have operated the Coledo Creek Reservoir and Park, located thirteen miles southwest of Victoria, since June 1980. Natural flows from the Guadalupe River are diverted to Coledo 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 Coledo Creek Power Station located near Fannin. The Coledo 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/bike/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 Coledo 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 Coledo 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***

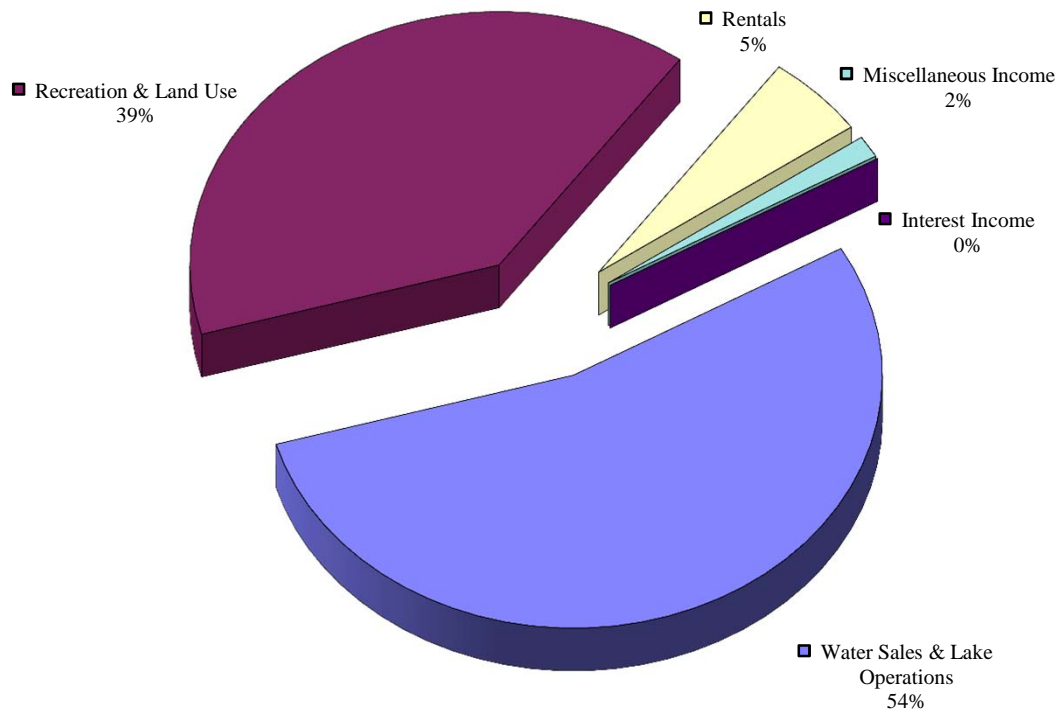
To ... display exhibits on GBRA operations at regional trade and travel shows, field days, and tours for area schools. To work on partnerships needed to develop a Coletto Creek Outdoor Learning Center to utilize in providing a variety of outdoor and environmental education programs.

To ... develop an early warning system and education program for downstream interests, media, general public, etc. on the operation of the Coletto Creek Reservoir during flood events.



## Budget Summary

### REVENUES - Coleta Creek



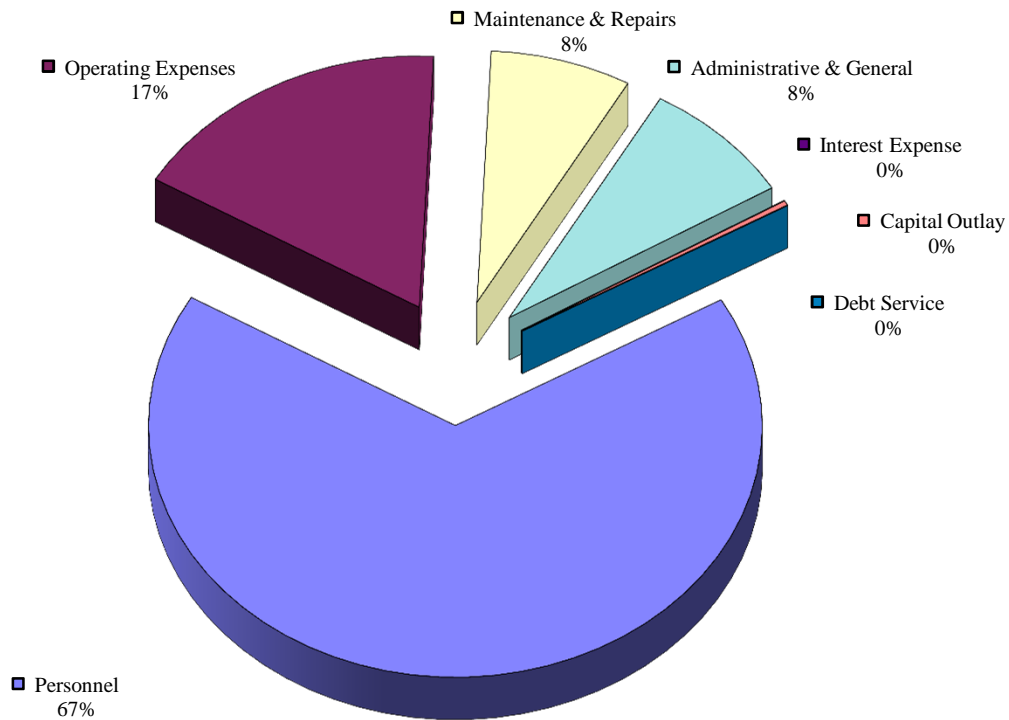
Revenues	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	1,081,532	886,935	907,598
Recreation & Land Use	613,652	654,860	662,280
Wastewater Services			
Laboratory Services			
Rentals	108,928	84,587	89,620
Administrative & General			
Miscellaneous Income	33,318	31,000	23,400
<b>Total Operating Revenues</b>	<b>1,837,429</b>	<b>1,657,381</b>	<b>1,682,898</b>
Interest Income	25	72	36
<b>Grand Total Revenues</b>	<b>1,837,455</b>	<b>1,657,453</b>	<b>1,682,934</b>





## Budget Summary

### EXPENSES - Coleta Creek



Expenses	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Personnel	1,011,163	1,098,981	1,132,641
Operating Expenses	514,434	289,087	292,150
Maintenance & Repairs	116,085	111,724	126,260
Administrative & General	146,151	138,727	138,637
<b>Total Operating Expenses</b>	<b>1,787,834</b>	<b>1,638,518</b>	<b>1,689,688</b>
Interest Expense			
Capital Outlay	57,774	43,750	5,000
Debt Service	58,500	2,600	
<b>Grand Total Expenses</b>	<b>1,904,108</b>	<b>1,684,868</b>	<b>1,694,688</b>

# **Coledo Creek Division**

## **Coledo Creek Reservoir System**

### **Operating Plan for Fiscal Year Ending 8/31/16**

#### **BACKGROUND**

The Coledo 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 Coledo 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 Coledo 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.

In June of 2012 the completed acquisition of International Power, previous owner of the Coledo Creek Power Station, by the French energy company GDF Suez created the number one independent power producer in the world. The Coledo Creek Power Station will continue to operate under the existing company name of Coledo Creek Power, LP.

The following work plan and budget describes the operations, maintenance, and capital additions to be performed during Fiscal Year 2016, by the Reservoir System. 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. 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 Coledo Creek Reservoir System since the Coledo Creek Power Station agrees to reimburse GBRA for all costs of operation.

The total revenue budgeted to be received next year is \$907,598 compared to budgeted revenue of \$886,935 for FY2015. This 2.33% increase reflects the increase in budgeted operating costs described below.

### **CAPITAL ADDITIONS AND OPERATING EXPENDITURES**

Significant operating expenses for the ensuing Fiscal Year include \$16,776 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 \$10,200 is budgeted under professional fees including \$6,000 to contract with the engineering firm Halff and Associates to update parcel data for the inundation maps used in the Coleta Creek Reservoir Emergency Action Plan.

Significant maintenance and repair expenses for the ensuing Fiscal Year include \$7,140 for the installation of stoplogs in front of spillgate gate number 4 on the main spillway for purposes of inspecting the skin plate and cathodic protection system and replacement of hoist connecting u-bolts. Other significant expenses include \$5,000 for the ongoing treatment of aquatic weeds, \$3,600 for repairs to the base station antenna tower, \$3,600 for the aerial application of fertilizer on the main dam slopes, and \$3,500 for repairs to the main dam service road.

Equipment purchases included in the FY 2016 budget include \$5,000 for the purchase of a 72” rotary cutter attachment for the compact track loader.

### **FUND BALANCE**

Funds for the above listed capital additions and operating expenditures as well as all of the other operating expenditures that are summarized in the following pages will be provided from revenues from the Coleta Creek Power Station. Since this division represents a contract operation in which GBRA does not over-recover nor under-recover its costs, the net increase in fund balance for FY2016 amounts to \$0.

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**091 - COLETO CREEK RESERVOIR**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WATER SALES &amp; LAKE OPERATIONS:</b>			
COLETO CREEK POWER,LP- O&M EXP	840,134	876,358	36,224
COLETO CREEK POWER,LP- A&G EXP	29,051	26,240	(2,811)
CCP,LP- ADDS. TO PLANT & EQUIP	17,750	5,000	(12,750)
<b>Total WATER SALES &amp; LAKE OPERATIONS</b>	<b>886,935</b>	<b>907,598</b>	<b>20,663</b>
<b>TOTAL OPERATING REVENUES</b>	<b>886,935</b>	<b>907,598</b>	<b>20,663</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	17,406	17,152	(254)
SUPERVISION	15,252	15,738	487
LABOR	209,871	216,172	6,302
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>242,528</b>	<b>249,063</b>	<b>6,534</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	3,624	3,624	
EMPLOYEE BENEFITS	180,674	187,038	6,364
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>184,298</b>	<b>190,662</b>	<b>6,364</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	19,440	19,440	
BUILDING RENTAL	9,587	13,620	4,034
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	21,000	16,776	(4,224)
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	13,740	10,200	(3,540)
COMMUNICATIONS	3,996	3,996	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**091 - COLETO CREEK RESERVOIR**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OFFICE SUPPLIES & EXPENSES	4,896	4,896	
COMPUTER SUPPLIES & SERVICE	4,776	4,776	
INSURANCE EXPENSE	16,400	17,200	800
MISCELLANEOUS EXPENSES	4,332	4,332	
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>141,895</b>	<b>138,964</b>	<b>(2,930)</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	203,580	212,761	9,180
MATERIAL	45,272	42,872	(2,400)
SERVICES	22,560	42,036	19,476
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>271,412</b>	<b>297,669</b>	<b>26,256</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>840,134</b>	<b>876,358</b>	<b>36,224</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	29,051	26,240	(2,811)
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>29,051</b>	<b>26,240</b>	<b>(2,811)</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>869,185</b>	<b>902,598</b>	<b>33,413</b>
<b>NET OPERATING INCOME</b>	<b>17,750</b>	<b>5,000</b>	<b>(12,750)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**091 - COLETO CREEK RESERVOIR**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	886,935	907,598	20,663
OPERATING EXPENSES	(869,185)	(902,598)	(33,413)
<b>NET OPERATING INCOME</b>	<b>17,750</b>	<b>5,000</b>	<b>(12,750)</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON OPERATING FUNDS	36		(36)
<b>Total INTEREST INCOME</b>	<b>36</b>		<b>(36)</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>36</b>		<b>(36)</b>
<b>CHANGE IN NET ASSETS</b>	<b>17,786</b>	<b>5,000</b>	<b>(12,786)</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
<b>TOTAL FUNDS AVAILABLE</b>	<b>17,786</b>	<b>5,000</b>	<b>(12,786)</b>
<b>PURCHASES OF FIXED ASSETS</b>			
AUTO & HEAVY EQUIPMENT	15,000	5,000	(10,000)
MISCELLANEOUS EQUIPMENT	2,750		(2,750)
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>17,750</b>	<b>5,000</b>	<b>(12,750)</b>
<b>WORK IN PROGRESS</b>			
<b>DEBT SERVICE</b>			
<b>TOTAL FUNDS APPLIED</b>	<b>17,750</b>	<b>5,000</b>	<b>(12,750)</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>36</b>	<b>0</b>	<b>(36)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**091 - COLETO CREEK RESERVOIR**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	8,397	7,656	(741)
STA- CLERICAL	9,009	9,496	487
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>17,406</b>	<b>17,152</b>	<b>(254)</b>
<b>SUPERVISION:</b>			
SUPERVISION	15,252	15,738	487
<b>Total SUPERVISION</b>	<b>15,252</b>	<b>15,738</b>	<b>487</b>
<b>OPERATING LABOR:</b>			
CLERICAL	434	531	97
REG- OPERATING LABOR	137,116	142,935	5,819
CLR- OPERATING LABOR	53,169	55,446	2,277
OVT- OPERATING LABOR	12,585	10,077	(2,508)
REG- WORKING HOLIDAY LABOR	6,567	7,183	616
<b>Total OPERATING LABOR</b>	<b>209,871</b>	<b>216,172</b>	<b>6,302</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	200,898	209,965	9,068
<b>Total M&amp;R-LABOR</b>	<b>200,898</b>	<b>209,965</b>	<b>9,068</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER	2,683	2,795	112
<b>Total M&amp;R-OVERTIME</b>	<b>2,683</b>	<b>2,795</b>	<b>112</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>203,580</b>	<b>212,761</b>	<b>9,180</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>	<b>446,109</b>	<b>461,823</b>	<b>15,714</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**091 - COLETO CREEK RESERVOIR**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	200,898	209,965	9,068
OVT/LBR- OTHER	2,683	2,795	112
<b>Total LABOR</b>	<b>203,580</b>	<b>212,761</b>	<b>9,180</b>
<b>MATERIAL:</b>			
M&R/MAT- PUMPS	984	984	
M&R/MAT- MAIN SPILLGATES	3,120	720	(2,400)
M&R/MAT- DIKES SPILLGATES	240	240	
M&R/MAT- S/GATES & T/RACK	180	180	
M&R/MAT- INST & MONITOR	8,520	8,520	
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	2,748	
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	
<b>Total MATERIAL</b>	<b>45,272</b>	<b>42,872</b>	<b>(2,400)</b>
<b>SERVICES:</b>			
M&R/SER- PUMPS		3,504	3,504
M&R/SER- MAIN SPILLGATES	5,460	7,140	1,680
M&R/SER- DIKES SPILLGATES		1,800	1,800
M&R/SER- INST & MONITOR	3,576	8,976	5,400
M&R/SER- MAIN MTRS/HOISTS	240	240	



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**091 - COLETO CREEK RESERVOIR**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
M&R/SER- DIKE MTRS/HOISTS	240	240	
M&R/SER- EMERG. GENERATOR	996	996	
M&R/SER- GROUNDSKEEPING	1,560	5,160	3,600
M&R/SER- TRACTORS	1,200	1,200	
M&R/SER- ROW/FENCES	2,208	2,208	
M&R/SER- ROADS & BRIDGES	2,880	6,372	3,492
M&R/SER- EROSION & DRAIN	1,200	1,200	
M&R/SER- TOOLS & EQUIP	240	240	
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	
<b>Total SERVICES</b>	<b>22,560</b>	<b>42,036</b>	<b>19,476</b>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>271,412</b>	<b>297,669</b>	<b>26,256</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**091 - COLETO CREEK RESERVOIR**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>PROJECT DEVELOPMENT</b>	_____	_____	_____
<b>TOTAL PROJECT DEVELOPMENT</b>	=====	=====	=====

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**091 - COLETO CREEK RESERVOIR**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>WIP - OPERATING</b>			
<b>TOTAL WIP - OPERATING</b>	<hr/>	<hr/>	<hr/>

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORK PLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**COLETO CREEK RESERVOIR**

	<b>FY 2016 BUDGET</b>
<b>AUTO &amp; HEAVY EQUIPMENT</b>	
72" SKID STEER ROTARY CUTTER	5,000
<b>Total AUTO &amp; HEAVY EQUIPMENT</b>	<b>5,000</b>
<b>TOTAL CAPITAL ADDITIONS</b>	<b>5,000</b>



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# **Coletto Creek Division**

## **Coletto Creek Recreation System**

### **Operating Plan for Fiscal Year Ending 8/31/16**

#### **BACKGROUND**

The Coletto Creek Division is comprised of two operating entities, the Recreation System and the Reservoir System. The Recreation System is responsible for the operation and maintenance of the Coletto Creek Park located adjacent to the Coletto Creek Reservoir. The park provides outdoor public recreation activities for Victoria and the surrounding region as well as the major metropolitan cities of Houston, San Antonio, Austin and Corpus Christi. The park also serves as a destination site for Winter Texans. The Recreation System also administers a leaseback program as well as land and water 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 2016 fiscal year by the Recreation System. The objectives of the work plan are to operate and maintain the Coletto Creek Park at a level that is family friendly, aesthetically pleasing, and better assures the safety and protection of all park customers. 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. Coletto Creek employees also assist with tourism and economic development activities throughout the Guadalupe River Basin.

The Recreation System is responsible for the operation and maintenance of 78 developed campsites, 4 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, leaseback revenues, hunting 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, special event revenue, and miscellaneous revenues to the Recreation System generate funds for the operation of the Coletto Creek Park. These amounts are estimated at \$630,500; \$31,780; \$76,000; \$21,000, and \$2,400 respectively. The proposed fee schedule for FY 2016 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 \$ 5,150 for Public Information, \$6,960 for process/special operating, \$5,160 for communications, \$52,300 for park electrical power, \$ 5,200 for Office Supplies, \$20,000 for credit card processing fees, and \$ 23,100 for insurance costs.

Significant maintenance and repair expenses for the ensuing fiscal year includes \$ 3,000 for HQ services, \$4,560 in materials for continued repair, and maintenance of camping cabins and rental trailers;

and \$3,480 in materials budgeted and labeled as “grounds keeping” for the ongoing management of aquatic plants around the park shoreline.

A Work Authorization is proposed in the form of replacing playground equipment in the Picnic Area at a projected expense of \$10,000. The playground is over 25 years old and reached the end of its safe life. A grant will be sought to fund this Work Authorization.

#### **FUND BALANCE**

Funds for the above listed work authorization, and operating expenditures as well as all of the other expenditures that are summarized in the following pages will be provided from the revenue sources discussed above in addition to an interfund loan from GBRA’s General Division in the amount of \$21,800.

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**092 - COLETO CREEK RECREATION**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>RECREATION &amp; LAND USE:</b>			
RECREATION FEES	630,500	630,500	
HUNTING REVENUES	24,360	31,780	7,420
<b>Total RECREATION &amp; LAND USE</b>	<b>654,860</b>	<b>662,280</b>	<b>7,420</b>
<b>RENTALS:</b>			
LEASE REVENUES	75,000	76,000	1,000
EQUIP AND BUILDING	9,587	13,620	4,034
<b>Total RENTALS</b>	<b>84,587</b>	<b>89,620</b>	<b>5,034</b>
<b>MISCELLANEOUS INCOME:</b>			
CONCESSION/EVENTS REVENUE	13,000	21,000	8,000
MISCELLANEOUS REVENUES	18,000	2,400	(15,600)
<b>Total MISCELLANEOUS INCOME</b>	<b>31,000</b>	<b>23,400</b>	<b>(7,600)</b>
<b>TOTAL OPERATING REVENUES</b>	<b>770,447</b>	<b>775,300</b>	<b>4,854</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	29,369	28,916	(453)
SUPERVISION	6,406	6,432	25
LABOR	198,007	202,591	4,583
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>233,783</b>	<b>237,938</b>	<b>4,155</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	1,620	1,620	
EMPLOYEE BENEFITS	134,602	137,941	3,339
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>136,222</b>	<b>139,561</b>	<b>3,339</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	4,500	4,500	
PUBLIC INFORMATION		5,150	5,150
DUES AND MEMBERSHIPS	1,920	1,920	
PUBLICATIONS AND BOOKS	300	120	(180)
SMALL TOOLS EXPENSE	240	120	(120)
GROUPS CARE EQUIPMENT	1,020	600	(420)
UNIFORMS AND LAUNDRY	2,160	2,160	



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**092 - COLETO CREEK RECREATION**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
PROCESS/SPECIAL OPERATING	9,960	6,960	(3,000)
TRAINING EXPENSES	2,520	2,520	
SAFETY & EMERG. EXPENSES	3,420	3,420	
PARK POWER AND UTILITIES	48,000	52,300	4,300
HDQTRS POWER & UTILITIES	8,400	8,400	
GROUP SHELTER POWER&UTIL	1,200	900	(300)
SHOP/WELL PUMP UTILITIES	780	780	
CHLORINE	168	168	
LAB SUPPLIES & EXPENSES	864	348	(516)
COMMUNICATIONS	5,160	5,160	
OFFICE SUPPLIES & EXPENSES	5,820	5,200	(620)
COMPUTER SUPPLIES & SERVICE	3,720	4,320	600
BANK SERVICE FEES	20,000	20,000	
CONCESSIONS & SPECIAL EVENT	3,120	3,120	
INSURANCE EXPENSE	22,000	23,100	1,100
MISCELLANEOUS EXPENSES	1,920	1,920	
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>147,192</b>	<b>153,186</b>	<b>5,994</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	98,569	102,657	4,088
MATERIAL	29,592	28,872	(720)
SERVICES	14,300	12,480	(1,820)
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>142,461</b>	<b>144,009</b>	<b>1,548</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>659,658</b>	<b>674,694</b>	<b>15,036</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	109,676	112,396	2,721
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>109,676</b>	<b>112,396</b>	<b>2,721</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>769,333</b>	<b>787,090</b>	<b>17,757</b>
<b>NET OPERATING INCOME</b>	<b>1,113</b>	<b>(11,790)</b>	<b>(12,903)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**092 - COLETO CREEK RECREATION**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	770,447	775,300	4,854
OPERATING EXPENSES	(769,333)	(787,090)	(17,757)
<b>NET OPERATING INCOME</b>	<b>1,113</b>	<b>(11,790)</b>	<b>(12,903)</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON NOW ACCTS	36	36	
<b>Total INTEREST INCOME</b>	<b>36</b>	<b>36</b>	
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>36</b>	<b>36</b>	
<b>CHANGE IN NET ASSETS</b>	<b>1,149</b>	<b>(11,754)</b>	<b>(12,903)</b>
<b>INTERFUND LOANS</b>			
GENERAL LOANS PAID		21,800	21,800
<b>Total INTERFUND LOANS</b>		<b>21,800</b>	<b>21,800</b>
<b>DEBT CAPITAL</b>			
BANK LOANS	26,000		(26,000)
GENERAL LOANS	2,000		(2,000)
<b>Total DEBT CAPITAL</b>	<b>28,000</b>		<b>(28,000)</b>
<b>TOTAL FUNDS AVAILABLE</b>	<b>29,149</b>	<b>10,046</b>	<b>(19,103)</b>
<b>PURCHASES OF FIXED ASSETS</b>			
AUTO & HEAVY EQUIPMENT	16,000		(16,000)
MISCELLANEOUS EQUIPMENT	10,000		(10,000)
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>26,000</b>		<b>(26,000)</b>
<b>WORK IN PROGRESS</b>			
WIP-OPERATING		10,000	10,000
<b>Total WORK IN PROGRESS</b>		<b>10,000</b>	<b>10,000</b>

**DEBT SERVICE**

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**092 - COLETO CREEK RECREATION**

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
LOANS PAID	2,600		(2,600)
<b>Total DEBT SERVICE</b>	<b>2,600</b>		<b>(2,600)</b>
<b>TOTAL FUNDS APPLIED</b>	<b>28,600</b>	<b>10,000</b>	<b>(18,600)</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>549</b>	<b>46</b>	<b>(503)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**092 - COLETO CREEK RECREATION**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	12,476	11,223	(1,253)
STA- CLERICAL	16,893	17,693	799
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>29,369</b>	<b>28,916</b>	<b>(453)</b>
<b>SUPERVISION:</b>			
SUPERVISION	6,406	6,432	25
<b>Total SUPERVISION</b>	<b>6,406</b>	<b>6,432</b>	<b>25</b>
<b>OPERATING LABOR:</b>			
CLERICAL	511	425	(86)
REG- OPERATING LABOR	146,364	152,951	6,587
CLR- OPERATING LABOR	23,978	25,201	1,223
REG- SAFETY & TRAINING	6,491	6,765	274
OVT- OPERATING LABOR	10,807	6,998	(3,809)
OVT- SAFETY & TRAINING LBR	2,375	2,470	95
REG- WORKING HOLIDAY LABOR	7,480	7,780	300
<b>Total OPERATING LABOR</b>	<b>198,007</b>	<b>202,591</b>	<b>4,583</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	92,391	96,300	3,909
<b>Total M&amp;R-LABOR</b>	<b>92,391</b>	<b>96,300</b>	<b>3,909</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER	3,291	3,087	(204)
<b>Total M&amp;R-OVERTIME</b>	<b>3,291</b>	<b>3,087</b>	<b>(204)</b>
<b>M&amp;R-WORKING HOLIDAY PAY:</b>			
HOL/LBR- OTHER	2,887	3,269	383
<b>Total M&amp;R-WORKING HOLIDAY PAY</b>	<b>2,887</b>	<b>3,269</b>	<b>383</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>98,569</b>	<b>102,657</b>	<b>4,088</b>
<b>WORK IN PROGRESS</b>			

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**092 - COLETO CREEK RECREATION**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>PROJECT DEVELOPMENT</b>	<hr/>	<hr/>	<hr/>
	<hr/>	<hr/>	<hr/>
<b>TOTAL SALARIES &amp; WAGES</b>	<b>332,351</b>	<b>340,595</b>	<b>8,243</b>
	<hr/>	<hr/>	<hr/>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**092 - COLETO CREEK RECREATION**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	92,391	96,300	3,909
OVT/LBR- OTHER	3,291	3,087	(204)
HOL/LBR- OTHER	2,887	3,269	383
<b>Total LABOR</b>	<b>98,569</b>	<b>102,657</b>	<b>4,088</b>
<b>MATERIAL:</b>			
M&R/MAT- HDQTRS COMPLEX	2,400	2,400	
M&R/MAT- FENCES & R.O.W.	600	300	(300)
M&R/MAT- SIGNS & BARRIERS		300	300
M&R/MAT- BOAT RAMPS&DOCKS	900	900	
M&R/MAT- CAMP SITES	3,000	3,000	
M&R/MAT- PICNIC SITES	240	600	360
M&R/MAT- GROUNDSKEEPING	3,480	3,480	
M&R/MAT- TRUCK UNIT 94	540	540	
M&R/MAT- TRUCK UNIT 95	540	540	
M&R/MAT- DAY USE RESTROOM	480	480	
M&R/MAT- CAMPGROUND RESTR	1,200	1,200	
M&R/MAT- EQP/STRUC. PAINT	480	480	
M&R/MAT- RDS, BRDG & PARK	600	600	
M&R/MAT- PIERS & DOCKS	480	480	
M&R/MAT- CAMPING CABINS	4,560	4,560	
M&R/MAT- VANDALISM REPAIR	240	240	
M&R/MAT- DUMP/SEPTIC SYST	792	792	
M&R/MAT- SHELTER	480	480	
M&R/MAT- GROUND CARE EQUIP	4,920	3,600	(1,320)
M&R/MAT- PAVILION	1,020	1,020	
M&R/MAT- FISHERY & WILDLIFE	2,100	2,340	240
M&R/MAT- UNIT 96	540	540	
<b>Total MATERIAL</b>	<b>29,592</b>	<b>28,872</b>	<b>(720)</b>
<b>SERVICES:</b>			
M&R/SER- HDQTRS COMPLEX	3,620	3,000	(620)
M&R/SER- TRUCK UNIT 94	540	540	
M&R/SER- TRUCK UNIT 95	540	540	
M&R/SER- CAMPGROUND RESTR	480	480	
M&R/SER- CAMPING CABINS	900	900	
M&R/SER- GARBAGE HANDLING	3,780	3,780	
M&R/SER- DUMP/SEPTIC SYST	300	300	
M&R/SER- SHELTER	3,600	2,400	(1,200)
M&R/SER- UNIT 96	540	540	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**092 - COLETO CREEK RECREATION**

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
<b>Total SERVICES</b>	14,300	12,480	(1,820)
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	142,461	144,009	1,548

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**092 - COLETO CREEK RECREATION**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>PROJECT DEVELOPMENT</b>	_____	_____	_____
<b>TOTAL PROJECT DEVELOPMENT</b>	=====	=====	=====



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**092 - COLETO CREEK RECREATION**

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
<b>WIP - OPERATING</b>			
PLAYGROUND UPGRADE-MAT'L		10,000	10,000
<b>Total</b>		<b>10,000</b>	<b>10,000</b>
<b>TOTAL WIP - OPERATING</b>		<b>10,000</b>	<b>10,000</b>

GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016

092 - COLETO CREEK RECREATION

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
WIP - CONSTRUCTION	_____	_____	_____
TOTAL WIP - CONSTRUCTION	=====	=====	=====



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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  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WATER SALES &amp; LAKE OPERATIONS:</b>			
COLETO CREEK POWER,LP- O&M EXP	840,134	876,358	36,224
COLETO CREEK POWER,LP- A&G EXP	29,051	26,240	(2,811)
CCP,LP- ADDS. TO PLANT & EQUIP	17,750	5,000	(12,750)
<b>Total WATER SALES &amp; LAKE OPERATIONS</b>	<b>886,935</b>	<b>907,598</b>	<b>20,663</b>
<b>RECREATION &amp; LAND USE:</b>			
RECREATION FEES	630,500	630,500	
HUNTING REVENUES	24,360	31,780	7,420
<b>Total RECREATION &amp; LAND USE</b>	<b>654,860</b>	<b>662,280</b>	<b>7,420</b>
<b>RENTALS:</b>			
LEASE REVENUES	75,000	76,000	1,000
EQUIP AND BUILDING	9,587	13,620	4,034
<b>Total RENTALS</b>	<b>84,587</b>	<b>89,620</b>	<b>5,034</b>
<b>MISCELLANEOUS INCOME:</b>			
CONCESSION/EVENTS REVENUE	13,000	21,000	8,000
MISCELLANEOUS REVENUES	18,000	2,400	(15,600)
<b>Total MISCELLANEOUS INCOME</b>	<b>31,000</b>	<b>23,400</b>	<b>(7,600)</b>
<b>TOTAL OPERATING REVENUES</b>	<b>1,657,381</b>	<b>1,682,898</b>	<b>25,517</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	46,775	46,068	(707)
SUPERVISION	21,658	22,170	512
LABOR	407,878	418,763	10,885
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>476,311</b>	<b>487,001</b>	<b>10,690</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	5,244	5,244	
EMPLOYEE BENEFITS	315,276	324,979	9,703
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>320,520</b>	<b>330,223</b>	<b>9,703</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	23,940	23,940	
BUILDING RENTAL	9,587	13,620	4,034

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
PUBLIC INFORMATION		5,150	5,150
DUES AND MEMBERSHIPS	2,808	2,808	
PUBLICATIONS AND BOOKS	1,080	900	(180)
SMALL TOOLS EXPENSE	2,316	2,196	(120)
GROUPS CARE EQUIPMENT	1,560	1,140	(420)
BOAT OPERATING	324	324	
UNIFORMS AND LAUNDRY	5,580	5,580	
PROCESS/SPECIAL OPERATING	11,760	8,760	(3,000)
GAUGING/MONITORING	21,000	16,776	(4,224)
TRAINING EXPENSES	5,568	5,568	
SAFETY & EMERG. EXPENSES	16,968	16,968	
SECURITY EXPENSE	804	804	
POWER AND UTILITIES	4,032	4,032	
PUMP STATION POWER/UTILIT	12,000	12,000	
PARK POWER AND UTILITIES	48,000	52,300	4,300
HDQTRS POWER & UTILITIES	8,400	8,400	
GROUP SHELTER POWER&UTIL	1,200	900	(300)
SHOP/WELL PUMP UTILITIES	780	780	
CHLORINE	168	168	
LAB SUPPLIES & EXPENSES	1,332	816	(516)
PROFESSIONAL FEES	13,740	10,200	(3,540)
COMMUNICATIONS	9,156	9,156	
OFFICE SUPPLIES & EXPENSES	10,716	10,096	(620)
COMPUTER SUPPLIES & SERVICE	8,496	9,096	600
BANK SERVICE FEES	20,000	20,000	
CONCESSIONS & SPECIAL EVENT	3,120	3,120	
INSURANCE EXPENSE	38,400	40,300	1,900
MISCELLANEOUS EXPENSES	6,252	6,252	
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>289,087</b>	<b>292,150</b>	<b>3,064</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	302,149	315,417	13,268
MATERIAL	74,864	71,744	(3,120)
SERVICES	36,860	54,516	17,656
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>413,873</b>	<b>441,677</b>	<b>27,804</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>1,499,791</b>	<b>1,551,052</b>	<b>51,260</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	138,727	138,637	(90)

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>138,727</b>	<b>138,637</b>	<b>(90)</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>1,638,518</b>	<b>1,689,688</b>	<b>51,170</b>
<b>NET OPERATING INCOME</b>	<b>18,863</b>	<b>(6,790)</b>	<b>(25,653)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	1,657,381	1,682,898	25,517
OPERATING EXPENSES	(1,638,518)	(1,689,688)	(51,170)
<b>NET OPERATING INCOME</b>	<b>18,863</b>	<b>(6,790)</b>	<b>(25,653)</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON OPERATING FUNDS	36		(36)
INT ON NOW ACCTS	36	36	
<b>Total INTEREST INCOME</b>	<b>72</b>	<b>36</b>	<b>(36)</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>72</b>	<b>36</b>	<b>(36)</b>
<b>CHANGE IN NET ASSETS</b>	<b>18,935</b>	<b>(6,754)</b>	<b>(25,689)</b>
<b>INTERFUND LOANS</b>			
GENERAL LOANS PAID		21,800	21,800
<b>Total INTERFUND LOANS</b>		<b>21,800</b>	<b>21,800</b>
<b>DEBT CAPITAL</b>			
BANK LOANS	26,000		(26,000)
GENERAL LOANS	2,000		(2,000)
<b>Total DEBT CAPITAL</b>	<b>28,000</b>		<b>(28,000)</b>
<b>TOTAL FUNDS AVAILABLE</b>	<b>46,935</b>	<b>15,046</b>	<b>(31,889)</b>
<b>PURCHASES OF FIXED ASSETS</b>			
AUTO & HEAVY EQUIPMENT	31,000	5,000	(26,000)
MISCELLANEOUS EQUIPMENT	12,750		(12,750)
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>43,750</b>	<b>5,000</b>	<b>(38,750)</b>
<b>WORK IN PROGRESS</b>			
WIP-OPERATING		10,000	10,000
<b>Total WORK IN PROGRESS</b>		<b>10,000</b>	<b>10,000</b>
<b>DEBT SERVICE</b>			



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
LOANS PAID	2,600		(2,600)
<b>Total DEBT SERVICE</b>	<b>2,600</b>		<b>(2,600)</b>
<b>TOTAL FUNDS APPLIED</b>	<b>46,350</b>	<b>15,000</b>	<b>(31,350)</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>585</b>	<b>46</b>	<b>(539)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	20,873	18,879	(1,994)
STA- CLERICAL	25,902	27,189	1,287
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>46,775</b>	<b>46,068</b>	<b>(707)</b>
<b>SUPERVISION:</b>			
SUPERVISION	21,658	22,170	512
<b>Total SUPERVISION</b>	<b>21,658</b>	<b>22,170</b>	<b>512</b>
<b>OPERATING LABOR:</b>			
CLERICAL	945	956	11
REG- OPERATING LABOR	283,480	295,886	12,406
CLR- OPERATING LABOR	77,147	80,647	3,500
REG- SAFETY & TRAINING	6,491	6,765	274
OVT- OPERATING LABOR	23,392	17,075	(6,317)
OVT- SAFETY & TRAINING LBR	2,375	2,470	95
REG- WORKING HOLIDAY LABOR	14,047	14,963	916
<b>Total OPERATING LABOR</b>	<b>407,878</b>	<b>418,763</b>	<b>10,885</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	293,288	306,265	12,977
<b>Total M&amp;R-LABOR</b>	<b>293,288</b>	<b>306,265</b>	<b>12,977</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER	5,974	5,883	(92)
<b>Total M&amp;R-OVERTIME</b>	<b>5,974</b>	<b>5,883</b>	<b>(92)</b>
<b>M&amp;R-WORKING HOLIDAY PAY:</b>			
HOL/LBR- OTHER	2,887	3,269	383
<b>Total M&amp;R-WORKING HOLIDAY PAY</b>	<b>2,887</b>	<b>3,269</b>	<b>383</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>302,149</b>	<b>315,417</b>	<b>13,268</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>TOTAL SALARIES &amp; WAGES</b>	<b>778,460</b>	<b>802,418</b>	<b>23,958</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	293,288	306,265	12,977
OVT/LBR- OTHER	5,974	5,883	(92)
HOL/LBR- OTHER	2,887	3,269	383
<b>Total LABOR</b>	<b>302,149</b>	<b>315,417</b>	<b>13,268</b>
<b>MATERIAL:</b>			
M&R/MAT- HDQTRS COMPLEX	3,384	3,384	
M&R/MAT- MAIN SPILLGATES	3,120	720	(2,400)
M&R/MAT- DIKES SPILLGATES	240	240	
M&R/MAT- S/GATES & T/RACK	180	180	
M&R/MAT- INST & MONITOR	8,520	8,520	
M&R/MAT- MAIN MTRS/HOISTS	360	360	
M&R/MAT- DIKE MTRS/HOISTS	360	360	
M&R/MAT- FENCES & R.O.W.	1,080	780	(300)
M&R/MAT- SIGNS & BARRIERS	240	540	300
M&R/MAT- BOAT RAMPS&DOCKS	2,700	2,700	
M&R/MAT- CAMP SITES	4,800	4,800	
M&R/MAT- PICNIC SITES	240	600	360
M&R/MAT- GROUNDSKEEPING	12,840	12,840	
M&R/MAT- TRUCK UNIT 94	540	540	
M&R/MAT- TRUCK UNIT 95	2,940	2,940	
M&R/MAT- DAY USE RESTROOM	720	720	
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	2,880	
M&R/MAT- ELECTRICAL	320	320	
M&R/MAT- RDS, BRDG & PARK	3,528	3,528	
M&R/MAT- EROSION & DRAIN	1,200	1,200	
M&R/MAT- TOOLS & EQUIP.	2,748	2,748	
M&R/MAT- RADIO EQUIPMENT	120	120	
M&R/MAT- WATER LINES	120	120	
M&R/MAT- PIERS & DOCKS	840	840	
M&R/MAT- CAMPING CABINS	4,920	4,920	
M&R/MAT- GARBAGE HANDLING	360	360	
M&R/MAT- VANDALISM REPAIR	600	600	
M&R/MAT- DUMP/SEPTIC SYST	912	912	
M&R/MAT- SHELTER	480	480	
M&R/MAT- GROUND CARE EQUIP	4,920	3,600	(1,320)
M&R/MAT- PAVILION	1,020	1,020	
M&R/MAT- FISHERY & WILDLIFE	2,100	2,340	240
M&R/MAT- UNIT 96	540	540	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total MATERIAL</b>	<b>74,864</b>	<b>71,744</b>	<b>(3,120)</b>
<b>SERVICES:</b>			
M&R/SER- HDQTRS COMPLEX	3,620	6,504	2,884
M&R/SER- MAIN SPILLGATES	5,460	7,140	1,680
M&R/SER- DIKES SPILLGATES		1,800	1,800
M&R/SER- INST & MONITOR	3,576	8,976	5,400
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	1,560	5,160	3,600
M&R/SER- TRUCK UNIT 94	540	540	
M&R/SER- TRUCK UNIT 95	1,740	1,740	
M&R/SER- FISH STATION	2,208	2,208	
M&R/SER- CAMPGROUND RESTR	480	480	
M&R/SER- RDS, BRDG & PARK	2,880	6,372	3,492
M&R/SER- EROSION & DRAIN	1,200	1,200	
M&R/SER- TOOLS & EQUIP.	240	240	
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	1,380	
M&R/SER- GARBAGE HANDLING	4,260	4,260	
M&R/SER- VANDALISM REPAIR	480	480	
M&R/SER- DUMP/SEPTIC SYST	300	300	
M&R/SER- SHELTER	3,600	2,400	(1,200)
M&R/SER- UNIT 96	540	540	
<b>Total SERVICES</b>	<b>36,860</b>	<b>54,516</b>	<b>17,656</b>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>413,873</b>	<b>441,677</b>	<b>27,804</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>PROJECT DEVELOPMENT</b>	_____	_____	_____
<b>TOTAL PROJECT DEVELOPMENT</b>	=====	=====	=====

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>WIP - OPERATING</b>			
PLAYGROUND UPGRADE-MAT'L		10,000	10,000
<b>Total</b>		<b>10,000</b>	<b>10,000</b>
<b>TOTAL WIP - OPERATING</b>		<b>10,000</b>	<b>10,000</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORK PLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**COLETO CREEK RESERVOIR**

	<b>FY 2016 BUDGET</b>
<b>AUTO &amp; HEAVY EQUIPMENT</b>	
72" SKID STEER ROTARY CUTTER	5,000
<b>Total AUTO &amp; HEAVY EQUIPMENT</b>	<b>5,000</b>
<b>TOTAL CAPITAL ADDITIONS</b>	<b>5,000</b>





Clarifiers

Luling WTP

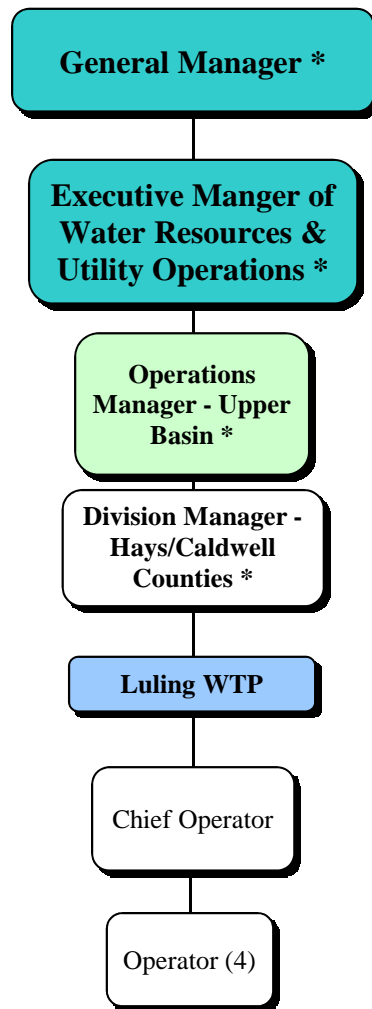
Under water rights permits issued by the State of Texas, the GBRA Luling Water Treatment Plant is capable of diverting up to 4,422 acre-feet of water annually from the San Marcos River near Luling, providing a reliable source of municipal water treatment and delivery to the City of Luling and to the 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	• Service Population:	16,695
• Location:	Luling, TX	• Capacity:	2.5 mgd
• Startup Operation Date:	1978	• # of Current Employees:	5
• Customer:	Cities of Luling & Lockhart	• Budgeted Revenue:	\$1,472,351



## Luling WTP Division Organizational Chart



\* GBRA employee from another Division



	# of Authorized Positions (FTE)		
Luling	2014	2015	2016
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.

## **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 0.10 NTU or lower on 98% of finished water samples each month.

To ... maintain a turbidity of 1.9 NTU or lower on 98% of settled water samples taken during each month.

To ... maintain a free ammonia residual of 0.20 mg/l or less on 95% of distribution samples taken during year.

To ... maintain a fluoride residual between 0.65 and 0.80 PPM on 96% 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.

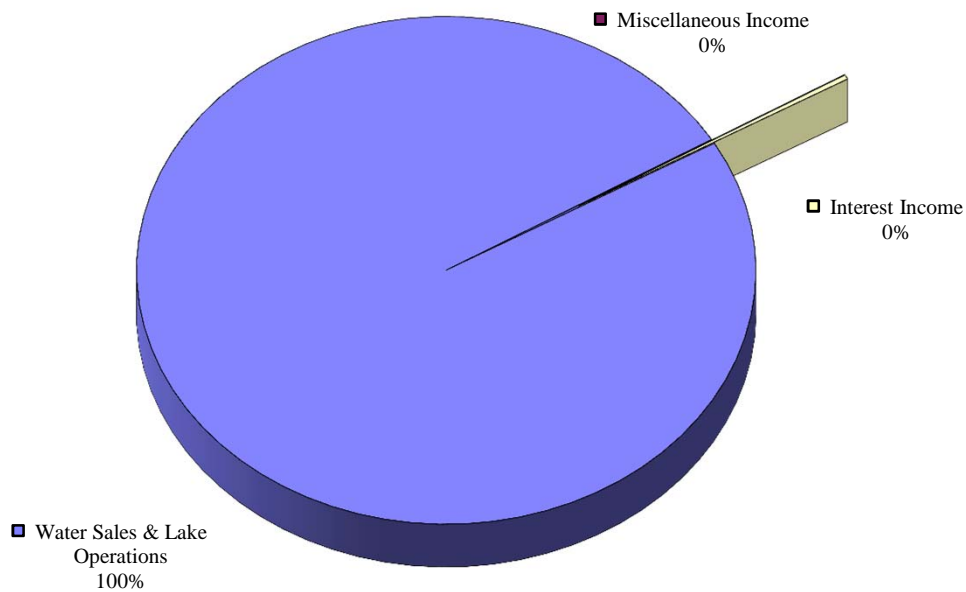
To ... educate and support the local community on importance of water treatment, conservation and other water-related topics by:

- 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

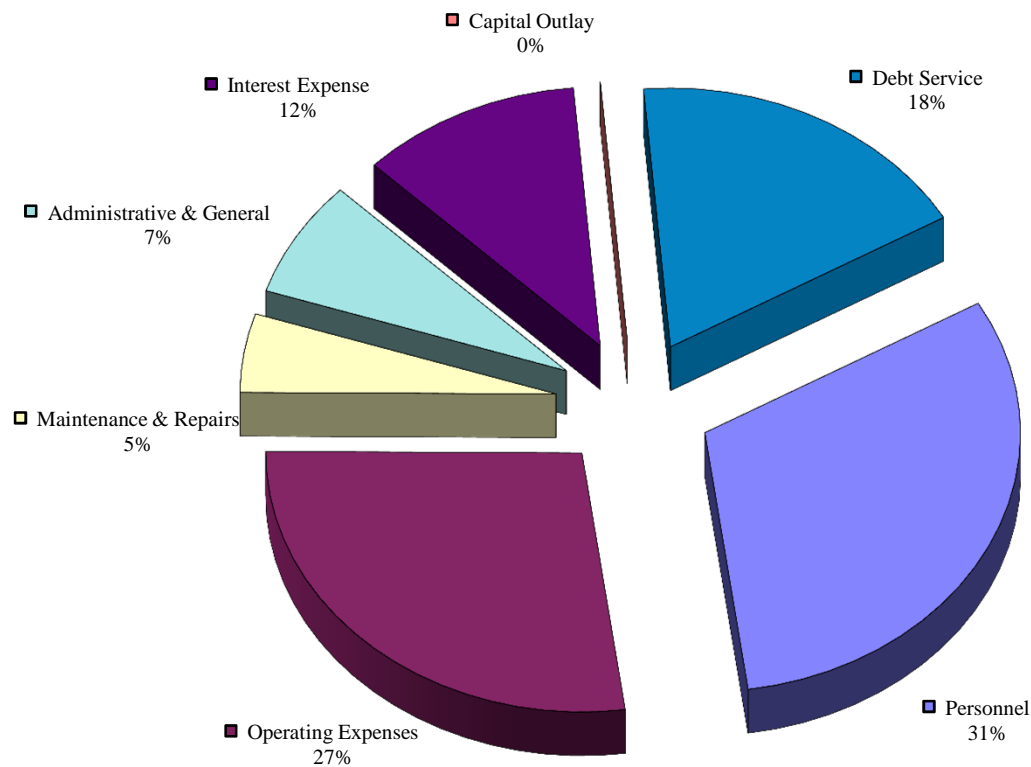


Revenues	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	1,333,763	1,437,094	1,472,351
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income			
<b>Total Operating Revenues</b>	<b>1,333,763</b>	<b>1,437,094</b>	<b>1,472,351</b>
Interest Income	4,596	4,920	4,140
<b>Grand Total Revenues</b>	<b>1,338,359</b>	<b>1,442,014</b>	<b>1,476,491</b>



## Budget Summary

### EXPENSES - Luling



Expenses	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Personnel	377,638	415,438	433,381
Operating Expenses	388,705	342,643	379,622
Maintenance & Repairs	41,130	76,491	68,366
Administrative & General	88,218	97,341	101,556
<b>Total Operating Expenses</b>	<b>895,691</b>	<b>931,913</b>	<b>982,925</b>
Interest Expense	229,035	166,047	157,737
Capital Outlay	5,787		
Debt Service		238,664	250,835
<b>Grand Total Expenses</b>	<b>1,130,513</b>	<b>1,336,624</b>	<b>1,391,497</b>





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## **Luling Water Treatment Plant Division Operating Plan for Fiscal Year ending 8/31/2016**

### **BACKGROUND**

This work plan and budget describes the operations and maintenance of the Luling Water Treatment Plant Division to be performed during the 2016 Fiscal Year based on an average treated water delivery of 0.685 MGD to the City of Luling and a treated water delivery of 1.166 MGD to the City of Lockhart for a total delivery of 1.851 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 period. 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 for the City of Luling.

FY 2016 operating revenue is budgeted to increase 2.45% or \$35,257.

### **CAPITAL ADDITIONS AND OPERATING EXPENDITURES**

Significant operating expenses for the ensuing fiscal year include \$75,475 for power and utilities at the Water Treatment Plant, \$41,852 for power and utilities at the Luling High Service Pump Station, \$73,037 for power costs to operate the treated water line to Lockhart, \$17,797 for chlorine used in the disinfection process, and \$65,166 for ferric chloride used in the coagulation process. Another significant operating expenditure is the \$9,160 for laboratory expenses and testing fees performed by the Texas Commission on Environmental Quality (TCEQ).

In order to keep plant personnel abreast of changing regulations and treatment techniques, plant personnel will be enrolled in the continuing education classes taught by the Texas Engineering Extension Service and the Texas Commission on Environmental Quality. Additional technical and safety training will be provided by GBRA.

**FUND BALANCE**

Funds for the above listed maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided from revenues from the City of Luling and the City of Lockhart. This division generally represents a contract operation in which GBRA does not over-recover nor under-recover its costs; therefore, the net increase in fund balance for FY 2016 related to normal operating activities amounts to only \$4,140. 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-Lokchart Pipeline. That DCF amounts to \$40,855 and is paid entirely by the City of Lockhart. As a result, the total increase in GBRA's Luling Division fund balance for FY 2016 is \$44,994

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**100 - LULING WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WATER SALES &amp; LAKE OPERATIONS:</b>			
PLANT O & M EXPENSES	320,282	322,323	2,041
ADMIN. & GENERAL EXPENSE	33,198	33,736	538
DEBT SERVICE - LU/LO PROJECT	404,711	408,572	3,861
DEBT COV. FACTOR-LU/LO PROJECT	40,470	40,855	385
LU/LO TREATMENT PLT CHRGS	496,193	523,436	27,243
W/S-LU/LO DELIVERY SYSTEM	142,240	143,429	1,189
<b>Total WATER SALES &amp; LAKE OPERATIONS</b>	<b>1,437,094</b>	<b>1,472,351</b>	<b>35,257</b>
<b>TOTAL OPERATING REVENUES</b>	<b>1,437,094</b>	<b>1,472,351</b>	<b>35,257</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	22,268	17,314	(4,954)
SUPERVISION	18,140	18,842	702
LABOR	203,602	216,736	13,134
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>244,010</b>	<b>252,892</b>	<b>8,882</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	1,000	1,000	
EMPLOYEE BENEFITS	119,464	124,636	5,172
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>120,464</b>	<b>125,636</b>	<b>5,172</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	4,400	4,400	
EQUIPMENT RENTAL	1,650	1,650	
DUES AND MEMBERSHIPS	300	300	
PUBLICATIONS AND BOOKS	150	150	
SMALL TOOLS EXPENSE	300	300	
TRACTORS AND EQUIPMENT	314	314	
UNIFORMS AND LAUNDRY	3,180	3,520	340
TRAINING EXPENSES	1,920	2,500	580
SAFETY & EMERG. EXPENSES	1,028	1,028	
SECURITY EXPENSE	300	300	
POWER AND UTILITIES	76,849	75,475	(1,374)
POWER/UTIL-LULING HIGH SERVICE	44,055	41,852	(2,203)
POWER/UTIL-LU/LO PROJECT	74,915	73,037	(1,878)
CHLORINE	14,940	17,797	2,857
AMMONIA	9,350	12,825	3,475

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**100 - LULING WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
ALUM/FERRIC	67,552	65,166	(2,386)
FLUOSILICIC ACID		11,590	11,590
LAB SUPPLIES & EXPENSES	9,160	9,160	
PROFESSIONAL FEES	3,700	28,700	25,000
OPER EXP-LU/LO PROJECT	2,250	2,250	
INSPECTION FEES	350	428	78
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	17,500	18,400	900
MISCELLANEOUS EXPENSES	2,400	2,400	
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>342,643</b>	<b>379,622</b>	<b>36,979</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	50,964	54,853	3,889
MATERIAL	33,325	28,980	(4,345)
SERVICES	43,166	39,386	(3,780)
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>127,455</b>	<b>123,219</b>	<b>(4,236)</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>834,572</b>	<b>881,369</b>	<b>46,797</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	97,341	101,556	4,214
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>97,341</b>	<b>101,556</b>	<b>4,214</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>931,913</b>	<b>982,925</b>	<b>51,011</b>
<b>NET OPERATING INCOME</b>	<b>505,181</b>	<b>489,426</b>	<b>(15,754)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**100 - LULING WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	1,437,094	1,472,351	35,257
OPERATING EXPENSES	(931,913)	(982,925)	(51,011)
<b>NET OPERATING INCOME</b>	<b>505,181</b>	<b>489,426</b>	<b>(15,754)</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON OPERATING FUNDS	2,160	1,200	(960)
INT ON LU/LO OPR FUND	2,160	2,280	120
INT ON LU/LO I&S FUND	600	660	60
<b>Total INTEREST INCOME</b>	<b>4,920</b>	<b>4,140</b>	<b>(780)</b>
<b>INTEREST &amp; BANK FEES:</b>			
INT EXP - LU/LO PROJECT	(166,047)	(157,737)	8,310
<b>Total INTEREST &amp; BANK FEES</b>	<b>(166,047)</b>	<b>(157,737)</b>	<b>8,310</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>(161,127)</b>	<b>(153,597)</b>	<b>7,530</b>
<b>CHANGE IN NET ASSETS</b>	<b>344,054</b>	<b>335,829</b>	<b>(8,224)</b>
<b>CHANGE IN RESTRICTED FUNDS</b>	<b>(40,000)</b>	<b>(40,000)</b>	
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
<b>TOTAL FUNDS AVAILABLE</b>	<b>304,054</b>	<b>295,829</b>	<b>(8,224)</b>
<b>PURCHASES OF FIXED ASSETS</b>			
<b>WORK IN PROGRESS</b>			
WIP-OPERATING	20,000		(20,000)
<b>Total WORK IN PROGRESS</b>	<b>20,000</b>		<b>(20,000)</b>
<b>DEBT SERVICE</b>			

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**100 - LULING WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
BONDS PAID	238,664	250,835	12,171
<b>Total DEBT SERVICE</b>	<b>238,664</b>	<b>250,835</b>	<b>12,171</b>
<b>TOTAL FUNDS APPLIED</b>	<b>258,664</b>	<b>250,835</b>	<b>(7,829)</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>45,390</b>	<b>44,994</b>	<b>(395)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**100 - LULING WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	14,447	9,087	(5,360)
STA- CLERICAL	7,821	8,227	406
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>22,268</b>	<b>17,314</b>	<b>(4,954)</b>
<b>SUPERVISION:</b>			
SUPERVISION	17,454	18,128	674
SUP- LU/LO PROJECT	686	714	27
<b>Total SUPERVISION</b>	<b>18,140</b>	<b>18,842</b>	<b>702</b>
<b>OPERATING LABOR:</b>			
CLERICAL	409	425	16
REG- OPERATING LABOR	143,634	152,933	9,299
REG- MISC LABOR	407	128	(279)
REG- LU/LO PROJECT LABOR	20,934	22,459	1,525
OVT- OPERATING LABOR	29,729	31,736	2,007
OVT- LU/LO PROJECT LBR	3,612	3,801	190
REG- WORKING HOLIDAY LABOR	4,878	5,253	375
<b>Total OPERATING LABOR</b>	<b>203,602</b>	<b>216,736</b>	<b>13,134</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- LU/LO PROJECT	4,196	4,466	270
REG/LBR- OTHER	43,719	47,103	3,385
<b>Total M&amp;R-LABOR</b>	<b>47,915</b>	<b>51,570</b>	<b>3,655</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER	3,049	3,283	234
<b>Total M&amp;R-OVERTIME</b>	<b>3,049</b>	<b>3,283</b>	<b>234</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>50,964</b>	<b>54,853</b>	<b>3,889</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			

GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016

100 - LULING WTP

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
TOTAL SALARIES & WAGES	294,974	307,744	12,771



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**100 - LULING WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- LU/LO PROJECT	4,196	4,466	270
REG/LBR- OTHER	43,719	47,103	3,385
OVT/LBR- OTHER	3,049	3,283	234
<b>Total LABOR</b>	<b>50,964</b>	<b>54,853</b>	<b>3,889</b>
<b>MATERIAL:</b>			
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	6,563	3,000	(3,563)
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	702	720	18
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	720	
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	
<b>Total MATERIAL</b>	<b>33,325</b>	<b>28,980</b>	<b>(4,345)</b>
<b>SERVICES:</b>			
M&R/SER- CHEM. FEED EQUIP	3,900	6,000	2,100
M&R/SER- METERS	996	996	
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	2,500	
M&R/SER- BIOSOLIDS BEDS	10,000		(10,000)
M&R/SER- MOWER & EQUIP.	800	800	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**100 - LULING WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
M&R/SER- ROADS		2,000	2,000
M&R/SER- SCADA/COMPUTERS	1,200	2,000	800
M&R/SER- LULING HS PUMP STATIO	4,380	4,380	
M&R/SER- GENERATOR	900	2,720	1,820
M&R/SER- LU/LO DELIVERY SYSTEM	10,090	9,590	(500)
<b>Total SERVICES</b>	<b>43,166</b>	<b>39,386</b>	<b>(3,780)</b>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>127,455</b>	<b>123,219</b>	<b>(4,236)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**100 - LULING WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>PROJECT DEVELOPMENT</b>	_____	_____	_____
<b>TOTAL PROJECT DEVELOPMENT</b>	=====	=====	=====

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**100 - LULING WTP**

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
<b>WIP - OPERATING</b>			
RWPS ELECTRICAL-SERVICE	20,000		(20,000)
	<hr/>	<hr/>	<hr/>
<b>Total</b>	<b>20,000</b>		<b>(20,000)</b>
<b>TOTAL WIP - OPERATING</b>	<b>20,000</b>		<b>(20,000)</b>
	<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>

GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016

100 - LULING WTP

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
WIP - CONSTRUCTION	_____	_____	_____
TOTAL WIP - CONSTRUCTION	=====	=====	=====



# *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.

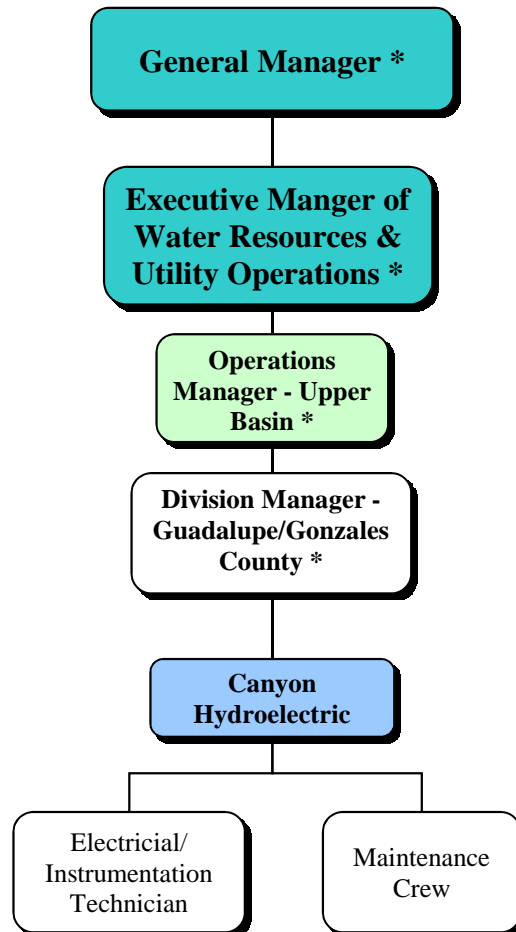
The plant is equipped with two 3-megawatt generators that use available river flows in the range of 90 to 300 cubic feet per second (cfs) each to produce electricity. Included in the plant is a bypass valve capable of releasing up to 500 additional cfs. Flows above the combined total of 1,100 cfs must 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	• Capacity:	6 MW
• Location: Sattler, TX	• Average Kwh Produced:	25,210,000
• Startup Operation Date: 1989	• # of Current Employees:	2
• Customer: NBU	• Budgeted Revenue:	\$350,851



## Canyon Hydroelectric Division Organizational Chart



\* GBRA employee from another Division



<b>Canyon Hydroelectric</b>	# of Authorized Positions (FTE)		
	2014	2015	2016
Electrical/Instrumentation Technician	1	1	1
Maintenance Crew	1	1	1
<b>Total</b>	<b>2</b>	<b>2</b>	<b>2</b>

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.

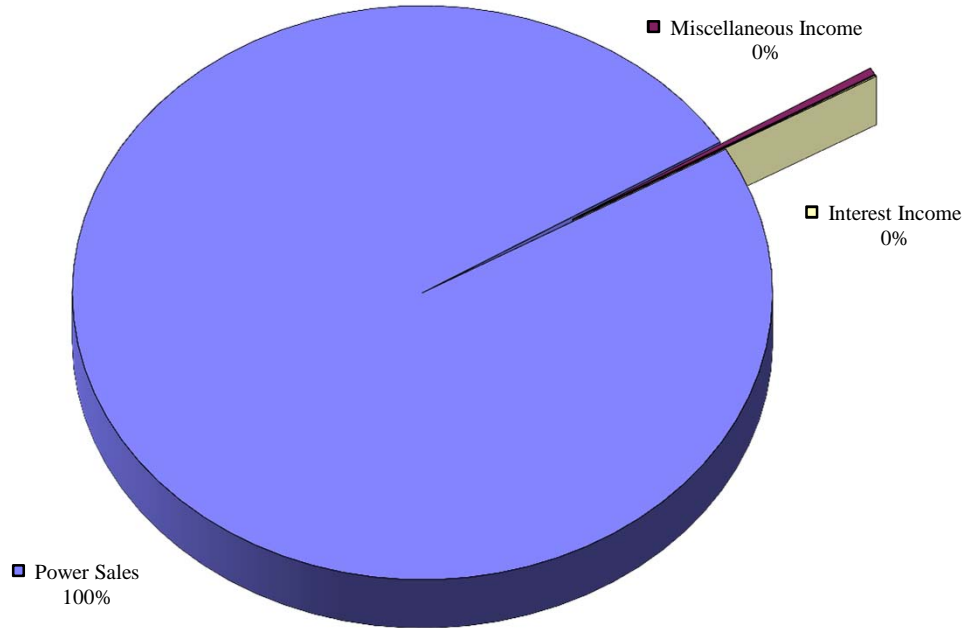
***COMMUNICATION AND EDUCATION***

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

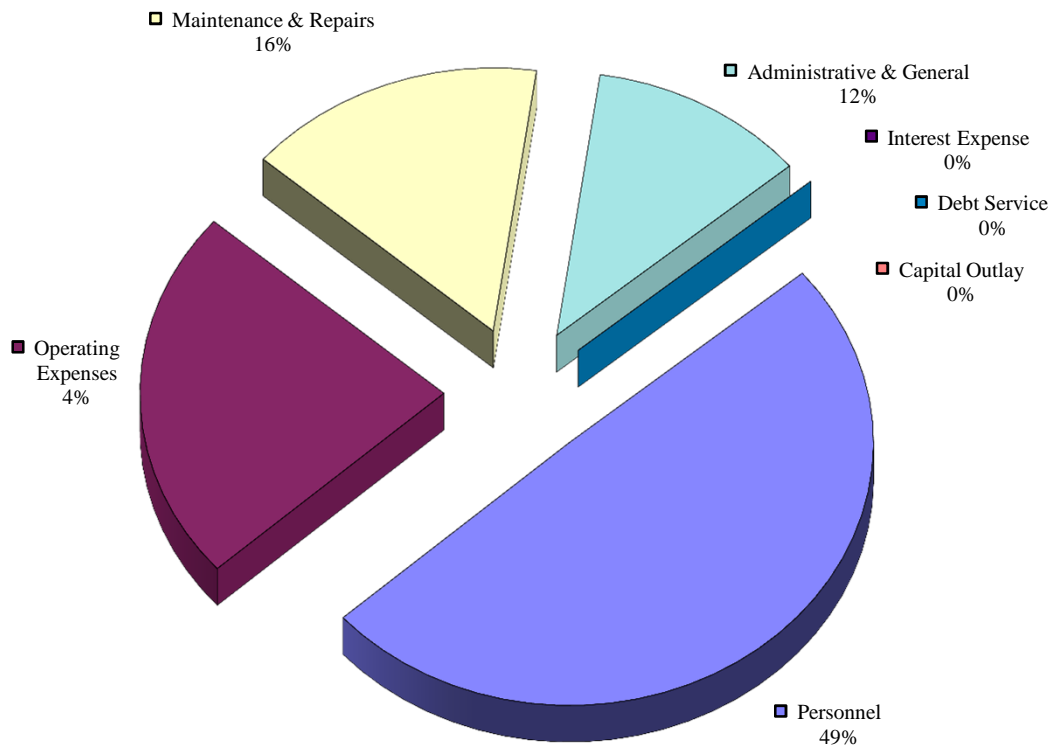


Revenues	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Pollution & Industrial Financing			
Power Sales	952,476	345,483	349,451
Water Sales & Lake Operations			
Recreation & Land Use			
Wastewater Services			
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income		2,000	1,400
<b>Total Operating Revenues</b>	<b>952,476</b>	<b>347,483</b>	<b>350,851</b>
Interest Income	1,946	480	240
<b>Grand Total Revenues</b>	<b>954,422</b>	<b>347,963</b>	<b>351,091</b>



## Budget Summary

### EXPENSES - Canyon Hydroelectric



Expenses	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Personnel	116,223	170,413	173,796
Operating Expenses	57,954	81,564	80,514
Maintenance & Repairs	29,726	56,030	56,030
Administrative & General	27,162	39,955	40,750
<b>Total Operating Expenses</b>	<b>231,064</b>	<b>347,963</b>	<b>351,091</b>
Interest Expense	272,909		
Capital Outlay			
Debt Service	1,030,000		
<b>Grand Total Expenses</b>	<b>1,533,974</b>	<b>347,963</b>	<b>351,091</b>



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## **Canyon Hydroelectric Division**

### **Operating Plan for Fiscal Year Ending 8/31/16**

#### **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 full utilization of water released from Canyon Reservoir for the generation of electricity.

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**

The debt service cost and the operating and maintenance expense of the Plant are paid by New Braunfels Utilities (NBU), which is the recipient of all electricity generated by the Plant. The debt service portion of this revenue stream was a fixed charge based on the debt retirement schedule for the Plant. However on June 1, 2014 all of the division's debt was fully retired so no cost or the related revenue is included in the FY 2016 budget for debt service requirements. The energy portion of the division's revenue stream is set to cover the division's operation and maintenance expenses and is based on an energy charge 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 2016 is \$350,851 which is \$3,368 more than budgeted revenue for FY 2015. This slight increase in revenue is due to a similar slight increase in budgeted operating costs for the division in FY 2016. 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-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 2016, 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.

In FY 2010 the U.S. Army Corps of Engineers requested GBRA budget funds to clean and paint the Hydro Plant facilities which interconnect with the Corps flood control structure, namely the steel grill covering the penstock inlet pipe and the take-out structure slide gate. The take-out structure slide gate repairs were completed in FY2012. However, no work was performed on the steel grill covering the penstock inlet pipe. Funds for cleaning, inspecting and painting the grill cover are once again budgeted in FY 2016 but the actual timing of this project will depend on coordination with the Corps when the dam outlet is also closed for repairs.

## **FUND BALANCE**

Funds for operating expenditures included within the FY 2016 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  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**120 - CANYON HYDROELECTRIC**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>POWER SALES:</b>			
POWER SALES	345,963	349,691	3,728
CREDIT-OPER. INTEREST EARNINGS	(480)	(240)	240
<b>Total POWER SALES</b>	<b>345,483</b>	<b>349,451</b>	<b>3,968</b>
<b>MISCELLANEOUS INCOME:</b>			
RENEWABLE ENERGY CREDIT SALES	2,000	1,400	(600)
<b>Total MISCELLANEOUS INCOME</b>	<b>2,000</b>	<b>1,400</b>	<b>(600)</b>
<b>TOTAL OPERATING REVENUES</b>	<b>347,483</b>	<b>350,851</b>	<b>3,368</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	15,854	14,499	(1,355)
SUPERVISION	6,281	6,163	(118)
LABOR	45,265	47,297	2,032
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>67,400</b>	<b>67,959</b>	<b>559</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	300	300	
EMPLOYEE BENEFITS	49,036	50,012	975
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>49,336</b>	<b>50,312</b>	<b>975</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	6,000	5,000	(1,000)
BUILDING RENTAL	3,624	3,024	(600)
DUES AND MEMBERSHIPS	200	200	
PUBLICATIONS AND BOOKS	30	30	
SMALL TOOLS EXPENSE	100	100	
UNIFORMS AND LAUNDRY	900	1,000	100
TRAINING EXPENSES	500	500	
SAFETY & EMERG. EXPENSES	300	300	
SAFETY BOOTS & GLASSES	200	200	
SECURITY EXPENSE	100	100	
POWER AND UTILITIES	3,100	3,100	
AUXILLIARY POWER EXPENSE		500	500
LAB SUPPLIES & EXPENSES	50	50	
PROFESSIONAL FEES	500	500	



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**120 - CANYON HYDROELECTRIC**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
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	900	1,000	100
OFFICE SUPPLIES & EXPENSES	30	30	
KITCHEN & JANITOR SUPPLY	30	30	
BANK SERVICE FEES	1,100	50	(1,050)
INSURANCE EXPENSE	18,000	18,900	900
MISCELLANEOUS EXPENSES	100	100	
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>81,564</b>	<b>80,514</b>	<b>(1,050)</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	53,677	55,526	1,849
MATERIAL	14,230	14,230	
SERVICES	41,800	41,800	
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>109,707</b>	<b>111,556</b>	<b>1,849</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>308,007</b>	<b>310,340</b>	<b>2,333</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	39,955	40,750	795
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>39,955</b>	<b>40,750</b>	<b>795</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>347,963</b>	<b>351,091</b>	<b>3,128</b>
<b>NET OPERATING INCOME</b>	<b>(480)</b>	<b>(240)</b>	<b>240</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**120 - CANYON HYDROELECTRIC**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	347,483	350,851	3,368
OPERATING EXPENSES	(347,963)	(351,091)	(3,128)
<b>NET OPERATING INCOME</b>	<b>(480)</b>	<b>(240)</b>	<b>240</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON OPERATING FUNDS	480	240	(240)
<b>Total INTEREST INCOME</b>	<b>480</b>	<b>240</b>	<b>(240)</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>480</b>	<b>240</b>	<b>(240)</b>
<b>CHANGE IN NET ASSETS</b>			
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
<b>TOTAL FUNDS AVAILABLE</b>			
<b>PURCHASES OF FIXED ASSETS</b>			
<b>WORK IN PROGRESS</b>			
<b>DEBT SERVICE</b>			
<b>TOTAL FUNDS APPLIED</b>			
<b>NET CHANGE IN FUND BALANCE</b>			

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**120 - CANYON HYDROELECTRIC**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	10,425	8,678	(1,747)
STA- CLERICAL	5,430	5,822	392
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>15,854</b>	<b>14,499</b>	<b>(1,355)</b>
<b>SUPERVISION:</b>			
SUPERVISION	6,281	6,163	(118)
<b>Total SUPERVISION</b>	<b>6,281</b>	<b>6,163</b>	<b>(118)</b>
<b>OPERATING LABOR:</b>			
CLERICAL	358	266	(92)
REG- OPERATING LABOR	25,072	26,161	1,089
REG- ATTENDANT'S DUTIES	9,802	10,167	365
REG- PURCHASING AGENT	339	353	13
OVT- OPERATING LABOR	4,541	4,705	164
OVT- ATTENDANTS DUTIE	72	75	3
REG- WORKING HOLIDAY LABOR	5,081	5,571	490
<b>Total OPERATING LABOR</b>	<b>45,265</b>	<b>47,297</b>	<b>2,032</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	51,106	52,866	1,760
<b>Total M&amp;R-LABOR</b>	<b>51,106</b>	<b>52,866</b>	<b>1,760</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER	2,571	2,660	89
<b>Total M&amp;R-OVERTIME</b>	<b>2,571</b>	<b>2,660</b>	<b>89</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>53,677</b>	<b>55,526</b>	<b>1,849</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>	<b>121,077</b>	<b>123,485</b>	<b>2,408</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**120 - CANYON HYDROELECTRIC**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	51,106	52,866	1,760
OVT/LBR- OTHER	2,571	2,660	89
<b>Total LABOR</b>	<b>53,677</b>	<b>55,526</b>	<b>1,849</b>
<b>MATERIAL:</b>			
M&R/MAT- CLEAN PWR HOUSES	30	30	
M&R/MAT- PAINT PWR HOUSES	50	50	
M&R/MAT- PWR HOUSES&EQUIP	2,000	2,000	
M&R/MAT- SAFETY	100	100	
M&R/MAT- POISON PROPERTIE	50	50	
M&R/MAT- ROADS & BRIDGES	200	200	
M&R/MAT- FENCES	200	200	
M&R/MAT- PENSTK CONDUIT I	5,000	5,000	
M&R/MAT- TURBINE INSPECTI	300	300	
M&R/MAT- GENERATORS	300	300	
M&R/MAT- TURBINE/GOVERNOR	300	300	
M&R/MAT- DISSOLVED OXYGEN	700	700	
M&R/MAT- SWITCHGEAR	400	400	
M&R/MAT- WEIR	200	200	
M&R/MAT- CONTROL SYSTEM	2,000	2,000	
M&R/MAT- COMMUNICATION SY	2,000	2,000	
M&R/MAT- SUBSTATIONS	400	400	
<b>Total MATERIAL</b>	<b>14,230</b>	<b>14,230</b>	
<b>SERVICES:</b>			
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	15,000	
M&R/SER- TURBINE INSPECTI	300	300	
M&R/SER- GENERATORS	400	400	
M&R/SER- TURBINE/GOVERNOR	200	200	
M&R/SER- DISSOLVED OXYGEN	200	200	
M&R/SER- SWITCHGEAR	8,000	8,000	
M&R/SER- CONTROL SYSTEM	800	800	
M&R/SER- COMMUNICATION SY	3,000	3,000	
M&R/SER- SUBSTATIONS	10,000	10,000	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**120 - CANYON HYDROELECTRIC**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total SERVICES</b>	<b>41,800</b>	<b>41,800</b>	
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>109,707</b>	<b>111,556</b>	<b>1,849</b>

GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016

120 - CANYON HYDROELECTRIC

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
PROJECT DEVELOPMENT	_____	_____	_____
TOTAL PROJECT DEVELOPMENT	=====	=====	=====

GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016

120 - CANYON HYDROELECTRIC

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
WIP - OPERATING			
TOTAL WIP - OPERATING			

GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016

120 - CANYON HYDROELECTRIC

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
WIP - CONSTRUCTION	_____	_____	_____
TOTAL WIP - CONSTRUCTION	=====	=====	=====





# *Lockhart WWTW*

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	• Capacity:	2.6 mgd
• Location: Lockhart, TX	• # of gallons treated:	474,570,000
• Startup Operation Date: 1994	• # of Current Employees:	4
• Customer: City of Lockhart	• Budgeted Revenue:	\$1,758,588
• Service Population 11,615		



## *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.

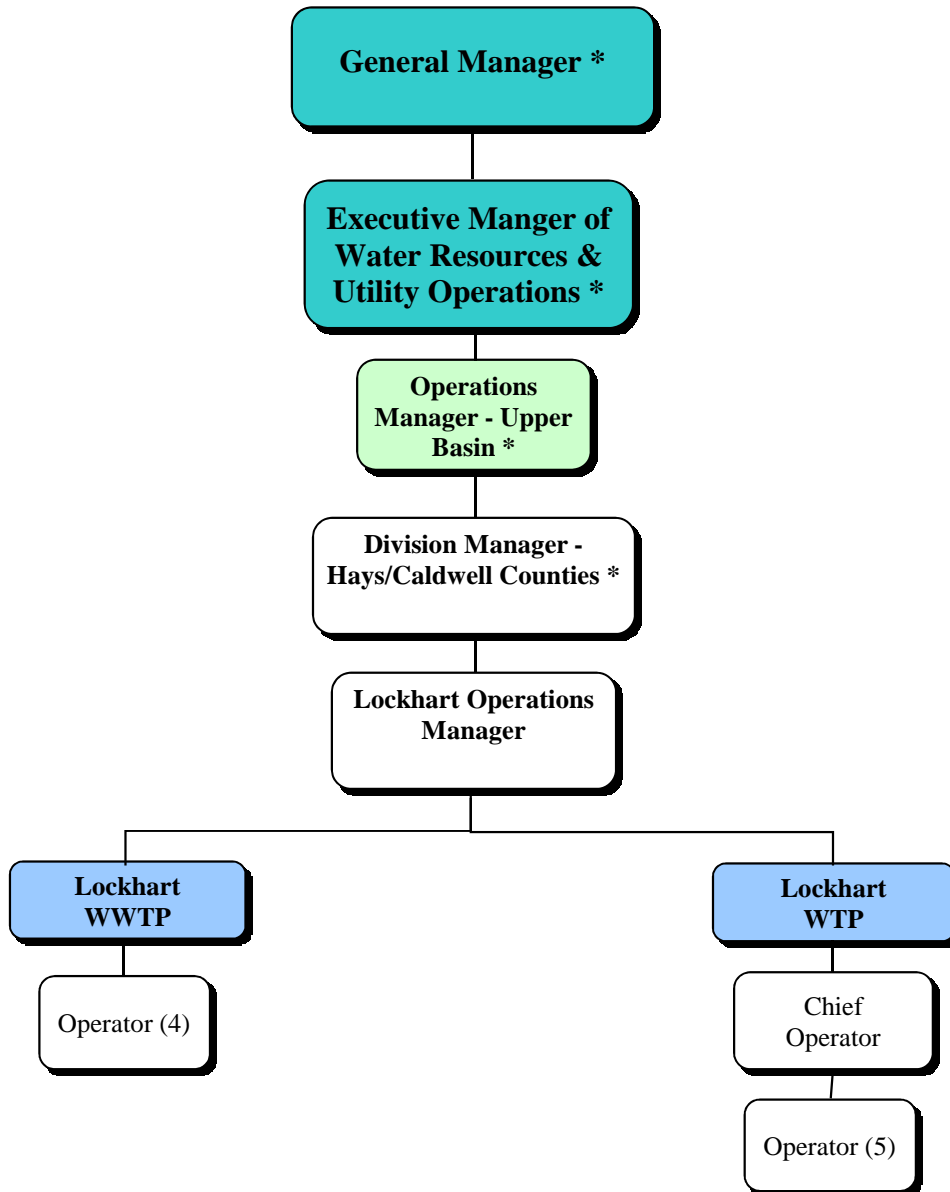
The plant's water source is the Carrizo Aquifer. The plant is specially designed to treat the high concentrations of iron that are characteristic of Carrizo water. This is accomplished using oxidation followed by filtrations to remove dissolved iron and manganese.

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• Service Provided:	Water Treatment	• Capacity:	4 mgd
• Location:	Lockhart, TX	• # of gallons treated:	155,568,000
• Startup Operation Date:	2001	• # of Current Employees:	3
• Customer:	City of Lockhart	• Budgeted Revenue:	\$693,597



## Lockhart Division Organizational Chart



\* GBRA employee from another Division

**Staffing Summary**

<b>Lockhart</b>	<b># of Authorized Positions (FTE)</b>		
	2014	2015	2016
<b><u>Lockhart WWTP</u></b>			
Lockhart Operations Manager	1	1	1
Operators	4	4	4
<b>Total WWTP</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b><u>Lockhart WTP</u></b>			
Chief Operator	1	1	1
Operators	5	5	5
<b>Total WTP</b>	<b>6</b>	<b>6</b>	<b>6</b>
<b>Total</b>	<b>11</b>	<b>11</b>	<b>11</b>

**Changes from FY 2014 to FY 2015**

No staffing changes for this division.

Unfunded Positions in FY14: WWTP-Operator I; WTP-Chief Operator , Operator II and Operator I

**Changes from FY 2015 to FY 2016**

No staffing changes for this division.

Unfunded Positions in FY15: WWTP-Operator I; 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 has also 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.



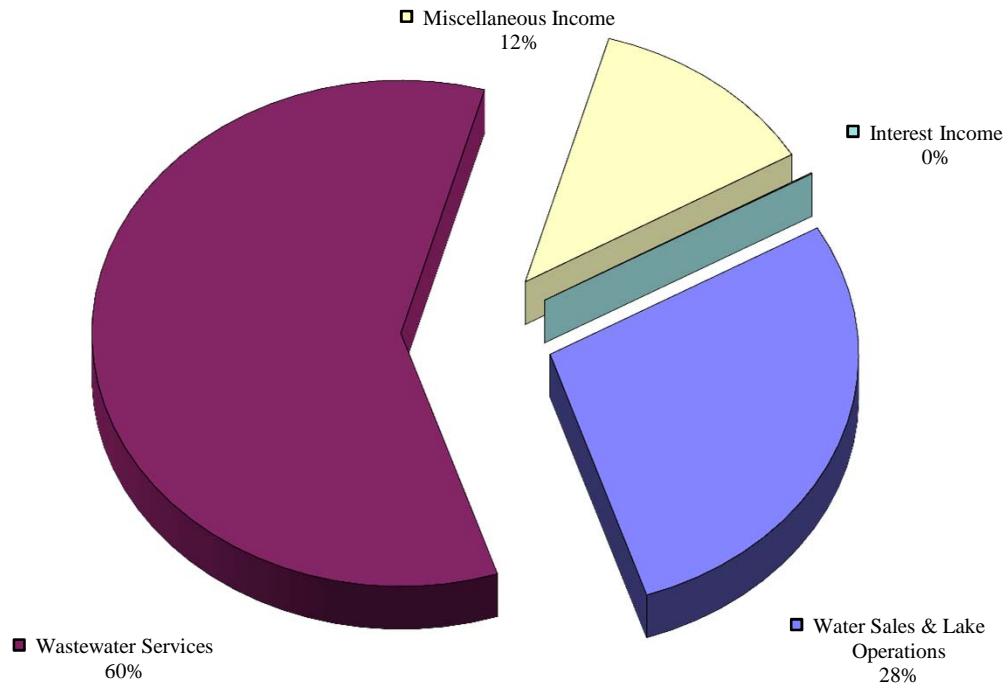
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## Budget Summary

### REVENUES - Lockhart

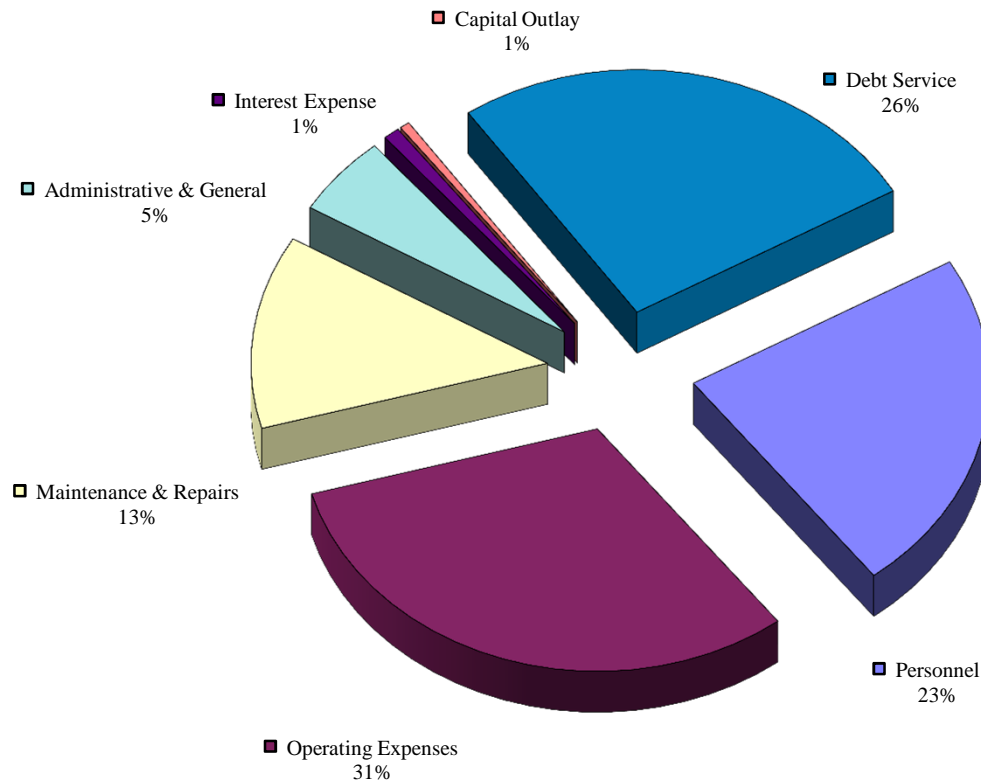


Revenues	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Pollution & Industrial Financing			
Power Sales			
Water Sales & Lake Operations	585,707	661,005	693,597
Recreation & Land Use			
Wastewater Services	1,216,757	1,484,815	1,458,428
Laboratory Services			
Rentals			
Administrative & General			
Miscellaneous Income	460,012	285,000	300,160
<b>Total Operating Revenues</b>	<b>2,262,476</b>	<b>2,430,819</b>	<b>2,452,185</b>
Interest Income	1,357	1,380	1,500
<b>Grand Total Revenues</b>	<b>2,263,833</b>	<b>2,432,199</b>	<b>2,453,685</b>



## Budget Summary

### EXPENSES - Lockhart



Expenses	FY 2014 Actual	FY 2015 Budget	FY 2016 Budget
Personnel	432,577	530,198	547,986
Operating Expenses	679,821	701,082	744,147
Maintenance & Repairs	426,634	359,162	308,516
Administrative & General	100,408	123,896	128,074
<b>Total Operating Expenses</b>	<b>1,639,440</b>	<b>1,714,338</b>	<b>1,728,723</b>
Interest Expense	45,750	33,216	21,121
Capital Outlay		80,000	13,000
Debt Service	619,000	604,585	629,581
<b>Grand Total Expenses</b>	<b>2,304,190</b>	<b>2,432,139</b>	<b>2,392,425</b>

# **Lockhart Division**

## **Lockhart Wastewater Reclamation System**

### **Operating Plan for Fiscal Year Ending 8/31/16**

#### **BACKGROUND**

The following Work Plan and Budget is based on the two Lockhart Wastewater Treatment Plants treating sewage flow of 474.6 million gallons annually or 1.3 million gallons per day (MGD). For Fiscal Year 2016, 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) wastewater treatment plant. Subsequently in 1999, a new 1.5 MGD 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 2016 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 increases in plant operating costs, the budgeted FY 2016 total revenue for the Lockhart Wastewater System is \$1,758,588 which is \$11,227 or .6% less than last year's budget. The reason for this decrease is the reduction in capital improvements for FY 2016 from \$55,000 to \$13,000.

#### **CAPITAL ADDITIONS AND OPERATING EXPENDITURES**

The combined capital additions, debt service and operating expenditure budget for FY 2016 amounts to \$1,758,588 which is \$11,227 or .6% less than FY 2015. Three of the major operating expenses for the ensuing fiscal year budget are power, chemicals, and biosolids disposal. Chlorine and sulfur dioxide are the primary chemicals required at the Larremore plant in order to properly treat and maintain the discharge in accordance with Texas Commission on Environmental Quality (TCEQ) requirements. Chlorine is required as a disinfectant for the effluent while sulfur dioxide is a de-chlorinating agent. Polymer is used for the dewatering of biosolids at the FM20 plant location. The total chemical budget for FY 2016 is \$30,068. Power will also be a major expense due to the operation of two facilities, the Larremore Street lift station, and the use of ultraviolet light as a disinfection process at the FM20 Plant. The power expense budget for the upcoming year amounts to \$231,335 which is unchanged from the FY 2015 power budget. The total biosolids disposal cost for FY 2016 is estimated at \$150,000, or \$32,784 more than the FY 2015 estimate. This increase is consistent with the biosolids disposal costs GBRA is actually experiencing during the current year.

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.

Major maintenance expenses for FY 2016 will include \$13,608 for maintenance to the UV disinfection equipment at the FM 20 plant as well as \$17,496 to maintain the grounds and property surrounding the two plants. The budget also includes \$13,000 to purchase a standby polymer blending unit to adequately dewater biosolids prior to disposal.

Debt service costs in the form of interest expense and principal repayment on bonds issued in 1996 to construct the FM20 Plant will increase \$12,901 during FY 2016. The combined interest expense and principal repayment will be \$650,702 for FY 2016.

## **FUND BALANCE**

Funds for the above listed capital additions and maintenance projects as well as all of the other operating expenditures that are summarized in the following pages will be provided from revenues from the City of Lockhart. Since this system represents a contract operation in which GBRA does not over-recover nor under-recover its costs, the net change in fund balance for FY 2016 is \$0.

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**130 - LOCKHART WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WASTEWATER SERVICES:</b>			
PLANT O&M EXPENSES	999,254	1,014,903	15,649
ADMINISTRATIVE & GENERAL	79,080	81,423	2,344
CREDIT INTEREST EARNINGS	(240)	(360)	(120)
CREDIT MISC. REVENUES	(285,000)	(300,160)	(15,160)
CREDIT INT ON I & S FUNDS	(1,080)	(1,080)	
DEBT SERVICE REQUIREMENTS	637,801	650,702	12,901
ADDS. TO PLANT AND EQUIP.	55,000	13,000	(42,000)
<b>Total WASTEWATER SERVICES</b>	<b>1,484,815</b>	<b>1,458,428</b>	<b>(26,387)</b>
<b>MISCELLANEOUS INCOME:</b>			
MISCELLANEOUS REVENUES	285,000	300,160	15,160
<b>Total MISCELLANEOUS INCOME</b>	<b>285,000</b>	<b>300,160</b>	<b>15,160</b>
<b>TOTAL OPERATING REVENUES</b>	<b>1,769,815</b>	<b>1,758,588</b>	<b>(11,227)</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	18,617	24,864	6,247
SUPERVISION	51,149	51,872	723
LABOR	111,980	119,287	7,307
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>181,746</b>	<b>196,023</b>	<b>14,277</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	1,500	1,500	
EMPLOYEE BENEFITS	97,052	99,929	2,876
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>98,552</b>	<b>101,429</b>	<b>2,876</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	7,704	7,704	
DUES AND MEMBERSHIPS	720	720	
PUBLICATIONS AND BOOKS	456	2,400	1,944
SMALL TOOLS EXPENSE	996	996	
TRACTORS AND EQUIPMENT	480	480	
UNIFORMS AND LAUNDRY	3,252	3,252	
BIOSOLIDS DISPOSAL COSTS	117,216	150,000	32,784
BAD DEBT EXPENSE	500	500	
TRAINING EXPENSES	2,004	2,664	660

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**130 - LOCKHART WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
SAFETY & EMERG. EXPENSES	4,344	3,360	(984)
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	12,756	20,000	7,244
LAB SUPPLIES & EXPENSES	54,684	52,500	(2,184)
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	850	
INSURANCE EXPENSE	15,100	15,900	800
MISCELLANEOUS EXPENSES	504	504	
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>511,421</b>	<b>551,685</b>	<b>40,264</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	57,889	50,714	(7,174)
MATERIAL	54,932	60,860	5,928
SERVICES	94,714	54,192	(40,522)
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>207,535</b>	<b>165,766</b>	<b>(41,768)</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>999,254</b>	<b>1,014,903</b>	<b>15,649</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	79,080	81,423	2,344
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>79,080</b>	<b>81,423</b>	<b>2,344</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>1,078,334</b>	<b>1,096,326</b>	<b>17,992</b>
<b>NET OPERATING INCOME</b>	<b>691,481</b>	<b>662,262</b>	<b>(29,219)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**130 - LOCKHART WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	1,769,815	1,758,588	(11,227)
OPERATING EXPENSES	(1,078,334)	(1,096,326)	(17,992)
<b>NET OPERATING INCOME</b>	<b>691,481</b>	<b>662,262</b>	<b>(29,219)</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON OPERATING FUNDS	240	360	120
INT ON I & S FUND	1,080	1,080	
<b>Total INTEREST INCOME</b>	<b>1,320</b>	<b>1,440</b>	<b>120</b>
<b>INTEREST &amp; BANK FEES:</b>			
INT ON REVENUE BONDS	(33,216)	(21,121)	12,095
<b>Total INTEREST &amp; BANK FEES</b>	<b>(33,216)</b>	<b>(21,121)</b>	<b>12,095</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>(31,896)</b>	<b>(19,681)</b>	<b>12,215</b>
<b>CHANGE IN NET ASSETS</b>	<b>659,585</b>	<b>642,581</b>	<b>(17,004)</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
<b>TOTAL FUNDS AVAILABLE</b>	<b>659,585</b>	<b>642,581</b>	<b>(17,004)</b>
<b>PURCHASES OF FIXED ASSETS</b>			
AUTO & HEAVY EQUIPMENT	55,000		(55,000)
MISCELLANEOUS EQUIPMENT		13,000	13,000
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>55,000</b>	<b>13,000</b>	<b>(42,000)</b>
<b>WORK IN PROGRESS</b>			
<b>DEBT SERVICE</b>			

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**130 - LOCKHART WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
BONDS PAID	604,585	629,581	24,996
<b>Total DEBT SERVICE</b>	<b>604,585</b>	<b>629,581</b>	<b>24,996</b>
<b>TOTAL FUNDS APPLIED</b>	<b>659,585</b>	<b>642,581</b>	<b>(17,004)</b>
<b>NET CHANGE IN FUND BALANCE</b>		<b>0</b>	<b>0</b>



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**130 - LOCKHART WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	9,687	15,947	6,259
STA- CLERICAL	8,930	8,917	(12)
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>18,617</b>	<b>24,864</b>	<b>6,247</b>
<b>SUPERVISION:</b>			
SUPERVISION	51,149	51,872	723
<b>Total SUPERVISION</b>	<b>51,149</b>	<b>51,872</b>	<b>723</b>
<b>OPERATING LABOR:</b>			
CLERICAL	536	398	(138)
REG- OPERATING LABOR	106,737	114,906	8,170
REG- MISC LABOR	814	609	(205)
OVT- OPERATING LABOR	2,862	2,487	(375)
REG- WORKING HOLIDAY LABOR	1,031	887	(145)
<b>Total OPERATING LABOR</b>	<b>111,980</b>	<b>119,287</b>	<b>7,307</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	57,198	50,714	(6,484)
<b>Total M&amp;R-LABOR</b>	<b>57,198</b>	<b>50,714</b>	<b>(6,484)</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER	690		(690)
<b>Total M&amp;R-OVERTIME</b>	<b>690</b>		<b>(690)</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>57,889</b>	<b>50,714</b>	<b>(7,174)</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>	<b>239,635</b>	<b>246,737</b>	<b>7,102</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**130 - LOCKHART WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	57,198	50,714	(6,484)
OVT/LBR- OTHER	690		(690)
<b>Total LABOR</b>	<b>57,889</b>	<b>50,714</b>	<b>(7,174)</b>
<b>MATERIAL:</b>			
M&R/MAT- PUMPS	11,304	5,004	(6,300)
M&R/MAT- ENTRANCE STRUCT.	5,340	2,604	(2,736)
M&R/MAT- METERS/INSTRUMENTAT'N	2,304	6,804	4,500
M&R/MAT- GATES/VALVES	2,520		(2,520)
M&R/MAT- AERATION	504	504	
M&R/MAT- CLARIFIERS	1,008	1,008	
M&R/MAT- CHEMICAL FEED SYSTEMS	3,600	7,604	4,004
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	1,104	3,480	2,376
M&R/MAT- TOOLS & EQUIP.	1,004	3,000	1,996
M&R/MAT- ELECTRICAL	3,000	3,000	
M&R/MAT- TRACTOR	600	1,200	600
M&R/MAT- U.V.DISINFECTION	4,404	12,408	8,004
M&R/MAT- BELT PRESS	7,728	3,732	(3,996)
M&R/MAT- GENERATOR	1,008	1,008	
<b>Total MATERIAL</b>	<b>54,932</b>	<b>60,860</b>	<b>5,928</b>
<b>SERVICES:</b>			
M&R/SER- PUMPS	2,976	2,976	
M&R/SER- ENTRANCE STRUCT.	43,006	4,008	(38,998)
M&R/SER- METERS/INSTRUMENTAT'N	1,200	1,200	
M&R/SER- GATES/VALVES	2,508	2,508	
M&R/SER- AERATION	3,444	3,444	
M&R/SER- CLARIFIERS	1,164	3,516	2,352
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	1,740	2,004	264
M&R/SER- TOOLS & EQUIP.	1,500	1,500	
M&R/SER- ELECTRICAL	4,404	3,600	(804)
M&R/SER- TRACTOR	600	1,200	600

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**130 - LOCKHART WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
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	7,200	2,640	(4,560)
<b>Total SERVICES</b>	<b>94,714</b>	<b>54,192</b>	<b>(40,522)</b>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>207,535</b>	<b>165,766</b>	<b>(41,768)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**130 - LOCKHART WWTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>PROJECT DEVELOPMENT</b>	_____	_____	_____
<b>TOTAL PROJECT DEVELOPMENT</b>	=====	=====	=====

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORK PLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**LOCKHART WWTP**

	<b>FY 2016 BUDGET</b>
<b>MISCELLANEOUS EQUIPMENT</b>	
POLYMER FEED UNIT	13,000
<b>Total MISCELLANEOUS EQUIPMENT</b>	<b>13,000</b>
<b>TOTAL CAPITAL ADDITIONS</b>	<b>13,000</b>



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# **Lockhart Division**

## **Lockhart Water Treatment Plant System**

### **Operating Plan for Fiscal Year ending 8/31/16**

#### **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 for FY 2016 is 155.57 MG or 0.426 MGD. This is 8.59 MG greater than the FY 2015 estimate. Total water needs for the City is estimated to be approximately 579.82 MG. 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. The budgeted FY 2016 revenue for the Lockhart Water Treatment Plant System is \$693,597 which is \$32,592 or 4.93% more than last year's budget. Some of this increased revenue budget simply relates to a slightly higher volume of water being produced by the system and the associated higher operating costs to produce the water. Another perhaps more significant reason for the higher revenue budget is the costs and related reimbursement by the City of Lockhart for substantive upgrades to the communication system (SCADA) that assists in the operation of the plant and wells.

#### **CAPITAL ADDITIONS AND OPERATING EXPENDITURES**

Due to the nature of the GBRA and City of Lockhart contract, the capital additions and operating expenditure budget for FY 2016 also amounts to \$693,597, which is \$32,592 more than FY 2015. Two of the major operating expenses for the ensuing fiscal year are for 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 2016 is \$39,794. Power will also be a major expense for the upcoming year amounting to \$61,262, or \$3,383 more than FY 2015.

Personnel will attend various Texas Engineering Extension Service courses in order to provide advanced training and to maintain or upgrade TCEQ 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.

Major maintenance expenses for FY 2016 will include the replacement of isolation valves on the raw water pipeline and improvements to the communications and SCADA systems that monitor and control water production within the plant and the well field. The costs associated with the communication and SCADA project is shown as a work authorization and is estimated at \$61,200.

#### **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 2016 is only \$60.



**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**131 - LOCKHART WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WATER SALES &amp; LAKE OPERATIONS:</b>			
PLANT O&M EXPENSES	591,188	585,746	(5,442)
ADMINISTRATIVE & GENERAL	44,817	46,651	1,834
ADDS. TO PLANT AND EQUIP.	25,000	61,200	36,200
<b>Total WATER SALES &amp; LAKE OPERATIONS</b>	<b>661,005</b>	<b>693,597</b>	<b>32,592</b>
<b>TOTAL OPERATING REVENUES</b>	<b>661,005</b>	<b>693,597</b>	<b>32,592</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	12,950	11,607	(1,343)
SUPERVISION	50,688	52,881	2,193
LABOR	23,175	23,891	716
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>86,813</b>	<b>88,379</b>	<b>1,566</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	1,200	1,200	
EMPLOYEE BENEFITS	55,002	57,254	2,251
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>56,202</b>	<b>58,454</b>	<b>2,251</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
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	1,920	2,484	564
TRAINING EXPENSES	2,004	2,808	804
SAFETY & EMERG. EXPENSES	4,008	1,404	(2,604)
SECURITY EXPENSE	4,008	4,008	
POWER AND UTILITIES	57,879	61,262	3,383
CHLORINE	2,112	2,870	758
FLOURIDE	924	924	
AMMONIA	3,000	3,000	
ORTHOPHOSPHATE	33,000	33,000	
LAB SUPPLIES & EXPENSES	18,600	20,508	1,908
PROFESSIONAL FEES	18,600	18,600	
INSPECTION/TESTING FEES	9,380	9,380	

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**131 - LOCKHART WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
COMMUNICATIONS	7,200	3,996	(3,204)
OFFICE SUPPLIES & EXPENSES	2,100	2,100	
COMPUTER SUPPLIES & SERVICE	2,600	3,192	592
INSURANCE EXPENSE	13,400	14,000	600
MISCELLANEOUS EXPENSES	480	480	
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>189,661</b>	<b>192,462</b>	<b>2,801</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	48,996	52,987	3,992
MATERIAL	125,612	99,180	(26,432)
SERVICES	83,904	94,284	10,380
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>258,512</b>	<b>246,451</b>	<b>(12,060)</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>591,188</b>	<b>585,746</b>	<b>(5,442)</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	44,817	46,651	1,834
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>44,817</b>	<b>46,651</b>	<b>1,834</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>636,005</b>	<b>632,397</b>	<b>(3,608)</b>
<b>NET OPERATING INCOME</b>	<b>25,000</b>	<b>61,200</b>	<b>36,200</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**131 - LOCKHART WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	661,005	693,597	32,592
OPERATING EXPENSES	(636,005)	(632,397)	3,608
<b>NET OPERATING INCOME</b>	<b>25,000</b>	<b>61,200</b>	<b>36,200</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON OPERATING FUNDS	60	60	
<b>Total INTEREST INCOME</b>	<b>60</b>	<b>60</b>	
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>60</b>	<b>60</b>	
<b>CHANGE IN NET ASSETS</b>	<b>25,060</b>	<b>61,260</b>	<b>36,200</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
<b>TOTAL FUNDS AVAILABLE</b>	<b>25,060</b>	<b>61,260</b>	<b>36,200</b>
<b>PURCHASES OF FIXED ASSETS</b>			
AUTO & HEAVY EQUIPMENT	25,000		(25,000)
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>25,000</b>		<b>(25,000)</b>
<b>WORK IN PROGRESS</b>			
WIP-OPERATING		61,200	61,200
<b>Total WORK IN PROGRESS</b>		<b>61,200</b>	<b>61,200</b>
<b>DEBT SERVICE</b>			
<b>TOTAL FUNDS APPLIED</b>	<b>25,000</b>	<b>61,200</b>	<b>36,200</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>60</b>	<b>60</b>	<b>0</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**131 - LOCKHART WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	6,358	4,551	(1,807)
STA- CLERICAL	6,592	7,056	465
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>12,950</b>	<b>11,607</b>	<b>(1,343)</b>
<b>SUPERVISION:</b>			
SUPERVISION	50,688	52,881	2,193
<b>Total SUPERVISION</b>	<b>50,688</b>	<b>52,881</b>	<b>2,193</b>
<b>OPERATING LABOR:</b>			
CLERICAL	383	159	(224)
REG- OPERATING LABOR	19,358	20,364	1,006
REG- MISC LABOR		150	150
OVT- OPERATING LABOR	2,402	2,330	(72)
REG- WORKING HOLIDAY LABOR	1,031	887	(145)
<b>Total OPERATING LABOR</b>	<b>23,175</b>	<b>23,891</b>	<b>716</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	48,538	52,768	4,230
<b>Total M&amp;R-LABOR</b>	<b>48,538</b>	<b>52,768</b>	<b>4,230</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER	457	219	(238)
<b>Total M&amp;R-OVERTIME</b>	<b>457</b>	<b>219</b>	<b>(238)</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>48,996</b>	<b>52,987</b>	<b>3,992</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>	<b>135,808</b>	<b>141,366</b>	<b>5,558</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**131 - LOCKHART WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	48,538	52,768	4,230
OVT/LBR- OTHER	457	219	(238)
<b>Total LABOR</b>	<b>48,996</b>	<b>52,987</b>	<b>3,992</b>
<b>MATERIAL:</b>			
M&R/MAT- GROUNDSKEEPING	2,268	2,268	
M&R/MAT- STORAGE TANKS	3,000	3,000	
M&R/MAT- CHEM FEED EQUIP	8,196	3,960	(4,236)
M&R/MAT- MOTORS	8,004	8,004	
M&R/MAT- TOOLS & EQUIP.	1,860	1,860	
M&R/MAT- METERS	12,600	10,608	(1,992)
M&R/MAT- GATES & VALVES	8,108	11,604	3,496
M&R/MAT- TRUCKS	1,500	1,500	
M&R/MAT- PUMPS	13,608	14,604	996
M&R/MAT- STRUCTURE MAINT.	3,744	3,744	
M&R/MAT- ELECTRICAL	2,004	2,004	
M&R/MAT- WELLS	32,700	32,700	
M&R/MAT- WATER LINE	28,020	3,324	(24,696)
<b>Total MATERIAL</b>	<b>125,612</b>	<b>99,180</b>	<b>(26,432)</b>
<b>SERVICES:</b>			
M&R/SER- GROUNDSKEEPING	15,408	15,408	
M&R/SER- STORAGE TANKS	3,504	4,008	504
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	1,500	10,596	9,096
M&R/SER- TRUCKS	324	480	156
M&R/SER- PUMPS	6,500	6,500	
M&R/SER- STRUCTURE MAINT.	2,000	2,000	
M&R/SER- ELECTRICAL	4,800	4,800	
M&R/SER- WELLS	32,000	32,000	
M&R/SER- WATER LINE	5,400	5,400	
M&R/SER- GEN. OFFICE BLDG		624	624
<b>Total SERVICES</b>	<b>83,904</b>	<b>94,284</b>	<b>10,380</b>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>258,512</b>	<b>246,451</b>	<b>(12,060)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**131 - LOCKHART WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>PROJECT DEVELOPMENT</b>	_____	_____	_____
<b>TOTAL PROJECT DEVELOPMENT</b>	=====	=====	=====

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**131 - LOCKHART WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>WIP - OPERATING</b>			
SCADA SYSTEM UPGRADE-SERVICE		38,000	38,000
SCADA SYSTEM UPGRADE-MATL'S		23,200	23,200
		<hr/>	<hr/>
<b>Total</b>		<b>61,200</b>	<b>61,200</b>
<b>TOTAL WIP - OPERATING</b>		<b>61,200</b>	<b>61,200</b>
		<hr/> <hr/>	<hr/> <hr/>

**GUADALUPE-BLANCO RIVER AUTHORITY  
WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**131 - LOCKHART WTP**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>WIP - CONSTRUCTION</b>	<hr/>	<hr/>	<hr/>
<b>TOTAL WIP - CONSTRUCTION</b>	<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>





**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 - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>OPERATING REVENUES</b>			
<b>WATER SALES &amp; LAKE OPERATIONS:</b>			
PLANT O&M EXPENSES	591,188	585,746	(5,442)
ADMINISTRATIVE & GENERAL	44,817	46,651	1,834
ADDS. TO PLANT AND EQUIP.	25,000	61,200	36,200
<b>Total WATER SALES &amp; LAKE OPERATIONS</b>	<b>661,005</b>	<b>693,597</b>	<b>32,592</b>
<b>WASTEWATER SERVICES:</b>			
PLANT O&M EXPENSES	999,254	1,014,903	15,649
ADMINISTRATIVE & GENERAL	79,080	81,423	2,344
CREDIT INTEREST EARNINGS	(240)	(360)	(120)
CREDIT MISC. REVENUES	(285,000)	(300,160)	(15,160)
CREDIT INT ON I & S FUNDS	(1,080)	(1,080)	
DEBT SERVICE REQUIREMENTS	637,801	650,702	12,901
ADDS. TO PLANT AND EQUIP.	55,000	13,000	(42,000)
<b>Total WASTEWATER SERVICES</b>	<b>1,484,815</b>	<b>1,458,428</b>	<b>(26,387)</b>
<b>MISCELLANEOUS INCOME:</b>			
MISCELLANEOUS REVENUES	285,000	300,160	15,160
<b>Total MISCELLANEOUS INCOME</b>	<b>285,000</b>	<b>300,160</b>	<b>15,160</b>
<b>TOTAL OPERATING REVENUES</b>	<b>2,430,819</b>	<b>2,452,185</b>	<b>21,366</b>
<b>OPERATING EXPENSES</b>			
STAFF TECHNICAL ASSISTANCE	31,567	36,471	4,905
SUPERVISION	101,837	104,753	2,916
LABOR	135,155	143,178	8,023
<b>Total OPERATING SALARIES &amp; WAGES</b>	<b>268,559</b>	<b>284,402</b>	<b>15,843</b>
<b>EMPLOYEE EXPENSES &amp; BENEFITS:</b>			
EMPLOYEES' TRAVEL	2,700	2,700	
EMPLOYEE BENEFITS	152,055	157,182	5,128
<b>Total EMPLOYEE EXPENSES &amp; BENEFITS</b>	<b>154,755</b>	<b>159,882</b>	<b>5,128</b>
<b>OPERATING SUPPLIES &amp; SERVICES:</b>			
TRUCK OPERATING EXPENSES	12,708	12,708	
EQUIPMENT RENTAL	1,650	1,650	
DUES AND MEMBERSHIPS	1,144	1,144	
PUBLICATIONS AND BOOKS	696	2,640	1,944

**GUADALUPE-BLANCO RIVER AUTHORITY  
LOCKHART DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
SMALL TOOLS EXPENSE	2,004	2,004	
TRACTORS AND EQUIPMENT	600	600	
UNIFORMS AND LAUNDRY	5,172	5,736	564
BIOSOLIDS DISPOSAL COSTS	117,216	150,000	32,784
BAD DEBT EXPENSE	500	500	
TRAINING EXPENSES	4,008	5,472	1,464
SAFETY & EMERG. EXPENSES	8,352	4,764	(3,588)
SECURITY EXPENSE	7,608	7,608	
POWER AND UTILITIES	289,214	292,597	3,383
AUXILLARY POWER EXPENSE	1,668	1,668	
CHLORINE	8,436	9,194	758
LIME	120	120	
SULFUR DIOXIDE	3,624	3,624	
FLOURIDE	924	924	
AMMONIA	3,000	3,000	
POLYMER	12,756	20,000	7,244
ORTHOPHOSPHATE	33,000	33,000	
LAB SUPPLIES & EXPENSES	73,284	73,008	(276)
PROFESSIONAL FEES	29,600	29,600	
INSPECTION/TESTING FEES	28,496	28,496	
COMMUNICATIONS	13,800	10,596	(3,204)
OFFICE SUPPLIES & EXPENSES	4,968	4,968	
COMPUTER SUPPLIES & SERVICE	6,200	6,792	592
BANK SERVICE FEES	850	850	
INSURANCE EXPENSE	28,500	29,900	1,400
MISCELLANEOUS EXPENSES	984	984	
<b>Total OPERATING SUPPLIES &amp; SERVICES</b>	<b>701,082</b>	<b>744,147</b>	<b>43,065</b>
<b>MAINTENANCE &amp; REPAIR</b>			
LABOR	106,884	103,702	(3,183)
MATERIAL	180,544	160,040	(20,504)
SERVICES	178,618	148,476	(30,142)
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>466,046</b>	<b>412,218</b>	<b>(53,829)</b>
<b>TOTAL OPERATING &amp; MAINTENANCE</b>	<b>1,590,442</b>	<b>1,600,649</b>	<b>10,207</b>
<b>ADMINISTRATIVE &amp; GENERAL:</b>			
A & G EXPENSES	123,896	128,074	4,178

**GUADALUPE-BLANCO RIVER AUTHORITY  
LOCKHART DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>123,896</b>	<b>128,074</b>	<b>4,178</b>
<b>TOTAL OPERATING EXPENSES</b>	<b>1,714,338</b>	<b>1,728,723</b>	<b>14,384</b>
<b>NET OPERATING INCOME</b>	<b>716,481</b>	<b>723,462</b>	<b>6,981</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
LOCKHART DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
OPERATING REVENUES	2,430,819	2,452,185	21,366
OPERATING EXPENSES	(1,714,338)	(1,728,723)	(14,384)
<b>NET OPERATING INCOME</b>	<b>716,481</b>	<b>723,462</b>	<b>6,981</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>			
<b>INTEREST INCOME:</b>			
INT ON OPERATING FUNDS	300	420	120
INT ON I & S FUND	1,080	1,080	
<b>Total INTEREST INCOME</b>	<b>1,380</b>	<b>1,500</b>	<b>120</b>
<b>INTEREST &amp; BANK FEES:</b>			
INT ON REVENUE BONDS	(33,216)	(21,121)	12,095
<b>Total INTEREST &amp; BANK FEES</b>	<b>(33,216)</b>	<b>(21,121)</b>	<b>12,095</b>
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>(31,836)</b>	<b>(19,621)</b>	<b>12,215</b>
<b>CHANGE IN NET ASSETS</b>	<b>684,645</b>	<b>703,841</b>	<b>19,196</b>
<b>INTERFUND LOANS</b>			
<b>DEBT CAPITAL</b>			
<b>TOTAL FUNDS AVAILABLE</b>	<b>684,645</b>	<b>703,841</b>	<b>19,196</b>
<b>PURCHASES OF FIXED ASSETS</b>			
AUTO & HEAVY EQUIPMENT	80,000		(80,000)
MISCELLANEOUS EQUIPMENT		13,000	13,000
<b>Total PURCHASES OF FIXED ASSETS</b>	<b>80,000</b>	<b>13,000</b>	<b>(67,000)</b>
<b>WORK IN PROGRESS</b>			
WIP-OPERATING		61,200	61,200
<b>Total WORK IN PROGRESS</b>		<b>61,200</b>	<b>61,200</b>
<b>DEBT SERVICE</b>			

**GUADALUPE-BLANCO RIVER AUTHORITY  
LOCKHART DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
BONDS PAID	604,585	629,581	24,996
<b>Total DEBT SERVICE</b>	<b>604,585</b>	<b>629,581</b>	<b>24,996</b>
<b>TOTAL FUNDS APPLIED</b>	<b>684,585</b>	<b>703,781</b>	<b>19,196</b>
<b>NET CHANGE IN FUND BALANCE</b>	<b>60</b>	<b>60</b>	<b>0</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
LOCKHART DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>SALARIES &amp; WAGES DETAIL</b>			
<b>STAFF TECHNICAL ASSISTANCE:</b>			
STA- SUPERVISION	16,045	20,497	4,452
STA- CLERICAL	15,521	15,974	453
<b>Total STAFF TECHNICAL ASSISTANCE</b>	<b>31,567</b>	<b>36,471</b>	<b>4,905</b>
<b>SUPERVISION:</b>			
SUPERVISION	101,837	104,753	2,916
<b>Total SUPERVISION</b>	<b>101,837</b>	<b>104,753</b>	<b>2,916</b>
<b>OPERATING LABOR:</b>			
CLERICAL	920	558	(362)
REG- OPERATING LABOR	126,095	135,270	9,176
REG- MISC LABOR	814	760	(55)
OVT- OPERATING LABOR	5,264	4,817	(447)
REG- WORKING HOLIDAY LABOR	2,062	1,773	(289)
<b>Total OPERATING LABOR</b>	<b>135,155</b>	<b>143,178</b>	<b>8,023</b>
<b>MAINTENANCE &amp; REPAIR</b>			
<b>M&amp;R-LABOR:</b>			
REG/LBR- OTHER	105,737	103,482	(2,254)
<b>Total M&amp;R-LABOR</b>	<b>105,737</b>	<b>103,482</b>	<b>(2,254)</b>
<b>M&amp;R-OVERTIME:</b>			
OVT/LBR- OTHER	1,148	219	(929)
<b>Total M&amp;R-OVERTIME</b>	<b>1,148</b>	<b>219</b>	<b>(929)</b>
<b>Total MAINTENANCE &amp; REPAIR</b>	<b>106,884</b>	<b>103,702</b>	<b>(3,183)</b>
<b>WORK IN PROGRESS</b>			
<b>PROJECT DEVELOPMENT</b>			
<b>TOTAL SALARIES &amp; WAGES</b>	<b>375,443</b>	<b>388,103</b>	<b>12,660</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
LOCKHART DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>MAINTENANCE &amp; REPAIR DETAIL</b>			
<b>LABOR:</b>			
REG/LBR- OTHER	105,737	103,482	(2,254)
OVT/LBR- OTHER	1,148	219	(929)
<b>Total LABOR</b>	<b>106,884</b>	<b>103,702</b>	<b>(3,183)</b>
<b>MATERIAL:</b>			
M&R/MAT- GROUNDSKEEPING	13,572	7,272	(6,300)
M&R/MAT- GEN. OFFICE BLDG	5,340	2,604	(2,736)
M&R/MAT- STORAGE TANKS	5,304	9,804	4,500
M&R/MAT- CHEM FEED EQUIP	10,716	3,960	(6,756)
M&R/MAT- MOTORS	8,004	8,004	
M&R/MAT- CHLORINATION	504	504	
M&R/MAT- TOOLS & EQUIP.	2,868	2,868	
M&R/MAT- METERS	16,200	18,212	2,012
M&R/MAT- GATES & VALVES	10,112	13,608	3,496
M&R/MAT- TRUCKS	1,500	1,500	
M&R/MAT- PUMPS	16,104	17,100	996
M&R/MAT- PROCESS UNIT CLEANING	1,500	1,500	
M&R/MAT- MOTORS	3,504	3,504	
M&R/MAT- ROADS	1,104	3,480	2,376
M&R/MAT- NON-POT WTR SYS.	1,004	3,000	1,996
M&R/MAT- POTABLE WTR SYS.	3,000	3,000	
M&R/MAT- STRUCTURE MAINT.	4,344	4,944	600
M&R/MAT- U.V.DISINFECTION	4,404	12,408	8,004
M&R/MAT- ELECTRICAL	9,732	5,736	(3,996)
M&R/MAT- WELLS	32,700	32,700	
M&R/MAT- WATER LINE	28,020	3,324	(24,696)
M&R/MAT- GENERATOR	1,008	1,008	
<b>Total MATERIAL</b>	<b>180,544</b>	<b>160,040</b>	<b>(20,504)</b>
<b>SERVICES:</b>			
M&R/SER- GROUNDSKEEPING	18,384	18,384	
M&R/SER- GEN. OFFICE BLDG	43,006	4,008	(38,998)
M&R/SER- STORAGE TANKS	4,704	5,208	504
M&R/SER- CHEM FEED EQUIP	4,908	4,908	
M&R/SER- MOTORS	4,908	4,908	
M&R/SER- CHLORINATION	3,444	3,444	
M&R/SER- TOOLS & EQUIP.	2,724	5,076	2,352
M&R/SER- METERS	5,604	5,604	
M&R/SER- GATES & VALVES	2,460	11,556	9,096
M&R/SER- TRUCKS	324	480	156
M&R/SER- PUMPS	21,500	21,500	
M&R/SER- PROCESS UNIT CLEANING	1,992	1,992	
M&R/SER- MOTORS	2,400	2,400	



**GUADALUPE-BLANCO RIVER AUTHORITY  
LOCKHART DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
M&R/SER- ROADS	1,740	2,004	264
M&R/SER- NON-POT. WTR SYS	1,500	1,500	
M&R/SER- POTABLE WTR SYS.	4,404	3,600	(804)
M&R/SER- STRUCTURE MAINT.	2,600	3,200	600
M&R/SER- U.V.DISINFECTION	1,200	1,200	
M&R/SER- ELECTRICAL	6,216	6,216	
M&R/SER- WELLS	32,000	32,000	
M&R/SER- WATER LINE	5,400	5,400	
M&R/SER- GEN. OFFICE BLDG		1,248	1,248
M&R/SER- GENERATOR	7,200	2,640	(4,560)
<b>Total SERVICES</b>	<b>178,618</b>	<b>148,476</b>	<b>(30,142)</b>
<b>TOTAL MAINTENANCE &amp; REPAIR</b>	<b>466,046</b>	<b>412,218</b>	<b>(53,829)</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
LOCKHART DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	<b>FY 2015 BUDGET</b>	<b>FY 2016 BUDGET</b>	<b>FY 2015-2016 DIFFERENCE</b>
<b>PROJECT DEVELOPMENT</b>	_____	_____	_____
<b>TOTAL PROJECT DEVELOPMENT</b>	=====	=====	=====

**GUADALUPE-BLANCO RIVER AUTHORITY  
LOCKHART DIVISION - WORKPLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

	FY 2015 BUDGET	FY 2016 BUDGET	FY 2015-2016 DIFFERENCE
<b>WIP - OPERATING</b>			
SCADA SYSTEM UPGRAGE-SERVICE		38,000	38,000
SCADA SYSTEM UPGRAGE-MATL'S		23,200	23,200
<b>Total</b>		<b>61,200</b>	<b>61,200</b>
 <b>TOTAL WIP - OPERATING</b>		 <b>61,200</b>	 <b>61,200</b>

**GUADALUPE-BLANCO RIVER AUTHORITY  
CONSOLIDATED - WORK PLAN AND BUDGET  
FISCAL YEAR ENDING AUGUST 31,2016**

**LOCKHART WWTP**

	<b>FY 2016 BUDGET</b>
<b>MISCELLANEOUS EQUIPMENT</b>	
POLYMER FEED UNIT	13,000
<b>Total MISCELLANEOUS EQUIPMENT</b>	<b>13,000</b>
<b>TOTAL CAPITAL ADDITIONS</b>	<b>13,000</b>

## Glossary

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

## Glossary

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

## Glossary

Term	Description
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
<b>Definitions</b>	
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.
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.
FINANCIAL ADVISOR	A financial advisor provides expertise to the debt issuer in matters of alternative financial structures, the marketing and sale of the debt and the preparation of disclosure documents.
FLOW	The rate of water discharged from a source given in volume with respect to time.
FUNDS	Sum of money available after all revenue and other sources of money are received less expenses and other uses of funds are paid.
GENERAL COUNSEL	In-house general counsel advises the GBRA Board of Directors and GBRA management and staff on a wide range of legal issues related to corporate and regulatory matters.
GROUND WATER	Water obtained from subsurface sources, such as sands and gravel or porous or fractured rocks.
HEXANE	A solvent used to extract oils, fats, and greases from water samples in the analysis for those constituents.
HYDROELECTRIC PLANT	Electricity generation using stream flow or reservoir releases to turn turbines and generators in a plant located in a dam.

## Glossary

Term	Description
INFLOW AND INFILTRATION	Refers to the quantities of water that enter the sewer system either from the ground through such means as defective pipes, pipe joints, connections, manholes or other sources of entry such as, but not limited to roof leaders, cellar drains, yard drains, area drains, drains from springs and swampy areas, catch basins, cooling towers, storm waters, surface runoff, street wash waters, or drainage.
ION CHROMATOGRAPH	An instrument used to detect and measure the ions in water.
KIDFISH	Program created by the river authority to interact children with parents on a fishing outing.
MAINTENANCE	The upkeep necessary for efficient operations of physical properties. It involves labor and materials but is not to be confused with replacement or retirement.
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.
PAYING AGENTS/REGISTRARS	A paying agent receives from the issuer funds for periodic debt service payments and disburses these funds to bondholders. The registrar maintains a record of bond ownership so that timely payments may be made to those bondholders.
PEAK	The maximum momentary quantity placed on a water or wastewater plant, pumping station, or on an electric generating plant.
pH	Natural waters have a pH typically between 6.5-8.5. The concentration is the mass of hydrogen ions, in grams per liter of solution.
POTABLE WATER SUPPLY FACILITIES	A facility that treats raw water making it drinkable for the public.
POTASSIUM PERMANGANATE	A disinfectant used when necessary to improve taste and odor of the finished water. Also, a controlling agent to prevent biological growth in transmission pipes.
RATING AGENCY	A rating agency is a private corporation that assigns a creditworthiness rating to new bond issues upon their review of financial disclosures provided by the issuer.
RAW WATER	Water obtained from natural sources such as streams, reservoirs and wells; always contains impurities in forms of suspended or dissolved material or organic matter and as dissolved gases acquired from contact with earth and atmosphere.
RECLAMATION	The process of recovering water to a quality where it can be reused.
RESERVOIR	A pond, lake, or basin, either natural or artificial, for the storage, regulation, and control of water.
REVENUE	Gross increase in capital attributable to business activities resulting from the sale of merchandise, performance of services, rental of property, and other activities entered into for the purpose of earning

## Glossary

Term	Description
	income.
RIVER BASIN	Total area drained by a river and its tributaries.
SLUDGE	The accumulated solids separated from liquids, such as water or wastewater during processing, or deposits on bottoms of streams or other bodies of water.
SOURCES OF FUNDS	Money received from bank loans, bond issuance, or inter-department loans.
SUBORDINATION RATE	Rate we charge when allowing another water user to get a state water rights permit predicated on the non-use of one of GBRA's water rights permits.
SURFACE WATER	Natural sources, such as rivers and lakes
TEXAS WATCH	A volunteer program to monitor the quality of a body of water.
TRANS-TEXAS	A regional plan to study the transfer of water from one river basin to another.
TRICKLING FILTER	A treatment process unit consisting of an artificial bed of coarse material, such as broken stone, clinkers, slate, slats, brush or plastic materials, over which wastewater is distributed or applied in drops, films, or spray from troughs, drippers, moving distributors or fixed nozzles and trough which it trickles to the underdrains, giving opportunity for the formation of slimes that clarify and oxidize the wastewater.
TRUSTEE	A trustee represents the interest of bondholders in debt financing. The role of the trustee is to monitor the collection, investment and timely repayment of funds identified in the debt financing.
UNDERWRITER	An underwriter is a municipal securities dealer that purchases a new municipal bond issue for resale to investors.
UNDERWRITER COUNSEL	An underwriter counsel is a law firm specializing in municipal and tax law that represents the interests of the underwriter during the structuring of a financing.
USES OF FUNDS	Money spent toward the purchase fixed assets, project development, work in progress, inter-fund loan payments, or outside debt payments.
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.

## Glossary

Term	Description
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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