

scarlet tanager • *Piranga olivacea*



THE SAN ANTONIO  RIVER AUTHORITY

A political subdivision of the State of Texas.

ANNUAL BUDGET DETAIL

Fiscal Year 2015-2016

Inspiring Actions for Healthy Creeks and Rivers

An aerial photograph of a river winding through a lush, green forest. The river is the central focus, flowing from the top center towards the bottom center. The surrounding trees are dense and vibrant green, with some areas showing slight variations in color, possibly due to sunlight filtering through the canopy. The overall scene is peaceful and natural.

VISION:

Inspiring Actions for Healthy Creeks and Rivers

MISSION:

Protect and enhance our creeks and rivers
through service, leadership and expertise

**SAN ANTONIO RIVER AUTHORITY
TEXAS**

ANNUAL BUDGET

July 1, 2015 - June 30, 2016

Presented to the
Board of Directors

<u>Name</u>	<u>Title</u>	<u>County</u>
Jerry G. Gonzales		Bexar County, District 1
Lourdes Galvan		Bexar County, District 2
Michael W. Lackey, P.E.		Bexar County, District 3
Thomas G. Weaver	Executive Member	Bexar County, District 4
Sally Buchanan	Chairman	Bexar County, At Large
Hector R. Morales	Secretary	Bexar County, At Large
Terry E. Baiamonte	Vice-Chair	Goliad County
James Fuller		Goliad County
Gaylon J. Oehlke	Treasurer	Karnes County
H. B. Ruckman III		Karnes County
Darrel T. Brownlow, Ph.D.	Executive Member	Wilson County
John J. Flieller		Wilson County

Management

<u>Name</u>	<u>Title</u>
Suzanne B. Scott	General Manager
Stephen T. Graham	Assistant General Manager
Steven J. Raabe	Director of Technical Services
John A. Chisholm III	Director of Operations
Bruce E. Knott	Director of Human Resources
Deborah A. Korinchock	Director of Support Services
Melissa Bryant	Environmental Sciences Manager
John Gomez	Utilities Manager
Kristen Hansen	Watershed and Park Operations Manager
Claude Harding	Real Estate Manager
Art Herrera	Information Technology Manager
Russell Persyn	Watershed Engineering Manager
Steven Schauer	External Communications Manager
Rick Trefzer	Budget Services Manager

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May 15, 2015

To the San Antonio River Authority Board of Directors:

In accordance with the Bylaws of the San Antonio River Authority (River Authority), the fiscal year (FY) 2015/16 Annual Budget is submitted for the Board of Director's (Board) consideration. The Proposed Budget is contained in a single book that includes information about every General Fund departmental budget and all other budgeted funds. In addition, project information is included in a separate section for all new projects being proposed for funding.

The proposed FY 2015/16 budget supports the mission, goals and objectives of the River Authority's approved strategic plan. Programs, projects, departmental activities and expenditures are linked through the strategic plan to produce desired results in the services provided by the River Authority.

Strategic Planning

Under the policy and fiscal guidance of the Board, the River Authority's executive and management staff began the annual budget process with a review and update of the River Authority's Strategic Plan. That process starts by reflecting on past years' results and defining strategic opportunities, challenges, and needs within the River Authority's district in the upcoming years. The process culminates in the development of a Strategic Plan for the fiscal year. The Strategic Plan is presented, discussed and approved by the Board of Directors. The Strategic Plan serves as the foundation for the development of the annual budget process.

For the FY 2015/16, the Strategic Plan is focused on promoting action and delivering results. The Board of Directors approved a revised mission and vision for the River Authority that more directly communicates the River Authority's aspiration to leverage the agency's expertise and passion to inspire everyone to engage in the protection and enhancement of the creeks and rivers within the San Antonio River Basin. The River Authority strives to achieve results and positive change not only by our own efforts but also through collaboration and motivation of others. A new vision and mission emerged to guide the organization in our work and relevance to the community.

Vision Statement
(why we do what we do)

Inspiring Actions for Healthy Creeks and Rivers

EXECUTIVE COMMITTEE



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VICE CHAIR
Terry E. Baiamonte

SECRETARY
Hector R. Morales

TREASURER
Gaylon J. Oehlke

MEMBERS-AT-LARGE
Darrell T. Brownlow, Ph.D.
Thomas G. Weaver



BOARD OF DIRECTORS

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DISTRICT 2
Lourdes Galvan

DISTRICT 3
Michael W. Lackey, P.E.

DISTRICT 4
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WILSON COUNTY
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KARNES COUNTY
H.B. Ruckman, III
Gaylon J. Oehlke

GOLIAD COUNTY
Terry E. Baiamonte
James Fuller



GENERAL MANAGER
Suzanne Scott

Mission Statement (*what we do*)

Protect and enhance our creeks and rivers through service, leadership and expertise

The agency goals established within the Strategic Plan to support the vision and mission are not an exhaustive list of every initiative and opportunity being developed or implemented, but instead represent a key set of indicators for progress and results in the River Authority's service areas.

The multi-year goals identified in FY 2015/16 strategic plan are similar to the previous year but were sharpened and clarified for the new fiscal year. The Agency Goals for FY 2015/16 are as follows:

- Generate lasting and recognized improvements to the health and safety of our creeks, rivers, estuaries and bays.
- Enhance community appreciation for and recreational use of our creeks and rivers.
- Advance and apply our expertise to influence, develop and implement watershed solutions that balance the environmental, economic and quality of life needs of our communities.
- Strengthen, develop and anticipate expertise at all levels to enhance results, improve service efficiencies, and build employee dedication.
- Expand, diversify and leverage funding sources and partnerships by delivering results.

Many of the River Authority's past Strategic Opportunities are moving into planning or execution. In FY 2015/16, there are two new opportunities and three refined opportunities. They include:

- Demonstrate the importance of **managing stormwater quality** for a healthy and vibrant community.
- Determine how to **keep the watershed master plans and models dynamic** and relevant to advance our River Health Index and to target future community investments.
- Provide leadership in **support** of the **San Antonio Bay**.
- **Pursue** opportunities in **capital projects management** and operations and maintenance.
- Explore and **implement funding diversification** opportunities.

The Board has directed staff to meet the service needs within the basin while remaining accountable to the efficient and effective allocation of limited funding resources. To that end, the River Authority seeks to partner with others and to leverage resources, capabilities, and knowledge wherever possible.

Fiscal Year 2015/16 Annual Objectives and Projects/Programs

Twelve annual objectives were developed for FY 2015/16. Each objective may have several quarterly actions to track, measuring progress towards the objective. Staff will report progress on the actions quarterly to the various Board committees. Details of FY 2015/16 annual objectives are in the one page strategic plan summary, which is provided in this document immediately following this letter.

Six programs are assigned to Program Leaders with authority to manage and direct the projects in their portfolio. Program Leaders develop annual objectives and report progress and are accountable to the executive staff for achieving programmatic results. Those programs include:

- Nature Based Park Program
- Sustainable Watershed Implementation Program
- Watershed Modeling, Studies and Planning Program
- Natural Resource Protection Program
- Watershed Safety and Response Program
- Utilities Program

Fiscal Year 2015/16 Highlighted Projects and Efforts

Several highlighted activities that will be initiated in FY 2015/16 are described below. These activities are focused regionally and work to expand staff expertise, promote appreciation of the river, and advance watershed health, safety and environmental stewardship.

Nature-Based Parks and Paddling Trails

The River Authority develops, operates, maintains, provides educational programming and promotes special events for several parks throughout the four county district. In Bexar County, the River Authority provides daily operation for the Museum Reach and Mission Reach of the San Antonio River Walk and hosts numerous recreational and education programs to enhance the public's enjoyment of this linear park. In FY 2015/16, activity along the River Walk will continue to grow as numerous activities and events are planned. A permanent paddling vendor program will be established along the Mission Reach and an enhancement to the holiday River of Lights is planned for the Museum Reach.

The River Authority recently acquired two additional park sites in Bexar County. One site is located next to the Medina River known as the Catfish Farm and the other sits alongside the San Antonio River known as the Trueheart Ranch. In FY 2015/16, staff will continue to plan and develop these sites for future public use.

In Wilson County, the River Authority will continue to add recreational amenities to the Helton San Antonio River Nature Park to include the addition of a pavilion and limited overnight camping. Recreational features will also be added to the County Road 125 park in Wilson County. In addition, the River Authority will continue its work with the City of Kenedy in Karnes County to develop the Escondido Creek Parkway.

With the significant investment in the Branch Park in the City of Goliad in the past fiscal years, the River Authority will continue to host several events and activities at the park for the community to enjoy and learn about the resources of the San Antonio River.

Sustainability and Low Impact Development

Low Impact Development and other Best Management Practices:

In FY 2014/15, the River Authority successfully advanced several programs throughout the basin to promote the application and use of Low Impact Development (LID) strategies. As a leader in this movement, the River Authority has worked with the City of San Antonio to propose draft amendment language for the 2015 Unified Development Code. It provides the development and design community a voluntary code option for LID design and natural channel design (NCD), and encourages greater use of the existing conservation subdivision code through incorporation of LID and NCD incentives. The River Authority is negotiating to be the LID plan reviewer in the City of San Antonio.

To extend the role of the River Authority, the FY 2015/16 projects will include the development and administration of a LID certification program. To increase public awareness and utilization, funds are budgeted for a rebate program to further incentivize the use of LID in new and infill development for both residential and commercial properties. The River Authority efforts will also include additional education and training on sustainable land use practices.

Mitigation Banking:

To compensate for future stream impacts, the U.S. Army Corps of Engineers (USACE) has established mitigation banking as the preferred method of mitigating stream impacts. This method restores and then protects the stream segments in perpetuity from development. Mitigation banking has been evaluated by the Bexar Regional Watershed Management (BRWM) group. Based on study recommendations, the BRWM is pursuing a local mitigation bank to compensate for City of San Antonio and/or Bexar County future stream impacts. Work in the upcoming fiscal year will center on design plans and establishing guidelines for the creation, operation, and maintenance of the proposed mitigation bank.

Trash Management Systems:

To combat the trash pollution entering the creeks and rivers through stormwater runoff, the River Authority will assess a number of feasibility studies on installing trash collection systems to determine where one or more of these systems will have the greatest benefit in trash reduction. Upon site selection, the River Authority will implement one or more systems as pilot projects in the San Antonio River Basin.

In addition, the River Authority will work to increase the number of Household Hazard Waste (HHW) activities to help aid in the proper collection and disposal of hazardous materials, including tires, which negatively impact the San Antonio River. Increased frequency is anticipated to encourage the proper disposal of items that may find their way into the river.

Stormwater Training and Tools:

The River Authority has been a leader in promoting the use of low impact development (LID) stormwater best management practices (BMPs) and the application of Triple Bottom Line (TBL) assessment to improve stormwater runoff management and to ensure that environmental, quality of life, and economic components are factored into project planning

and decision making. Training under this project will assist staff, government agencies, and the private design and development community to better apply LID, sustainable stormwater BMPs, and TBL to projects that impact the health of and quality of life within the basin.

Water Quality Studies and Programs

Feral Hog Management: Texas is home to about 2.6 million feral hogs which cause an estimated \$500 million in damages to rural and urban areas in Texas each year. They cause damage to riparian areas along streams, increasing erosion. Feral hogs defecate in and around water, increasing levels of bacteria and nutrients in creeks and rivers. This project will develop relationships and fund activities with other agencies of the State to implement strategies that help manage the feral hog population in the River Authority's district. The program will include education programs for land owners and support the actual elimination of feral hogs. In FY 2015/16, SARA plans to work with Texas AgriLife to host workshops to educate landowners in the district about feral hog management. Staff will also work with the identified partners to actively manage populations of feral hogs in the district.

Bacteria Source Tracking: Bacterial Source Tracking (BST) is used to determine the source of fecal indicator bacteria in the environment. Staff will research various BST methodologies and instrumentation, along with technical and facility requirements needed to successfully incorporate this capability into laboratory operations. The project will support and enhance efforts to identify and reduce *E. coli* levels in the river. In FY 2015/16, this project will include the purchase of the needed instrument(s), the completion of lab modifications for the analysis, and the hands on application of BST. The overall goal of FY 2015/16 is to get BST testing fully operational.

USGS Baseline Study of Oil and Gas Production Constituents Phase II Project: Oil and gas production in the San Antonio River Basin has increased with the exploration of the Eagle Ford Shale. In 2013, as part of Phase I, the River Authority completed a water quality monitoring study to establish a baseline for the area around the most intense activity. Since the initial sample collection, the number of new oil and gas production wells has increased substantially. The USGS proposes both continued long-term sampling at a subset of currently sampled stream sites and new focused sampling of additional stream sites within the Lower San Antonio River (LSAR) Basin where oil and gas production is most active. For FY 2015/16, the USGS Baseline Study of Oil and Gas Production Constituents Phase II activities includes water, streambed-sediment sampling, and land cover analysis in sub-watersheds of the lower San Antonio River, Cibolo Creek, and Ecleto Creek.

San Antonio Bay EDYS Model Development: This Ecological Dynamic Simulation (EDYS) application will develop an integrated model for the San Antonio Bay. The model will combine multiple parameters and simulate salinity and sediment gradient dynamics resulting from outflows of freshwater from the river and tidal inputs of brackish water from the bay and the effects of these gradients on the marsh vegetation. The model can serve as a tool that would be of substantial benefit for decision making in the San Antonio River-San Antonio Bay. In FY 2015/16, EDYS models developed for the San Antonio Bay will

be further refined to include additional components such as vegetation, animal and monitoring data.

Westside Creeks Restoration Project

The River Authority completed the Westside Creeks (WSC) Restoration Project Conceptual Plan (Plan) in June 2011. The Plan established the community's vision and priorities for flood control, amenities, ecosystem restoration, and recreational improvements along the Alazán, Apache, Martinez, and San Pedro creeks in Bexar County. The River Authority is actively involved in several projects to advance the implementation of the restoration and improvement to these creeks.

San Pedro Creek Improvements Project: Bexar County approved \$125 million in funding for the San Pedro Creek project in 2013 and engaged the River Authority to serve as project manager and contract administrator. In April 2014, the Bexar County Commissioners Court approved the 40 percent design and authorized the project to move into final design. The design phase will be completed early 2016. Following final design, construction is anticipated to begin in 2016 for an estimated completion of 2018 to align with the celebration of the 300th anniversary of the establishment of the City.

Westside Creeks Linear Creekway Trails Project: As project manager and construction administrator for the City of San Antonio, the River Authority initiated construction of the trails projects in FY 2014/15 which will continue into FY 2015/16. The Alazan and Martinez Linear Creekway Trails package includes approximately one mile of hike and bike trails and is scheduled for completion in early 2016. The Apache and San Pedro Linear Creekway Trails include approximately 3.5 miles of hike and bike trails and is scheduled to be completed in spring 2016.

Elmendorf Lake: Significant improvements funded by the City of San Antonio and Bexar County are underway at Elmendorf Lake. The River Authority serves as project manager and construction administrator of the project that will continue construction in FY 2015/16 with completion projected for late summer 2016.

New Bexar County Dam Operations Center

The construction of the Bexar County Dam Operations Center off of Binz Engleman will assist SARA's dam maintenance employees by strategically placing them in the middle of Bexar County where they will have more efficient access to the 28 dams they maintain. Maintaining the dams to state and federal standards, ensures public health and safety, which directly supports the River Authority's mission to protect and enhance creeks and rivers through service, leadership and expertise.

Watershed Safety and Response Program

This program supports public and environmental safety preparedness related to flood risks and emergencies associated with point and non-point sources of pollution such as spills and other negative impacts to water quality and aquatic life. This program also includes

the operations and maintenance of River Authority dams and the assessments and improvements to stream conveyance. This program utilizes mapping, modeling, and stakeholder engagement to assess, prepare and act. Some activities that will occur in FY 2015/16 include the following.

Risk MAP: Staff will use Risk Map depth grid products to identify homes in the 6-in to 1-ft depth floodplain at one location in Bexar County and one location in Wilson, Karnes or Goliad counties. Staff will work to develop a communication plan for these valuable tools.

Emergency Response: Coordinate and Participate with Bexar County's Emergency Operations Center (EOC) on a simulation (tabletop exercise) of flooding and flood response activities, including a simulated dam breach and response.

High Water Detection System Regional Website: With the Bexar Regional Watershed Management (BRWM) partners, the River Authority will help create a publicly accessible website that uses the telemetry data from multiple sources to give low water crossing status and other flood warnings as well as other functionality.

Budget Overview

The FY 2015/16 Proposed Budget for the River Authority totals \$154,228,337 across all funds. This includes expenditure appropriations as well as all reserve funds. This represents a significant increase from the FY 2014/15 Amended Budget mainly due to the changed approach to budgeting capital improvement projects. These projects are now budgeted by full remaining project costs; in the past, these projects were budgeted only for a single year's estimated expenditures.

The FY 2015/16 appropriations total \$154,228,337 which include reserves of \$23,681,123. Expenditures across all funds total \$130,547,214. This includes \$38,493,618 in the General Fund, \$58,314,877 for capital improvement projects, \$5,251,812 for debt service, and \$28,486,907 for all other expenditures. Revenues for FY 2015/16 are \$121,302,915 when all funds are included. Of this amount, \$29,186,103 are total General Fund revenues with \$23,442,073 or 80 percent from property tax. Other major revenue sources include utility charges for services of \$10,163,198, grant funds of \$13,372,147 and other intergovernmental revenue \$49,110,157 which incorporates funds from River Authority partners for capital improvement projects as well as for other purposes.

General Fund

Revenues for the General Fund for FY 2015/16 total \$29,186,103, an increase of \$588,504 or 2 percent from the FY 2014/15 estimates and \$1,412,680 or 5 percent in comparison to the FY 2014/15 Amended Budget. Of the total revenues amount, \$23,442,073 comes from property taxes, \$2,314,146 from support fees paid by the utilities for services provided by General Fund staff (human resources, finance, facilities, Intergovernmental and Community Relations, etc), \$1,876,164 from reimbursements for labor provided by staff in support of capital improvement projects and grants, and \$855,500 from charges for services such as laboratory fees.

The FY 2015/16 Proposed Budget includes an increase in property tax revenue of \$1,092,438 or 5 percent as compared to FY 2014/15 Amended Budget. This increase is driven entirely by changes in property values as the budget is based on the current tax rate of 1.75 cents per \$100 of valuation.

No change in the tax rate is proposed. Property value changes are projected to vary by county with three counties showing an increase in value: Bexar County values have been estimated by the Bexar Appraisal District to increase 13.3 percent. The Proposed Budget includes increase values of 7 percent for Bexar County, Wilson County by 4 percent, and Goliad County by 4 percent. Karnes County, because of volatile oil prices, is expected to see a decline in overall property values, by an estimated 14.5 percent which is included in the Proposed Budget. It is important to note that even with this decrease, Karnes County property values are still significantly greater than values of five years ago – by more than fifteen times.

The General Fund FY 2015/16 Budget Appropriations total \$45,372,661 with \$38,493,618 for expenditures and \$6,879,043 in the operating reserve. The appropriation include personnel expenses of \$15,085,855, operations expenses, such as supplies and contractual services, of \$11,770,099 and capital outlay of \$249,052 for equipment purchases and other major improvements. Of the total expenditure budget, \$4,600,325 is appropriated to complete 35 projects, 20 projects which began in FY 2014/15 and carried forward into FY 2015/16 and another 15 projects that are commencing in FY 2015/16. The graph below illustrates the amount of funding by major category including reserves.

Departments' operating costs make up most of the \$11,770,099 in expenditures in the General Fund. Two new positions are included in the proposed budget – a Staff Attorney and a Senior Stormwater Supervisor. One engineer position is moving from part time to full time and one part time position is being eliminated (Electrician's Apprentice) while another part time position is being created (Engineering Technician). The net cost of all new position changes is \$248,359. The Staff Attorney will provide an in-house resource for the Board and for staff. Reductions in outside counsel fees are included in the budget. The stormwater position facilitates the creation of a dedicated Stormwater unit in the organization. Other positions are moving into this unit from other departments in the organization. With these additions and changes to personnel, the River Authority will maintain its current level of services in all areas and increase its efforts related to stormwater. The maintenance and operation of the Mission and Museum reach will continue with no additional staff or new contracted services. Some equipment is being purchased to increase staff efficiency in providing maintenance and trash pickup.

The General Fund budget for FY 2015/16 changes the approach to funding projects. In prior years, projects were funded and appropriated in the General Fund, along with all other departmental budget appropriations. For FY 2015/16, these projects are appropriated in a new, separate fund – the San Antonio River Authority Project Fund. This change serves to reduce the operations expenses as well as the capital expenditures appropriation and as a result will increase the budget for transfers.

The FY 2015/16 General Fund budget also takes a different approach to fund balance reserves and follows the revised fund balance policy adopted by the Board of Directors in April 2015. Under the former policy, through FY 2014/15, the General Fund reserves were classified in six different categories – Nonspendable (notes receivable, inventory and prepaids), Committed (for water rights), Assigned (for Texas Water Development Board grant), Unassigned Reserve account (for facilities and other needs identified by the Board), Unassigned Operating Reserve Account (for unexpected or emergency situations) and the Unassigned Undistributed Account (for any funds not allocated to one of the other five categories). Beginning in FY 2015/16, the General Fund has

one fund balance shown – the Operating Reserve. For FY 2015/16, the General Fund Operating Reserve meets the target requirement of three months of recurring operating expenditures. This includes personnel, supplies, contracted services and capital expenditures. It does not include project related expenditures or transfers. This reserve totals \$6,879,043 in FY 2015/16.

A second reserve is created in the new San Antonio River Authority Project Fund. This Unrestricted Reserve totals \$5,585,700 in that fund; this reserve is established through a transfer of available funds from the General Fund. It can be allocated by the Board for any purpose.

Fiscal Year 2015/16 Projects

For FY 2015/16, 35 new projects are proposed to be funded with General Fund funds. The total funding for these projects is \$4,600,325. Each of these projects helps further the River Authority's mission. Additional projects will be managed by River Authority staff that are funded by various partners including the City of San Antonio, Bexar County, federal grant funds, state grant funds as well as others. These projects have total budgeted funding of \$43,611,878. The projects' activities are focused regionally, expand the River Authority's expertise, promote appreciation of the river, and advance sustainability and environmental stewardship.

In addition to the information provided above, a description of each project and, in the case of General Fund funded projects, a statement of how the project furthers the River Authority's mission, is included in the Capital Projects section of this FY 2015/16 Budget document.

Insurance Fund

In FY 2014/15, the cost of medical claims for the River Authority is projected to increase significantly in comparison to FY 2013/14 actual amounts. This occurs for two reasons. A small portion is attributed to the general increase in medical services costs. The majority of the increase (\$570,000) is due to changes in the River Authority's stop/loss insurance. For most individuals covered under the insurance, the River Authority must pay the first \$35,000 in claims; any amount in excess of this is paid by the insurance carrier. However, for 2015, the insurance carrier identified five individuals where the River Authority must pay about \$125,000 each before the insurance begins payment. This added significantly to claims costs.

The financial stability of the Insurance Fund has been negatively impacted by the significant increase in claims costs. A three year strategy is being developed to address the cost increases; it includes various components and has several objectives. First, maintaining the stability of the fund. Second, mitigating the potential future costs from provisions in the affordable care act. Third, recognizing the financial impact to employees and phasing this in over time.

To achieve these objectives, several initiatives may be implemented in FY 2015/16 and plan year 2016. A transfer of \$600,000 from the General Fund into the Insurance Fund is included in the FY 2015/16 Budget. This will help the fund recover from the \$570,000 in higher claims costs in FY 2014/15. This one-time transfer, rather than an increase in the premium the River Authority pays for each employee, is designed to help keep the River Authority below the "Cadillac tax" provisions of the Affordable Care Act.

In addition, plan design changes will most likely occur each year for the next three years that could address deductibles, maximum out-of-pocket expenses and other cost sharing components of the plans. Employees' premiums may also increase in 2016.

Utility Operating Funds

The FY 2015/16 Budget combines the former seven utility funds into four funds, three of which remain active in FY 2015/16. The San Antonio River Authority Water System Fund closed in FY 2014/15 with the sale of the water system to a private purveyor. Any remaining funds were moved to the San Antonio River Authority Wastewater Fund as that fund provided the funding to originally purchase the water system.

The San Antonio River Authority (SARA) Wastewater System Operating Fund now includes this fund's expenditures as well as the Utilities Operating and Maintenance Agreement Fund. The consolidation occurs in FY 2015/16 because the contracted services previously budgeted in the Utilities O&M fund are provided by SARA wastewater employees. The wastewater system fund's expenditures for FY 2015/16 total \$10,450,278, an increase of \$2,726,648 or 35 percent in comparison to the FY 2014/15 estimated expenses. This occurs because of the consolidation of the two funds as well as an increase in the transfer to the construction and improvements fund for future project costs. That transfer is \$2,500,000 for FY 2015/16. This transfer's funding comes mainly from carry forward fund balance. The revenues for the fund are \$8,211,334 for FY 2015/16, this figure is flat as compared to FY 2014/15 estimated revenues. Rates are proposed to increase 3.5 percent; however, water consumption decreased across the system so the increase generates additional net revenue of about 1.5 percent. This revenue is sufficient to cover all operating costs of the system. Although, the proposed rates are not anticipated to generate significant funding for future capital improvements.

The three Salatrillo operating funds are now consolidated into the Salatrillo Operating Fund, closing the reuse and retail funds in FY 2015/16. The same staff supports all three functions for Salatrillo – wholesale, retail and reuse. Costs will be tracked separately for rate development purposes. For FY 2015/16, the Salatrillo Operating Fund's expenditures total \$4,058,528, an increase of \$1,454,118 or 56 percent in comparison to the FY 2014/15 estimates. Again, this occurs as a result of the funds' consolidation. This operating fund will also transfer \$800,000 to the Salatrillo Construction and Improvements Fund for future capital improvement projects. The capacity to make this transfer comes mainly from carry forward reserves in the operating funds. Revenues for FY 2015/16 in the Salatrillo Operating Fund are \$3,887,864, reflecting a \$1,053,743 or 37 percent increase from the FY 2014/15 estimates. This increase also results mainly from the consolidation of funds. Revenue also increases as a result of proposed rate increase of 4 percent. As is the case with the SARA Wastewater System, water consumption decreased across the Salatrillo system so the increase generates additional net revenue of about 2 percent. This revenue is sufficient to cover all operating costs of the system. Although, the proposed rates are not anticipated to generate significant funding for future capital improvements.

During FY 2015/16, staff will reevaluate the rate models for both wastewater systems and well as the financing strategies for future improvements to determine the best approach for setting rates that generate funding for future system replacements and expansions.

All the utility operating funds meet the target fund balance requirement of three months operating expenditures net of transfers and project costs.

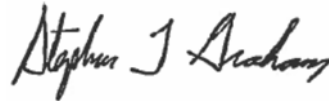
Conclusion

In all that the River Authority does, we strive to provide valued public service, to be accountable to our constituents, and to be good fiscal stewards of the public resources with which we are entrusted. The budget, programs, projects and activities presented in these documents are provided to promote quality service and responsiveness to the needs of the community we serve.

Respectfully submitted,



SUZANNE B. SCOTT
General Manager



STEPHEN T. GRAHAM
Assistant General Manager



DEBORAH

A. KORINCHOCK
Director of Support Services

SARA's Strategic Plan Fiscal Year 2015/2016

VISION: Inspiring Actions for Healthy Creeks and Rivers

MISSION: Protect and enhance our creeks and rivers through service, leadership and expertise.

Markets: We serve a regional constituency and have global impact.

What Sets Us Apart

- Action oriented and informed elected Board of Directors.
- Innovative, sustainable, collaborative, and results-oriented solutions.
- Experts in watershed management and ecology.
- Caring, dedicated and passionate people providing responsive public service.

CORE VALUES:

Stewardship

- We care for our creeks and rivers as a valued natural and community resource.
- We exercise care in managing the public funds and resources entrusted to us.
- We care for our employees.

Integrity

- We are honest, ethical and reliable.
- We are accountable to and value the trust and confidence of the citizens and communities we serve, and each other.

Excellence

- We are committed to innovative, collaborative, adaptive and strategic actions that result in watershed solutions.
- We provide responsive service, leverage our experience and strive to advance our knowledge, skills and capabilities.

STRATEGIC OPPORTUNITIES (6 to 10 years)

- Demonstrate the importance of **managing stormwater quality** for a healthy and vibrant community. (Steve Graham and Karen Bishop)
- Determine how to **keep the watershed master plans and models dynamic** and relevant to advance our River Health Index and to target future community investments. (Suzanne Scott and Melissa Bryant)
- Provide leadership in **support of the San Antonio Bay**. (Steve Raabe and Brian Mast)
- **Pursue opportunities in capital projects management** and operations and maintenance. (John Chisholm and Russell Persyn)
- Explore and **implement funding diversification** opportunities. (Debi Korinchock and Rick Trefzer)

AGENCY GOALS (3 to 5 years)

Watershed Health & Safety

Generate lasting and recognized improvements to the health and safety of our creeks, rivers, estuaries and bays. (Steve Raabe and Suzanne Scott)

Community Appreciation & Recreation

Enhance community appreciation for and recreational use of our creeks and rivers. (John Chisholm)

Watershed Solutions

Advance and apply our expertise to influence, develop and implement watershed solutions that balance the environmental, economic and quality of life needs of our communities. (Steve Graham)

Employee Expertise & Dedication

Strengthen, develop and anticipate expertise at all levels to enhance results, improve service efficiencies, and build employee dedication. (Bruce Knott)

Diversify & Leverage Funding

Expand, diversify and leverage funding sources and partnerships by delivering results. (Debi Korinchock)

FISCAL YEAR OBJECTIVES (1 to 2 years)

Watershed Health & Safety

1. Expand expertise by implementing techniques for water quality monitoring by developing bacteria source tracking (BST) capabilities and obtaining The NELAC Institute accreditation for metals in sediment.
2. Develop a strategic plan to identify homes in low risk areas within the floodplain which have a potential to be removed from the floodplain designation with more detailed study rather than a capital improvement project.

Community Appreciation & Recreation

3. Increase attendance and improve visitor experience at SARA parks.
4. Improve and expand SARA parks and paddling trail infrastructure to facilitate increased utilization of SARA parks.

Watershed Solutions

5. Engage in the endangered species listing process for mussels by providing completed mussel surveys of Cibolo Creek and the San Antonio River to the US Fish and Wildlife Services.
6. Increase the community awareness of Low Impact Development (LID)/Natural Channel Design (NCD) through public outreach and the development of a LID rebate program.
7. Ensure approval and implementation of LID/NCD in the City of San Antonio's 2015 Unified Development Code amendment process.
8. Implement agricultural and wildlife best management practices in our District that improves water quality and promotes riparian health.

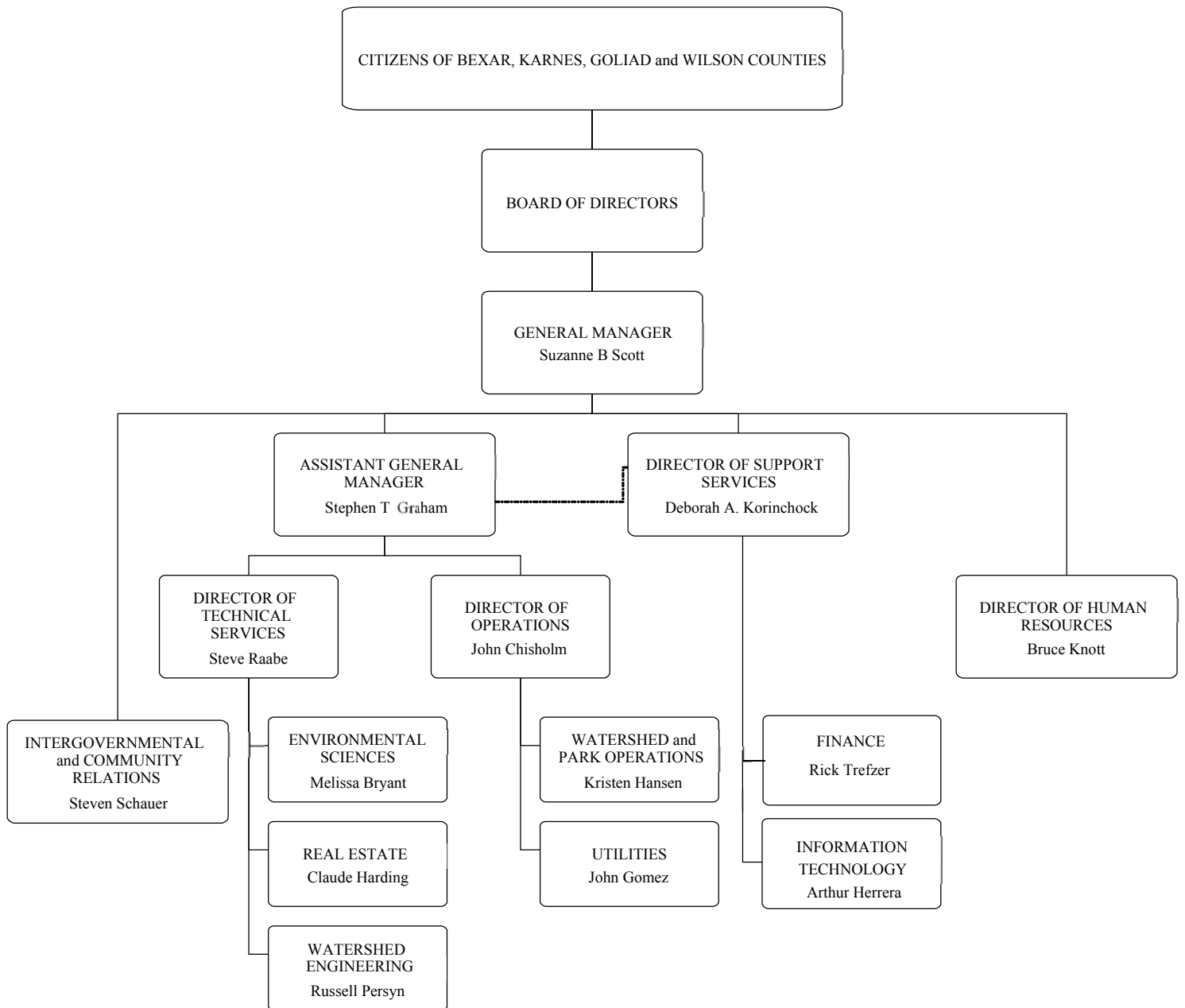
Employee Expertise & Dedication

9. Evaluate and implement a new tiered insurance structure and costs promoting wellness.

Diversify & Leverage Funding

10. Encourage the growth of our utility systems by adding 300 connections to the wastewater treatment system and by expanding our customer base for reuse water.
11. Develop a five year plan to increase high quality services delivered to our partners and communities.
12. Begin implementation of Phase 1 of the GIS strategic plan by building a solid foundation of GIS management and development through quality and organized data, users, and system architecture including support for a dynamic basin assessment.

TAG LINE: Leaders in Watershed Solutions



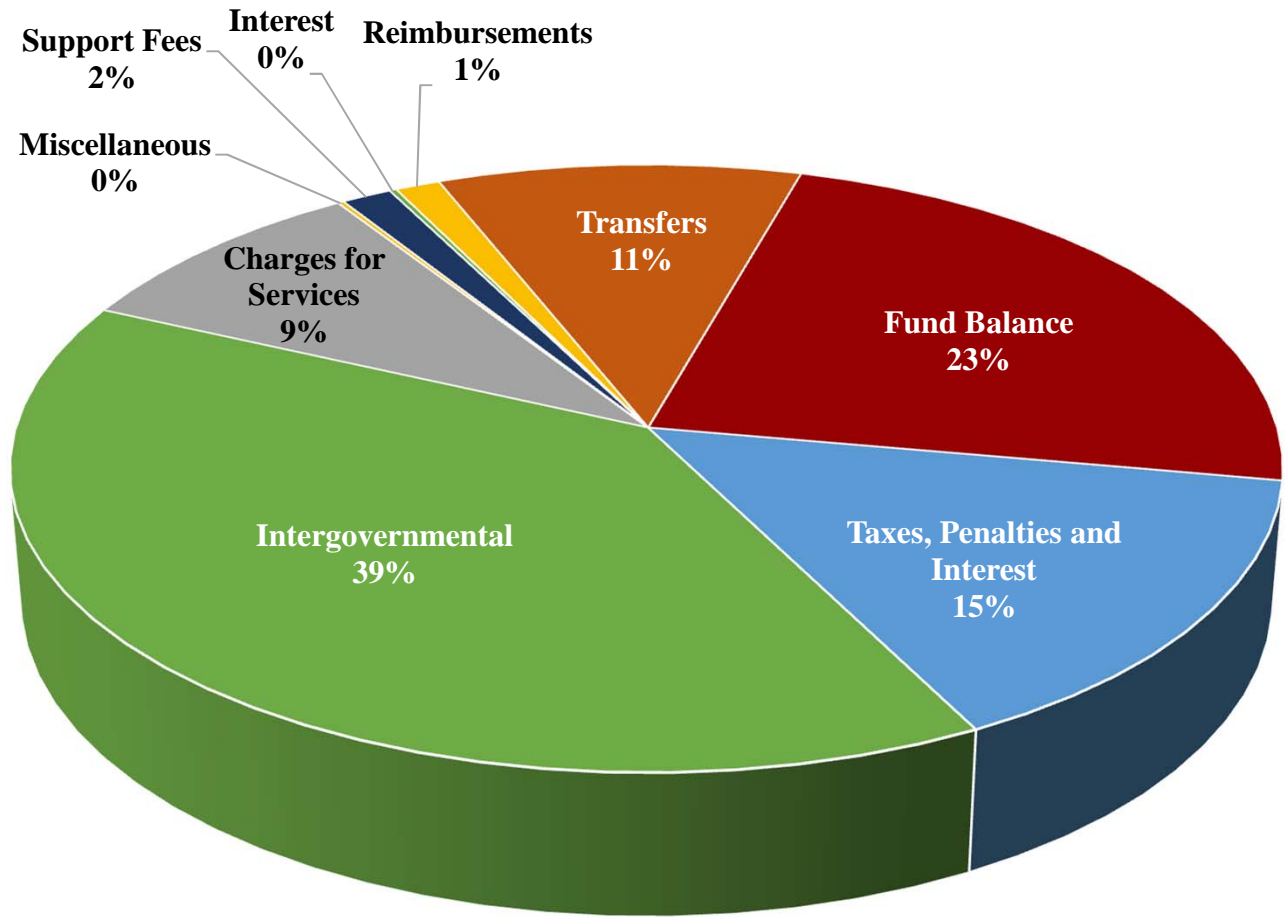


Budget Overview



San Antonio River
Improvement Project
Museum Reach,
Bexar County

FY 2015/16 Total Available Funds



Taxes, Penalties and Interest	\$	23,442,073
Intergovernmental	\$	62,818,304
Charges for Services	\$	14,336,190
Miscellaneous	\$	279,000
Support Fees	\$	2,314,146
Investment Income	\$	314,828
Reimbursements	\$	2,066,164
Transfers	\$	16,718,209
Fund Balance	\$	37,303,183
Total Available Funds	\$	159,592,097

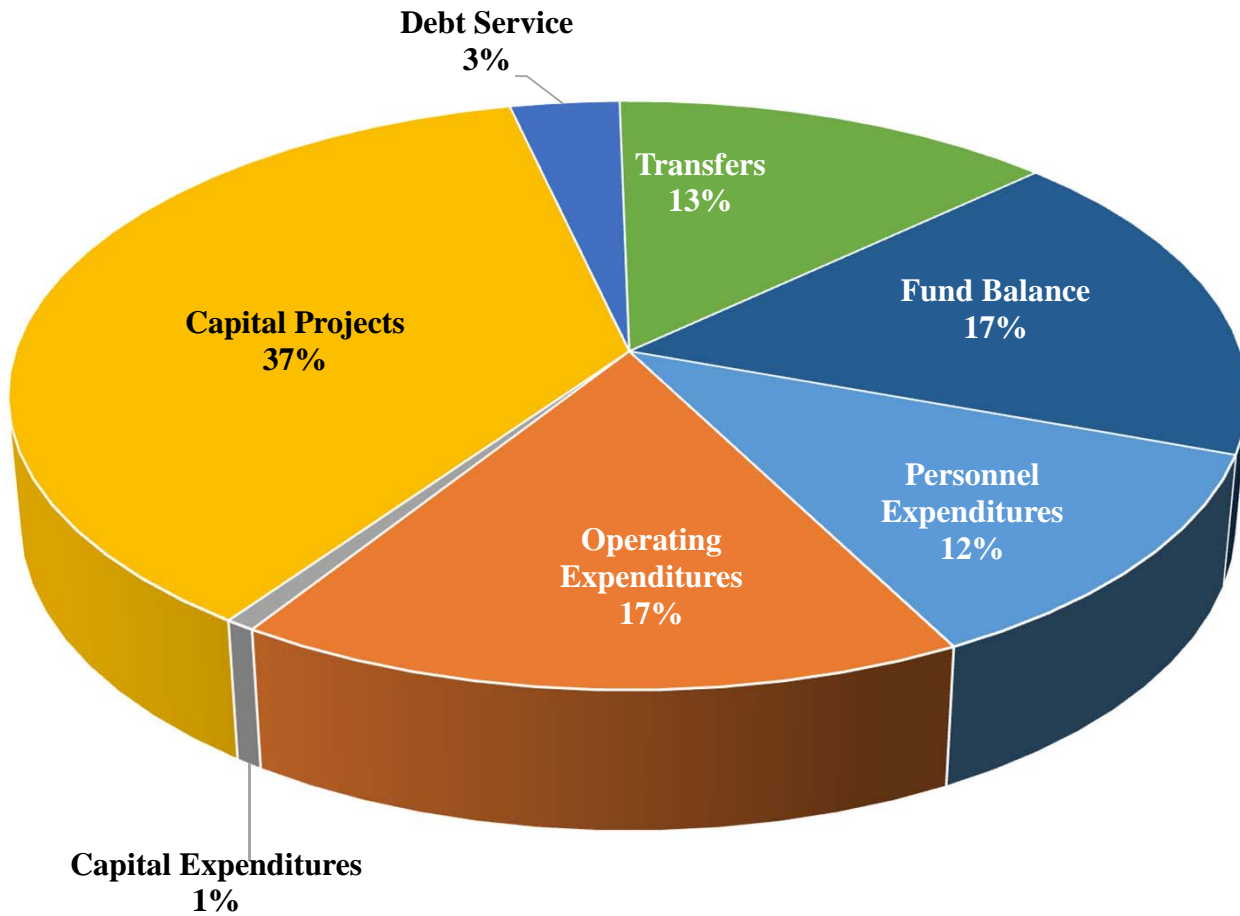


SAN ANTONIO

RIVER AUTHORITY

Leaders in Watershed Solutions

FY 2015/16 Total Appropriations



Personnel Expenditures	\$	18,953,645
Operating Expenditures	\$	26,455,979
Capital Expenditures	\$	1,090,952
Capital Improvement Projects	\$	58,614,877
Debt Service	\$	5,251,812
Transfers	\$	21,230,998
Fund Balance	\$	27,993,834
Total Appropriations	\$	159,592,097

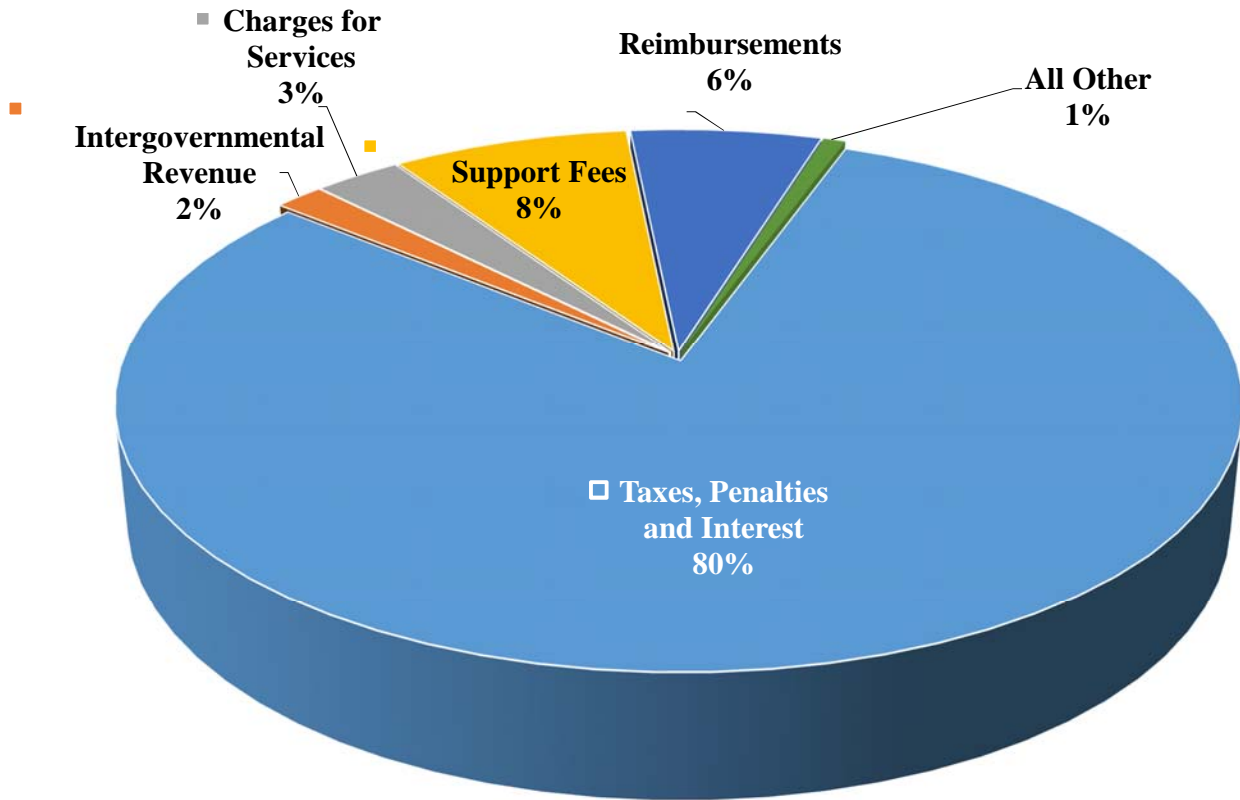


SAN ANTONIO

RIVER AUTHORITY

Leaders in Watershed Solutions

FY 2015/16 General Fund Revenues by Category



Taxes, Penalties and Interest	\$ 23,442,073
Intergovernmental Revenue	\$ 483,200
Charges for Services	\$ 855,500
Support Fees	\$ 2,314,146
Reimbursements	\$ 1,876,164
All Other	\$ 215,020
Total Revenue	\$ 29,186,103

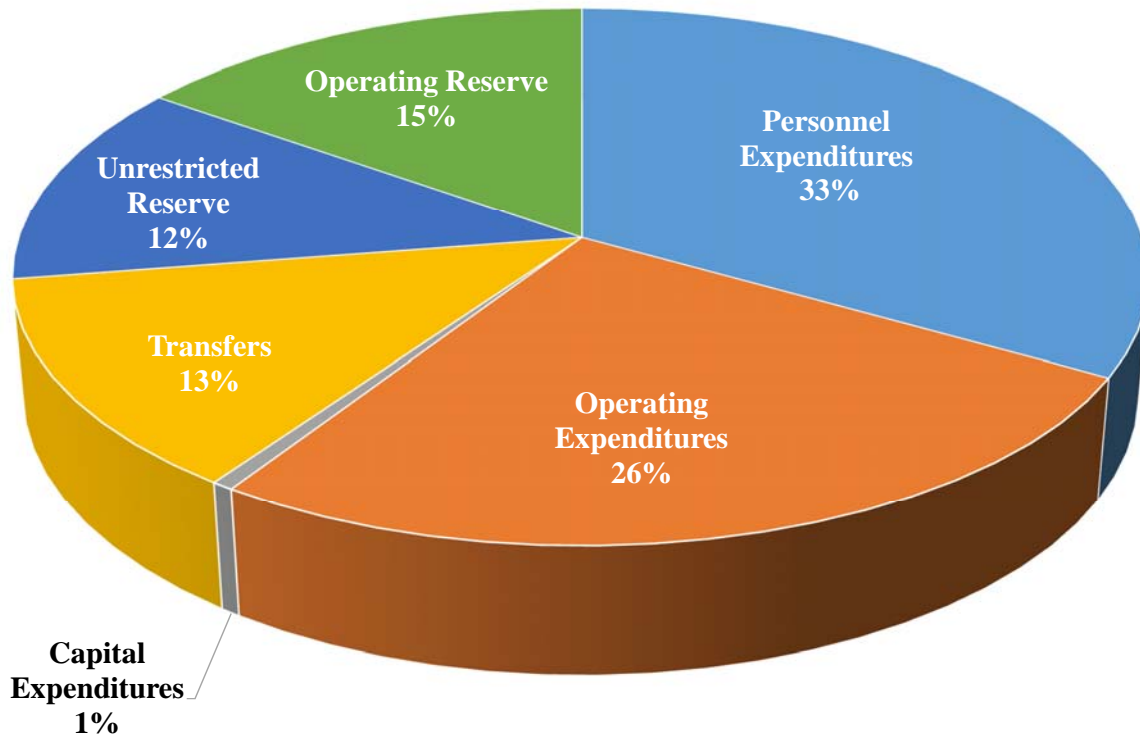


SAN ANTONIO

RIVER AUTHORITY

Leaders in Watershed Solutions

FY 2015/16 General Fund Budget Appropriations by Type



Personnel Expenditures	\$ 15,085,855
Operating Expenditures	\$ 11,770,099
Capital Expenditures	\$ 249,052
Transfers	\$ 5,802,912
Unrestricted Reserve	\$ 5,585,700
Operating Reserve	\$ 6,879,043
Total Appropriations	\$ 45,372,660

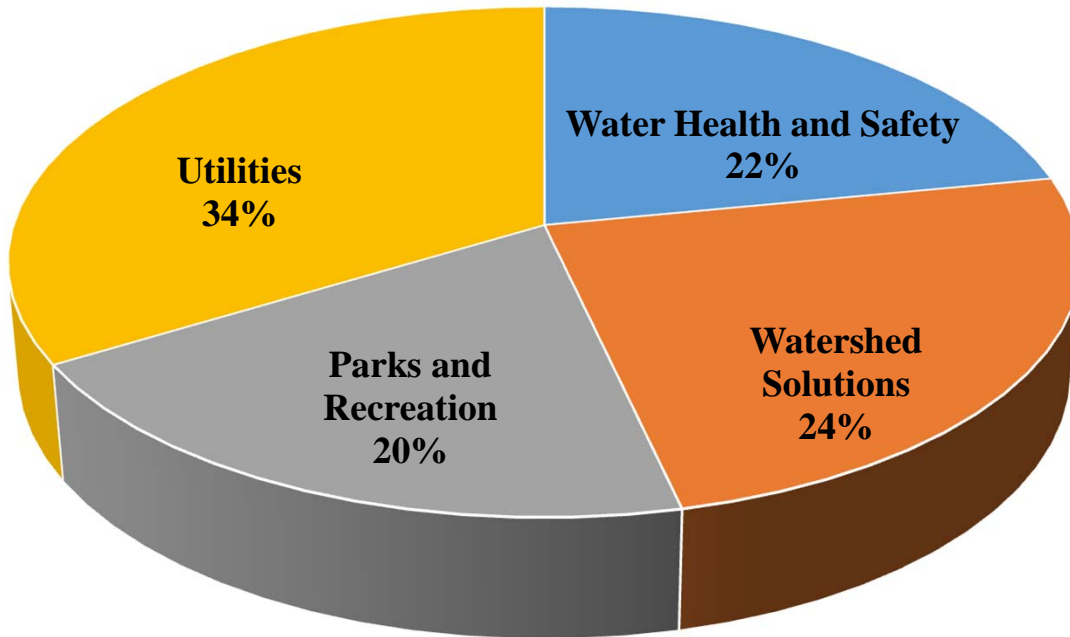


SAN ANTONIO

RIVER AUTHORITY

Leaders in Watershed Solutions

General Fund and Utility Operating Funds by Function



Water Health and Safety	\$	10,115,436
Watershed Solutions	\$	11,295,827
Parks and Recreation	\$	9,182,508
Utilities	\$	15,523,935
Total	\$	46,117,706



SAN ANTONIO

RIVER AUTHORITY

Leaders in Watershed Solutions

ALL FUNDS SUMMARY



SAN ANTONIO

RIVER AUTHORITY

Leaders in Watershed Solutions

All Funds Summary
Fiscal Year Ending June 30, 2016

	FY 2015/16	FY 2015/16
Available Funds	All Funds	General Fund
Beginning Balance		
Operating Reserve	\$ 18,422,745	\$ 11,545,558
Unrestricted Reserve	10,559,286	4,641,000
Reserve for Projects	4,177,268	-
Impact Fee Reserve	874,051	-
Reserve for Debt Service	3,269,832	-
Total Beginning Balance	\$ 37,303,183	\$ 16,186,558
Revenue		
Taxes, Penalties and Interest	\$ 23,442,073	\$ 23,442,073
Intergovernmental	62,818,304	483,200
Charges for Services	14,336,190	855,500
Miscellaneous	279,000	180,000
Support Fees	2,314,146	2,314,146
Investment Earnings	314,828	35,020
Reimbursements	2,066,164	1,876,164
Proceeds from Debt Issuance	-	-
Impact Fees	-	-
Transfers	16,718,209	-
Total Revenue	\$ 122,288,914	\$ 29,186,103
TOTAL AVAILABLE FUNDS	\$ 159,592,097	\$ 45,372,660
APPROPRIATIONS		
Personnel Expenditures	\$ 18,953,645	\$ 15,085,855
Operating Expenditures	26,455,979	11,770,099
Capital Outlay	1,090,952	249,052
Capital Improvement Projects	58,614,877	-
Debt Service	5,251,812	-
Transfers	21,230,998	11,388,612
TOTAL APPROPRIATIONS	\$ 131,598,263	\$ 38,493,618
Operating Reserve	10,369,017	6,879,043
Unrestricted Reserve	7,218,111	-
Reserve for Debt Service	3,256,209	-
Reserve for Projects	6,276,445	-
Impact Fee Reserve	874,051	-
TOTAL APPROPRIATIONS	\$ 159,592,097	\$ 45,372,660

All Funds Summary
Fiscal Year Ending June 30, 2016

Utility Operating Funds

	FY 2015/16	FY 2015/16	FY 2015/16	FY 2015/16
Available Funds	SARA Wastewater	Salatrillo Wastewater	Salatrillo Retail	Randolph Air Force Base
Beginning Balance				
Operating Reserve	\$ 4,070,172	\$ 729,313	\$ 558,322	\$ 147,732
Unrestricted Reserve	-	-	-	-
Reserve for Projects	-	-	-	-
Impact Fee Reserve	-	-	-	-
Reserve for Debt Service	-	-	-	-
Total Beginning Balance	\$ 4,070,172	\$ 729,313	\$ 558,322	\$ 147,732
Revenue				
Taxes, Penalties and Interest	\$ -	\$ -	\$ -	\$ -
Intergovernmental	688,500	108,900	-	342,360
Charges for Services	7,119,572	3,043,626	-	-
Miscellaneous	20,000	55,000	-	-
Support Fees	-	-	-	-
Investment Earnings	20,000	5,000	-	-
Reimbursements	150,000	40,000	-	-
Proceeds from Debt Issuance	-	-	-	-
Impact Fees	-	-	-	-
Transfers	213,262	635,338	-	-
Total Revenue	\$ 8,211,334	\$ 3,887,864	\$ -	\$ 342,360
TOTAL AVAILABLE FUNDS	\$ 12,281,506	\$ 4,617,177	\$ 558,322	\$ 490,092
APPROPRIATIONS				
Personnel Expenditures	\$ 2,662,353	\$ 921,945	\$ -	\$ 197,500
Operating Expenditures	2,083,047	1,283,492	-	37,128
Capital Outlay	515,600	326,300	-	-
Capital Improvement Projects	-	-	-	-
Debt Service	-	-	-	-
Transfers	5,189,278	1,526,791	558,322	65,452
TOTAL APPROPRIATIONS	\$ 10,450,278	\$ 4,058,528	\$ 558,322	\$ 300,081
Operating Reserve	1,831,227	558,649	-	190,011
Unrestricted Reserve	-	-	-	-
Reserve for Debt Service	-	-	-	-
Reserve for Projects	-	-	-	-
Impact Fee Reserve	-	-	-	-
TOTAL APPROPRIATIONS	\$ 12,281,506	\$ 4,617,177	\$ 558,322	\$ 490,092

All Funds Summary
Fiscal Year Ending June 30, 2016

Utility Operating Funds

Special Rev
Funds

	FY 2015/16	FY 2015/16	FY 2015/16	FY 2015/16
Available Funds	SARA Water	Utility Operation and Maint.	Salatrillo Reuse	Medina Dam

Beginning Balance				
Operating Reserve	\$ 65,049	\$ 213,262	\$ 77,016	\$ -
Unrestricted Reserve	-	-	-	-
Reserve for Projects	-	-	-	-
Impact Fee Reserve	-	-	-	-
Reserve for Debt Service	-	-	-	-
Total Beginning Balance	\$ 65,049	\$ 213,262	\$ 77,016	\$ -
Revenue				
Taxes, Penalties and Interest	\$ -	\$ -	\$ -	\$ -
Intergovernmental	-	-	-	50,000
Charges for Services	650,000	-	-	-
Miscellaneous	-	-	-	-
Support Fees	-	-	-	-
Investment Earnings	-	-	-	-
Reimbursements	-	-	-	-
Proceeds from Debt Issuance	-	-	-	-
Impact Fees	-	-	-	-
Transfers	-	-	-	-
Total Revenue	\$ 650,000	\$ -	\$ -	\$ 50,000
TOTAL AVAILABLE FUNDS	\$ 715,049	\$ 213,262	\$ 77,016	\$ 50,000

APPROPRIATIONS

Personnel Expenditures	\$ 85,992	\$ -	\$ -	\$ -
Operating Expenditures	54,411	-	-	50,000
Capital Outlay	-	-	-	-
Capital Improvement Projects	-	-	-	-
Debt Service	-	-	-	-
Transfers	574,646	213,262	77,016	-

TOTAL APPROPRIATIONS	\$ 715,049	\$ 213,262	\$ 77,016	\$ 50,000
Operating Reserve	-	-	-	-
Unrestricted Reserve	-	-	-	-
Reserve for Debt Service	-	-	-	-
Reserve for Projects	-	-	-	-
Impact Fee Reserve	-	-	-	-
TOTAL APPROPRIATIONS	\$ 715,049	\$ 213,262	\$ 77,016	\$ 50,000

All Funds Summary
Fiscal Year Ending June 30, 2016

Special Revenue Funds

	FY 2015/16	FY 2015/16	FY 2015/16	FY 2015/16
Available Funds	Flood Control Tax	SACIP Land Sales	Public Facilities Corp	Industrial Dev Authority
Beginning Balance				
Operating Reserve	\$ -	\$ -	\$ 17,333	\$ 33,929
Unrestricted Reserve	-	-	-	-
Reserve for Projects	-	341,745	-	-
Impact Fee Reserve	-	-	-	-
Reserve for Debt Service	13,623	-	-	-
Total Beginning Balance	\$ 13,623	\$ 341,745	\$ 17,333	\$ 33,929
Revenue				
Taxes, Penalties and Interest	\$ -	\$ -	\$ -	\$ -
Intergovernmental	-	400	-	-
Charges for Services	-	46,500	182,238	-
Miscellaneous	-	-	-	-
Support Fees	-	-	-	-
Investment Earnings	-	200	-	20
Reimbursements	-	-	-	-
Proceeds from Debt Issuance	-	-	-	-
Impact Fees	-	-	-	-
Transfers	-	-	-	-
Total Revenue	\$ -	\$ 47,100	\$ 182,238	\$ 20
TOTAL AVAILABLE FUNDS	\$ 13,623	\$ 388,845	\$ 199,571	\$ 33,949
APPROPRIATIONS				
Personnel Expenditures	\$ -	\$ -	\$ -	\$ -
Operating Expenditures	-	-	10,000	6,000
Capital Outlay	-	-	-	-
Capital Improvement Projects	-	293,607	-	-
Debt Service	-	-	182,238	-
Transfers	13,623	-	-	-
TOTAL APPROPRIATIONS	\$ 13,623	\$ 293,607	\$ 192,238	\$ 6,000
Operating Reserve	-	-	7,333	27,949
Unrestricted Reserve	-	-	-	-
Reserve for Debt Service	-	-	-	-
Reserve for Projects	-	95,238	-	-
Impact Fee Reserve	-	-	-	-
TOTAL APPROPRIATIONS	\$ 13,623	\$ 388,845	\$ 199,571	\$ 33,949

All Funds Summary
Fiscal Year Ending June 30, 2016

Special Revenue Funds

	FY 2015/16	FY 2015/16	FY 2015/16	FY 2015/16
Available Funds	Park Resources Development	Water Planning Group	Edward Aquifer/RWRDG	Regional Water Alliance
Beginning Balance				
Operating Reserve	\$ -	\$ -	\$ 89,515	\$ 7,275
Unrestricted Reserve	-	-	-	-
Reserve for Projects	335,511	-	-	-
Impact Fee Reserve	-	-	-	-
Reserve for Debt Service	-	-	-	-
Total Beginning Balance	\$ 335,511	\$ -	\$ 89,515	\$ 7,275
Revenue				
Taxes, Penalties and Interest	\$ -	\$ -	\$ -	\$ -
Intergovernmental	-	127,484	50,000	4,200
Charges for Services	20,000	-	1,100	-
Miscellaneous	-	-	-	-
Support Fees	-	-	-	-
Investment Earnings	140	50	100	10
Reimbursements	-	-	-	-
Proceeds from Debt Issuance	-	-	-	-
Impact Fees	-	-	-	-
Transfers	-	-	-	-
Total Revenue	\$ 20,140	\$ 127,534	\$ 51,200	\$ 4,210
TOTAL AVAILABLE FUNDS	\$ 355,651	\$ 127,534	\$ 140,715	\$ 11,485
APPROPRIATIONS				
Personnel Expenditures	\$ -	\$ -	\$ -	\$ -
Operating Expenditures	10,000	127,534	72,000	11,000
Capital Outlay	-	-	-	-
Capital Improvement Projects	-	-	-	-
Debt Service	-	-	-	-
Transfers	-	-	-	-
TOTAL APPROPRIATIONS	\$ 10,000	\$ 127,534	\$ 72,000	\$ 11,000
Operating Reserve	-	-	68,715	485
Unrestricted Reserve	-	-	-	-
Reserve for Debt Service	-	-	-	-
Reserve for Projects	345,651	-	-	-
Impact Fee Reserve	-	-	-	-
TOTAL APPROPRIATIONS	\$ 355,651	\$ 127,534	\$ 140,715	\$ 11,485

All Funds Summary Fiscal Year Ending June 30, 2016	Special Revenue Funds		Debt Service Fund	Insurance Fund

	FY 2015/16	FY 2015/16	FY 2015/16	FY 2015/16
Available Funds	Grants	Texas Water Development Board	Debt Service	Insurance

Beginning Balance				
Operating Reserve	\$ -	\$ -	\$ -	\$ 868,271
Unrestricted Reserve	-	-	1,605,574	-
Reserve for Projects	-	618,107	-	-
Impact Fee Reserve	-	-	-	-
Reserve for Debt Service	-	-	3,256,209	-
Total Beginning Balance	\$ -	\$ 618,107	\$ 4,861,783	\$ 868,271

Revenue				
Taxes, Penalties and Interest	\$ -	-	-	\$ -
Intergovernmental	13,408,147	-	3,435,001	-
Charges for Services	-	-	-	2,417,654
Miscellaneous	-	-	-	24,000
Support Fees	-	-	-	-
Investment Earnings	-	-	15,214	10,000
Reimbursements	-	-	-	-
Proceeds from Debt Issuance	-	-	-	-
Impact Fees	-	-	-	-
Transfers	137,389	-	1,646,196	600,000
Total Revenue	\$ 13,545,536	\$ -	\$ 5,096,411	\$ 3,051,654

TOTAL AVAILABLE FUNDS	\$ 13,545,536	\$ 618,107	\$ 9,958,194	\$ 3,919,925
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APPROPRIATIONS

Personnel Expenditures	\$ -	\$ -	\$ -	\$ -
Operating Expenditures	3,633,516	618,107	-	3,114,320
Capital Outlay	-	-	-	-
Capital Improvement Projects	9,912,020	-	-	-
Debt Service	-	-	5,069,574	-
Transfers	-	-	-	-

TOTAL APPROPRIATIONS	\$ 13,545,536	\$ 618,107	\$ 5,069,574	\$ 3,114,320
Operating Reserve	-	-	-	805,605
Unrestricted Reserve	-	-	1,632,411	-
Reserve for Debt Service	-	-	3,256,209	-
Reserve for Projects	-	-	-	-
Impact Fee Reserve	-	-	-	-
TOTAL APPROPRIATIONS	\$ 13,545,536	\$ 618,107	\$ 9,958,194	\$ 3,919,925

All Funds Summary
Fiscal Year Ending June 30, 2016

Capital Improvement Funds

	FY 2015/16	FY 2015/16	FY 2015/16	FY 2015/16
Available Funds	SARA Project Fund	City of San Antonio SARIP	Bexar County Capital Improv	Bexar County SARIP Flood Tax
Beginning Balance				
Operating Reserve	\$ -	\$ -	-	-
Unrestricted Reserve	-	-	-	-
Reserve for Projects	-	-	-	-
Impact Fee Reserve	-	-	-	-
Reserve for Debt Service	-	-	-	-
Total Beginning Balance	\$ -	\$ -	\$ -	\$ -
Revenue				
Taxes, Penalties and Interest	\$ -	\$ -	\$ -	\$ -
Intergovernmental	-	3,287,766	1,261,272	4,084,367
Charges for Services	-	-	-	-
Miscellaneous	-	-	-	-
Support Fees	-	-	-	-
Investment Earnings	-	229,074	-	-
Reimbursements	-	-	-	-
Proceeds from Debt Issuance	-	-	-	-
Impact Fees	-	-	-	-
Transfers	10,186,025	-	-	-
Total Revenue	\$ 10,186,025	\$ 3,516,840	\$ 1,261,272	\$ 4,084,367
TOTAL AVAILABLE FUNDS	\$ 10,186,025	\$ 3,516,840	\$ 1,261,272	\$ 4,084,367

APPROPRIATIONS

Personnel Expenditures	\$ -	\$ -	\$ -	\$ -
Operating Expenditures	3,575,325	-	-	-
Capital Outlay	-	-	-	-
Capital Improvement Projects	1,025,000	3,516,840	1,261,272	4,084,367
Debt Service	-	-	-	-
Transfers	-	-	-	-

TOTAL APPROPRIATIONS	\$ 4,600,325	\$ 3,516,840	\$ 1,261,272	\$ 4,084,367
Operating Reserve	-	-	-	-
Unrestricted Reserve	5,585,700	-	-	-
Reserve for Debt Service	-	-	-	-
Reserve for Projects	-	-	-	-
Impact Fee Reserve	-	-	-	-
TOTAL APPROPRIATIONS	\$ 10,186,025	\$ 3,516,840	\$ 1,261,272	\$ 4,084,367

All Funds Summary
Fiscal Year Ending June 30, 2016

Capital Improvement Funds

	FY 2015/16 City of San Antonio CIP 1999	FY 2015/16 Bexar County Westside Creek	FY 2015/16 Downstream CIP	FY 2015/16 Bexar County Capital Projects
Available Funds				
Beginning Balance				
Operating Reserve	\$ -	-	\$ -	\$ -
Unrestricted Reserve	-	-	-	-
Reserve for Projects	-	-	-	-
Impact Fee Reserve	-	-	-	-
Reserve for Debt Service	-	-	-	-
Total Beginning Balance	\$ -	\$ -	\$ -	\$ -
Revenue				
Taxes, Penalties and Interest	\$ -	\$ -	\$ -	\$ -
Intergovernmental	27,794	15,739,785	36,816	6,379,204
Charges for Services	-	-	-	-
Miscellaneous	-	-	-	-
Support Fees	-	-	-	-
Investment Earnings	-	-	-	-
Reimbursements	-	-	-	-
Proceeds from Debt Issuance	-	-	-	-
Impact Fees	-	-	-	-
Transfers	-	-	-	-
Total Revenue	\$ 27,794	\$ 15,739,785	\$ 36,816	\$ 6,379,204
TOTAL AVAILABLE FUNDS	\$ 27,794	\$ 15,739,785	\$ 36,816	\$ 6,379,204
APPROPRIATIONS				
Personnel Expenditures	\$ -	\$ -	\$ -	\$ -
Operating Expenditures	-	-	-	-
Capital Outlay	-	-	-	-
Capital Improvement Projects	27,794	15,739,785	36,816	6,379,204
Debt Service	-	-	-	-
Transfers	-	-	-	-
TOTAL APPROPRIATIONS	\$ 27,794	\$ 15,739,785	\$ 36,816	\$ 6,379,204
Operating Reserve	-	-	-	-
Unrestricted Reserve	-	-	-	-
Reserve for Debt Service	-	-	-	-
Reserve for Projects	-	-	-	-
Impact Fee Reserve	-	-	-	-
TOTAL APPROPRIATIONS	\$ 27,794	\$ 15,739,785	\$ 36,816	\$ 6,379,204

All Funds Summary
Fiscal Year Ending June 30, 2016

Capital Improvement Funds

	FY 2015/16 City of San Antonio Westside Creeks	FY 2015/16 SARA Wastewater Construction	FY 2015/16 Salatrillo Construction	FY 2015/16 Randolph Renewal and Replacement
Available Funds				
Beginning Balance				
Operating Reserve	\$ -	\$ -	\$ -	\$ -
Unrestricted Reserve	-	-	4,312,712	-
Reserve for Projects	-	1,728,742	254,042	656,519
Impact Fee Reserve	-	874,051	-	-
Reserve for Debt Service	-	-	-	-
Total Beginning Balance	\$ -	\$ 2,602,793	\$ 4,566,754	\$ 656,519
Revenue				
Taxes, Penalties and Interest	\$ -	\$ -	\$ -	\$ -
Intergovernmental	12,945,808	-	-	357,300
Charges for Services	-	-	-	-
Miscellaneous	-	-	-	-
Support Fees	-	-	-	-
Investment Earnings	-	-	-	-
Reimbursements	-	-	-	-
Proceeds from Debt Issuance	-	-	-	-
Impact Fees	-	-	-	-
Transfers	-	2,500,000	800,000	-
Total Revenue	\$ 12,945,808	\$ 2,500,000	\$ 800,000	\$ 357,300
TOTAL AVAILABLE FUNDS	\$ 12,945,808	\$ 5,102,793	\$ 5,366,754	\$ 1,013,819
APPROPRIATIONS				
Personnel Expenditures	\$ -	\$ -	\$ -	\$ -
Operating Expenditures	-	-	-	-
Capital Outlay	-	-	-	-
Capital Improvement Projects	12,945,808	1,836,395	1,054,042	501,927
Debt Service	-	-	-	-
Transfers	-	1,381,395	-	-
TOTAL APPROPRIATIONS	\$ 12,945,808	\$ 3,217,790	\$ 1,054,042	\$ 501,927
Operating Reserve	-	-	-	-
Unrestricted Reserve	-	-	-	-
Reserve for Debt Service	-	-	-	-
Reserve for Projects	-	1,010,952	4,312,712	511,892
Impact Fee Reserve	-	874,051	-	-
TOTAL APPROPRIATIONS	\$ 12,945,808	\$ 5,102,793	\$ 5,366,754	\$ 1,013,819

All Funds Summary Fiscal Year Ending June 30, 2016	Capital Improv Fund
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	FY 2015/16 Salatrillo Reuse Construction
Available Funds	

Beginning Balance	
Operating Reserve	\$ -
Unrestricted Reserve	-
Reserve for Projects	242,602
Impact Fee Reserve	-
Reserve for Debt Service	-
Total Beginning Balance	\$ 242,602
Revenue	
Taxes, Penalties and Interest	\$ -
Intergovernmental	-
Charges for Services	-
Miscellaneous	-
Support Fees	-
Investment Earnings	-
Reimbursements	-
Proceeds from Debt Issuance	-
Impact Fees	-
Transfers	-
Total Revenue	\$ -
TOTAL AVAILABLE FUNDS	\$ 242,602

APPROPRIATIONS

Personnel Expenditures	\$ -
Operating Expenditures	-
Capital Outlay	-
Capital Improvement Projects	-
Debt Service	-
Transfers	242,602

TOTAL APPROPRIATIONS	\$ 242,602
Operating Reserve	-
Unrestricted Reserve	-
Reserve for Debt Service	-
Reserve for Projects	-
Impact Fee Reserve	-
TOTAL APPROPRIATIONS	\$ 242,602

New Resources Included in FY 2015/16 Adopted Budget

Title/Description	Amount	Business Justification/Benefit
<u>Organization Support</u>		
		Currently, SARA has an outside attorney under contract for various services including real estate issues, board support, contract review and drafting and advice on any legal issues. Both from a cost and customer service perspective, it is proposed to hire in-house counsel to address most of these issues. Currently, SARA spends about \$220,000 annually for general counsel on these issues. It is anticipated that outside counsel will still be needed for specific issues and to impart institutional knowledge. However, the cost of the new position would be partially offset in the first year by a reduction in professional services for outside legal counsel. Savings in outside counsel is expected to increase in future years.
Create Staff Attorney position	\$ 186,920	
Reclassify executive support position to Executive Offices Administrator	\$ (64,193)	Restructuring of position's responsibilities
Total	\$ 122,727	
<u>Finance</u>		
		Currently, the only way to access financial information from December 31, 2009 and back is from an outdated software system that is no longer supported or fully active. Only one employee has any experience in this environment. This project would import the historical data into the current financial/human resources software system, making it accessible. SARA has projects that predate the current January 1, 2010 and forward data and we need to be able to effectively access and use that information. Funding is also provided to establish budgetary control in the system, simplify project accounting and create needed new management information reports.
SunGard Professional Services	\$ 75,000	
Total	\$ 75,000	
<u>Facilities</u>		
Organization-wide use	\$ 10,000	Replacement chairs and other furniture as needed
Boardroom	\$ 20,000	Replacement tables for boardroom as well as other improvements (may include revising bookshelves)
Organization-wide use	\$ 2,000	Stacking chairs; tables
Total	\$ 32,000	

New Resources Included in FY 2015/16 Adopted Budget

Title/Description	Amount	Business Justification/Benefit
<i>Intergovernmental and Community Relations</i>		
Agricultural Waste Collection Event	\$ 75,000	The southern basin household hazardous waste events are very successful; however, agricultural waste products are not accepted. This request is intended to fill a need by providing agriculture producers a safe location to dispose of chemicals, fertilizers and other items associated with agriculture production. Additionally, there is a bill being considered this session to create a state fund to support the proper disposal of agricultural chemicals. SARA may be able to be one of the first in the state to hold such an event with our own funds and that would likely put us near the top of the list to leverage the state funds for the activity if the bill passes.
Natural Resources Conservation Service (NRCS) grant cash match	\$ 25,000	NRCS projects targeted in our watershed; provides matching funding
Total	\$ 100,000	
<i>Information Technology</i>		
Assessment of printers and copiers	\$ -	Staff will assess - organization wide - printers and copiers currently in use to identify possible efficiencies as well as improvements to service. This will include all printers, costs for toner, copier lease costs, locations of equipment, and redundancies that may exist. New equipment may be purchased/leased but would be offset by savings in toner and other supplies for existing printers.
Asset management software for use organization wide	\$ 250,000	Would provide SARA with the ability to track and manage assets, issue work orders, track costs associated with repair and maintenance of assets
Improvements to Clarity software	\$ 15,000	Implement enhancements to Clarity to continue to improve its ability to support effective project management
Replace agenda management software	\$ 103,000	The current agenda management software has advantages - ability to route documents - and disadvantages - difficult to format and edit documents. Staff is evaluating other software and/or improvements to the existing software to improve the agenda management process.
Network logging software	\$ 26,500	This centralized network logging provides IT with the ability to track all network activity and errors throughout SARA including all remote sites. It facilitates tracking network errors from one common place. Without it, staff has to individually and physically check routers and switches for network problems. This software reduces staff time for travel and increases "up time" for equipment.

New Resources Included in FY 2015/16 Adopted Budget

Title/Description	Amount	Business Justification/Benefit
<i>Information Technology (continued)</i>		
Microsoft Office 365 licenses	\$ 9,300	SARA needs additional licenses to meet the current demand for Microsoft Office. Office 365 is Microsoft's new approach to licensing and offers some additional products. This initial purchase of licenses provides the opportunity to "test the water" with this new licensing approach.
GIS software and services	\$ 25,000	Provides funding for outside GIS resources on an as-needed basis to support current SARA projects and programs.
Rough book for ESD	\$ 1,852	Replacement equipment and software. Current equipment will not support new software needs
Tablets and ipads for business needs identified throughout the year	\$ 12,610	Funding is provided to purchase tablets and/or ipads when a business need is identified and justified during the fiscal year
Rackspace Server Space	\$ 10,000	To provide outside hosting for the Floodworks program (used in the emergency operations center) for disaster recovery
Total	\$ 453,262	
<i>Environmental Sciences - Planning and Administration</i>		
Two Interns	\$ 37,849	Interns including the AFS Michael Gonzales Internship Program. Interns provide additional staff for field crews and the lab during the portion of the year that SARA
Water Quality Scientist - part time	\$ 28,200	Part time position provides year-round support for field collection work
Create Senior Stormwater Supervisor position	\$ 135,635	Provides leadership/supervisory position for stormwater program and new unit
Lab Assessment Consultants	\$ 15,000	Mock assessment for entire laboratory. Include new parameters: Metals in Solid and Chemical Materials, Fecal Coliform for Solid and Chemicals Materials. Needed as the lab seeks additional certifications
Indefinite Delivery/Indefinite Quantity (IDIQ) for biological and sampling	\$ 11,000	IDIQ to supplement field/lab staff
Flash Camera	\$ 7,000	To place camera at additional site to monitor dumping and illegal activities
Total	\$ 234,684	
<i>Watershed Engineering</i>		
Make part time Engineer position full time	\$ 52,902	Provides additional staffing resources in Engineering as positions move to Stormwater
Reclassify Engineering Technician to Stormwater Analyst	\$ 24,695	Supports Stormwater program and works in new unit

New Resources Included in FY 2015/16 Adopted Budget

Title/Description	Amount	Business Justification/Benefit
<i>Watershed and Parks Operations</i>		
Canopy over Lock and Dam	\$ 40,000	Shade structure for public
Trailer (for Dingo)	\$ 5,000	Equipment heavily used; improves ability to transport
Total	\$ 45,000	
TOTAL-GENERAL FUND \$ 1,140,270		

<i>SARA and Salatrillo Wastewater</i>		
CCTV Van	\$ 250,000	CCTV Van to send camera through pipes to check for problems - funded 1/2 from SARA Wastewater and 1/2 from Salatrillo; could consider lease/purchase
BL Sweeper - cleaning heads	12,000	Sewer cleaning equipment - funded 1/2 from SARA Wastewater and 1/2 from Salatrillo
Submersible pumps	3,200	For use on sewer repairs - funded 1/2 from SARA Wastewater and 1/2 from Salatrillo
83' by 24' trailer	7,000	Will use to haul mowers - funded 1/2 from SARA Wastewater and 1/2 from Salatrillo
Snap on scanner	5,400	Vehicle trouble shooting equipment - funded 1/2 from SARA Wastewater and 1/2 from Salatrillo
Freightliner - pump and haul truck	110,000	Pump and haul truck to be used as needed - funded 1/2 from SARA Wastewater and 1/2 from Salatrillo
6000 Tanker	50,000	Trailer for pump and haul - funded 1/2 from SARA Wastewater and 1/2 from Salatrillo
Flow meter	4,000	Meter flows at plant for SARA Wastewater
Replacement vehicle (#508) with Chevy 4x4	27,000	Crewcab for SARA Wastewater
Repairs to Upper Martinez building	25,000	SARA Wastewater
Improve south road (M2) and pave the yard	180,000	Funded 1/2 from SARA Wastewater and 1/2 from Salatrillo
Mixing structure at Martinez II	130,000	To improve mixing in structure - SARA Wastewater
Box blade	7,500	Will be used for dirt and gravel work - SARA Wastewater
Replacement computers	10,600	Eight replacement computers for those that have passed their useful life - SARA Wastewater
Sampler	6,500	Equipment is able to take a sample automatically at the ti
New backflow preventer	8,300	For Salatrillo
Replacement computers	5,400	Four replacement computers for those that have passed their useful life - Salatrillo
Total	\$ 841,900	

**Projects Receiving General Fund Funding in FY 2015/16 Adopted Budget
Listed by Program**

Project	FY 2015/16 Budget Amount
<u>Natural Resource Protection Program</u>	
USGS Westside Creek Sediment Study	7,000
USGS-Huisache Brush Management	15,000
Urban Reach E coli Monitoring	28,000
Holistic Freshwater Mussel Project	28,700
Clean Rivers Program 2015	64,000
Automated Stormwater Data Collection Project	70,000
Bacterial Source Tracking	148,500
Feral Hog Management	100,000
USGS Oil and Gas Production Constituents Phase II	154,600
Water Quality Data Analytics	200,000
	\$ 815,800
<u>Nature Based Park Program</u>	
Trueheart Park	10,000
Nature Park Signage Development	50,000
Mission Reach Avian Study	55,000
Westside Creek San Pedro Creek	20,000
County Road (CR) 125 Site Development	125,000
Helton San Antonio River Nature Park	400,000
	\$ 660,000
<u>Sustainable Watersheds Implementation Program</u>	
2015 Unified Development Code (UDC) Amendments	17,000
Stormwater Training and Tools	125,000
School Green Infrastructure Grant	100,000
Olmos Creek Aquatic Ecosystem Restoration	15,000
Guenther/Euclid Stormwater Retrofit	150,000
Bexar Regional Watershed Management Stream Mitigation Bank	260,000
Edwards Aquifer Watershed Protection	15,000
Stormwater Best Management Practices Rebate Program	350,000
Trash and Floatables Mitigation	773,525
	\$ 1,805,525
<u>Watershed Modeling, Studies, and Planning Program</u>	
San Antonio Bay EDYS Model Development	189,000
UTSA Sediment Source Mobility	55,000
Environmental Monitoring System	85,000
Conservation Innovation Grant	3,000
USGS-Lower SA River Groundwater/Surface Water Interaction Modeling	87,000
Resource Conservation Partnership Program	200,000
	\$ 619,000
<u>Watershed Safety and Response Program</u>	
FloodWorks Website Enhancement	25,000
Cooperating Technical Partners (CTP) Development	50,000
Dam Operations Center	500,000
Integrated Catchment Modeling System Pilot	125,000
	\$ 700,000
GRAND TOTAL	\$ 4,600,325

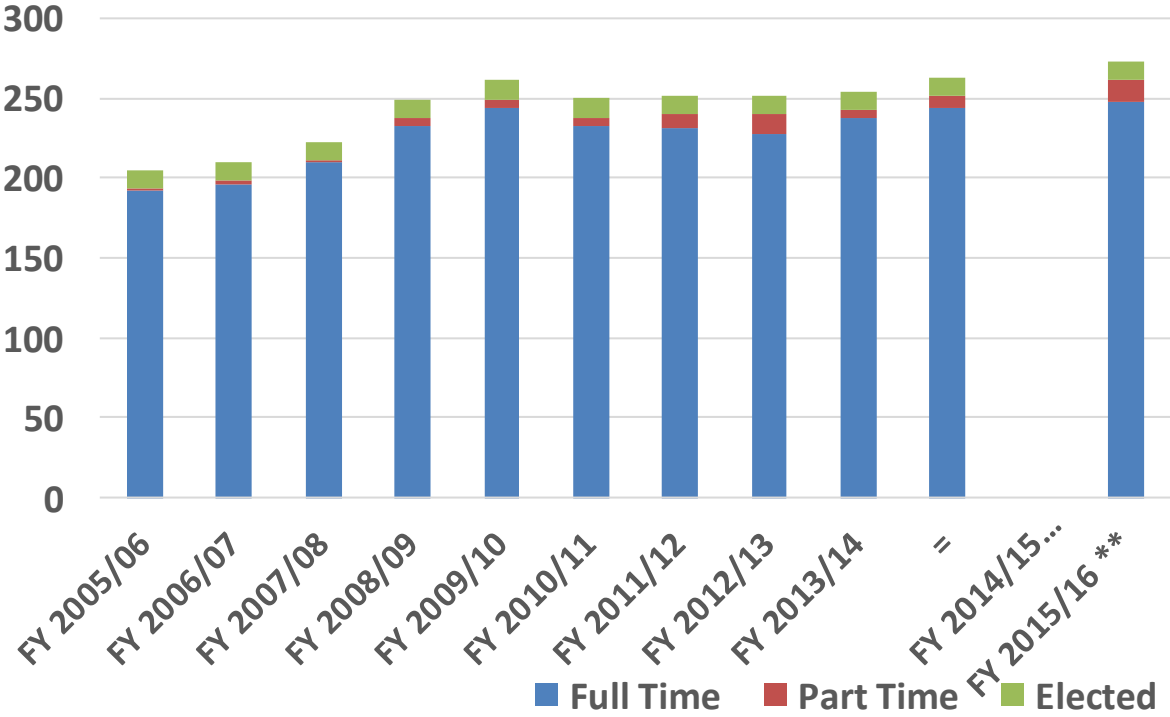


SAN ANTONIO

RIVER AUTHORITY

Leaders in Watershed Solutions

Authorized Positions History



Authorized Positions	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
<i>General Fund</i>			
Board of Directors (elected officials)	12	12	12
Organizational Support	9	9	10
Facilities	3.5	4.5	6.5
Finance	12	12	14
Human Resources	6	6	6
Information Technology and GIS	11	11	12
Intergovernmental and Community Relations	15	15	15
Environmental Sciences	27	30	36
Real Estate	4	4	4
Watershed Engineering	27.5	30	29
Watershed and Parks Operations	63	65	64
<i>Total General Fund</i>	<i>190</i>	<i>199</i>	<i>209</i>
 <i>Utilities</i>	 52.5	 52.5	 52.5
 <i>Total Positions</i>	 <i>242.5</i>	 <i>251.0</i>	 <i>261.0</i>
 Full Time	 226	 232	 235
Part Time	5	7	14
Elected Officials	12	12	12
<i>Total Positions</i>	<i>242.5</i>	<i>251.0</i>	<i>261.0</i>

REVENUES



SAN ANTONIO

RIVER AUTHORITY

Leaders in Watershed Solutions

San Antonio River Authority Revenues

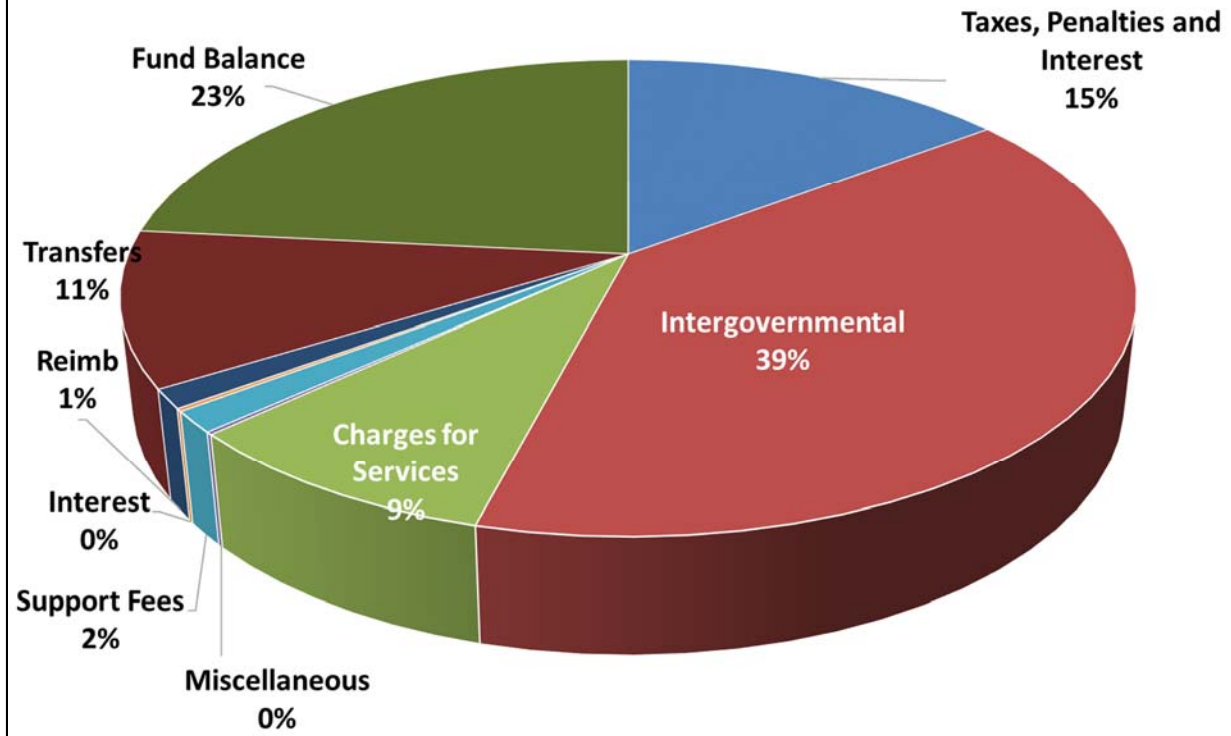
Overview

The Fiscal Year (FY) 2015/16 Adopted Budget for the San Antonio River Authority (SARA) includes total available funds of \$159,592,097 across all funds with \$122,288,914 in revenue accounted for in various categories and \$37,303,183 in carry forward fund balances and reserves. Total revenues increase \$735,945 or 6 percent in comparison to the FY 2014/15 Amended Budget. Described below are all revenues by fund and major category.

Developing the annual budget is a multiple month process where the SARA staff performs analysis of the current level of service and activities taking place, identifies strategic opportunities, and makes projections for what is expected to occur in the next fiscal year. Revenues are a key component of this process. Staff evaluates current revenues, trends from prior fiscal year and factors in changes that will impact revenues in the budget year to determine the budgeted revenue levels. SARA has three main sources of revenue –property taxes, all of which come to the General Fund; intergovernmental revenue which includes payments from other public entities for work performed by SARA, particularly on capital improvement projects; and charges for services which comes mainly from utility wastewater and water services. Of the total Adopted Budget Available Funds (which includes reserves and fund balances and is shown on the graph below), 54 percent of the \$159.6 million comes from property tax collections (\$23.4 million) and intergovernmental revenues (\$ 62.8 million). Given the importance of these revenue sources, staff focuses on projecting tax revenue which is based on taxable property valuations across the four counties that SARA serves (Bexar, Wilson, Karnes and Goliad). In addition, evaluating the status of current and anticipated projects and studies assists in determining the level of funding that is expected from key funding partners in the form of intergovernmental revenue. Intergovernmental Revenue consists of monies obtained from other governments and can include grants, shared flood control taxes, loans, and advances. At 39 percent, this category of revenue makes up the largest portion of the SARA's \$159.6 million Adopted Budget Revenues. As compared with the FY 2014/15 Amended Budget, Intergovernmental Revenues have increased \$898,236 or 1 percent to \$62,818,304 for FY 2015/16.

Additional detail for the various categories of revenue by type and/or fund that contributed to the final budgeted revenues is available throughout the rest of this revenue narrative.

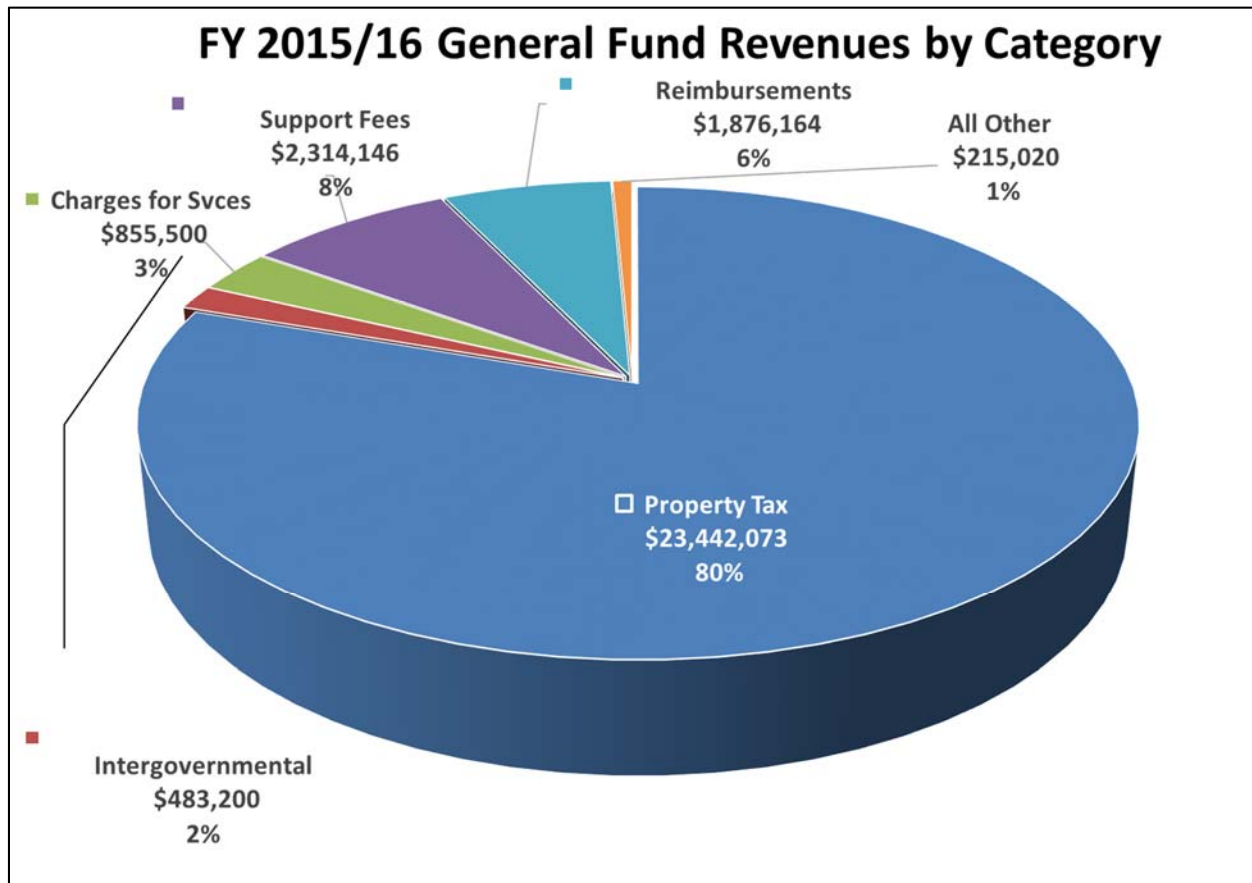
FY 2015/16 Total Available Funds



Taxes, Penalties and Interest	\$ 23,442,073
Intergovernmental	\$ 62,818,304
Charges for Services	\$ 14,336,190
Miscellaneous	\$ 279,000
Support Fees	\$ 2,314,146
Investment Income	\$ 314,828
Reimbursements	\$ 2,066,164
Transfers	\$ 16,718,209
Fund Balance	\$ 37,303,183
Total Available Funds	\$ 159,592,097

General Fund

The Fiscal Year (FY) 2015/16 Adopted Budget for the General Fund includes total revenues of \$29,186,103. This represents an increase of \$1,412,680 or 5 percent in comparison to the FY 2015/16 Amended Budget. Of the total revenue amount, \$23,442,073 or 80.3 percent comes from property taxes, \$2,314,146 or 7.9 percent from support fees paid by the utilities for services provided by General Fund staff (human resources, finance, facilities, Intergovernmental and Community Relations, etc.), \$1,876,164 or 6.4 percent from reimbursements for labor provided by staff in support of capital improvement projects and grants, and \$855,500 or 2.9 percent from charges for services such as laboratory fees.



Taxes, Penalties and Interest	\$ 23,442,073
Intergovernmental Revenue	\$ 483,200
Charges for Services	\$ 855,500
Support Fees	\$ 2,314,146
Reimbursements	\$ 1,876,164
All Other	\$ 215,020
Total Revenue	\$ 29,186,103

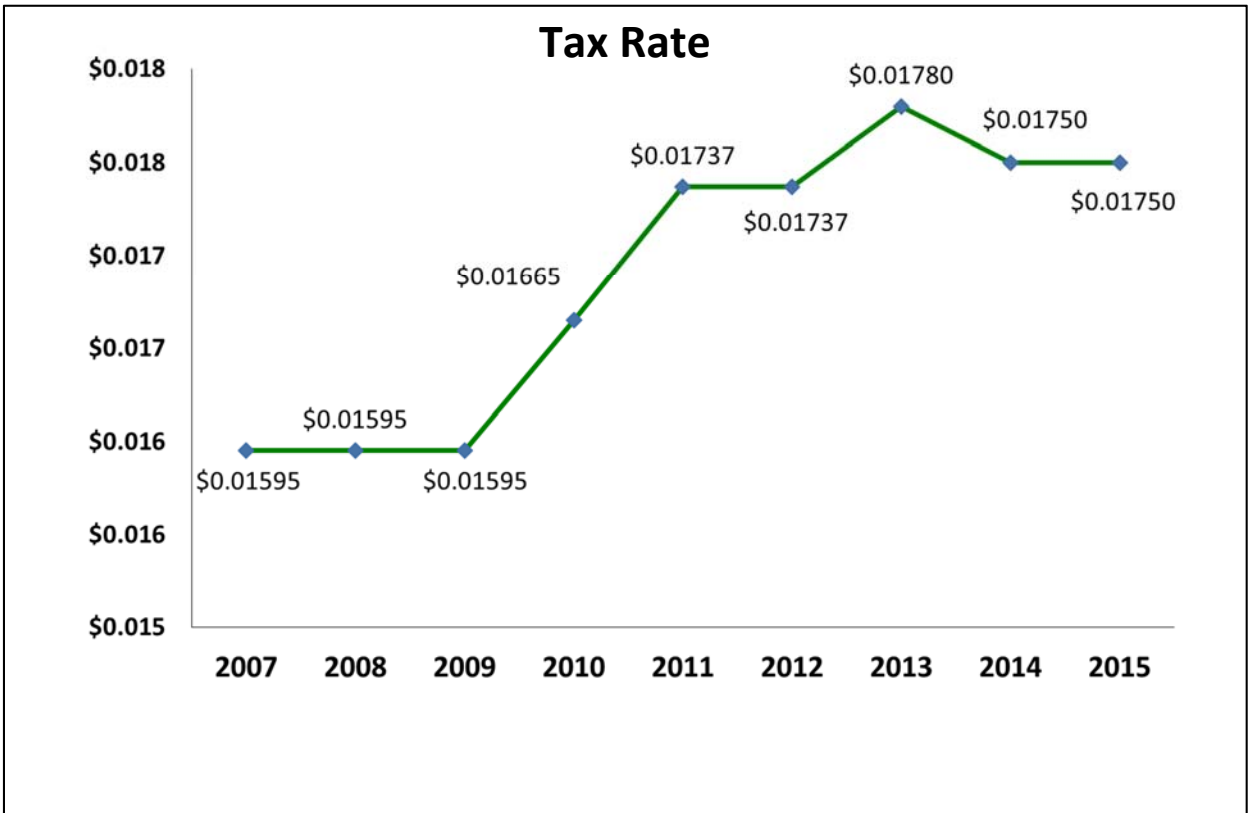
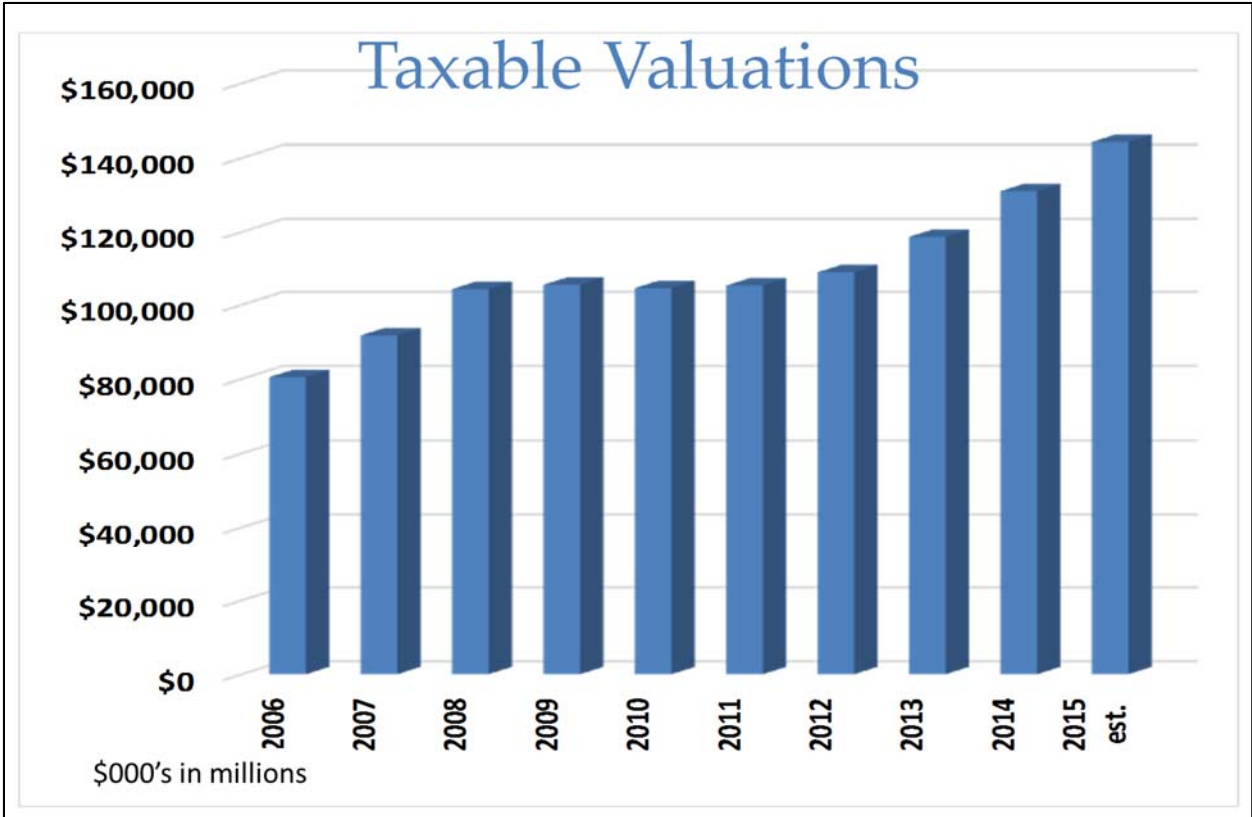
Taxes, Penalties and Interest

As demonstrated by the graph above, property tax revenue is without question the most significant revenue source into the General Fund which support the day to day operating activities of the SARA. The FY 2015/16 Adopted Budget includes property tax revenue of \$23,442,073, an increase of \$1,092,438 or 5 percent as compared to FY 2014/15 Amended Budget. This increase is driven entirely by estimated changes in property values as the budget is based on the current tax rate of 1.75 cents per \$100 of valuation.

No change in the tax rate is included in the adopted budget. Property value changes are projected to vary by county with three counties showing an increase in value: Bexar County values have been estimated by the Bexar Appraisal District to increase between 12 and 13 percent. The Adopted Budget includes increased values of 7 percent for Bexar County, Wilson County by 4 percent, and Goliad County by 4 percent. Karnes County, because of volatile oil prices, is expected to see a decline in overall property values, by an estimated 14.5 percent which is included in the Adopted Budget. It is important to note that even with this decrease, Karnes County property values are still significantly greater than values of five years ago – by more than fifteen times. SARA adopts the budget in June of every year. Because certified property values are received from the appraisal districts in late July of each year, the adopted budget revenues are based on estimated increases in values. Once final values are received and the tax rate is set in September, the property tax revenue may be adjusted to reflect the actual values and adopted tax rate.

The FY 2015/16 Adopted Budget also changed the approach to budgeted property tax revenue. Prior to FY 2015/16, the gross revenue from property tax was budgeted and an accompanying expenditure was budgeted for the amount paid to the Tax Assessor Collectors' Offices for collection services. Since SARA actually receives revenues net of the payment to the tax assessor collectors, the FY 2015/16 Adopted Budget property tax revenue now reflects the net payment in the budgeted revenue and no expenditure is budgeted for the collection services. This served to reduce the amount shown in the budgeted revenue for property tax.

The graphs below show the history of total property values across all four counties served by SARA as well as the tax rates for the same time period.



Intergovernmental Revenue

Intergovernmental Revenue for the General Fund totals \$483,200 and increases significantly as compared to the FY 2014/15 Amended Budget. The key factors that result in this increase are the addition of revenues from the Karnes County operating agreement that were previously collected in a fund that was closed at the end of FY 2014/15. SARA operates and maintains seventeen flood retardant structures for Karnes County. In addition, revenue from the repayment of loans to various SARA partners that total approximately \$310,000 are also included in Intergovernmental Revenue.

Charges for Services

SARA performs various services for which they charge. For FY 2015/16, total budgeted revenue in Charges for Services is \$855,500. 64 percent or \$545,370 of the revenue in this category of revenue comes from fees for lab services provided (\$263,255) and water sales (\$282,115). Revenues for services are projected to increase \$76,734 or 9.8 percent from the FY 2014/15 Amended Budget, factoring in actual revenue activity and modest growth for FY 2015/16.

Support Fees

Support Fees are fees charged to the utility enterprise operations (wastewater and water) for the use of centralized services provided by General Fund supported staff. The functions that contribute to the calculation of the annual support fee include but are not limited to: Human Resources, Finance, Facilities, Intergovernmental and Community Relations (IGCR), Information Technology, and executive support. The total support fee charge is distributed across all the utility functions including agreements in place with other customers of the utility enterprise. For FY 2015/16, there is a slight decrease in the support fees in comparison to the FY 2014/15 Amended Budget. For FY 2015/16, SARA changed the methodology for calculating the utilities' contribution to General Fund services from one based on utility revenues to an expenditure, cost based approach. This impacted the contribution amount and is the reason for the slight decrease.

Reimbursement

Reimbursements to the General Fund consist of revenue from third party funding partners to cover SARA's expenses for contract administration and labor provided by staff in support of capital improvement projects and grants. Although it only makes up six percent of total revenues to the General Fund, reimbursements are a key revenue component that enables SARA to leverage outside funding to further the agency mission. Through the analysis of current and future projects, SARA staff uses historical information and project work schedules to establish the number of expected labor hours by work classification needed to complete the work plan and that will be reimbursed. The reimbursement amount includes both direct labor costs (salary and benefits) as well as support services costs such as finance, information technology and human resources to account for the full SARA expense. The support services are captured through a "multiplier" that adds a percentage to the direct costs. For budget purposes, the total reimbursement figure across all projects has been factored to account for any delays or unanticipated changes that may impact the collection of reimbursement revenue. For FY 2015/16, the budgeted amount for reimbursement revenue is \$1,876,164, an increase of \$133,423 or 7.7 percent in comparison to the FY 2014/15 Amended Budget.

Utility Funds

Randolph Air Force Base Fund

The Randolph Air Force Base (RAFB) Operating System Fund accounts for activity related to the San Antonio River Authority's responsibilities for the RAFB Wastewater Collection System which provides service to customers of the Randolph Air Force Base installation adjacent to Universal City in Bexar County. The Utilities Department operates and maintains the SARA-owned collection system in the Randolph Air Force Base installation as well as completing projects annually that improve the system. Randolph Air Force Base reimburses SARA for all costs related to providing these services. This reimbursement accounts for all revenues into this fund. Annual revenues remain fairly constant year over year. For FY 2015/16, the budgeted revenues from RAFB to operate the wastewater system are \$342,360.

Salatrillo Operating Fund

The Salatrillo Operating Fund accounts for all activity associated with operating and maintaining the Salatrillo Wastewater Treatment System. This includes wholesale, retail and reuse water services. Prior to FY 2015/16, only the wholesale services were accounted for in this fund. In FY 2015/16, three funds have been consolidated to reflect the full cost of the system. One result of the fund consolidation is an increase in budgeted revenues of \$948,040 from charges for service, intergovernmental revenue and transfer activity. For FY 2015/16, total revenues are budgeted at \$3,887,864 for all wholesale, retail and reuse water services generated by the Salatrillo Wastewater System. Of this amount, \$3,043,626 is from Charges for Services, \$635,338 is Transfers from other funds, including remaining funding from the two funds that are closing and \$108,900 from Intergovernmental Revenue.

San Antonio River Authority Wastewater Systems Operating Fund

The San Antonio River Authority (SARA) Wastewater Systems Operating Fund accounts for activity associated with the SARA wastewater system. This system has several plants as well as a transportation system, all of which are operated and maintained by Utility Department staff. The plants include: the Upper Martinez Wastewater System, the Martinez II Wastewater System, the Martinez III Wastewater System, Graytown Road, Woodlake Reuse, and the Highway 181 Wastewater System. These systems primarily serve residents and the business community located within portions of eastern/northeast Bexar County. In FY 2015/16, wastewater system related functions previously accounted for in a separate fund and provided through contracts with other public entities have been consolidated into the SARA Wastewater Systems Operating Fund. Revenue from these activities, therefore, also comes into this fund in FY 2015/16. These agreements represent a little more than \$500,000 in revenue.

For FY 2015/16, revenues for the SARA Wastewater System, to include new revenue generated from the various operating agreements, is budgeted at \$8,211,334. Of this amount, \$7,119,572 is charges for utility services, \$688,500 is Intergovernmental Revenue (including the contractual services revenue described above), \$150,000 in reimbursements from other wastewater and water utility funds and services and \$213,262 in Transfers including funds from other utility funds that are closing.

San Antonio River Authority Water System Operating Fund

The San Antonio River Authority (SARA) Water Systems Fund accounts for the activity related to operation and maintenance of two water treatment systems: Seven Oaks and Creekwood where the Utilities Department provides water services to residential and business customers.

A sale of the SARA Water System is pending; however, the timing of the sale has not been finalized. Therefore, the FY 2015/16 Budget has budgeted revenues representing full year operation for the system. In addition, it anticipates the revenues that will be generated from the sale of the system which accounts for the significant increase in projected revenue from FY 2014/15 to FY 2015/16. The timing of the sale will impact the amount of revenue generated by this fund, so the full amount of operating and sale revenue has been budgeted to provide maximum flexibility.

For FY 2015/16, revenues for the SARA Water Fund are budgeted at \$650,000. This includes \$200,000 in revenue from water services and \$450,000 for the sale of the system.

Special Revenue Funds

Edwards Water Acquisition/RWRDG Fund

The Regional Water Resource Development Group works to collectively purchase Edwards Aquifer water for the area. Revenue comes from water lease payments from entities that are using the water rights as well as from the Edwards Aquifer Authority. These revenues are used to cover the costs associated with the administration of this water rights program. Revenues are expected to decrease in comparison to the FY 2014/15 estimate mainly as a result of the termination of a cooperative agreement previously in place with the Edwards Aquifer Authority. For FY 2015/16, this fund is estimated to generate \$51,200 in total revenue and will rely on carry forward fund balance to cover all anticipated operating expenditures.

Grants Fund

The San Antonio River Authority (SARA) continually looks for grant opportunities that can provide funding for needed programs and projects that help further the mission of SARA. SARA has received local, state and federal grant funding from various sources including Federal Emergency Management Agency (FEMA), the National Resource Conservation Service, the National Park Service, Texas Department of Transportation (TxDOT), the Clean Rivers Program (Texas Commission on Environmental Quality), Bexar County, the San Antonio Housing Authority, VIA Metropolitan Transportation and other agencies. This year's annual budget figure is significantly higher than the previous year due to some significant grants as well as a combination of several funds into this Grants Fund. In prior years, grants were accounted for in five funds, reflecting the source of funding – state, local, federal and Texas Clean Rivers Program. For FY 2015/16, all grant funded projects are centralized into one operating fund, this Grants Fund. In addition, SARA has recently received significant grant funding for dam rehabilitations. For FY 2015/16, the Grants Fund revenues are budgeted at \$13,545,536 for 21 identified grant funded projects.

Medina Dam Fund

The San Antonio River Authority (SARA) began the Median Dam Improvement Project in 2010, providing management and construction administration services for the project on behalf of Bexar-Medina-Atascosa Counties Water Control and Improvement District No.1, the Texas Water Development Board and Bexar County. The improvements were completed in 2012. This fund remains active due to pending litigation related to this project. All revenue for this fund will come in as Intergovernmental Revenue as a result of incurred litigation expense by SARA. For FY 2015/16, revenues into this fund are projected to be \$50,000.

Park Resources Development Fund

The Park Resources Development Fund accounts for revenues received from the sale of land and revenues from leases, license agreements and easements, unless otherwise dedicated to other funds. The funds can only be used for land acquisition and/or the development of a new project included in the San Antonio River Authority's River Basin Plan for Nature Based Park Resources or subsequent regional parks and recreation plan. There has been a steady decline in revenues for this fund as a result of a reduction in leasing and licensing activity. For FY 2015/16, revenues are projected at \$20,140.

Regional Water Alliance Fund

The Regional Water Alliance Fund is used to promote and facilitate the sharing of ideas, knowledge, experience and resources of twenty-one water purveyors and regional water entities that have joined together to form the Regional Water Alliance. Revenue comes from annual membership dues paid by the respective members. Annual revenues are projected to remain at a constant level of \$4,210 for FY 2015/16.

San Antonio Construction and Improvements Project Land Sales Fund

The San Antonio River Authority (SARA) entered into an amendatory contract with Bexar County in 1999 to work in partnership to complete needed flood control capital improvement projects. Through these projects, SARA receives funds related to land use. In anticipation of the continuing existing license and rental agreements, revenues should remain at a constant level. For FY 2015/16 revenues are budgeted at \$47,100.

San Antonio River Authority Public Facilities Corporation Fund

The San Antonio River Authority (SARA) Public Facilities Corporation is a nonprofit corporation that acts on behalf of SARA. The Public Facilities Corporation has statutory authority beyond the scope of SARA itself. The Public Facilities Corporation worked with SARA to issue debt to fund the construction of a new watershed and parks operation facility – the Mission Reach Operations Center. The Public Facilities Corporation funded and owns the facility and SARA pays an annual lease for use of the building. Revenues to the Public Facilities Corporation for the lease payments come in the form of a transfer from the General Fund operating budget. For FY 2015/16, the budgeted revenue is \$182,238 an amount equal to the annual debt service requirement.

San Antonio River Authority Industrial Development Authority Fund

The San Antonio River Industrial Development Authority is a separate organization with its own corporate board. The organization works in support of the San Antonio River Authority. Its only expected revenue for FY 2015/16 is \$20 in investment income.

South Texas Regional Water Planning Group Fund

The South Texas Regional Water Planning Group Fund is managed by the San Antonio River Authority on behalf of participants in the South Central Texas Regional Water Planning Group (Region L) and Texas Water Development Board (per Senate Bill 1 (1997)). Revenues are received from the Texas Water Development Board and the participants in Region L. Funds are used for consulting services and general administrative costs associated with developing the five year water plan. For FY 2015/16, revenues to support this program are budgeted at \$127,534, a significant decrease from FY 2014/15. This occurs because expenditures in this fund are reduced as the five year water plan activity completes.

Texas Water Development Board Fund

The Texas Water Development Board (TWDB) Fund accounts for projects that are funded through a loan received by the San Antonio River Authority (SARA) from the TWDB. SARA draws payments from the TWDB as work is completed on authorized projects. For FY 2015/16, SARA anticipates utilizing funds currently held in reserve to proceed on additional project work. No new revenues are budgeted for this fund.

Capital Project Funds

San Antonio River Authority Project Fund

The San Antonio River Authority (SARA) conducts studies and completes projects that further the mission of the organization. The main source of funding for these studies and projects is the General Fund. For FY 2015/16, 35 projects and studies are included in this fund and fall into five categories – Natural Resource Protection, Nature Based Parks, Sustainable Watersheds Implementation, Watershed Modeling, Studies and Planning and Watershed Safety and Response. \$4,600,325 is budgeted for projects.

This new fund also now includes the Unrestricted Reserve established by the Board of Directors in the adopted revised fund balance policy at budgeted at \$5,585,700 for FY 2015/16. This reserve can be used for any purpose including acquisition of facilities, water, water rights or other activities approved by the Board.

In total, revenues for FY 2015/16 for the SARA Project Fund are \$10,186,025. This revenue comes entirely from a transfer from the General Fund.

San Antonio River Authority Capital Projects Fund – Partner Funded

The San Antonio River Authority (SARA) has various funding partners that help contribute to projects and other initiatives that make up the total annual budget. Two of the larger funding partners for SARA are Bexar County and the City of San Antonio. The other three counties served by SARA – Karnes, Wilson and Goliad (Downstream Counties) – also make some contributions for projects in these areas. SARA will maintain seven funds that account for Bexar County and City of San Antonio revenues equaling \$27,464,628 and \$16,490,442 respectively. For FY 2015/16, revenues budgeted for Bexar County and City of San Antonio operating funds total to \$43,955,070. The Downstream Counties will contribute \$36,816. The acquisition of real estate needed for the Escondido Creek Parkway is the only active project for the Downstream Counties. Activity has tapered off for FY 2015/16, reflected in the lower revenue amount.

The funds that are used to account for the revenue from SARA partners for capital improvement projects are listed below.

Bexar County Funds

- Bexar County Capital Improvements Projects Fund
- Bexar County Capital Projects Fund
- Bexar County Flood Tax Fund
- Bexar County Westside Creeks Restoration Projects Fund

City of San Antonio Funds

- City of San Antonio Capital Improvements Projects 1999 Fund
- City of San Antonio Capital Improvements Project Fund
- City of San Antonio Westside Creeks Restoration Projects Fund

Downstream Capital Improvements Projects Fund

Utility Funded Capital Improvement Project Funds

The San Antonio River Authority (SARA) reflects capital improvement revenue in three utility funds for FY 2015/16. Revenue in these funds comes from transfers from the associated SARA Wastewater (\$2,500,000) and Salatrillo Wastewater (\$800,000) operating funds as well as Intergovernmental Revenue from the Randolph Air Force Base utility operating agreement (\$357,300). These revenues held in construction and improvement funds support any and all construction, replacement or renewal of plant resources across utility enterprises that SARA operates. For FY 2015/16, the total revenues into the three active utility construction and improvement funds totals to \$3,657,300 with \$3,300,000 or 90 percent from utility operating fund transfers.

Other Funds

Debt Service Fund

The San Antonio River Authority (SARA) issues debt to fund needed capital improvement projects including flood control structures and wastewater treatment plant and collection system improvements. In addition, the San Antonio River Authority Public Facilities Corporation issued debt for the construction of a maintenance facility for the Watershed and Parks Operations staff. SARA has also issued debt on behalf of partner agencies to fund improvements to their wastewater and reuse systems that benefit the San Antonio watershed.

For FY 2015/16, revenues in the Debt Service Fund are budgeted at \$5,096,411. The sources of revenue include the General Fund (\$465,198) and Utility Funds (\$1,167,375) by way of transfers in to the Debt Service Fund. Additionally, a major source of revenue comes from payments from multiple partners where SARA issued debt on their behalf and the partners provides funding to pay the full annual debt service. Bexar County, through the flood control tax, will contribute \$2,977,581 in FY 2015/16 and Alamo Community Colleges and Universal City will contribute \$457,420. These revenues of \$3,435,001 account for 67 percent of the budgeted revenues. The fund also generates some interest income (\$15,214). In FY 2015/16, the Flood Control Tax Fund

is closing and the remaining funds (estimated at \$13,623) will be transferred to the Debt Service Fund.

Insurance Fund

The San Antonio River Authority (SARA) provides medical, dental, vision and other “cafeteria plan” benefits to its employees. The medical, dental and vision programs are managed through a self-insurance program.

The Insurance Fund has two primary sources of revenue for FY 2015/16. Premiums paid by SARA, as an organization contribution, as well as premium payments from employees support the annual operation of this fund. Premium payments are budgeted at \$2,417,654 for FY 2015/16. In addition, for this fiscal year there is a budgeted transfer of \$600,000 into the fund from the General Fund to help account for additional, unexpected costs that occurred in FY 2014/15 that have significantly impacted the fund. Miscellaneous revenue (\$24,000) and interest earnings (\$10,000) account for the remainder of the budgeted revenue. For FY 2015/16, the total budgeted revenues for the Insurance Fund are \$3,051,654.

	FY 2013/14 Actual	FY 2014/15 Amended Budget	FY 2014/15 Estimate	FY 2015/16 Budget
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01 GENERAL FUND

Property Taxes

4101 Property Taxes - Bexar County	\$ 18,507,598	\$ 19,415,262	\$ 19,541,176	\$ 20,428,150
4102 Property Taxes - Karnes County	1,252,178	1,512,019	1,874,112	1,570,319
4103 Property Taxes - Goliad County	157,043	159,894	193,139	196,848
4104 Property Taxes - Wilson County	449,193	488,183	462,921	471,809
4111 Delinquent Taxes	844,939	774,277	774,840	805,834
4122 TIRZ	(26,727)	-	(28,865)	(30,886)
<i>Subtotal - Property Taxes</i>	<i>\$ 21,184,224</i>	<i>\$ 22,349,635</i>	<i>\$ 22,817,323</i>	<i>\$ 23,442,073</i>

Investment Earnings

4201 Investment Earnings	131,357	35,000	34,000	35,020
<i>Subtotal - Investment Earnings</i>	<i>\$ 131,357</i>	<i>\$ 35,000</i>	<i>\$ 34,000</i>	<i>\$ 35,020</i>

Intergovernmental Revenue

4250 Intergovernmental Revenue	150,208	64,800	379,805	475,000
4270 Sponsorships	48,500	0	8,200	8,200
<i>Subtotal - Intergovernmental Revenue</i>	<i>\$ 198,708</i>	<i>\$ 64,800</i>	<i>\$ 388,005</i>	<i>\$ 483,200</i>

Charges for Services

4411 Lab Samples	221,840	220,000	258,600	263,255
4414 Equipment Usage Reimbursement	139,369	45,525	53,170	53,170
4421 Administrative Fee	105,100	100,000	90,000	100,000
4425 Rentals/Leases	55,094	81,906	73,484	75,000
4426 Parks Usage Fees	8,325	12,300	16,800	17,000
4432 Water Sales	273,642	258,075	290,588	282,115
4465 Sale of Hay	17,036	15,000	8,600	9,000
4467 Sale of Fixed Assets	346,761	10,000	16,000	20,000
4493 San Antonio River Foundation	35,960	35,960	35,960	35,960
<i>Subtotal - Charges for Services</i>	<i>\$ 1,203,127</i>	<i>\$ 778,766</i>	<i>\$ 843,202</i>	<i>\$ 855,500</i>

Miscellaneous

4511 Miscellaneous	144,016	150,250	154,000	155,000
4512 ICMA Retirement	100	25,000	24,088	25,000
4521 Sponsored Events	65,400	15,000	-	-
<i>Subtotal - Miscellaneous</i>	<i>\$ 211,031</i>	<i>\$ 191,250</i>	<i>\$ 178,838</i>	<i>\$ 180,000</i>

Support Fees

4701 SARA Wastewater Systems	2,162,986	2,186,055	2,186,055	2,314,146
4704 SARA Water System	59,821	48,952	48,952	-
<i>Subtotal - Support Fees</i>	<i>\$ 2,222,807</i>	<i>\$ 2,235,007</i>	<i>\$ 2,235,007</i>	<i>\$ 2,314,146</i>

Reimbursements

4801 Reimbursements	2,174,545	1,742,741	1,725,000	1,876,164
<i>Subtotal - Reimbursements</i>	<i>\$ 2,174,545</i>	<i>\$ 1,742,741</i>	<i>\$ 1,725,000</i>	<i>\$ 1,876,164</i>

	FY 2013/14 Actual	FY 2014/15 Amended Budget	FY 2014/15 Estimate	FY 2015/16 Budget
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Transfers

4901 Transfers	1,726,046	376,224	376,224	-
<i>Subtotal - Transfers</i>	<i>\$ 1,726,046</i>	<i>\$ 376,224</i>	<i>\$ 376,224</i>	<i>\$ -</i>
TOTAL GENERAL FUND	\$ 29,051,845	\$ 27,773,423	\$ 28,597,599	\$ 29,186,103

02 DEBT SERVICE FUND

Investment Earnings

4201 Investment Earnings	\$ 33,020	\$ 15,000	\$ -	\$ 15,214
<i>Subtotal - Investment Earnings</i>	<i>\$ 33,020</i>	<i>\$ 15,000</i>	<i>\$ -</i>	<i>\$ 15,214</i>

Transfers

4901 Transfers - Flood Control Tax	3,640,000	3,967,804	2,772,699	13,623
Transfers - General Fund				465,198
Transfers - Utilities and Utility Contracts			-	1,167,375
<i>Subtotal - Transfers</i>	<i>3,640,000</i>	<i>3,967,804</i>	<i>2,772,699</i>	<i>1,646,196</i>

Intergovernmental Revenue

4250 Flood Control Tax	-	-	-	\$ 2,976,581
4250 ACCD First Responder	-	-	-	73,304
4250 ACCD Reuse and Universal City Reuse	-	-	-	385,116
<i>Subtotal - Transfers</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>3,435,001</i>

Debt Proceeds

4991 Debt Proceeds	5,165,000	-	-	-
<i>Subtotal - Transfers</i>	<i>5,165,000</i>	<i>-</i>	<i>-</i>	<i>-</i>

TOTAL DEBT SERVICE FUND **\$ 8,838,020** **\$ 3,982,804** **\$ 2,772,699** **\$ 5,096,411**

04 PROJECT FUND

Transfers

4901 Transfers (From General Fund)	-	-	-	10,186,025
<i>Subtotal - Transfers</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>10,186,025</i>

TOTAL PROJECT FUND **\$ -** **\$ -** **\$ -** **\$ 10,186,025**

11 CITY OF SAN ANTONIO SARIP FUND

Investment Earnings

4201 Investment Earnings	(538)	-	-	-
<i>Subtotal - Investment Earnings</i>	<i>\$ (538)</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>

Intergovernmental Revenue

4250 Intergovernmental Revenue	1,010,033	1,959,443	-	3,287,766
<i>Subtotal - Intergovernmental Revenue</i>	<i>\$ 1,010,033</i>	<i>\$ 1,959,443</i>	<i>\$ -</i>	<i>\$ 3,287,766</i>

TOTAL COSA SARIP FUND **\$ 1,009,495** **\$ 1,959,443** **\$ -** **\$ 3,287,766**

	FY 2013/14 Actual	FY 2014/15 Amended Budget	FY 2014/15 Estimate	FY 2015/16 Budget
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13 BEXAR COUNTY CAPITAL IMPROVEMENTS FUND

Intergovernmental Revenue

4250 Intergovernmental Revenue	243,073	826,736	85,777	1,261,272
Subtotal - Intergovernmental Revenue	\$ 243,073	\$ 826,736	\$ 85,777	\$ 1,261,272

TOTAL BEXAR COUNTY CIP FUND \$ **243,073** \$ **826,736** \$ **85,777** \$ **1,261,272**

14 MEDINA DAM FUND

Intergovernmental Revenue

4250 Intergovernmental Revenue	20,200	24,000	50,000	50,000
Subtotal - Intergovernmental Revenue	\$ 20,200	\$ 24,000	\$ 50,000	\$ 50,000

TOTAL MEDINA DAM FUND \$ **20,200** \$ **24,000** \$ **50,000** \$ **50,000**

20 FLOOD TAX REVENUE FUND

Investment Earnings

4201 Investment Earnings	\$ (50)	\$ 400	\$ -	\$ -
Subtotal - Investment Earnings	\$ (50)	\$ 400	\$ -	\$ -

Intergovernmental Revenue

4250 Intergovernmental Revenue	3,720,020	4,000,000	2,772,699	-
Subtotal - Intergovernmental Revenue	\$ 3,720,020	\$ 4,000,000	\$ 2,772,699	\$ -

Transfers

4901 Transfers (From Debt Service)	24,090	15,000	-	-
Subtotal - Transfers	24,090	15,000	-	-

TOTAL FLOOD TAX REVENUE FUND \$ **3,744,060** \$ **4,015,400** \$ **2,772,699** \$ **-**

21 KARNES COUNTY MAINTENANCE FUND

Intergovernmental Revenue

4250 Intergovernmental Revenue	92,109	184,044	81,455	-
Subtotal - Intergovernmental Revenue	\$ 92,109	\$ 184,044	\$ 81,455	\$ -

Transfers

4901 Transfers (From General Fund)	92,109	184,044	81,455	-
Subtotal - Transfers	92,109	184,044	81,455	-

TOTAL KARNES COUNTY MAINT. FUND \$ **184,218** \$ **368,088** \$ **162,909** \$ **-**

	FY 2013/14 Actual	FY 2014/15 Amended Budget	FY 2014/15 Estimate	FY 2015/16 Budget
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22 SACIP LAND SALES FUND

Investment Earnings

4201 Investment Earnings	\$ (159)	\$ 250	\$ 171	\$ 200
<i>Subtotal - Investment Earnings</i>	\$ (159)	\$ 250	\$ 171	\$ 200

Intergovernmental Revenue

4250 Intergovernmental Revenue	700	-	400	400
<i>Subtotal - Intergovernmental Revenue</i>	\$ 700	\$ -	\$ 400	\$ 400

Charges for Services

4423 License Agreements	43,263	40,000	39,300	40,000
4425 Rental/Leases	4,706	4,000	11,598	6,000
4467 Sale of Fixed Assets	547	-	520	500
<i>Subtotal - Charges for Services</i>	48,516	44,000	51,418	46,500

TOTAL SACIP LAND SALES FUND	\$ 49,057	\$ 44,250	\$ 51,989	\$ 47,100
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23 PUBLIC FACILITIES CORPORATION FUND

Investment Earnings

4201 Investment Earnings	\$ 494	\$ -	\$ 492	\$ -
<i>Subtotal - Investment Earnings</i>	\$ 494	\$ -	\$ 492	\$ -

Charges for Services

4425 Rental/Leases	3,576,202	211,400	211,400	182,238
<i>Subtotal - Charges for Services</i>	3,576,202	211,400	211,400	182,238

Debt Proceeds

4991 Debt Proceeds	3,100,000	-	-	-
<i>Subtotal - Debt Proceeds</i>	3,100,000	-	-	-

TOTAL PUBLIC FACILITIES CORP FUND	\$ 6,676,696	\$ 211,400	\$ 211,892	\$ 182,238
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24 SAR INDUSTRIAL DEVELOPMENT AUTHORITY FUND

Investment Earnings

4201 Investment Earnings	\$ (23)	\$ 40	\$ 20	\$ 20
<i>Subtotal - Investment Earnings</i>	\$ (23)	\$ 40	\$ 20	\$ 20

TOTAL SAR INDUSTRIAL DEV. AUTH. FUND	\$ (23)	\$ 40	\$ 20	\$ 20
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	FY 2013/14 Actual	FY 2014/15 Amended Budget	FY 2014/15 Estimate	FY 2015/16 Budget
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26 PARK RESOURCES DEVELOPMENT FUND

Investment Earnings

4201 Investment Earnings	\$	(158)	\$	250	\$	140	\$	140
<i>Subtotal - Investment Earnings</i>	\$	(158)	\$	250	\$	140	\$	140

Charges for Services

4467 Sale of Fixed Assets		94,450		60,000		50,000		20,000
<i>Subtotal - Charges for Services</i>		94,450		60,000		50,000		20,000

TOTAL PARK RESOURCES DEV. FUND \$ **94,292** \$ **60,250** \$ **50,140** \$ **20,140**

30 SOUTH CENTRAL TEXAS PLANNING GROUP FUND

Investment Earnings

4201 Investment Earnings		44		23,200		45		50
<i>Subtotal - Investment Earnings</i>	\$	44	\$	23,200	\$	45	\$	50

Intergovernmental Revenue

4250 Intergovernmental Revenue		470,778		551,258		504,879		127,484
<i>Subtotal - Intergovernmental Revenue</i>	\$	470,778	\$	551,258	\$	504,879	\$	127,484

TOTAL SCTPG FUND \$ **470,822** \$ **574,458** \$ **504,924** \$ **127,534**

31 EDWARDS WATER ACQUISITION/RWRDG FUND

Investment Earnings

4201 Investment Earnings	\$	(117)	\$	700	\$	100	\$	100
<i>Subtotal - Investment Earnings</i>	\$	(117)	\$	700	\$	100	\$	100

Intergovernmental Revenue

4250 Intergovernmental Revenue		132,309		88,895		98,000		50,000
<i>Subtotal - Intergovernmental Revenue</i>	\$	132,309	\$	88,895	\$	98,000	\$	50,000

Charges for Services

4421 Administrative Fee		1,400		1,000		1,100		1,100
<i>Subtotal - Charges for Services</i>		1,400		1,000		1,100		1,100

TOTAL EDWARDS WATER ACQ. FUND \$ **133,592** \$ **90,595** \$ **99,200** \$ **51,200**

32 REGIONAL WATER ALLIANCE FUND

Investment Earnings

4201 Investment Earnings		(12)		-		10		10
<i>Subtotal - Investment Earnings</i>	\$	(12)	\$	-	\$	10	\$	10

Intergovernmental Revenue

4250 Intergovernmental Revenue		4,200		4,200		4,200		4,200
<i>Subtotal - Intergovernmental Revenue</i>	\$	4,200	\$	4,200	\$	4,200	\$	4,200

TOTAL REGIONAL WATER ALLIANCE FUND \$ **4,188** \$ **4,200** \$ **4,210** \$ **4,210**

FY 2013/14 Actual	FY 2014/15 Amended Budget	FY 2014/15 Estimate	FY 2015/16 Budget
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34 KENEDY BRACKISH GROUNDWATER DESALINATION FUND

Transfers

4901 Transfers	232	-	-	-
<i>Subtotal - Transfers</i>	232	-	-	-

TOTAL KENEDY BRCK GRDWTR DESAL FUND	\$ 232	\$ -	\$ -	\$ -
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36 GRANTS FUND

Intergovernmental Revenue

4250 Intergovernmental Revenue	251,036	1,659,971	339,177	13,408,147
<i>Subtotal - Intergovernmental Revenue</i>	251,036	1,659,971	339,177	13,408,147

Transfers

4901 Transfers (From General Fund)	56,729	-	12,465	137,389
<i>Subtotal - Transfers</i>	56,729	-	12,465	137,389

TOTAL LOCAL GRANTS FUND	\$ 307,765	\$ 1,659,971	\$ 351,642	\$ 13,545,536
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40 CLEAN RIVERS PROGRAM FUND

Intergovernmental Revenue

4250 Intergovernmental Revenue	123,804	205,127	211,628	-
<i>Subtotal - Intergovernmental Revenue</i>	\$ 123,804	\$ 205,127	\$ 211,628	\$ -

Transfers

4901 Transfers (From General Fund)	116,701	66,565	99,241	-
<i>Subtotal - Transfers</i>	116,701	66,565	99,241	-

TOTAL CLEAN RIVERS PROGRAM FUND	\$ 240,505	\$ 271,692	\$ 310,869	\$ -
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41 STATE GRANTS FUND

Intergovernmental Revenue

4250 Intergovernmental Revenue	346,954	3,918,889	334,691	-
<i>Subtotal - Intergovernmental Revenue</i>	\$ 346,954	\$ 3,918,889	\$ 334,691	\$ -

Transfers

4901 Transfers (From General Fund)	1,711	37,362	30,897	-
<i>Subtotal - Transfers</i>	1,711	37,362	30,897	-

TOTAL STATE GRANTS FUND	\$ 348,665	\$ 3,956,251	\$ 365,588	\$ -
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	FY 2013/14 Actual	FY 2014/15 Amended Budget	FY 2014/15 Estimate	FY 2015/16 Budget
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42 FEDERAL GRANTS FUND

Intergovernmental Revenue

4250 Intergovernmental Revenue	485,753	1,877,060	2,432,594	-
<i>Subtotal - Intergovernmental Revenue</i>	<i>\$ 485,753</i>	<i>\$ 1,877,060</i>	<i>\$ 2,432,594</i>	<i>\$ -</i>

Transfers

4901 Transfers (From General Fund)	91,318	-	-	-
<i>Subtotal - Transfers</i>	<i>91,318</i>	<i>-</i>	<i>-</i>	<i>-</i>

TOTAL FEDERAL GRANTS FUND	\$ 577,071	\$ 1,877,060	\$ 2,432,594	\$ -
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51 BEXAR COUNTY SAR IMPROVEMENTS FUND

Investment Earnings

4201 Investment Earnings	(3,446)	-	-	-
<i>Subtotal - Investment Earnings</i>	<i>\$ (3,446)</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>

Intergovernmental Revenue

4250 Intergovernmental Revenue	10,081,674	4,695,488	2,007,726	4,084,367
<i>Subtotal - Intergovernmental Revenue</i>	<i>\$ 10,081,674</i>	<i>\$ 4,695,488</i>	<i>\$ 2,007,726</i>	<i>\$ 4,084,367</i>

TOTAL BEXAR COUNTY SAR IMPROV FUND	\$ 10,078,228	\$ 4,695,488	\$ 2,007,726	\$ 4,084,367
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52 BEXAR COUNTY VISITOR TAX FUND

Investment Earnings

4201 Investment Earnings	(2,263)	-	-	-
<i>Subtotal - Investment Earnings</i>	<i>\$ (2,263)</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>

Intergovernmental Revenue

4250 Intergovernmental Revenue	1,262,925	3,866,084	-	-
<i>Subtotal - Intergovernmental Revenue</i>	<i>\$ 1,262,925</i>	<i>\$ 3,866,084</i>	<i>\$ -</i>	<i>\$ -</i>

TOTAL BEXAR CO. VISITOR TAX FUND	\$ 1,260,662	\$ 3,866,084	\$ -	\$ -
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53 SACIP 1999 CONTRACT FUND

Investment Earnings

4201 Investment Earnings	(15)	50	-	-
<i>Subtotal - Investment Earnings</i>	<i>\$ (15)</i>	<i>\$ 50</i>	<i>\$ -</i>	<i>\$ -</i>

Intergovernmental Revenue

4250 Intergovernmental Revenue	-	-	2,140	27,794
<i>Subtotal - Intergovernmental Revenue</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ 2,140</i>	<i>\$ 27,794</i>

TOTAL SACIP 1999 CONTRACT FUND	\$ (15)	\$ 50	\$ 2,140	\$ 27,794
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	FY 2013/14 Actual	FY 2014/15 Amended Budget	FY 2014/15 Estimate	FY 2015/16 Budget
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54 BEXAR COUNTY WESTSIDE CREEK ELMENDORF PARK FUND

Intergovernmental Revenue

4250 Intergovernmental Revenue	2,496,531	-	4,701,280	15,739,785
Subtotal - Intergovernmental Revenue	\$ 2,496,531	\$ 19,087,263	\$ 4,701,280	\$ 15,739,785
TOTAL BEXAR COUNTY WSC FUND	\$ 2,496,531	\$ 19,087,263	\$ 4,701,280	\$ 15,739,785

58 DOWNSTREAM CAPITAL PROJECTS FUND

Intergovernmental Revenue

4250 Intergovernmental Revenue	127,963	101,860	40,394	36,816
Subtotal - Intergovernmental Revenue	\$ 127,963	\$ 101,860	\$ 40,394	\$ 36,816
TOTAL DOWNSTREAM CAP. PROJ. FUND	\$ 127,963	\$ 101,860	\$ 40,394	\$ 36,816

59 BEXAR COUNTY CAPITAL PROJECTS FUND

Intergovernmental Revenue

4250 Intergovernmental Revenue	2,204,898	6,937,609	598,866	6,379,204
Subtotal - Intergovernmental Revenue	\$ 2,204,898	\$ 6,937,609	\$ 598,866	\$ 6,379,204
TOTAL BEXAR CO. CAPITAL PROJ. FUND	\$ 2,204,898	\$ 6,937,609	\$ 598,866	\$ 6,379,204

61 WESTSIDE CREEK CITY OF SAN ANTONIO FUND

Investment Earnings

4201 Investment Earnings	(176)	-	-	-
Subtotal - Investment Earnings	\$ (176)	\$ -	\$ -	\$ -

Intergovernmental Revenue

4250 Intergovernmental Revenue	1,749,745	10,085,172	266,295	12,945,808
Subtotal - Intergovernmental Revenue	\$ 1,749,745	\$ 10,085,172	\$ 266,295	\$ 12,945,808
TOTAL WSC CITY OF SAN ANTONIO FUND	\$ 1,749,569	\$ 10,085,172	\$ 266,295	\$ 12,945,808

70 SARA WASTEWATER SYSTEM FUND

Investment Earnings

4201 Investment Earnings	4,219	-	19,571	20,000
Subtotal - Investment Earnings	\$ 4,219	\$ -	\$ 19,571	\$ 20,000

Intergovernmental Revenue

4250 Intergovernmental Revenue	16,024	83,940	90,500	688,500
Subtotal - Intergovernmental Revenue	\$ 16,024	\$ 83,940	\$ 90,500	\$ 688,500

	FY 2013/14 Actual	FY 2014/15 Amended Budget	FY 2014/15 Estimate	FY 2015/16 Budget
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Charges for Services

4414 Equipment Usage Reimbursement	111,258	111,371	95,117	100,000
4425 Rentals/Leases	32,940	-	16,245	20,000
4431 Sewer Fees	6,456,236	7,317,746	6,870,514	6,973,572
4433 Reuse Water Sales	2,078	-	2,064	2,000
4439 Disconnect Fee	47,400	-	-	-
4465 Sale of Hay	4,330	-	12,400	4,000
4467 Sale of Fixed Assets	(1,551)	-	4,395	5,000
4468 Woodlake Golf O&M	-	14,400	-	-
4471 Vehicle Repairs by Utilities	19,726	24,586	10,800	15,000
<i>Subtotal - Charges for Services</i>	<i>\$ 6,672,417</i>	<i>\$ 7,468,103</i>	<i>\$ 7,011,535</i>	<i>\$ 7,119,572</i>

Miscellaneous

4511 Miscellaneous	44,693	2,000	54,500	20,000
<i>Subtotal - Miscellaneous</i>	<i>\$ 44,693</i>	<i>\$ 2,000</i>	<i>\$ 54,500</i>	<i>\$ 20,000</i>

Support Fees

4709 Utility O&M	7,929	9,400	122,017	-
4712 Utility O&M - Goliad County	16,121	43,833	-	-
4714 Utility O&M - Somerset	25,823	26,143	-	-
4718 Utility O&M - ACCD 1st Responder	21,390	19,613	-	-
<i>Subtotal - Support Fees</i>	<i>\$ 71,263</i>	<i>\$ 98,989</i>	<i>\$ 122,017</i>	<i>\$ -</i>

Reimbursements

4805 Reimbursement - Utilities	304,977	328,088	87,609	150,000
4818 Reimbursement - General Fund	5,912	6,144	148,103	-
<i>Subtotal - Reimbursements</i>	<i>\$ 310,889</i>	<i>\$ 334,232</i>	<i>\$ 235,712</i>	<i>\$ 150,000</i>

Transfers

4901 Transfers	1,093,590	78,000	637,065	213,262
<i>Subtotal - Transfers</i>	<i>\$ 1,093,590</i>	<i>\$ 78,000</i>	<i>\$ 637,065</i>	<i>\$ 213,262</i>

TOTAL SARA WASTEWATER SYSTEM FUND *\$ 8,213,095* *\$ 8,065,264* *\$ 8,170,899* *\$ 8,211,334*

71 SALATRILLO FUND

Investment Earnings

4201 Investment Earnings	(341)	250	135	5,000
<i>Subtotal - Investment Earnings</i>	<i>\$ (341)</i>	<i>\$ 250</i>	<i>\$ 135</i>	<i>\$ 5,000</i>

Intergovernmental Revenue

4250 Intergovernmental Revenue	-	28,000	-	108,900
<i>Subtotal - Intergovernmental Revenue</i>	<i>\$ -</i>	<i>\$ 28,000</i>	<i>\$ -</i>	<i>\$ 108,900</i>

Charges for Services

4431 Sewer Fees	2,598,332	2,853,847	2,325,614	3,042,126
4465 Sale of Hay	-	-	1,620	1,500
<i>Subtotal - Charges for Services</i>	<i>\$ 2,598,332</i>	<i>\$ 2,853,847</i>	<i>\$ 2,327,234</i>	<i>\$ 3,043,626</i>

	FY 2013/14 Actual	FY 2014/15 Amended Budget	FY 2014/15 Estimate	FY 2015/16 Budget
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Miscellaneous

4511 Miscellaneous	29,987	19,640	55,000	55,000
<i>Subtotal - Miscellaneous</i>	<i>\$ 29,987</i>	<i>\$ 19,640</i>	<i>\$ 55,000</i>	<i>\$ 55,000</i>

Reimbursements

4806 Reimbursements - Utilities	39,995	38,087	48,752	40,000
<i>Subtotal - Reimbursements</i>	<i>\$ 39,995</i>	<i>\$ 38,087</i>	<i>\$ 48,752</i>	<i>\$ 40,000</i>

Transfers

4906 Transfers	122,309	-	403,000	635,338
<i>Subtotal - Transfers</i>	<i>\$ 122,309</i>	<i>\$ -</i>	<i>\$ 403,000</i>	<i>\$ 635,338</i>

TOTAL SALATRILLO WHLSLE SVCES FUND **\$ 2,790,282** **\$ 2,939,824** **\$ 2,834,121** **\$ 3,887,864**

72 SALATRILLO RETAIL SERVICES FUND

Investment Earnings

4201 Investment Earnings	16,740	8,000	-	-
<i>Subtotal - Investment Earnings</i>	<i>\$ 16,740</i>	<i>\$ 8,000</i>	<i>\$ -</i>	<i>\$ -</i>

Charges for Services

4431 Sewer Fees	628,274	528,208	650,494	-
<i>Subtotal - Charges for Services</i>	<i>\$ 628,274</i>	<i>\$ 528,208</i>	<i>\$ 650,494</i>	<i>\$ -</i>

Reimbursements

4806 Reimbursements - Utilities	4,300	-	4,270	-
<i>Subtotal - Reimbursements</i>	<i>\$ 4,300</i>	<i>\$ -</i>	<i>\$ 4,270</i>	<i>\$ -</i>

Transfers

4906 Transfers	257,944	-	-	-
<i>Subtotal - Transfers</i>	<i>\$ 257,944</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>

TOTAL SALATRILLO RETAIL SVCES FUND **\$ 907,258** **\$ 536,208** **\$ 654,764** **\$ -**

73 RANDOLPH AFB CONTRACT FUND

Intergovernmental Revenue

4250 Intergovernmental Revenue	500,610	312,780	332,388	342,360
<i>Subtotal - Intergovernmental Revenue</i>	<i>\$ 500,610</i>	<i>\$ 312,780</i>	<i>\$ 332,388</i>	<i>\$ 342,360</i>

Transfers

4906 Transfers	277,230	-	-	-
<i>Subtotal - Transfers</i>	<i>\$ 277,230</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>

TOTAL RANDOLPH AFB CONTRACT FUND **\$ 777,840** **\$ 312,780** **\$ 332,388** **\$ 342,360**

	FY 2013/14 Actual	FY 2014/15 Amended Budget	FY 2014/15 Estimate	FY 2015/16 Budget
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74 SARA WATER SYSTEM FUND

Charges for Services

4432 Water Sales	170,108	300,054	192,057	200,000
4435 Sale of Water System	-	-	450,000	450,000
4436 Penalty Fee/Late Fee	10,195	-	8,033	-
4450 Miscellaneous Fees	2,862	-	400	-
<i>Subtotal - Charges for Services</i>	<i>\$ 183,165</i>	<i>\$ 300,054</i>	<i>\$ 650,490</i>	<i>\$ 650,000</i>
TOTAL SARA WATER SYSTEM FUND	\$ 183,165	\$ 300,054	\$ 650,490	\$ 650,000

75 UTILITIES OPERATION AND MAINTENANCE AGREEMENT FUND

Intergovernmental Revenue

4250 Intergovernmental Revenue	495,605	475,550	539,761	-
<i>Subtotal - Intergovernmental Revenue</i>	<i>\$ 495,605</i>	<i>\$ 475,550</i>	<i>\$ 539,761</i>	<i>\$ -</i>

Transfers

4905 Transfers	60,672	-	-	-
<i>Subtotal - Transfers</i>	<i>\$ 60,672</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>

TOTAL UTILITIES O&M AGREEMENT FUND	\$ 556,277	\$ 475,550	\$ 539,761	\$ -
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76 SALATRILLO REUSE FUND

Intergovernmental Revenue

4250 Intergovernmental Revenue	9,076	108,909	108,900	-
<i>Subtotal - Intergovernmental Revenue</i>	<i>\$ 9,076</i>	<i>\$ 108,909</i>	<i>\$ 108,900</i>	<i>\$ -</i>

Support Fees

4719 Salatrillo Reuse	-	-	18,636	-
<i>Subtotal - Support Fees</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ 18,636</i>	<i>\$ -</i>

TOTAL SALATRILLO REUSE FUND	\$ 9,076	\$ 108,909	\$ 127,536	\$ -
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80 SARA WASTEWATER SERVICES CONSTRUCTION AND IMPROVEMENT FUND

Investment Earnings

4201 Investment Earnings	1,915	2,678	7,174	-
<i>Subtotal - Investment Earnings</i>	<i>\$ 1,915</i>	<i>\$ 2,678</i>	<i>\$ 7,174</i>	<i>\$ -</i>

Charges for Services

4491 Impact Fees	(1,950)	172,000	325,000	-
<i>Subtotal - Charges for Services</i>	<i>\$ (1,950)</i>	<i>\$ 172,000</i>	<i>\$ 325,000</i>	<i>\$ -</i>

Transfers

4905 Transfers	2,044,638	1,850,775	1,798,413	2,500,000
<i>Subtotal - Transfers</i>	<i>\$ 2,044,638</i>	<i>\$ 1,850,775</i>	<i>\$ 1,798,413</i>	<i>\$ 2,500,000</i>

TOTAL SARA WW SVCES C&I FUND	\$ 2,044,603	\$ 2,025,453	\$ 2,130,587	\$ 2,500,000
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	FY 2013/14 Actual	FY 2014/15 Amended Budget	FY 2014/15 Estimate	FY 2015/16 Budget
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81 SALATRILLO CONSTRUCTION AND IMPROVEMENTS FUND

Investment Earnings

4201 Investment Earnings	91,181	36,166	-	-
<i>Subtotal - Investment Earnings</i>	<i>\$ 91,181</i>	<i>\$ 36,166</i>	<i>\$ -</i>	<i>\$ -</i>

Charges for Services

4491 Impact Fees	385,031	202,500	561,850	-
<i>Subtotal - Charges for Services</i>	<i>\$ 385,031</i>	<i>\$ 202,500</i>	<i>\$ 561,850</i>	<i>\$ -</i>

Transfers

4905 Transfers	391,118	67,049	67,049	1,042,602
<i>Subtotal - Transfers</i>	<i>\$ 391,118</i>	<i>\$ 67,049</i>	<i>\$ 67,049</i>	<i>\$ 1,042,602</i>

TOTAL SALATRILLO C&I FUND **\$ 867,330** **\$ 305,715** **\$ 628,899** **\$ 1,042,602**

82 TEXAS WATER DEVELOPMENT BOARD FUND

Miscellaneous

4511 Miscellaneous	-	950,895	-	-
<i>Subtotal - Miscellaneous</i>	<i>\$ -</i>	<i>\$ 950,895</i>	<i>\$ -</i>	<i>\$ -</i>

Debt Proceeds

4991 Debt Proceeds	4,300,000	-	-	-
<i>Subtotal - Transfers</i>	<i>\$ 4,300,000</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>

Transfers

4901 Transfer (From General Fund)	-	-	2,458	-
<i>Subtotal - Transfers</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ 2,458</i>	<i>\$ -</i>

TOTAL CWSRF TWDB FUND **\$ 4,300,000** **\$ 950,895** **\$ 2,458** **\$ -**

83 RANDOLPH AFB RENEWALS FUND

Investment Earnings

4201 Investment Earnings	(144)	300	-	-
<i>Subtotal - Investment Earnings</i>	<i>\$ (144)</i>	<i>\$ 300</i>	<i>\$ -</i>	<i>\$ -</i>

Intergovernmental Revenue

4250 Intergovernmental Revenue	336,216	336,216	352,113	357,300
<i>Subtotal - Intergovernmental Revenue</i>	<i>\$ 336,216</i>	<i>\$ 336,216</i>	<i>\$ 352,113</i>	<i>\$ 357,300</i>

TOTAL RANDOLPH AFB RENEWALS FUND **\$ 336,072** **\$ 336,516** **\$ 352,113** **\$ 357,300**

85 ACCD FIRST RESPONDERS CONSTRUCTION AND IMPROVEMENTS FUND

Intergovernmental Revenue

4250 Intergovernmental Revenue	122,249	55,450	64,604	-
<i>Subtotal - Intergovernmental Revenue</i>	<i>\$ 122,249</i>	<i>\$ 55,450</i>	<i>\$ 64,604</i>	<i>\$ -</i>

TOTAL ACCD FIRST RESPONDERS C&I FUND **\$ 122,249** **\$ 55,450** **\$ 64,604** **\$ -**

FY 2013/14 Actual	FY 2014/15 Amended Budget	FY 2014/15 Estimate	FY 2015/16 Budget
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86 SALATRILLO REUSE CONSTRUCTION AND IMPROVEMENTS FUND

Investment Earnings

4201 Investment Earnings	(3,087)	-	-	-
<i>Subtotal - Investment Earnings</i>	<i>\$ (3,087)</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>

Intergovernmental Revenue

4250 Intergovernmental Revenue	479,739	381,324	381,324	-
<i>Subtotal - Intergovernmental Revenue</i>	<i>\$ 479,739</i>	<i>\$ 381,324</i>	<i>\$ 381,324</i>	<i>\$ -</i>

Transfers

4901 Transfer	448,219	-	-	-
<i>Subtotal - Transfers</i>	<i>\$ 448,219</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>

TOTAL SALATRILLO REUSE C&I FUND	\$ 924,871	\$ 381,324	\$ 381,324	\$ -
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90 INSURANCE FUND

Investment Earnings

4201 Investment Earnings	(837)	1,100	9,585	10,000
<i>Subtotal - Investment Earnings</i>	<i>\$ (837)</i>	<i>\$ 1,100</i>	<i>\$ 9,585</i>	<i>\$ 10,000</i>

Miscellaneous

4511 Miscellaneous	2	-	14,000	24,000
4514 Health Premiums	2,124,051	2,092,835	2,195,154	2,222,154
4515 Dental Premiums	94,670	-	94,800	95,000
4516 Life Premiums	58,599	96,448	500	
4517 COBRA Premiums		-	57,900	50,000
4518 Vision Premiums	46,978	-	50,516	50,500
<i>Subtotal - Investment Earnings</i>	<i>\$ 2,324,300</i>	<i>\$ 2,189,283</i>	<i>\$ 2,412,870</i>	<i>\$ 2,441,654</i>

Transfers

4901 Transfer (From General Fund)	-	-	-	600,000
<i>Subtotal - Transfers</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ 600,000</i>

TOTAL INSURANCE FUND	\$ 2,323,463	\$ 2,190,383	\$ 2,422,455	\$ 3,051,654
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92 SALATRILLO RETAIL CONSTRUCTION AND IMPROVEMENTS FUND

Transfers

4919 Transfers	-	306,644	54,121	-
<i>Subtotal - Transfers</i>	<i>\$ -</i>	<i>\$ 306,644</i>	<i>\$ 54,121</i>	<i>\$ -</i>

TOTAL SALATRILLO RETAIL C&I FUND	\$ -	\$ 306,644	\$ 54,121	\$ -
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SAN ANTONIO

RIVER AUTHORITY

Leaders in Watershed Solutions



General Fund

Jackson Nature Park,
Wilson County

San Antonio River Authority
 General Fund
 Fiscal Year Ending June 30, 2016

Fund: 01

	FY 2013/14	FY 2014/15	FY 2014/15	FY 2015/16
Available Funds	Actual	Amended Budget	Estimate	Budget
Beginning Balance				
Operating Reserve	\$ 15,816,739	\$ 15,814,245	\$ 15,814,245	\$ 16,186,558
Total Beginning Balance	\$ 15,816,739	\$ 15,814,245	\$ 15,814,245	\$ 16,186,558
Revenue				
Taxes, Penalties and Interest	\$ 21,184,224	\$ 22,349,635	\$ 22,817,323	\$ 23,442,073
Intergovernmental Revenue	198,708	64,800	388,005	483,200
Charges for Services	1,203,127	778,766	843,202	855,500
Miscellaneous	211,031	191,250	178,838	180,000
Support Fees	2,222,807	2,235,007	2,235,007	2,314,146
Investment Income	131,357	35,000	34,000	35,020
Reimbursements	2,174,545	1,742,741	1,725,000	1,876,164
Operating Transfers	1,726,046	376,224	376,224	-
Total Revenue	\$ 29,051,845	\$ 27,773,423	\$ 28,597,599	\$ 29,186,103
TOTAL AVAILABLE FUNDS	\$ 44,868,584	\$ 43,587,668	\$ 44,411,844	\$ 45,372,660

APPROPRIATIONS

Personnel Services	\$ 13,164,849	\$ 14,680,063	\$ 13,774,760	\$ 15,085,855
Operations Expenses	13,540,768	14,958,197	11,665,534	11,770,099
Capital Outlay	1,542,139	2,329,740	2,550,281	249,052
Transfers	806,583	581,533	234,712	
Insurance, Debt Service and Grants				1,202,587
Project Fund - Projects				4,600,325
Project Fund - Unrestricted Reserve				5,585,700

TOTAL OPERATING APPROPRIATIONS	\$ 29,054,339	\$ 32,549,532	\$ 28,225,287	\$ 38,493,618
Operating Reserve	\$ 15,814,245	\$ 11,038,135	\$ 16,186,558	\$ 6,879,043
TOTAL APPROPRIATIONS	\$ 44,868,584	\$ 43,587,668	\$ 44,411,844	\$ 45,372,660

General Fund
Fiscal Year Ending June 30, 2016

Fund: 01

	FY 2013/14 Actual	FY 2014/15 Amended Budget	FY 2014/15 Estimate	FY 2015/16 Budget
<i>General Government</i>				
Board of Directors	\$ 217,851	\$ 108,605	\$ 85,256	\$ 322,123
Organizational Support	5,966,767	6,715,956	6,164,204	3,970,477
Facilities	4,437,656	1,844,243	1,455,957	1,258,917
Finance	762,358	819,351	820,745	1,302,949
Human Resources	95,884	153,045	151,095	429,650
Information Technology	1,211,476	1,332,582	1,250,827	2,360,487
Intergovernmental and Community Relations	518,094	1,481,243	1,007,573	2,423,021
Total General Government	\$ 13,210,086	\$ 12,455,025	\$ 10,935,657	\$ 12,067,624
<i>Program Support and Services</i>				
Program Support	\$ 8,743,789	\$ 10,237,112	\$ 9,663,276	\$ -
Environmental Sciences	920,087	1,597,444	1,187,418	3,440,081
Intergovernmental - Water Resources	6,045	103,600	45,000	-
Real Estate	42,366	48,000	44,100	440,648
Watershed Engineering	2,898,055	3,452,980	2,433,162	4,306,710
Watershed and Parks Operations	2,427,328	4,073,839	3,681,962	6,849,942
Total Program Support and Services	\$ 15,037,670	\$ 19,512,975	\$ 17,054,918	\$ 15,037,381
Operating Transfers	\$ 806,583	\$ 581,533	\$ 234,712	\$ 11,388,612
TOTAL GENERAL FUND	\$ 29,054,339	\$ 32,549,532	\$ 28,225,287	\$ 38,493,618

Operating Reserve

Department Description

In April 2015, the San Antonio River Authority (SARA) Board of Directors adopted a revised fund balance policy that changed the approach to managing the General Fund reserves. Through FY 2014/15, the General Fund reserves were classified in six different categories – Nonspendable (notes receivable, inventory and pre paid), Committed (for water rights), Assigned (for Texas Water Development Board grant), Unassigned Reserve account (for facilities and other needs identified by the Board), Unassigned Operating Reserve Account (for unexpected or emergency situations) and the Unassigned Undistributed Account (for any funds not allocated to one of the other five categories). Beginning in FY 2015/16, the General Fund has one fund balance amount shown – the Operating Reserve. This reserve, by policy, targets three months of operating expenditures which includes personnel, supplies, contracted services, capital expenditures and annual debt service requirements. It does not include project related expenditures or transfers.

The revised fund balance policy also created an Unrestricted Reserve in the new SARA Project Fund that accounts for projects where the funding comes from General Fund revenues. The FY 2015/16 Budget transfers funds from the General Fund to the SARA Project Fund for this Unrestricted Reserve.

Appropriations:

	<u>FY 2013/14</u>	<u>FY 2014/15</u>	<u>FY 2015/16</u>
	<u>Actual</u>	<u>Amended</u>	<u>Budget</u>
		<u>Budget</u>	<u>Budget</u>
Nonspendable	\$ 1,125,016	\$ 1,436,475	\$ -
Committed (Water Rights)	50,000	-	-
Assigned 4,818,694		438,978	-
Unassigned Reserve	6,154,848	6,514,869	-
Unassigned Operating Reserve	3,231,198	3,231,198	-
Unassigned Undistributed	1,559,505	853,090	-
Operating Reserve	-	-	6,879,043
<i>Total</i>	<i>\$16,939,261</i>	<i>\$12,474,610</i>	<i>\$6,879,403</i>

Program Justification and Fiscal Analysis

The FY 2015/16 Budget includes an Operating Reserve of \$6,879,043 which meets the target requirement of equaling at least three months of recurring operating expenditures. When combined with the Unrestricted Reserve established in the San Antonio River Authority Project Fund, the available fund balance reserves total \$12,464,743.

Board of Directors

Description

The governance and control of the San Antonio River Authority (River Authority) are vested in a twelve-member Board of Directors, six from Bexar County and two each from Wilson, Karnes and Goliad counties. Two of the Bexar County directors are elected at large and the other four each represent a portion of the county. Members are elected on a non-partisan basis to serve for six year terms. The terms of office for individual members are staggered to provide continuity.

The Board of Directors, as the governing body for the River Authority, provides policy and fiduciary direction for the organization. The Board supervises the actions of the General Manager to ensure that the statutory requirements of the organization are met and the mission, goals and objectives are effectively achieved for the citizens of the basin. The Board has established four committees that meet regularly to consider the budgetary and service-related business of the organization.

The Board provides direction on the River Authority's legislative agenda, strategic plan, and business opportunities. The Board also reviews and approves the annual budget and monitors revenues and expenditures throughout the year. In addition, the Board monitors performance results on many key initiatives of the River Authority. River Authority actions and results for quarterly and annual strategic plan objectives are measured in Quarterly Actions (QAs). QAs are tracked and reported to the Board committees. Overall attainment of objectives, Key Performance Indicators (KPIs), and the River Authority's River Health Index (RHI) are reported annually to the full Board.

Support staff for the Board must ensure that Board and committee public meeting notices are prepared in accordance with the requirements of the Texas Open Meetings Act and that records are managed in accordance with the Texas Open Records and Public Information Act requirements. In addition, agenda support materials and meeting minutes must be prepared in sufficient detail to support accountability and transparency in the business of the Board. Agenda materials are prepared and delivered to the Board in a timely manner to ensure thorough review by the Board. Staff ensures that public meeting notices and minutes are properly posted and processed with the Secretary of State, including use of the River Authority website to ensure public accessibility to and review of these documents as well as the agenda packets with supporting material. Staff also ensures maintenance of and adherence to Board by-laws, policies, and positions.

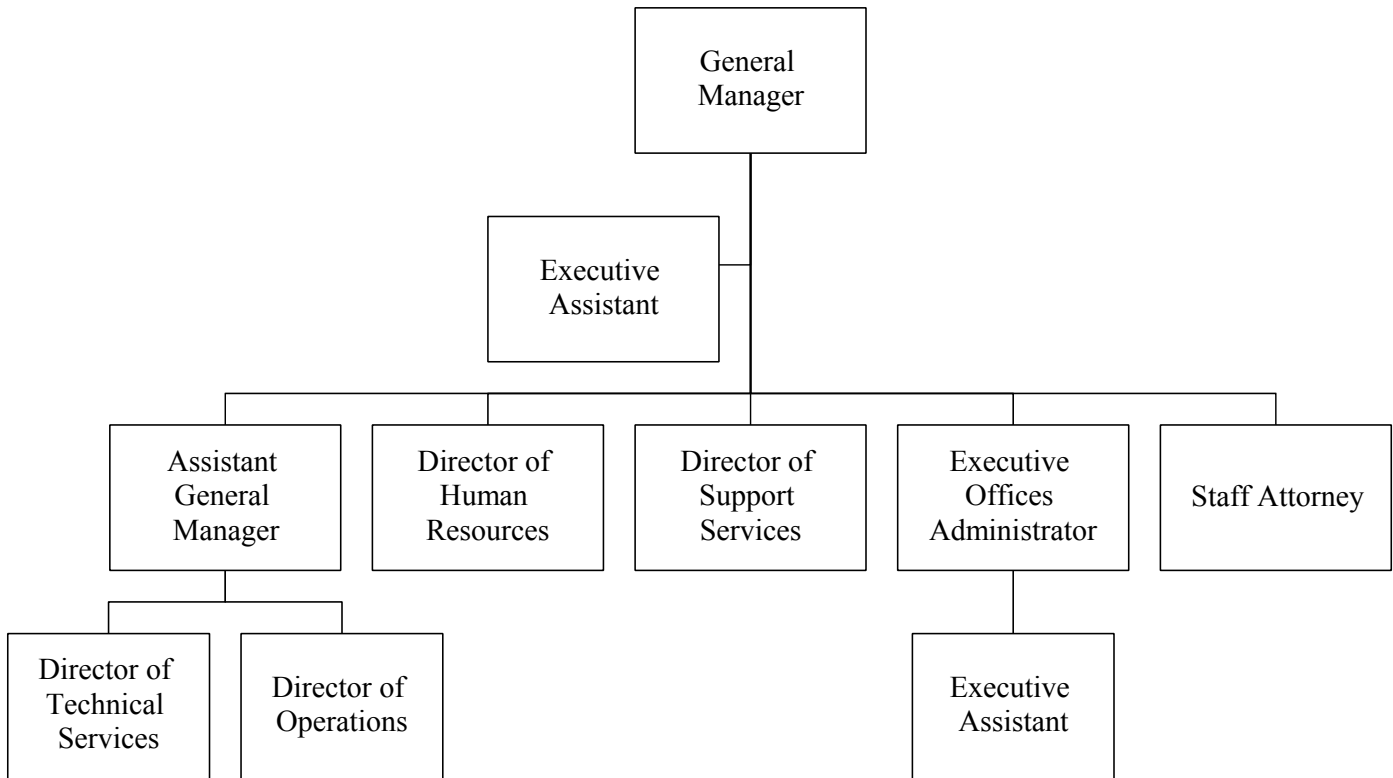
As elected officials, the directors participate in numerous community activities and meetings throughout the basin as well as attend training and conferences to remain informed on federal, state and regional activities with impact on the River Authority's mission and service area responsibilities.

<i>Appropriations:</i>	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Personnel Expenditures	\$ 42,419	\$43,180	\$ 52,903
Operating Expenditures	175,432	42,076	269,220
Capital Expenditures	-	-	-
<i>Total Appropriations</i>	<i>\$217,851</i>	<i>\$85,256</i>	<i>\$322,123</i>

Program Justification and Fiscal Analysis

The Board of Directors FY 2015/16 Budget increases significantly in comparison to the FY 2014/15 estimates. Personnel expenditures increase slightly to ensure sufficient funding for all board meetings and requirements. The operating expenditures increase is driven almost entirely by funding for the November 2015 board elections which will be held in all four counties in the River Authority's district.

Executive Office



Organizational Support

Description

Through FY 2014/15, the Organizational Support budget included personnel costs from departments supporting the agency's programs and projects. These departments included Executive Offices, Intergovernmental and Community Relations, Human Resources, Finance, Information Technology and the directors of Operations, Technical Services, Support Services and Human Resources. In FY 2015/16, personnel costs for individual departments are now budgeted in those departments to better reflect the full cost of those functions. In FY 2015/16, only the executive and support staff to the General Manager are budgeted in the Organizational Support budget.

The Organizational Support budget includes costs impacting the organization as a whole such as, but not limited to, general insurance, office supplies, appraisal district services, legislative services and organizational dues. In addition, the professional services and travel and training costs for the Executive Offices and directors of Operations, Support Services, Technical Services and Human Resources are included.

The General Manager is the chief executive officer of the San Antonio River Authority. The duties and authority of the General Manager are prescribed in Section 14 of Chapter 276, page 556, Acts of the 45th Legislature, as amended, and in Article II of the Bylaws of the River Authority. The General Manager is responsible to the Board of Directors for the administration of the affairs and business of the River Authority. In addition to total management responsibility, the General Manager is directly responsible for the following:

- Recommendation of and adherence to policy direction of the Board of Directors.
- Execution of policies approved by the Board of Directors.
- Financial management and control.
- Submittal of annual budget to the Board of Directors.
- Employment of professional consultants.
- General forecasting, planning, coordination and control of all of the River Authority's goals, projects and programs in support of the direction of the Board.
- Employment of staff.

The Assistant General Manager (AGM) and directors of Operations, Technical Services, Support Services and Human Resources share responsibility with the General Manager regarding certain River Authority programs, initiatives and administrative activities. The AGM serves as the Acting Manager in the absence of the General Manager. The AGM also serves as the Assistant Secretary to the Board of Directors.

Objectives

- ✓ Manage the business of the River Authority in an efficient, ethical, effective, and progressive manner.
- ✓ Guide and direct staff to achieve the River Authority goals and related performance measures.
- ✓ Promote responsiveness to the Board of Directors, the public, and partner entities.

- ✓ Provide directives to effectively communicate, inform, educate, and increase awareness and appreciation of the San Antonio River Basin.
- ✓ Oversee the development of a quality, character-based staff who are experts in their fields and exemplify environmental stewardship and leadership.
- ✓ Maintain an effective project management program and deliver valued public service.

Additional 2015/16 Goals

- Ensure effective management of watershed planning, flood control activities, water resource and development activities, wastewater and water services, water quality and environmental services, and parks operations and development throughout the service area.
- Promote timely communication and responsiveness to the Board of Directors and ensure effective administrative support for the Board.
- Strengthen awareness of the River Authority’s services throughout the basin.
- Provide a safe and satisfying work environment for employees.
- Advance the development of a strong, dependable and goal-oriented executive and management team.
- Explore technology and innovation to accelerate the achievement of River Authority goals and service mission, including a River Authority-wide data integration plan.
- Promote and instill the River Authority’s core values of integrity, excellence, and stewardship throughout the organization.
- Promote transparent and timely communication with the public to ensure responsiveness, quality customer service, and accountability to all citizens.
- Develop and implement educational programs and public awareness activities that inform students and adults of the River Authority’s mission, projects and services while also promoting stewardship of the resources of the San Antonio River Basin.
- Actively engage in intergovernmental relations activities that advocate the River Authority’s role and responsibilities, and promote good governance and collaboration with governmental agencies.

<i>Appropriations:</i>	<u>FY 2013/14</u>	<u>FY 2014/15</u>	<u>FY 2015/16</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Budget</u>
Personnel Expenditures	\$4,928,984	\$5,028,350	\$2,062,539
Operating Expenditures	1,037,783	1,135,854	1,857,938
Capital Expenditures	-	-	50,000
<i>Total Appropriations</i>	<i>\$5,966,767</i>	<i>\$6,164,204</i>	<i>\$3,970,477</i>

Program Justification and Fiscal Analysis

As stated, through FY 2014/15, the Organizational Support budget included personnel costs from departments supporting the River Authority’s programs and projects. These departments included the Executive Offices, Intergovernmental and Community Relations, Human Resources, Finance, Information Technology and the directors of Operations, Technical Services, Support Services and Human Resources. In FY 2015/16, personnel costs for the individual departments just described are budgeted in those departments to better reflect the full cost of those functions. In FY 2015/16, only the executive and support staff to the General Manager are budgeted in the Organizational Support budget. This accounts for the significant decrease in personnel expenditures in comparison to the FY 2014/15 estimate.

The FY 2015/16 budget appropriates \$122,727 for new resource. These costs consist of a new staff attorney to be in-house counsel to provide various services including real estate issues, board support, contract review and drafting, and advice on any legal issues. This amount is net of savings from outside counsel contracted services. One position in the executive offices is also being reclassified, resulting in a savings in personnel costs.

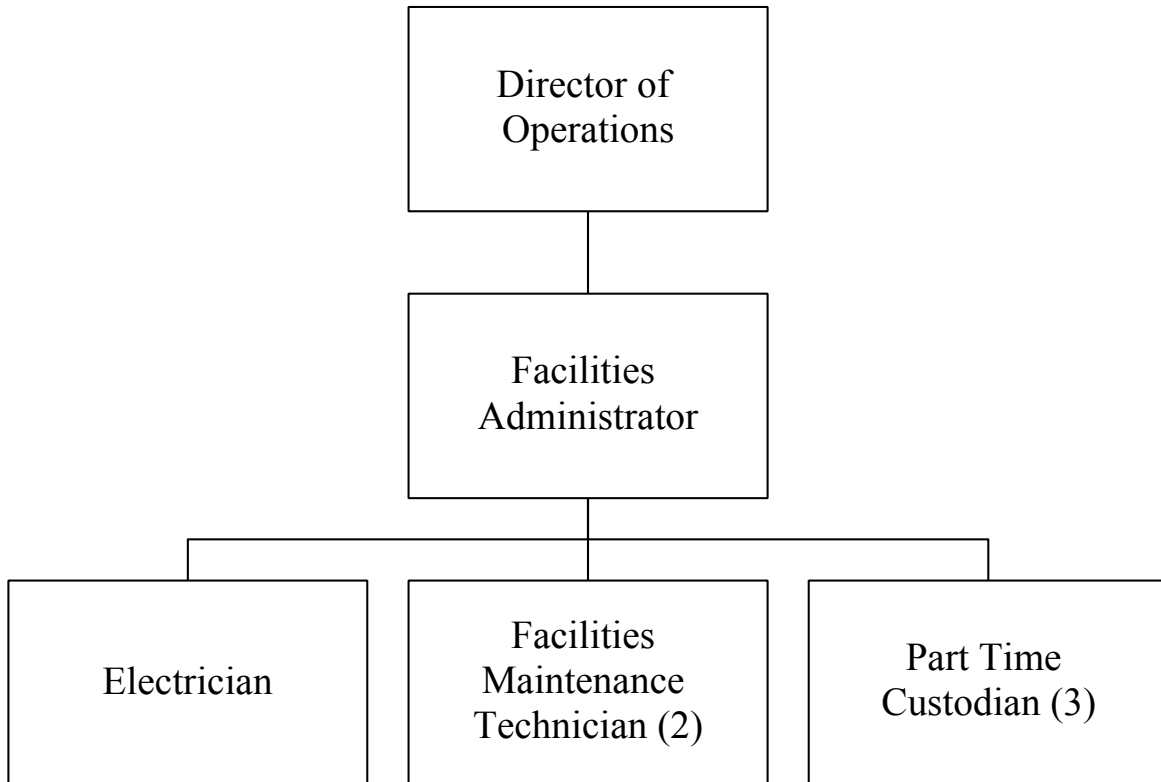
The budget for operating expenditures reflects a significant increase in comparison to the FY 2014/15 estimate, mainly due to project costs carried forward from FY 2014/15. Various expenditures are budgeted in Organizational Support for FY 2015/16 that provide services to the entire organization. This includes expenses such as general insurance costs, appraisal district services, legislative services, outside legal services, office and safety supplies, postage, tuition reimbursement. In addition, as stated, the FY 2015/16 Budget includes funding to finish projects that began in FY 2014/15. All new projects are budgeted in the Project Fund; however, projects that are underway and budgeted in the General Fund in FY 2014/15 will be carried in the General Fund in FY 2015/16. This includes 2015 Unified Development Code Amendments, Westside Creeks Linear Trails and Elmendorf Parks, and the Westside Creeks Oversight Committee.

The \$50,000 budgeted in capital expenditures in the Organizational Support budget for FY 2015/16 provides funding for surface water rights purchases should the opportunity arise and the Board approve a purchase.

Authorized Positions

	Pay Grade	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
General Manager	151	1	1	1
Assistant General Manager	145	1	1	1
Director – Human Resources	140	1	1	1
Director – Operations	140	1	1	1
Director – Support Services	140	1	1	1
Director – Technical Services	140	1	1	1
Staff Attorney	140	0	0	1
Executive Offices Administrator	121	1	1	1
Executive Assistant	115	2	2	2
<i>Total Authorized Positions</i>		9	9	10

Facilities



Facilities

Department Description

The Facilities Department aims to provide efficient operation and maintenance services for the San Antonio River Authority's buildings and fleet. These services include security management, facilities management, fleet management, and other support functions furnished to River Authority staff. The Department's mission is to provide the best available services in the areas of safety and fleet, and provide a safe, comfortable, and sustainable working environment for employees.

Department Objectives

- ✓ Ensure facilities are properly maintained to protect the organization's assets.
- ✓ Maintain facilities to provide a safe, healthy and comfortable employee environment.
- ✓ Support environmental stewardship through stormwater runoff management, native landscaping, installation of Light Emitting Diodes (LED) lighting and light sensors, recycling, and environmentally sensitive construction techniques at River Authority-owned facilities.
- ✓ Reduce energy consumption at all facilities through the implementation of energy and other sustainability audits, improvement of the maintenance and replacement of outdated equipment.
- ✓ Seek to improve gasoline efficiency and reduce major fleet repairs through regularly scheduled maintenance.
- ✓ Administer the vehicle maintenance program to optimize fleet safety and reliability.
- ✓ Contribute to the reduction of on-the-job injuries by providing a safe and healthy working environment and by providing training related to hazards, equipment, working conditions and violence in coordination with Human Resources.
- ✓ Ensure electrical, heating, ventilation, and air conditioning (HVAC), and gas requirements are met to support laboratory needs.

Strategic Plan Annual Objectives and Action Items

The Facilities Department will be responsible for completing the following action items incorporated under the objectives that were included in the San Antonio River Authority's organization wide strategic plan.

11. Develop a five year plan to increase high quality services delivered to our partners and communities.

Action Item: Update inventory for all equipment.

Action Item: Determine and document the useful life potentially remaining in all equipment.

Action Item: Identify optimum replacement schedules.

Additional 2015/16 Goals

- Establish and maintain native landscaping at the Environmental Center and the Guenther Office building in cooperation with Watershed and Park Operations.

- Install stormwater Low Impact Development (LID) best practices at the Environmental Center and Guenther Offices.
- Support construction of a new Dam Operations Center facility.
- Add water meters and backflow prevention devices to GIS database.
- Participate in acquiring and implementing an asset management software system.

Appropriations:

	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Personnel Expenditures	\$ -	\$ -	\$ 318,792
Operating Expenditures	4,341,280	965,165	940,125
Capital Expenditures	96,377	490,792	-
<i>Total Appropriations</i>	<i>\$4,437,657</i>	<i>\$1,455,957</i>	<i>\$1,258,917</i>

Program Justification and Fiscal Analysis

The Facilities FY 2015/16 Budget decreases slightly overall in comparison to the FY 2014/15 estimate due to lower operating expenditures as well as capital expenditure appropriations. These reductions partially offset the increase in personnel expenses that results from a change in budget approach implemented in this budget. In FY 2014/15, personnel expenses for Facilities, and all organizational support functions, were appropriated and expensed in the Organizational Support budget. Moving the cost of personnel related to Facilities into the Facilities budget better reflects the total cost of this function.

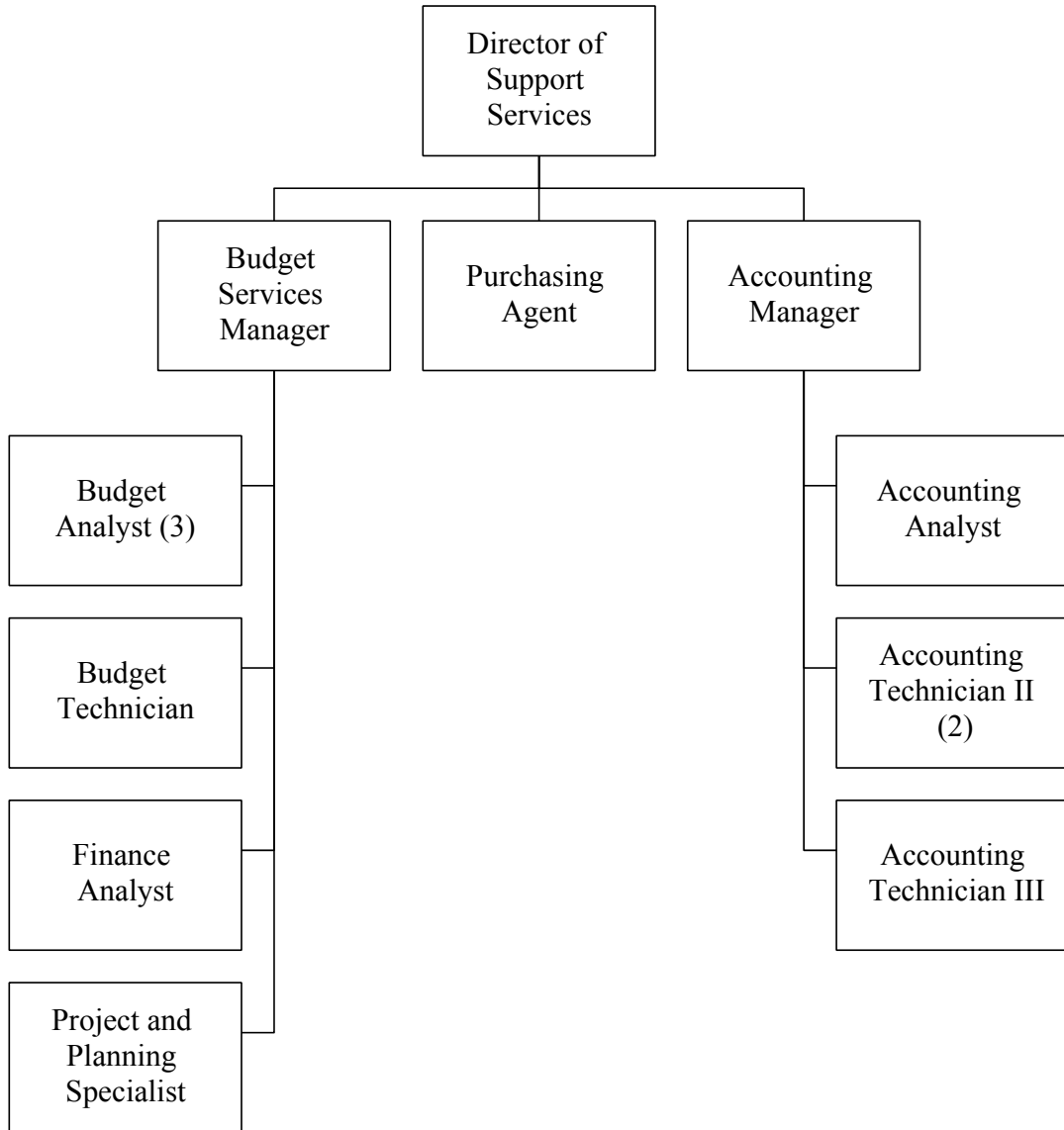
The Facilities operating expenditure appropriation decreases from the FY 2014/15 estimate are driven by the work completed on design services for stormwater retrofits of the River Authority's two main buildings that were completed in FY 2014/15. The costs for construction of these facilities will be paid in the new project fund, not in the Facilities budget. The FY 2015/16 Budget includes appropriations for all services provided by Facilities staff.

Authorized Positions

	Pay Grade	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Facilities Administrator	121	1	1	1
Electrician* 120		0.5	0.5	0.5
Electrician Apprentice	111	0	1	0
Facilities Maintenance Technician	109	2	2	2
Custodian – Part Time	PT	0	0	3
<i>Total Authorized Positions</i>		<i>3.5</i>	<i>4.5</i>	<i>6.5</i>

* Note: 50 percent of this position is funded in the San Antonio River Authority Wastewater System Fund

Finance Department



Finance

Department Description

The Finance Department provides a full range of accounting, budgeting and purchasing services for all departments and divisions of the San Antonio River Authority. The Finance Department is an active team player that effectively and aggressively supports all departments and divisions with respect to payroll processing, accounts payable, accounts receivable, budgeting, contracting, purchasing, tracking and recording general fixed assets, and reporting financial and asset management. Department staff takes part in and serves as the financial representative on the many new and on-going projects of the River Authority. Finance is also responsible for cash management and investing for all River Authority funds and manages all debt issuances.

The Finance staff is responsible for developing and monitoring the annual operating and project budgets. Staff assists departments with fiscal planning, analysis and project management. Finance staff also provides the River Authority's departments with high quality, efficient and accurate financial and accounting services and exercises fiduciary responsibility to safeguard the River Authority's financial assets and manage its financial resources. Purchasing staff oversees all procurement processes for goods and services, vendor relationships and provides contract management services to obtain the highest quality products and services in the most efficient and cost effective manner possible. Staff also reports and tracks all assets owned by the River Authority.

Department Objectives

Provide assistance in the areas of accounting and finance as required by the departments, divisions, projects, and programs of the River Authority. Effectively and aggressively manage the investments of the River Authority to maximize the rate of return on outstanding funds. Respond to employee needs as they pertain to payroll services. Ensure timely payment to vendors. Develop an annual budget that maximizes the use of the River Authority's resources (staff and funds) to provide high quality services that meet the needs of our citizens and communities. Ensure that the River Authority procures goods and services of the best quality at the lowest possible cost. Provide timely and proactive support services in each area of responsibility.

Strategic Plan Annual Objectives and Action Items

The Finance Department has responsibility for completing the following action items incorporated under objectives that are included in the San Antonio River Authority's organization wide strategic plan.

11. Develop a five year plan to increase high quality services delivered to our partners and communities

Action item: Expand efforts to identify and apply for grant opportunities to increase funding from this source.

Action item: Assist in developing a five year plan for continuing or expanding the River Authority's project management services provided to our partners

Action item: Identify and implement an asset management/work order software system for use organization-wide

Additional 2015/16 Goals

- Provide quality accounting and financial service support to the departments and divisions of the River Authority.
- Contribute to new project initiation and development by providing contracting, financial assistance and analysis.
- Invest in the continuing education of the Finance staff by providing ongoing training in their specific and/or general duties.
- Provide in-house training for other department personnel on current financial, p-card and timekeeping software.
- Be proactive in attaining recycled products by analyzing the costs of recycled products versus non-recycled and purchasing recycled products whenever fiscally viable.

Appropriations:

	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Personnel Expenditures	\$ -	\$ -	\$1,028,149
Operating Expenditures	762,358	820,745	274,800
Capital Expenditures	-	-	-
<i>Total Appropriations</i>	<i>\$762,358</i>	<i>\$820,745</i>	<i>\$1,302,949</i>

Program Justification and Fiscal Analysis

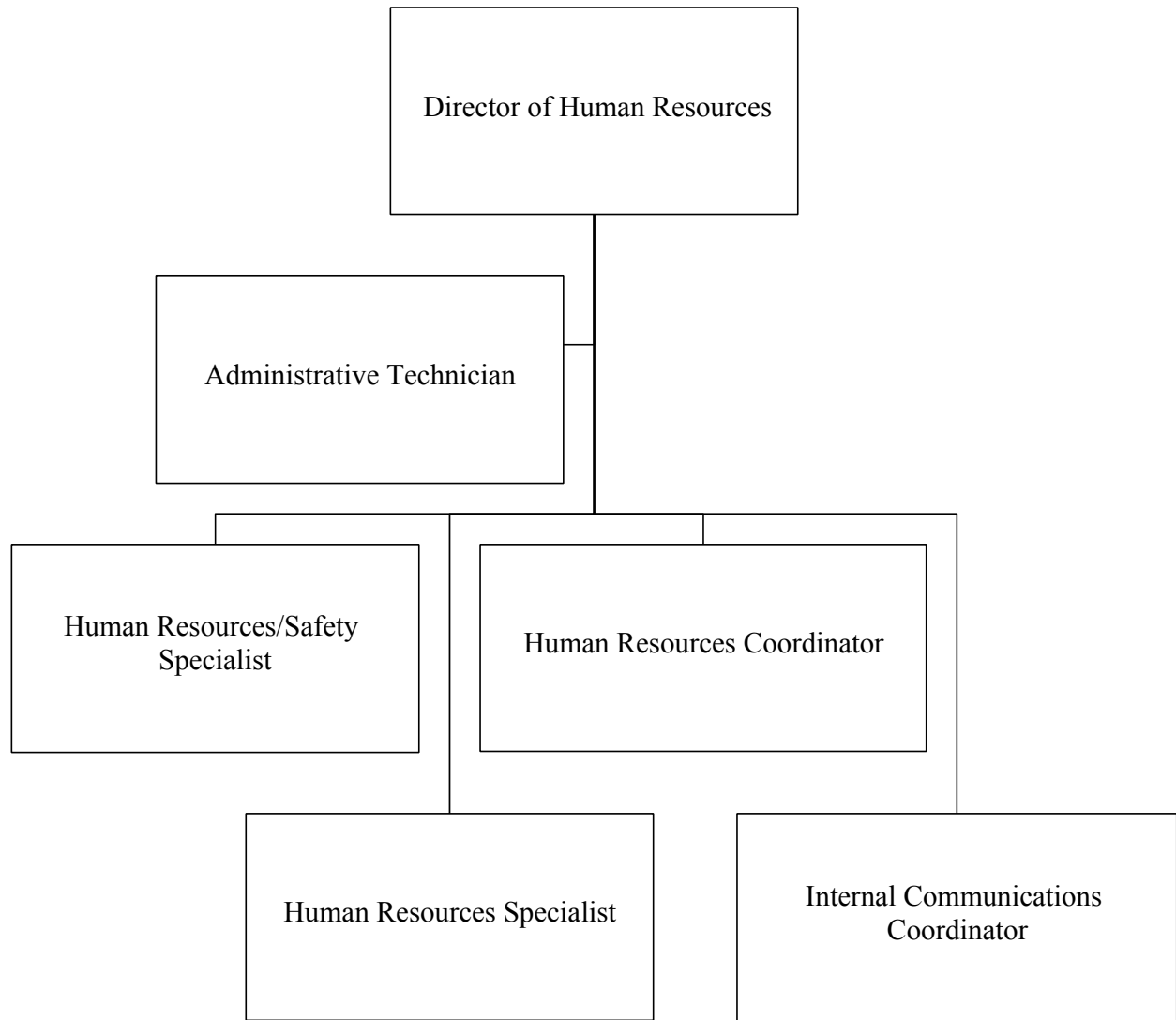
The Finance FY 2015/16 Budget reflects a significant increase in comparison to the FY 2014/15 estimate. The most significant cause for this change is the increase in personnel expenses that results from a change in budget approach implemented in this budget. In FY 2014/15, personnel expenses for Finance, and all organizational support functions, were appropriated and expensed in the Organizational Support budget. Moving the cost of personnel related to Finance into the Finance budget better reflects the total cost of this function. Another notable change occurs within the operating expenses with the removal of tax collection fees (estimated at \$462,600 for FY 2015/16) from the expenditure budget. These collection fees are now accounted for in the FY 2015/16 revenue estimates as a reduction to the ad valorem tax payments. This approach reflects the actual payments made by the tax assessor-collectors in each county that pay the River Authority the tax revenue net of collection costs. In addition, the payments to the four appraisal districts in the River Authority's district were previously made in the Finance budget. These costs are appropriated in the Organizational Support Budget for FY 2015/16 as they represent a cost that benefits the entire organization.

In FY 2015/16, the Finance Budget includes an allocation of \$75,000 for professional services that will be dedicated to improving the quality and accessibility of information within the financial management system. The plan for improving the system includes bringing in data from an outdated system and improving budgetary control within the software system as well as developing additional reports for management information.

Authorized Positions

	Pay Grade	FY 2013/14 Actual	FY 2014/14 Estimate	FY 2015/16 Budget
Budget Services Manager	134	1	1	1
Accounting Manager	133	1	1	1
Project and Planning Specialist 124		0	0	1
Senior Finance Analyst	122	1	1	0
Budget Analyst	119	0	0	3
Accounting Analyst	117	1	1	1
Finance Analyst	117	3	3	1
Purchasing Agent	119	1	1	1
Budget Technician	111	1	1	1
Accounting Technician III – Payroll	110	1	1	1
Accounting Technician II – Accounts Payable	109	1	1	1
Accounting Technician II – Accounts Receivable	109	1	1	1
Intern PT		0	0	1
<i>Total Authorized Positions</i>		<i>12</i>	<i>12</i>	<i>14</i>

Human Resources Division



Human Resources

Department Description

The Human Resources Department partners with San Antonio River Authority employees to promote a work environment that attracts and inspires employees who embody the River Authority's core values and support the River Authority's vision, mission, and organizational goals. The department makes available proactive support resources for the executive staff, managers, and employees and is focused on delivering quality customer service to all employees. Human Resources staff provides strategic and effective programs that attract, retain and develop top talent. Staff manages all compensation, benefits, safety and risk management, and training and development programs for the River Authority.

Department Objectives

- ✓ Cultivate and promote a positive culture of innovation and engagement.
- ✓ Design and implement strategies and tactical plans that strengthen employee dedication, build collaboration and increase performance to support the River Authority's vision, goals and values.
- ✓ Develop, implement and maintain programs to complement organizational development, talent development and career growth.
- ✓ Develop and advance competitive and cost-effective programs that attract and retain high-performing talent.
- ✓ Keep abreast of, and respond to, changing legislative and economic developments that support the needs of an evolving workforce.

Strategic Plan Annual Objectives and Action Items

The Human Resources Department has responsibility for completing the following action items incorporated under objectives that are included in the San Antonio River Authority's organization wide strategic plan.

9. Evaluate and implement a new tiered insurance structure and costs promoting wellness.
 - Action item:* Roll out three year plan to manage medical claims and insurance costs.
 - Action item:* Complete actuarial study to determine medical claims costs breakdown.

Additional 2015/16 Goals

- Develop and implement six new leadership courses.
- Develop and implement a strategic recruiting plan focused on streamlining the recruiting program.
- Develop and implement safety strategies to reduce the impact of the workers compensation program on the River Authority's budget.

<i>Appropriations:</i>	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Personnel Expenditures	\$ -	\$ -	\$350,020
Operating Expenditures	95,884	149,845	79,630
Capital Expenditures	-	1,250	-
<i>Total Appropriations</i>	<i>\$95,884</i>	<i>\$151,095</i>	<i>\$429,650</i>

Program Justification and Fiscal Analysis

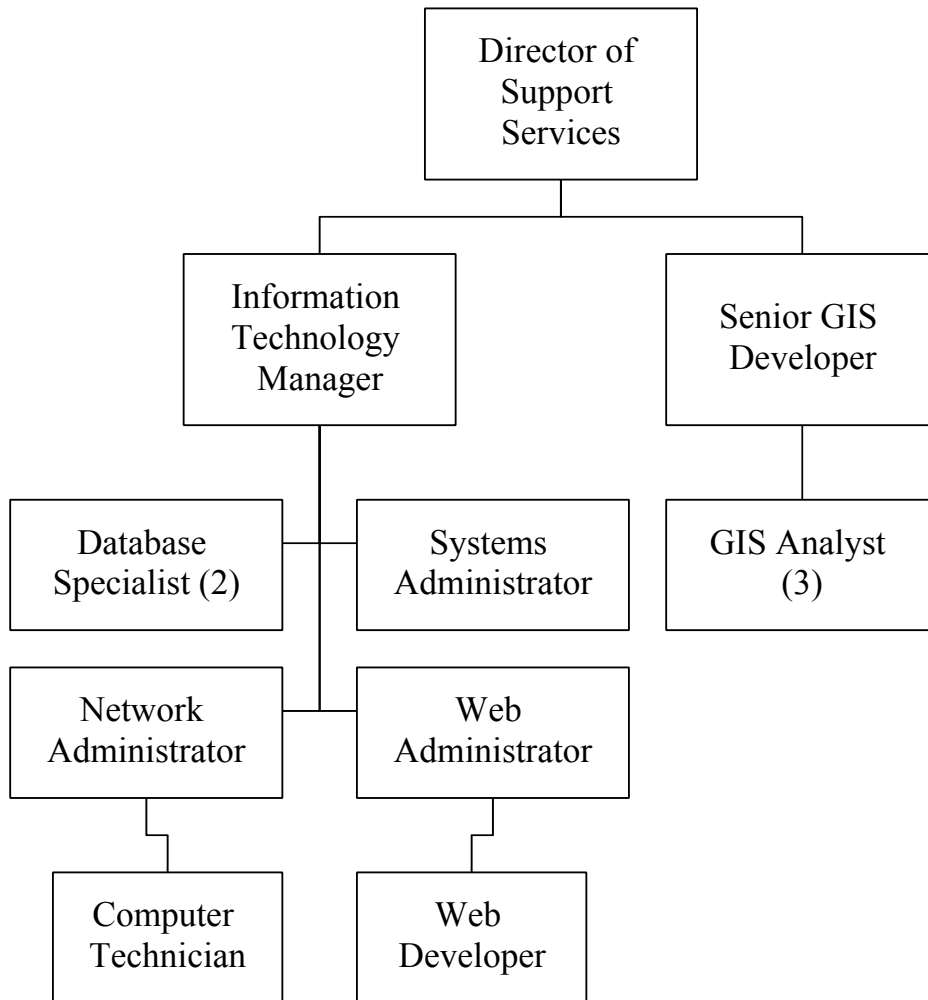
The Human Resources FY 2015/16 Budget reflects a significant increase in comparison to the FY 2014/15 estimate. The most significant cause for this change is the budget approach implemented in this budget. In FY 2014/15, personnel expenses for Human Resources, and all organizational support functions, were appropriated and expensed in the Organizational Support budget. Moving the cost of personnel related to Human Resources into the Human Resources budget better reflects the total cost of this function.

Budgeted operating expenses for Human Resources show a significant decrease in comparison to the FY 2014/15 estimates. This is entirely due to costs related to the tuition reimbursement program. In FY 2014/15, these costs were budgeted and expensed in the Human Resources budget. Since these are organization-wide costs (for all employees in the organization), tuition reimbursement is now budgeted in Organizational Support.

Authorized Positions

	Pay Grade	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Human Resources Manager	133	1	1	0
Human Resources Specialist	122	0	0	1
Human Resources/Safety Specialist	122	1	1	1
Internal Communications Coordinator	118	1	1	1
Human Resources Coordinator	112	1	1	1
Administrative Technician	106	1	1	1
Intern PT		1	1	1
<i>Total Authorized Positions</i>		<i>6</i>	<i>6</i>	<i>6</i>

Information Technology



Information Technology

Department Description

The Information Technology (IT) Department supports the technical operations of the San Antonio River Authority and is responsible for all computer and communications related assets. The staff manages the network infrastructure (servers, routers, storage, etc.), telephony systems, provides software application support, completes web development and, through the helpdesk, addresses users issues, problems and concerns.

The IT Department's vision is to serve as the organization's strategic technology leader to ensure that the River Authority continues to operate in a highly efficient manner and that employees have the necessary resources to increase productivity. Staff works to provide cost-effective technological solutions by taking advantage of ever-changing technologies.

The IT department also encompasses a Geographic Information System (GIS) team that provides a full range of GIS services to the River Authority and its partners and strives to be a responsive, collaborative, and innovative team to support GIS at the River Authority. The GIS team supports data collection, tool development, and analysis to encourage decision making for solving the complex problems regarding planning and management of resources through an enterprise GIS system. The team also provides various services such as: the development of maps, support to FEMA Letter of Map Revisions (LOMR) that modify an effective Flood Insurance Rate Map (FIRM), or Flood Boundary and Floodway Map, data management, GIS web services, application development, GIS server management, and support for hydraulic and hydrologic modeling done by the River Authority's scientists and engineers.

Department Objectives

- ✓ Provide a high level of customer service to all River Authority employees.
- ✓ Be proactive in the support of all River Authority departments and divisions.
- ✓ Keep the River Authority competitive and highly productive in regard to technology solutions and services to enable all departments and divisions to compete and excel in the open-media working environment.
- ✓ Manage, maintain and/or develop libraries and databases for River Authority departments, including the water quality database for the Clean Rivers Program, land survey records database, watershed modeling information databases, real estate databases, the contact database, and the library of flood plain maps.
- ✓ Provide support on websites that enhance community appreciation for the environmental resources of the San Antonio River and its tributaries.
- ✓ Educate and direct River Authority employees on new technologies and innovations to continue to develop successful employees.
- ✓ Implement new technologies that minimize hardware cost and maximize productivity / efficiency.

Strategic Plan Annual Objectives and Action Items

The Information Technology Department has responsibility for completing the following action items incorporated under objectives that are included in the San Antonio River Authority’s organization wide strategic plan.

- 11. Develop a five year plan to increase high quality services delivered to our partners and communities
 - Action item:* Assist in developing a five year plan for continuing or expanding the River Authority’s Information Technology services provided to our partners
 - Action item:* Identify and implement an asset management/work order software system for use organization-wide
 - Action item:* Assist our partners with technical training to better service our user community

- 12. Begin implementation of Phase 1 of the GIS strategic plan by building a solid foundation of GIS management and development through quality and organized data, users, and system architecture including support for a dynamic basin assessment
 - Action item:* Complete the first phase of the basin assessment

Additional 2015/16 Goals

- Evaluate printer and copier use to develop a strategy to make the most efficient and cost-effective use of existing resources and/or identified necessary new resources.
- Continue building a Disaster Recovery and Business Continuity process to protect and secure the agency’s technical operations.
- Identify and implement an asset management/work order software system for use organization-wide
- Remote host the Floodworks system to provide maximum availability in the case of emergency or disaster.
- Virtualize the phone system to eliminate the need to purchase new physical servers.

Appropriations:

	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Personnel Expenditures	\$ -	\$ -	\$ 973,840
Operating Expenditures	691,755	1,001,760	1,386,647
Capital Expenditures	519,721	249,067	-
Total Appropriations	\$1,211,476	\$1,250,827	\$2,360,487

Program Justification and Fiscal Analysis

The Information Technology FY 2015/16 Budget reflects a significant overall increase in comparison to the FY 2014/15 estimate because of the change in budget approach implemented in this budget as well as funding for several new initiatives. In FY 2014/15, personnel expenses for Information Technology, and all organizational support functions, were appropriated and expensed

in the Organizational Support budget. Moving the cost of personnel into the Information Technology budget better reflects the total cost of this function.

The budget for operating expenses decreases in comparison to the FY 2014/15 estimate mainly due to the purchase of computer and network equipment in FY 2014/15.

In FY 2014/15, the River Authority partnered with the State of Texas to acquire imagery of the three downstream counties – Karnes, Wilson and Goliad. The imagery for Bexar County was already available. The partnership allowed the River Authority to develop this data very cost effectively. However, because of weather conditions and other factors, this project was not completed in FY 2014/15. The cost of \$162,000 is carried into FY 2015/16 when the project will be complete.

The Information Technology budget for FY 2015/16 includes significant funding for several new software packages that will improve staff efficiency and effectiveness. \$250,000 is allocated to acquire asset management software that will provide the River Authority with the ability to track and manage all assets, including those managed by the Utility system, issue work orders, as well as track costs associated with repair and maintenance of assets. Funding is also provided to replace the current agenda management software. The current system offers some effective functionality but is also difficult to use to produce and manage high quality agendas and documents. Staff will use funding provided to make improvements to the project management software currently in use. Staff will assess organization-wide printers and copiers currently in use to identify possible efficiencies as well as improvements to service. This will include all printers, costs for toner, copier lease costs, locations of equipment, redundancies that may exist. New equipment may be purchased/leased but would be offset by savings in toner and other supplies for existing printers. No funding is provided for this effort as it will be accomplished by redirecting existing resources and funds as necessary.

Efforts

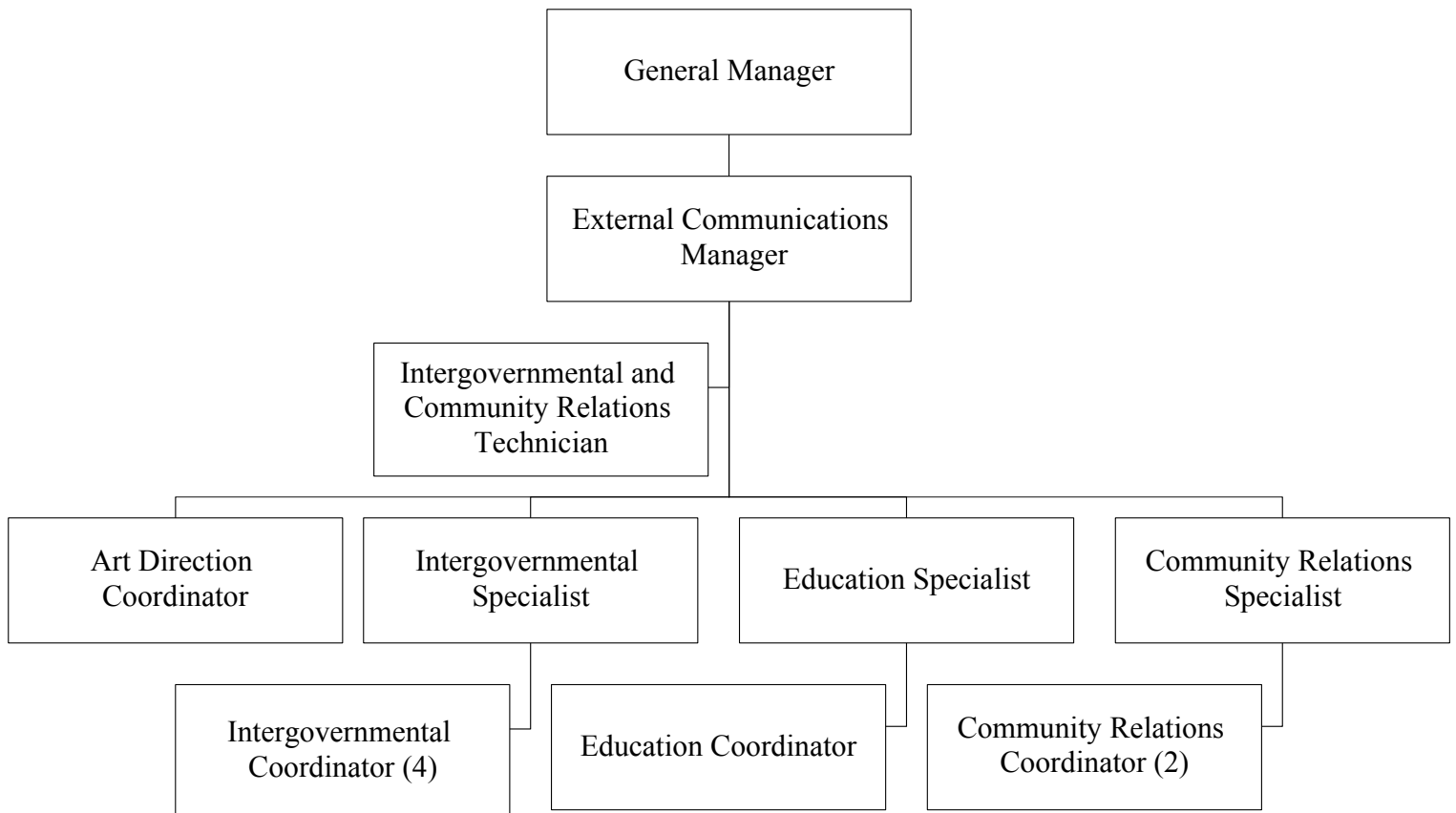
Geographic Information System (GIS) Strategic Plan

This effort is to develop and implement a GIS Strategic Plan for the River Authority. In FY 2014/15, this effort included stakeholder meetings with internal River Authority departments to gather the current state of GIS used and knowledge of future GIS needs. During that year, this effort also included a system-wide survey assessment of the current GIS system at the River Authority to help identify areas of opportunity. The finalized GIS Strategic Plan includes an annual work plan as well as a five to ten year plan for GIS use across the organization. GIS is a key tool in providing management information and facilitating sound decision making. This effort will be the on-going implementation of the strategic plan.

Authorized Positions

	Pay Grade	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Information Technology Manager	134	1	1	1
Database Administrator	123	1	1	0
Network Administrator	123	1	1	1
Database Specialist	122	0	0	2
Senior GIS Developer	122	1	1	1
Systems Administrator	122	1	1	1
Web Administrator	122	1	1	1
Web Developer	121	1	1	1
GIS Analyst	118	2	2	3
Information Support Coordinator	117	1	1	0
Computer Technician	115	1	1	1
<i>Total Authorized Positions</i>		<i>11</i>	<i>11</i>	<i>12</i>

Intergovernmental and Community Relations



Intergovernmental and Community Relations

Department Description

The mission of the Intergovernmental and Community Relations Department (IGCR) is to effectively communicate with, inform and educate the public and increase awareness of the San Antonio River Authority's identity, services and projects. IGCR staff works to manage the River Authority's image within and outside of the district to advance the agency's mission. Staff facilitates the River Authority's local, state, federal and international governmental affairs, community and media relations, educational outreach and public events.

Department Objectives

- ✓ Provide external communications support by working directly with departments, program leaders and project managers in the development of communications tools designed to increase awareness of the River Authority's services, projects, mission and goals.
- ✓ Foster efficient and effective intergovernmental relationships to secure the River Authority's leadership role in developing and implementing holistic watershed solutions.
- ✓ Manage legislative and congressional activities to ensure that the River Authority and its project partners capitalize on opportunities and avoid delays in, or roadblocks to, achieving defined goals and objectives.
- ✓ Direct the River Authority's participation in communications and public involvement programs, including those for the Bexar Regional Watershed Management (BRWM) partnership, San Antonio River Improvements Project (SARIP), San Pedro Creek Improvements Project, Westside Creeks Restoration Project and the Wilson, Karnes and Goliad Watershed Summits.
- ✓ Promote positive media relationships and seek positive exposure in the media within and outside of the district.
- ✓ Organize and conduct events designed to educate the general public, River Authority employees and other agencies about the River Authority, its services and programs.
- ✓ Provide assistance to groups with missions consistent with the River Authority's.
- ✓ Develop outreach projects and education programs throughout the San Antonio River Watershed targeting school-aged children, adults and community leaders.
- ✓ Coordinate responses to and visits from foreign governments, agencies and individuals seeking information and/or assistance from the River Authority.
- ✓ Strive to lead by example and set the agency standard for both internal and external customer responsiveness.
- ✓ Cultivate a work environment within IGCR that fosters professional growth among the team members, recognizes both individual and team successes and supports a positive team atmosphere.

Strategic Plan Annual Objectives and Action Items

IGCR has responsibility for assisting in completing the following action items incorporated under objectives that are included in the River Authority's organization wide strategic plan.

3. Increase attendance and improve visitor experience at the River Authority parks.
 - Action item:* Assist with the promotion of the River Authority's parks
 - Action item:* Assist with the development, implementation and promotion of the River Authority's park events

4. Improve and expand the River Authority parks and paddling trail infrastructure to facilitate increased utilization of the River Authority parks.
 - Action item:* Assist in the development of new signage for the River Authority's parks to ensure consistent messaging and appearance across the River Authority's communication platforms

6. Identify two pilot neighborhood-scale projects to document the effectiveness of a suite of best management practices in improving stormwater quality.
 - Action item:* Assist with identifying areas for implementation
 - Action item:* Develop and implement outreach research to engage the community residents, schools and businesses
 - Action item:* Conduct outreach to elected officials, government staff and community leaders
 - Action item:* Develop and implement outreach plan based on an assessment of the outreach research

7. Ensure approval and implementation of Low Impact Development/Natural Channel Design in the City of San Antonio's 2015 Unified Development Code amendment process.
 - Action item:* Assist with outreach to community, government staff and elected officials

8. Implement agricultural and wildlife best management practices in our District that improves water quality and promotes riparian health.
 - Action item:* Maintain communication and relationships with State Soil and Water Conservation Boards and the Natural Resources Conservation Service
 - Action item:* Conduct outreach to community, government staff and elected officials

10. Encourage the growth of our utility systems by adding 300 connections to the wastewater treatment system and by expanding our customer base for reuse water.
 - Action item:* Assist with the promotion of the Graytown Property

Additional 2015/16 Goals

- Monitor the Texas Legislature during the interim and participate, as necessary, in any called Special Sessions of the Texas Legislature.
- Prepare and implement an annual Congressional agenda.
- Support existing and develop new educational outreach programs and initiatives that demonstrate the River Authority’s expert leadership in watershed issues relevant to the San Antonio River Basin.
- Administer the South Central Texas Regional Water Planning Group (Region L) by coordinating with Texas Water Development Board, the planning group and consultants as they develop the region’s fifty-year water plan.
- Administer and participate as a member in the Regional Water Alliance to develop collaborative water projects, training and planning.

<i>Appropriations:</i>	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Personnel Expenditures	\$ -	\$ -	\$1,009,521
Operating Expenditures	518,094	1,006,474	1,413,500
Capital Expenditures	-	1,099	-
<i>Total Appropriations</i>	<i>\$518,094</i>	<i>\$1,007,573</i>	<i>\$2,423,021</i>

Program Justification and Fiscal Analysis

The Intergovernmental and Community Relations (IGCR) FY 2015/16 Budget reflects a significant increase in comparison to the FY 2014/15 estimate. The most significant cause for this change is the budget approach implemented in this budget. In FY 2014/15, personnel expenses for IGCR, and all Organizational Support functions, were appropriated and expensed in the Organizational Support budget. Moving the cost of personnel into the IGCR budget better reflects the total cost of this function.

The budget for operating expenses also increases in FY 2015/16 in comparison to the FY 2014/15 estimates. The largest operating expense for IGCR relates to the River Authority’s outreach and media campaign. In FY 2015/16, the budget includes both the normal annual advertising costs as well as the cost to place the commercials completed in late FY 2014/15. It was originally anticipated that this cost for placing the commercials would occur in FY 2014/15. However, the timing of completion of the commercials will result in costs being realized in FY 2015/16.

The FY 2015/16 Budget includes a new program to be managed by IGCR – Agricultural Waste Collection Events which will provide agriculture producers a safe location to dispose of chemicals, fertilizers and other items associated with agriculture production. The River Authority may be one of the first in the State to sponsor and fund such an event.

Efforts

Community Assistance

The River Authority is dedicated to assisting communities within the district through promotion of partnerships and alliances with counties, cities, and other agencies, and through optimization of available funds. This effort will continue to support all River Authority programs in Bexar, Wilson, Karnes and Goliad counties and serves to identify needs. Activities include regular visits with the communities through participation in related organizations, attendance at community meetings, and referrals from River Authority partners and employees. The goal of this effort is to support the River Authority's service goals and objectives by sharing River Authority staff expertise and resources within the district.

Educators' Conference

The Eleventh Annual Water: A Living Lesson Educators' Conference is sponsored by the Edwards Aquifer Authority, University of Texas at San Antonio, Education Service Center Region 20, San Antonio River Authority, and San Antonio Water System, and continues the tradition of providing educators diverse opportunities to learn innovative, interactive, and tested methods of teaching water subjects. It explores practical, up-to-date examples of successful educational programs and materials through 40 interactive sessions of workshops and field trips to provide educators with physical resources and strategies for developing comprehensive water lessons to take back into the classroom. The River Authority's participation includes conference sponsorship and planning, preparation of the conference booklet and promotional materials, and presentation of workshops and field trips.

Environmental Awareness Initiative

As an active leader in environmental stewardship and water quality issues, the River Authority has developed an environmental awareness initiative designed to inform the entire San Antonio River watershed community on ways citizens can protect and preserve the environment of the San Antonio River and its tributaries. The River Authority's commitment to this environmental education and outreach initiative is long-term, and as such, this initiative continues to evolve over time to include other outreach programs. Through public and private sector cooperation, as well as with a potential increase of funding support for the environmental awareness initiative, the River Authority could maximize its efforts to develop a long-term outreach program that would help influence appreciation for the San Antonio River watershed.

River Reach Quarterly Newsletter

The River Authority's quarterly newsletter provides information to the public about the River Authority's activities throughout the watershed.

Witte Center for Rivers and Aquifers

The Witte Museum is developing a new building to house the Center for Rivers and Aquifers. The River Authority has an opportunity to assist in the creation of the exhibits in the new building and retain some branding visibility when the building is complete and open. The current timeline for this building to be developed is in the third phase of the Witte's capital campaign, and details as to the River Authority's involvement have been tabled until a later date. In the meantime, the River Authority's ongoing programming and exhibit support of the Witte are being billed to the Center for River and Aquifers to track the overall investment in the Witte Museum for branding

River Authority's ongoing programming and exhibit support of the Witte are being billed to the Center for River and Aquifers to track the overall investment in the Witte Museum for branding recognition. The actual development of the Center for Rivers and Aquifers is still several years away and is dependent on the Witte's capital campaign.

Authorized Positions

	Pay Grade	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Manager - External Communications	134	1	1	1
Intergovernmental Specialist	124	1	1	1
Community Relations Specialist	122	1	1	1
Education Specialist	122	1	1	1
Water Resources Administrator	121	1	1	0
Art Direction Coordinator	118	1	1	1
Education Coordinator	117	1	1	1
Community Relations Coordinator	117	2	2	2
Intergovernmental Coordinator	117	2	3	4
Water Resources Coordinator	114	1	0	0
Intergovernmental and Community Relations Technician	112	1	1	1
Intern PT		2	2	2
<i>Total Authorized Positions</i>		<i>15</i>	<i>15</i>	<i>15</i>

Program Support

Description

Through FY 2014/15, the Program Support budget included personnel costs from departments that carry out the programs and services of the organization. These departments in the General Fund included Watershed Engineering, Environmental Sciences, Real Estate and Watershed and Park Operations. This budget also accounted for some project costs.

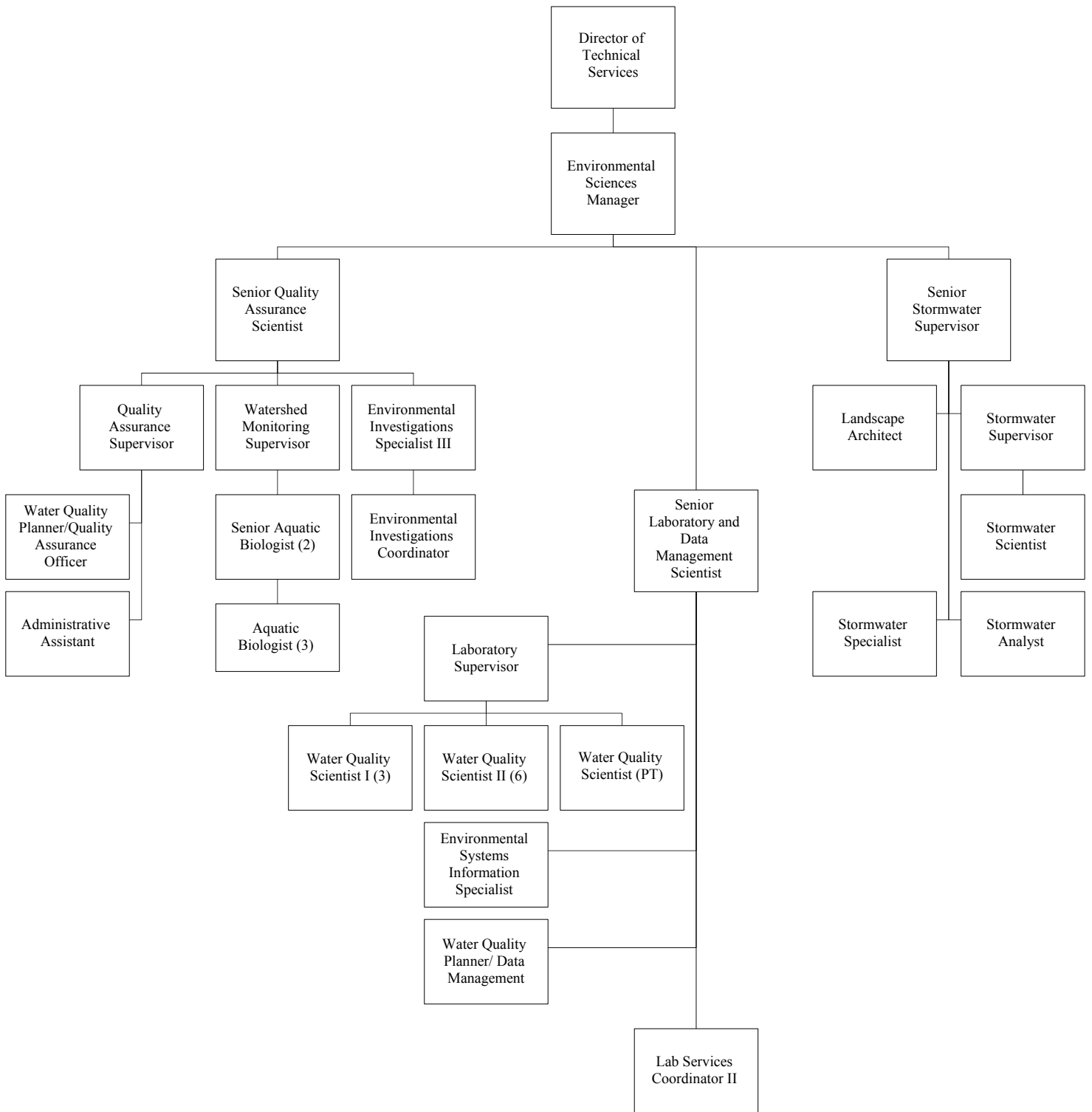
In FY 2015/16, personnel costs are appropriated in each department's budget.

<i>Appropriations:</i>	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Personnel Expenditures	\$8,193,446	\$8,703,230	\$ -
Operating Expenditures	550,343	960,046	-
Capital Expenditures	-	-	-
<i>Total Appropriations</i>	<i>\$8,743,789</i>	<i>\$9,663,276</i>	<i>\$ -</i>

Program Justification and Fiscal Analysis

As stated, through FY 2014/15, the Program Support budget included appropriations for staff in the departments providing programs and services to the citizens and the River Authority's partners. This included Watershed Engineering, Environmental Sciences, Real Estate and Watershed and Park Operations. In addition, Program Support included appropriations related to some projects undertaken by River Authority staff. In FY 2015/16, personnel costs are appropriated in each department's budget. All project and other organization-wide expenditures are now included in the departmental budgets or in the Organizational Support budget of the General Fund.

Environmental Sciences



Environmental Sciences

Department Description

The Environmental Sciences Department (ESD) provides research, data gathering, scientific assessment and environmental coordination functions for the San Antonio River Authority regarding water quality and environmental planning, pollution prevention, resource protection, stormwater, ecosystem restoration, instream /environmental flow needs, sustainability, public health issues and public outreach. ESD provides services in the following areas: water quality/environmental monitoring, laboratory operations, pollution investigation, quality assurance, data management, water quality planning and assessments, stormwater monitoring, and environmental support and collaboration for other River Authority departments. ESD strives to be a full service resource for other River Authority departments, agencies, and businesses that must comply with water-related environmental and public health regulations. Through the services provided by ESD, citizens in the San Antonio River Basin realize improved water quality and ecosystem health and optimum management of water resources including stormwater.

Department Objectives

- ✓ Continue activities in data and information-gathering that include in-stream flow studies, basin-wide water quality data collection, stormwater monitoring, aquatic community composition surveys, stream and riparian habitat assessments, non-point source pollution assessments, and bay and estuary freshwater inflow studies.
- ✓ Encourage incorporation of low impact development and other stormwater best management practices into public and private development projects through creation of incentives, elimination of barriers, as well as continuing education, outreach and training.
- ✓ Coordinate with other River Authority departments on activities and projects that have environmental components and provide assistance in resolving environmental concerns.
- ✓ Serve as the State's planning agency to administer and implement the Clean Rivers Program in the San Antonio River Basin.
- ✓ Continue to contract with the State, or other entities, for projects or programs such as Total Maximum Daily Load (TMDL), Watershed Protection Plans, Instream Flows, or special studies.
- ✓ Continue to monitor water quality in the basin and expand water quality laboratory services as well as stormwater monitoring, planning and assessment activities, and instream flow monitoring.
- ✓ Enhance inter-agency coordination efforts to advance basin-wide water quality planning efforts and promote integrated management practices to realize increased water quality and riverine community health.
- ✓ Continue serving the growing needs of the regulatory, scientific, academic, and resource management communities.

Strategic Plan Annual Objectives and Action Items

The Environmental Sciences Department will be responsible for completing the following action items incorporated under the objectives that were included in the San Antonio River Authority's organization wide strategic plan.

1. Expand expertise by implementing techniques for water quality monitoring by developing bacteria source tracking (BST) capabilities and obtaining TNI certification for metals in sediment.
 - Action Item:* Obtain National Environmental Laboratory (NELAC) accreditation for metals in sediment.
 - Action Item:* Set up BST instrument and begin method development for analysis.
 - Action Item:* Demonstrate BST capability for qualitative Hum an vs. Non-Hum an determination.

5. Engage in the endangered species listing process for mussels by providing completed mussel surveys of Cibolo Creek and the San Antonio River to the US Fish and Wildlife Services.
 - Action Item:* Submit the completed Cibolo Creek mussel survey and supporting data to US Fish and Wildlife (USFWS) to be included in the Candidate Notice of Review (CNOR).
 - Action Item:* Meet with USFWS to ensure data generated by the River Authority is used in annual CNOR for listing decision.
 - Action Item:* Initiate and complete mussel survey of the San Antonio River and provide results to USFWS and Texas Parks and Wildlife Department

6. Increase the community awareness of Low Impact Development (LID)/Natural Channel Design (NCD) through public outreach and the development of a LID rebate program.
 - Action Item:* Create the rebate program application and administration process.
 - Action Item:* Oversee promotion of the rebate program to target audiences.
 - Action Item:* Administer first year rebates for qualifying projects.

Additional 2015/16 Goals

- Continue providing laboratory testing services to public drinking water systems in support of the Total Coliform Rule and the Lead and Copper Program.
- Continue to promote awareness of laboratory testing services.
- Complete two biological sampling events on San Juan Remnant
- Implement pilot effort for paperless field data collection
- Implement two automated storm samplers
- Develop and obtain NELAC accreditation for mercury in sediment.
- Research and develop at least two soil testing methods.
- Expand laboratory capabilities to enhance the River Authority's understanding of sediment issues in rivers and streams.
- Research and begin to develop bacterial source tracking capabilities to identify sources.
- Perform studies to support development of a Candidate Conservation Agreement with assurances for the Golden Orb Mussel and other mussels at risk.
- Conduct sampling on Cibolo Creek as part of a holistic freshwater mussel survey and conduct a qualitative mussel survey on Westside Creeks in Bexar County.
- Expand expertise in and conduct storm water sampling and analysis to support long-term instream data needs, water quality modeling efforts and low impact development.
- Serve as the program administrator and lead planning agency for the Texas Commission on Environmental Quality (TCEQ) San Antonio River Basin Clean Rivers Program.

- Work as a partner/contractor/stakeholder with the TCEQ in all TMDL-related and other basin activities.
- Conduct water quality sampling and analysis for the National Park Service.
- Support the Bexar Regional Watershed Management with water quality planning, stream monitoring and data collection, and laboratory and staff services.
- Support awareness and outreach efforts to address water quality concerns.
- Conduct intensive water quality sampling to support water quality modeling efforts.
- Conduct special bacterial contamination monitoring to identify and document sources.
- Provide field and/or laboratory support to Edwards Aquifer Authority, Goliad County Groundwater Conservation District, San Antonio Water System, City of San Antonio, Texas Parks and Wildlife, and Texas Department of Transportation environmental monitoring efforts.
- Evaluate the aquatic habitats in the San Antonio River Watershed to aid in determining instream flow needs, sustainability of a recreational fishery, and reintroduction of native fish species.
- Provide support for the bay and estuary freshwater inflow and marsh wildlife studies conducted by the University of Texas and others on the San Antonio Bay.
- Maintain National Environmental Laboratory Program Accreditation for the Environmental Science Department Laboratory.
- Investigate citizen and agency pollution complaints, fish kills, hazardous material spills, illegal disposal of refuse, and inappropriate flood plain filling or encroachment of River Authority property.
- Perform site evaluations and inspections for pipeline crossings.
- Increase the Environmental Sciences Department Laboratory's efficiency and reduce sample turn-around time by enhancing current work-flow processes.
- Support sustainability activities at the River Authority.
- Support non-point source pollution reduction activities within the San Antonio River Basin.
- Investigate watershed protection plans for San Antonio River sub-basins.
- Seek partnering opportunities with other agencies and local governments.
- Initiate steps to develop a searchable GIS Interface by
 - Review current and proposed tools for inclusion into GIS
 - Identifying and prioritizing datasets to be included
 - Identifying needed structure of datasets
 - Identify desired functions of GIS

Appropriations:

	<u>FY 2013/14</u>	<u>FY 2014/15</u>	<u>FY 2015/16</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Budget</u>
Personnel Expenditures	\$ -	\$ -	\$2,629,689
Operating Expenditures	859,969	759,918	803,392
Capital Expenditures	60,118	427,500	7,000
<i>Total Appropriations</i>	<i>\$920,087</i>	<i>\$1,187,418</i>	<i>\$3,440,081</i>

Program Justification and Fiscal Analysis

The Environmental Sciences FY 2015/16 Budget reflects a significant increase in comparison to the FY 2014/15 estimate mainly because of the change in budget approach implemented in this budget as well as funding for some new resources. In FY 2014/15, personnel expenses for Environmental Sciences, and all program support functions, were appropriated and expensed in the Program Support budget. Moving the cost of personnel into the Environmental Sciences budget better reflects the total cost of this function.

This increase in personnel expenses is partially offset by a reduction in capital expenses. In FY 2014/15 the Environmental Science Department moved forward in purchasing and replacing several outdated pieces of equipment as well as acquiring a new metal analysis instrumentation and mercury analyzer to develop and obtain National Environmental Laboratory (NELAC) accreditation for mercury in sediment.

The FY 2015/16 budget identifies \$234,684 for new resources for Environmental Sciences. Included in this funding is \$15,000 for a mock assessment for the entire laboratory to ensure that compliance is met prior to proceeding with NELAC accreditation for mercury in sediment. The FY 2015/16 Budget also recognizes the efforts the River Authority has and will continue to provide to mitigate stormwater runoff into the San Antonio River and its tributaries. A new section is being created in the Environmental Services Department specifically to address these stormwater issues. One position is being authorized and funded, a Stormwater Senior Supervisor and another is moving from Watershed Engineering to Environmental Sciences to provide additional resources for the River Authority's stormwater efforts. The Environmental Sciences budget also includes \$11,000 for biological and sampling contracted services to supplement field/lab staff and \$7,000 in new funding for a flash camera at an additional site to monitor dumping and illegal activities.

Efforts

Development of a Big Green Map

The San Antonio River Authority (River Authority) is collecting data on constructed stormwater Best Management Practices (BMPs), including low impact development features, and will compile the data into a map of the features. The map will provide a snapshot of where BMPs are as well as their type. The maps will be used in conjunction with the River Authority's water quality models to assess the cumulative impacts of the features.

LID Design Review

This effort is an initiative to provide technical assistance to San Antonio River Authority (River Authority) governmental partners for technical design reviews of Low Impact Development (LID) and Best Management Practices (BMPs). In this effort, the River Authority provides technical comments and assistance to engineers, architects, and landscape architects who are submitting development projects for approval. The River Authority then submits a technical assessment of the development project to the reviewing authority to provide the best technical information available to improve stormwater management. The River Authority has also been promoting LID to the development and design community and is providing courtesy design assistance during their plan development process. In FY 2015/16, the River Authority will pursue an interagency contract with the City to formalize augmentation of City staff in the review of plan sets incorporating LID. The River Authority will continue to provide courtesy LID design support to the development and design community.

Estuary Response

The Estuary Response effort provides support in determining freshwater inflow needs of the San Antonio Bay. This effort partners with the Lower Guadalupe Blanco River Authority to fund two water monitoring stations in San Antonio Bay. Additionally, the River Authority is partnering with the University of Texas to provide technical expertise and guidance in matters involving environmental flows' effects on the ecology of San Antonio Bay estuary system.

Instream Flows Planning

This collaborative effort supports the Texas Instream Flows Program. River Authority staff supports Texas Parks and Wildlife, Texas Water Development Board and the Texas Commission on Environmental Quality in conducting studies, coordinating efforts, reporting, and working with stakeholders for the Lower San Antonio River and the Lower Cibolo Creek. The goal of this effort is to develop flow recommendations that maintain a sound ecological environment. The final report is due to the State by December 2016.

National Park Service (NPS) Monitoring

The River Authority's Environmental Sciences Department conducts bi-monthly (every other month) water quality sampling at four established sites within the San Antonio Missions National Historical Park, including Piedras Creek, Acequia De Espada, Acequia de San Juan De Capistrano and the San Antonio River at the San Juan De Capistrano Mission. This effort monitors water quality, instream and riparian habitat conditions, and fish and benthic macrobenthic communities in the San Antonio Missions National Historical Park to provide data to the National Park Service National Inventory.

Texas Department of Transportation (TxDOT) Stormwater Monitoring

Staff in the Environmental Sciences Department (ESD) maintains and operates the Texas Department of Transportation (TxDOT) remote automated sampler located at the intersection of Highway 151 and Ingram Road. Stormwater samples are collected quarterly at this site and are delivered to the River Authority ESD laboratory for analysis. The raw data is made available to TxDOT, which is invoiced monthly for the service. The data is used as compliance monitoring for the Municipal Separate Storm Sewer System (MS4) Permit held by TxDOT, the City of San Antonio and the San Antonio Water System.

Tributary Modeling

The Digital Flood Insurance Rate Map (DFIRM) efforts in Bexar, Wilson, Karnes, and Goliad counties generated detailed computer models of the primary and some secondary streams within the San Antonio River Watershed. The models were used to estimate and map the 1 percent annual chance flood event, commonly referred to as the 100-year flood. Over 1,000 stream miles were modeled under that effort; however, many streams still need to be modeled so that Federal Emergency Management Agency (FEMA) DFIRM floodplains can be developed. The purpose of this effort is to create limited detail floodplain models for the unstudied streams to serve as base models for developing Zone A floodplain boundaries for the unmapped areas and to serve as the basis for more detailed studies as needed. These new models will also be integrated into the River Authority's flood monitoring and response efforts as they become available.

Water Quality and Database Interface

This effort focuses on the enhancement and improvement of the water quality web mapping applications that were created by the River Authority. The original scope of the project was to restructure and reformat the then current surface water quality database schema to meet the needs of the public and the internal staff at the River Authority and to create an interactive website with geographic information system (GIS) functionality that could access the water quality data. Both River Authority staff and the general public will be able to retrieve surface water quality data collected within the San Antonio River Watershed using the GIS application. Users will be able to retrieve data using multiple selection options: single station, multiple stations, and by zippered segment or county surface water quality data files. Two GIS applications were created - one on SARAnet for internal River Authority staff and one on the external website for the general public. The purpose of this effort is to enhance both applications, addressing any issues that arise and adding any tools or features that will meet internal and external customers' needs.

Integrity Pipeline Crossing

The River Authority is working to incorporate pipeline Best Management Practices (BMPs) into the Eagle Ford Best Practices Handbook for the installation as well as the operations and maintenance of oil and gas pipelines. To ensure the pipelines crossing rivers and creeks are properly installed and maintained, staff has been working to identify all the pipeline crossings without permits or easements. In FY 2015/16, staff will continue to reach out to companies without permits and will continue to hold table top exercises with the downstream communities and the oil and gas companies. The River Authority will also work with the Pipeline Research Council International Technology Development Center to incorporate their BMPs into the handbook.

Authorized Positions

	Pay Grade	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Environmental Sciences Manager	135	1	1	1
Senior Laboratory and Data Management Scientist	129	0	0	1
Senior Quality Assurance Scientist	129	0	0	1
Senior Stormwater Supervisor	129	0	0	1
Environmental Services Superintendent 126		1	1	0
Landscape Architect	125	0	0	1
Stormwater Specialist	125	0	0	1
Laboratory Supervisor	122	1	1	1
Watershed Monitoring Supervisor	122	1	1	1
Quality Assurance Supervisor	122	1	1	1
Environmental Investigation Specialists III	121	0	0	1
Environmental Systems Information Specialist 120		1	1	1
Stormwater Analyst	120	0	0	1
Stormwater Supervisor	120	1	1	1
Water Quality Scientist Senior	120	1	1	0
Environmental Investigation Specialist	119	1	1	0
Aquatic Biologist Senior	118	1	1	2
Water Quality Planner/Data Management 118		1	1	1
Water Quality Planner/Quality Assurance Officer	118	1	1	1
Water Quality Scientist II	118	0	0	6
Environmental Investigations Coordinator 117		1	1	1
Laboratory Services Coordinator II	117	0	0	1
Water Quality Scientist I	116	8	9	3
Laboratory Services Coordinator	116	1	1	0
Aquatic Biologist	116	3	5	3
Stormwater Scientist	116	0	0	1
Administrative Assistant	109	1	1	1
Water Quality Scientist	PT	0	0	1
Intern PT		1	1	2
Total Authorized Positions		27	30	36

Intergovernmental and Community Relations – Water Resources

Description

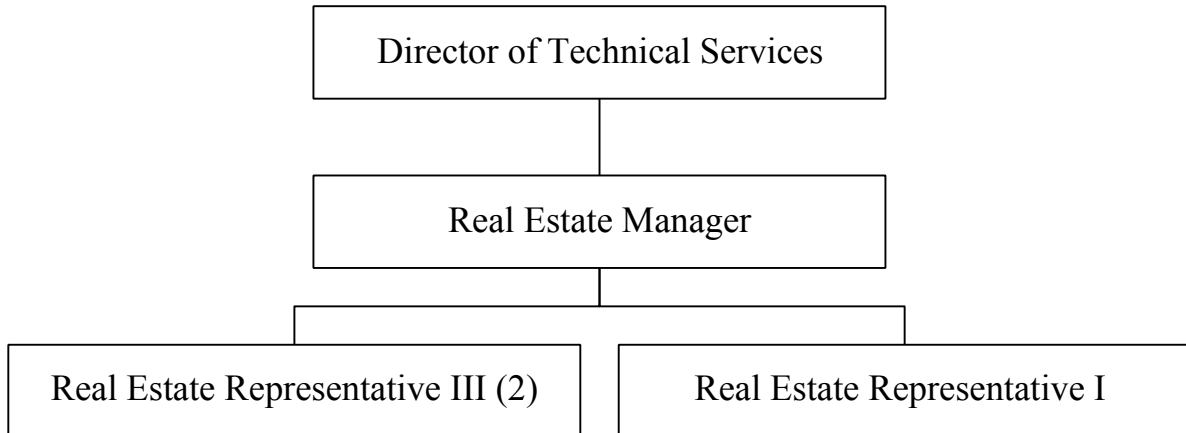
The Intergovernmental and Community Relations Department had responsibility to manage the River Authority's water resources activities. Therefore, through FY 2014/15, these expenses were budgeted and managed in this departmental activity budget. In FY 2015/16, these costs are included in the Organizational Support budget. Various activities relate to water resources management. Staff administer the South Central Texas Regional Water Planning Group (Region L) by coordinating with Texas Water Development Board, the planning group and consultants as they develop the region's fifty-year water plan. The River Authority also administers and participates as a member in the Regional Water Alliance to develop collaborative water projects, training and planning. Staff administers the Regional Water Resource Development Group's leasing and purchasing Edwards Aquifer groundwater withdrawal rights. Staff also updates and maintains a water rights library for the San Antonio River Basin and solicit the purchase or donation of these rights.

<i>Appropriations:</i>	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Operating Expenditures	\$6,045	\$45,000	\$ -
<i>Total Appropriations</i>	<i>\$6,045</i>	<i>\$45,000</i>	<i>\$ -</i>

Program Justification and Fiscal Analysis

In FY 2015/16, all costs related to these water resources activities are appropriated in the Organizational Support budget.

Real Estate



Real Estate

Department Description

The Real Estate Department provides real estate and water rights acquisition and disposition services as well as property management for the San Antonio River Authority. The department works with River Authority programs to fulfill their real estate and water rights acquisition needs.

Department Objectives

- ✓ Provide high quality real estate, water rights, and property management services.
- ✓ Provide excellent customer service, exhibiting responsiveness and accountability in a professional and timely manner.
- ✓ Provide property management services on River Authority lands using three guiding principles:
 - 1) Encourage the best land use in concert with River Authority enabling legislation and mission
 - 2) Enhance the value of the River Authority's real property assets including maximizing revenue on the River Authority's assets consistent with its sustainability goals
 - 3) Maintain an efficient approval process.

Strategic Plan Annual Objectives and Action Items

The Real Estate Department has the responsibility to support completion of the following action items incorporated under objectives that are included in the San Antonio River Authority's organization wide strategic plan.

10. Encourage the growth of our utility systems by adding 300 connections to the wastewater treatment system and by expanding our customer base for reuse water.
 - Action item:* Coordinate with the River Authority's Utilities staff to determine possible commercial reuse customers in the River Authority's service areas.
 - Action item:* Have the Graytown property appraised and have staff evaluate sale options vs. design-build/finance through a Public Private Partnership (P3) for plant construction.

12. Begin implementation of Phase 1 of the GIS strategic plan by building a solid foundation of GIS management and development through quality and organized data, users, and system architecture including support for a dynamic basin assessment.
 - Action item:* Real Estate will work with GIS staff to identify, organize, prioritize updates to key business GIS data inventory to re-build centralized database to make it intuitive and increase usability specifically for data related to the real estate function.

Additional 2015/16 Goals

- Acquire land rights for the following River Authority projects: San Pedro Creek Improvements Project, Westside Creeks Restoration Project, Olmos Creek Aquatic Ecosystem Restoration Project, and dam rehabilitation projects.
- Acquire and lease water rights for Regional Water Resource Development Group (RWRDG).
- Manage land rights acquisition for the Bexar County Flood Control Capital Improvements Program.
- Explore the use of solar energy at River Authority wastewater treatment plants to offset energy consumption.
- Assist in the implementation of the San Antonio River Basin Plan for Nature-Based Park Resources by acquiring necessary land rights for paddling trail access sites along the Medina and San Antonio Rivers.
- Promote Low Impact Development in the San Antonio River Basin.
- Resolve encroachments on River Authority property as needed.

Appropriations:	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Personnel Expenditures	\$ -	\$ -	\$390,523
Operating Expenditures	42,366	44,100	50,125
Capital Expenditures	-	-	-
Total Appropriations	\$42,366	\$44,100	\$440,648

Program Justification and Fiscal Analysis

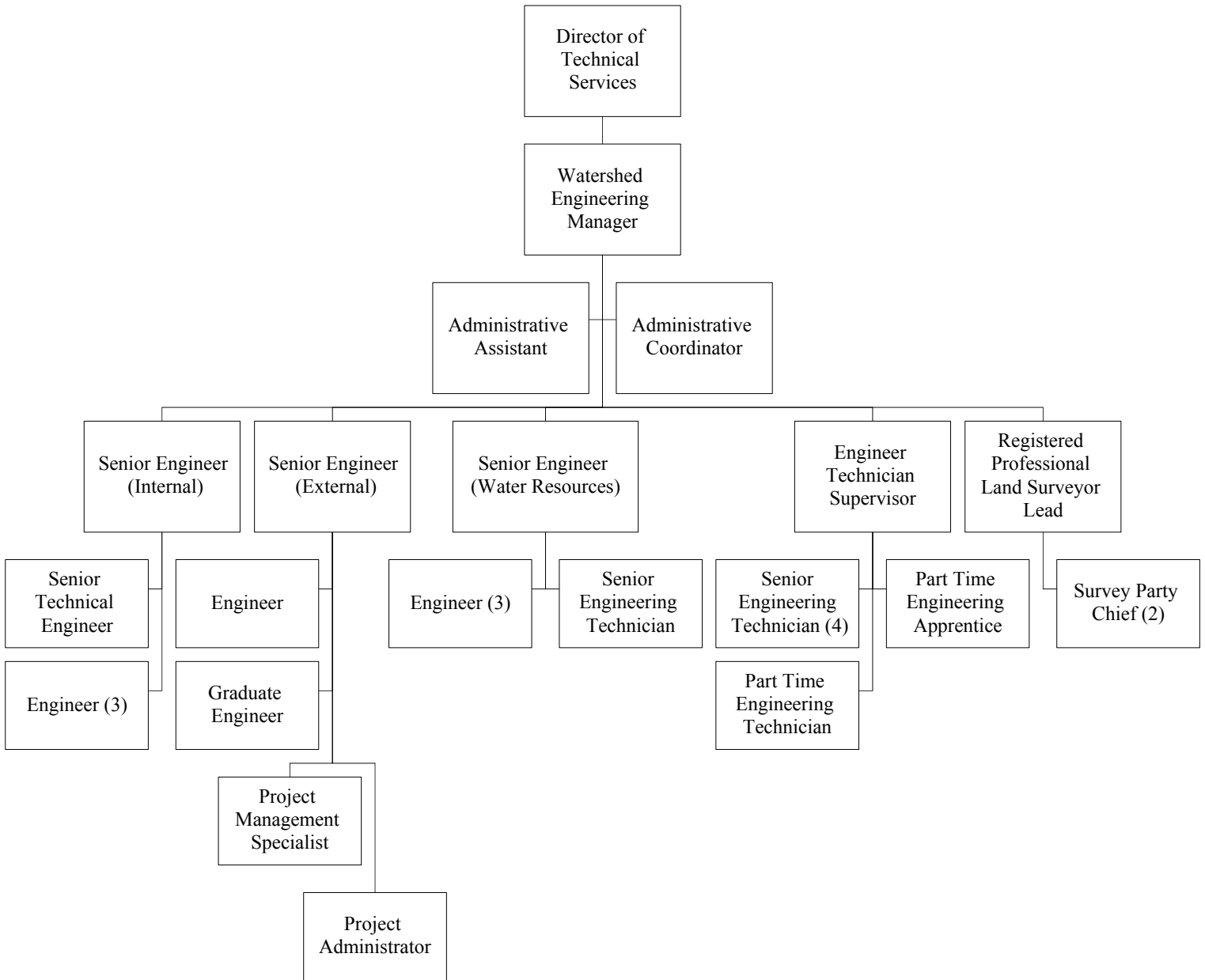
The Real Estate FY 2015/16 Budget reflects a significant increase in comparison to the FY 2014/15 estimate. The most significant cause for this change is the budget approach implemented in this budget. In FY 2014/15, personnel expenses for Real Estate, and all program support functions, were appropriated and expensed in the Program Support budget. Moving the cost of personnel into the Real Estate budget better reflects the total cost of this function.

The budget for operating expenses also increases because of funding provided for legal services related to property acquisition. The level of services required varies from year to year depending on the needs of the organization in acquiring property. The budget provides sufficient funding for a higher demand for legal services should the need arise.

Authorized Positions

	Pay Grade	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Manager – Real Estate	133	1	1	1
Real Estate Representative III	121	3	3	2
Real Estate Representative I	117	0	0	1
Total Authorized Positions		4	4	4

Watershed Engineering



Watershed Engineering

Department Description

The Watershed Engineering Department provides technical support and project management for capital improvement projects, water resource planning, and all other technical programs for the San Antonio River Authority. This department provides support and resources for the design, drafting, surveying, construction administration, inspection, and technical reviews necessary for implementation of stream and riparian restoration, sustainable storm water management, river restoration, wastewater collection and treatment, reuse water, water quality and supply, parks and recreation, and other related projects. Department staff is charged with developing and maintaining the River Authority's regional mapping and modeling programs within the San Antonio River Basin. The department works with cities and counties in the River Authority's jurisdiction to assist them in floodplain administration, selection and prioritization of capital projects, and development of regional models and modeling standards. As part of the Bexar Regional Watershed Management (BRWM) partnership, the Watershed Engineering Department works with staff from the City of San Antonio, Bexar County and suburban cities to maximize sustainability and efficiency, reduce duplication, and to make decisions on a holistic watershed basis. The Watershed Engineering Department is also supporting the Environmental Sciences Department with the development and application of water quality models. The department's mission is to provide quality professional engineering services and to plan and implement projects and programs in a timely and cost effective manner.

Department Objectives

- ✓ Provide quality engineering services, project management, and technical support with emphasis on excellent customer service that reflects professionalism, responsiveness and accountability as well as utilization of project management best practices.
- ✓ Seek opportunities to expand River Authority engineering assistance throughout the regional boundary.
- ✓ Complete all projects and tasks on schedule, within budget and at a quality that meets or exceeds the customers' expectations.
- ✓ Provide training and opportunities to staff that enhance technical capabilities and provide personal and professional growth opportunities.
- ✓ Consistently produce high quality engineering services to maintain and enhance the River Authority's image as a recognized leader in watershed management.

Strategic Plan Annual Objectives and Action Items

The Watershed Engineering Department has responsibility for completing or assisting with the following action items incorporated under objectives that are included in the San Antonio River Authority's organization wide strategic plan.

1. Develop a strategic plan to identify homes in low risk areas within the floodplain which have a potential to be removed from the floodplain designation with more detailed study rather than a capital improvement project.
 - Action item:* Use Risk MAP to identify homes in the 6-in to 1-ft depth grid.
 - Action item:* Develop funding strategies by attempting to collaborate with FEMA.
 - Action item:* Pilot small area on-the-ground LIDAR capabilities for structure removal from floodplain.
 - Action item:* Develop large scale implementation plan from pilot.
 - Action item:* Define metrics.

6. Identify two pilot neighborhood-scale projects to document the effectiveness of a suite of best management practices in improving stormwater quality.
 - Action item:* Identify watersheds and/or subwatersheds and measurable objectives.
 - Action item:* Assist technical staff as necessary with the selection of the two targeted areas.

8. Implement agricultural and wildlife best management practices in our District that improves water quality and promotes riparian health.
 - Action item:* Develop agreements between the National Resources Conservation Service (NRCS), Resource Institute, the River Authority, and local soil and water conservation districts to provide technical support via the Regional Conservation Partnership Program (RCPP) grant.
 - Action item:* Develop action plan for the River Authority to address feral hog impact on rivers and creeks.
 - Action item:* Outreach and begin design on Year 1 projects.
 - Action item:* Complete design of best management practices.
 - Action item:* Finalize producer contracts.

Additional 2015/16 Goals

- Support the River Authority's efforts to ensure stormwater sustainability within our rivers and creeks.
- Provide engineering assistance to communities within the River Authority's district upon request to evaluate and respond to specific needs for sustainable stormwater Best Management Practices (BMPs), wastewater, potable water, or reuse water systems or stream restoration projects.
- Provide project management and construction administration of stormwater detention structures designed by the Natural Resources Conservation Service (NRCS), Bexar County Regional Stormwater Facility Program, and/or the San Antonio River debris removal project.
- Provide project management and technical assistance to the Westside Creeks Restoration Project within the San Antonio Channel Improvements Project (SACIP) limits of Alazan, Apache, Martinez and San Pedro creeks.

- Manage the design and construction of linear trails, Elmendorf Lake Park improvements, and the San Pedro Creek Improvements Project.
- Provide strategic leadership to develop Natural Channel Design expertise, train and certify area design and construction practitioners, develop a stream mitigation banking program, and enhance the San Antonio River Basin's sustainability.
- Provide technical assistance to reduce the River Authority's stormwater footprint at its facilities.
- Meet the River Authority's interlocal agreement (ILA) commitments in Bexar County by building and maintaining regional flood control models, updating and further developing portions of the Bexar County Watershed Master Plan, supporting the list of flood control projects for the Bexar County Capital Improvements Projects Bond election, coordinating the use of design standards, and continuing to lead technical focus groups that support the ILA.
- Continue to support the Federal Emergency Management Agency (FEMA) Map Modernization Program in enhancing the Digital Flood Insurance Rate Maps (DFIRMs) for Bexar, Wilson, Karnes and Goliad counties through Risk MAP and Letter of Map Revision (LOMR) Delegation activities.
- Implement and enhance the Floodworks software system real-time flood response system in Bexar County.
- Utilize water quality models for the River Authority district to show impacts of sustainable stormwater best management practices and recommend technical and policy solutions to protect and enhance water quality.
- Manage, develop, and maintain a network of rainfall and stream gauges used to collect data on the San Antonio River and its tributaries.

<i>Appropriations:</i>	<u>FY 2013/14</u>	<u>FY 2014/15</u>	<u>FY 2015/16</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Budget</u>
Personnel Expenditures	\$ -	\$ -	\$2,558,472
Operating Expenditures	2,848,128	2,307,662	1,748,238
Capital Expenditures	49,927	125,500	-
<i>Total Appropriations</i>	<i>\$2,898,055</i>	<i>\$2,433,162</i>	<i>\$4,306,710</i>

Program Justification and Fiscal Analysis

The Watershed Engineering FY 2015/16 Budget reflects a significant increase in comparison to the FY 2014/15 estimate entirely as a result of the change in budget approach implemented in this budget. In FY 2014/15, personnel expenses for Watershed Engineering, and all program support functions, were appropriated and expensed in the Program Support budget. Moving the cost of personnel related to Watershed Engineering into the Watershed Engineering budget better reflects the total cost of this function.

The increase in personnel expenses is partially offset by a reduction in operating expenses. The Watershed Engineering Department's operating expenses are driven in large part by project costs. These projects include studies and models as well as engineering and design. In FY 2014/15, projects that were funded through the General Fund were budgeted in the department that managed

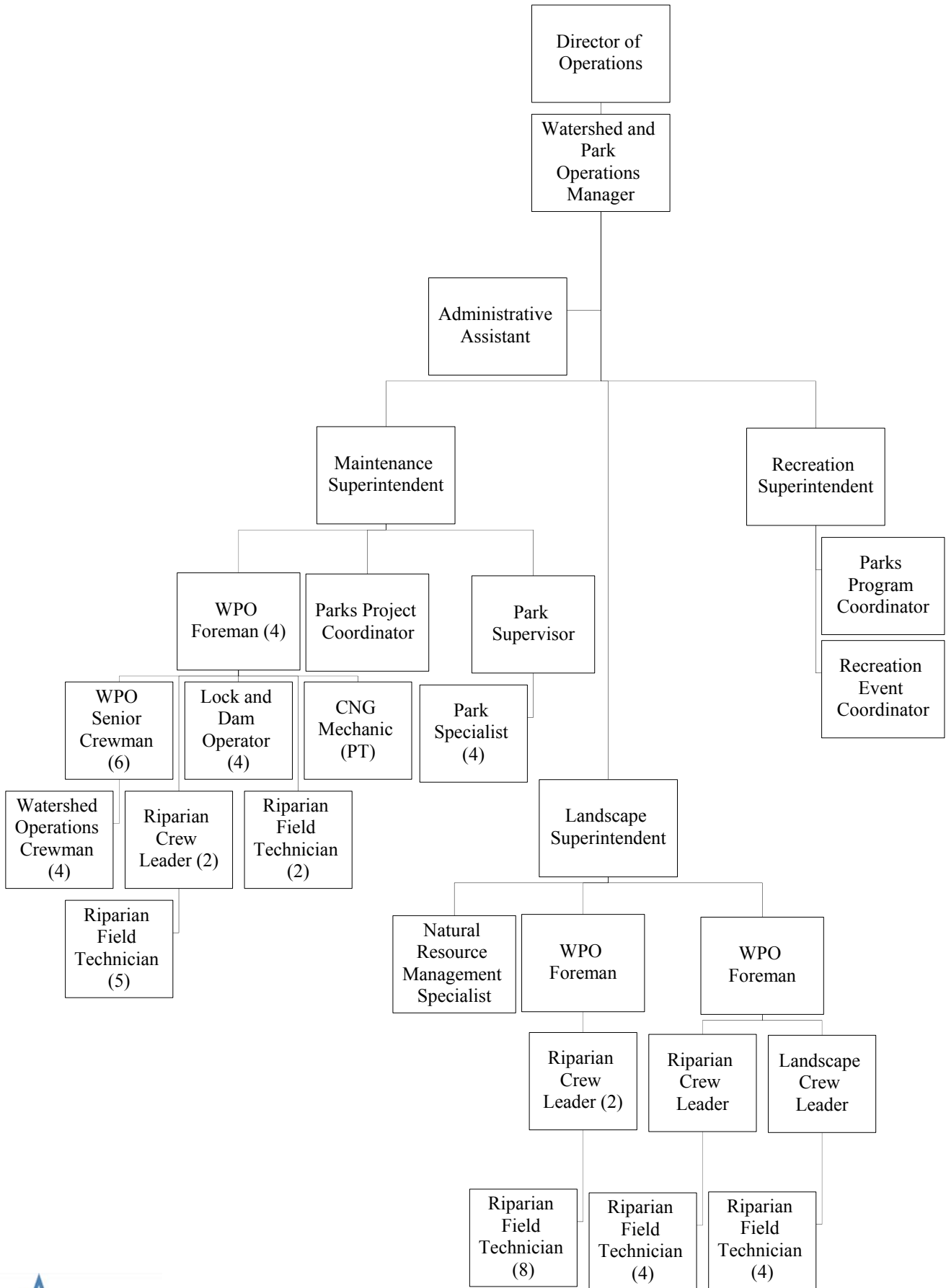
the project. In FY 2015/16, a new fund is created to account for these General Fund funded projects, the San Antonio River Authority Projects Fund. The General Fund is transferring funds to fund a portion or all of these project costs. These project dollars are no longer in the Watershed Engineering budget, significantly reducing the operating expense budget. Efforts and other ongoing studies are funded in FY 2015/16 in Watershed Engineering. These activities as well as general outside professional services make up the majority of the operating appropriations for Watershed Engineering. No capital expenditures are anticipated in FY 2015/16; in FY 2014/15, engineering purchased new survey equipment and a replacement all-terrain vehicle.

The FY 2015/16 Budget also recognizes the efforts the River Authority has and will continue to provide to mitigate stormwater runoff into the San Antonio River and its tributaries. A new section is being created specifically to address these stormwater issues. The section is in the Environmental Services Department. One position is moving from Watershed Engineering to Environmental Services to provide the resources needed for stormwater. The Watershed Engineering budget includes \$77,597 for additional staffing resources to make one part time Engineer position full time and to reclassify another position to assist with stormwater efforts.

Authorized Positions

	Pay Grade	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Watershed Engineering Manager	135	1	1	1
Senior Engineer	130	3	3	3
Senior Technical Engineer	129	0	1	1
Engineer 128		7	7	7
Engineer PT		1	1	0
Landscape Architect	125	0	1	0
Project Management Specialist	125	1	1	1
Registered Professional Land Surveyor Lead	124	1	1	1
Graduate Engineer	123	0	0	1
Project Administrator	121	1	1	1
Engineer Tech Supervisor	120	1	1	1
Engineering Technician Senior	119	4	4	5
Survey Party Chief	117	2	2	2
GIS Tech III	116	1	1	0
Engineering Technician	115	2	1	0
Administrative Coordinator	111	1	1	1
Administrative Assistant	109	1.5	1	1
Engineering Technician	PT	0	0	1
Engineering Apprentice	PT	0	0	1
Intern PT		0	2	1
<i>Total Authorized Positions</i>		27.5	30	29

Watershed and Park Operations



Watershed and Park Operations Department

Department Description

The Watershed and Park Operations Department supports the San Antonio River Authority's dam maintenance, Mission and Museum Reach maintenance, targeted flood debris cleanup, ecosystem management, and parks and river access sites programming, development and maintenance activities. The department is comprised of three teams: Operations, Recreation and Sustainable Landscape Management.

The Operations team supports twenty-eight dams located in Bexar County on the Calaveras, Martinez, Leon and Salado creeks and thirteen in Karnes County on the Escondido Creek, and two miles of flood control channel on Nichols and Escondido Creeks within the City of Kenedy. Operations has responsibilities for an approximate nine mile reach immediately south of the central downtown district on the San Antonio River which includes the Eagleland Reach and Mission Reach Phases I, II and III of the San Antonio River Improvements Project. Along the northern stretch of the river within the Museum Reach, Operations maintains the Urban Segment and Park Segment Phase I. Operations also plans, develops, operates, and manages existing and proposed parks and river access sites, provides technical assistance to internal and external partners, provides targeted flood debris assessments and cleanups along the San Antonio River and its major tributaries within the River Authority's district.

The Recreation team develops and manages the policies and procedures for recreation facility usage within River Authority managed parks, develops and implements regular park programming, creates and executes special recreation events and builds relationships with other public and private entities and recreation user groups. The Recreation team also provides technical assistance in the areas of recreation concept funding, planning, and operating park projects as proposed in the *San Antonio River Basin Plan for Nature-based Park Resources*.

The Sustainable Landscape Management team utilizes sustainable techniques for adaptive management of formal landscapes and natural areas including the Museum and Mission Reach projects, select River Authority facilities and parks areas; and provides leadership and expertise in applied ecology, ecosystem restoration and management and natural resources management. The team provides support for projects, programs and efforts that involve the use of vegetation for wildlife habitat, water conservation and water quality benefits, and utilizes best management practices for native vegetation management for ecosystem restoration.

Department Objectives

- ✓ Deliver a valued public service through the continued implementation of the Dam Management and Safety Program.
- ✓ Maintain a high standard of operational maintenance and performance for federally-assisted flood damage reduction projects.
- ✓ Protect the environmental resources of the San Antonio River Basin by removing significant man-made and natural flood debris that threatens to compromise flood conveyance and/or water quality within the floodplain of the San Antonio River and its major tributaries.

- ✓ Provide regional leadership to increase public opportunities for outdoor recreation, natural resource conservation, and environmental education.
- ✓ Develop and operate safe, clean, and enjoyable nature-based parks and river access sites.
- ✓ Coordinate programs with local government entities to better serve constituents.

Strategic Plan Annual Objectives and Action Items

The Watershed and Park Operations Department has responsibility for completing the following action items incorporated under objectives that are included in the San Antonio River Authority's organization wide strategic plan.

3. Increase attendance and improve visitor experience at River Authority parks.
 - Action item:* Establish a pilot camping program at Helton to execute over Labor Day weekend
 - Action item:* Develop and implement four big events, ten smaller events, and ten field trips at River Authority parks.

4. Improve and expand the River Authority's park and paddling trail infrastructure to facilitate increased utilization of River Authority parks.
 - Action item:* Develop signage standards for our parks
 - Action item:* Develop a River Authority parks master plan to include a business plan and project list
 - Action item:* Continue to develop Helton, CR 125 and Catfish Farm parks

Additional 2015/16 Goals

- Coordinate with the City of San Antonio's Storm Water Operations Division regarding maintenance activities on the San Antonio Channel Improvements Project/San Antonio River Improvements Project as prescribed by the United States Army Corps of Engineers.
- Continue to build on the proven cooperative efforts with easement landowners and the community to provide a dependable infrastructure for flood damage reduction.
- Participate in the National Resources Conservation Service Small Watershed Rehabilitation Program to upgrade floodwater detention structures in the Martinez Creek Watershed, Calaveras Creek Watershed and Escondido Creek Watershed.
- Continue to coordinate dam rehabilitation modifications in cooperation with Bexar County to fund the Parita Creek Dam (Calaveras Site 10), Binz Engelman Dam (Martinez Site 1), Martinez Creek Dam (Martinez Site 2) and Escondido Creek Dam (Martinez Site 3).
- Continue providing support for rehabilitation option decisions with local partners for dams in Karnes County: Esse-Boehm Dam (Escondido Site 1), Hailey Dam (Escondido Site 4) and Sam Kotara Dam (Escondido Site 12).
- Continue to implement the requirements of State Dam Safety Regulations.
- Continue to implement adaptive management strategies and update as necessary the Operations and Maintenance Plan for Eagleland and Mission Reach Projects.
- Continue the San Antonio River Basin-wide Flood Debris Assessment and Cleanup Program.
- Provide field support for the River Authority's Flood Alert System.
- Continue employee training and development efforts in ecosystem restoration and management, landscape maintenance, debris cleanup, herbicide application and natural channel maintenance.

- Promote conservation of the river basin’s natural resources through the Regional Park Coordinating Council.
- Improve and expand River Authority parks and execute implementation strategies identified in the San Antonio River Basin Plan for Nature-Based Park Resources.
- Support other River Authority departments as a resource for natural resource planning, outdoor recreation practices, environmental stewardship, and sustainability.

<i>Appropriations:</i>	<u>FY 2013/14</u>	<u>FY 2014/15</u>	<u>FY 2015/16</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Budget</u>
Personnel Expenditures	\$ -	\$ -	\$3,711,406
Operating Expenditures	1,611,332	2,426,889	2,946,484
Capital Expenditures	815,996	1,255,073	192,052
<i>Total Appropriations</i>	<i>\$2,427,328</i>	<i>\$3,681,962</i>	<i>\$6,849,942</i>

Program Justification and Fiscal Analysis

The Watershed and Park Operations FY 2015/16 Budget reflects a significant increase in comparison to the FY 2014/15 estimate entirely due to the change in budget approach implemented in this budget. In FY 2014/15, personnel expenses for Watershed and Park Operations, and all program support functions, were appropriated and expensed in the Program Support budget. Moving the cost of personnel related to Watershed and Park Operations into the Watershed and Park Operations budget better reflects the total cost of this function.

The operating expenses for FY 2015/16 increase in comparison to the FY 2014/15 budget due to three main factors. The Watershed and Park Operations budget includes \$220,000 annually for cleanup efforts after significant rain events. Fortunately in FY 2014/15, only a portion of these funds were spent as River Authority staff was able to manage debris pick up from all but one of the rainfall events in that year. Funding is provided in FY 2015/16 in the event it should be needed. Secondly, funding for some projects is carried into FY 2015/16 as these projects will be completed during this year. This includes a pavilion at Helton Park. Lastly, operating expenses increased to incorporate the expenditures for Karnes County Dam Maintenance. Previously, these expenditures were budgeted in a separate fund outside of the General Fund but are now captured in the Watershed and Park Operations budget to better reflect the expenditures of the department.

Capital expenditures decrease significantly in FY 2015/16 in comparison to FY 2014/15 for two reasons. Watershed and Park Operations purchased various needed pieces of equipment in FY 2014/15 to make staff more efficient and effective. In addition, as stated, the FY 2014/15 Watershed and Park Operations Budget included funds for park improvement projects in capital expenditures. These costs are in a separate fund for FY 2015/16.

The FY 2015/16 Budget also includes \$45,000 for new resource expenditures specifically earmarked for equipment purchases for use by Watershed and Park Operations staff. This includes

a canopy over the lock and dam and a trailer for Mission Reach Operations.

Efforts

Stuart Road Dam (Calaveras 7) Repair

The Stuart Road Dam was built in the late 1950's. Since its construction, the outside auxiliary spillway berm has eroded and is in need of reconstruction to the original elevation as described in National Resources Conservation Service (NRCS) plans. This effort will consist of the distribution of approximately 1,270 cubic yards of compacted fill by others and San Antonio River Authority staff to seed and reestablish vegetative cover.

Flood Debris Clean-up

This effort includes citizen and private property owner involvement in a systematic approach to locate, assess, and prioritize for removal flood debris from critical areas along regional waterways within the San Antonio River Authority's four-county jurisdiction. This waterway cleanup effort has resulted in five to eight miles of waterway conveyance enhancements and three to five tons of man-made debris removal annually.

Authorized Positions

	Pay Grade	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Watershed and Parks Manager	135	1	1	1
Landscape Superintendent	124	1	1	1
Maintenance Superintendent	124	1	1	1
Recreation Superintendent	124	1	1	1
Park Supervisor	122	1	1	1
Natural Resource Management Specialist	119	1	1	1
Parks Program Coordinator	117	1	1	1
Recreation Event Coordinator	117	1	1	1
WPO Foreman	117	5	6	6
Parks Project Coordinator	113	1	1	1
Landscape Crew Leader	113	1	1	1
WPO Crewman Senior	111	6	6	6
Riparian Crew Leader	110	5	6	5
Watershed Operations Crewman	109	4	4	4
Park Specialist	109	4	4	4
Administrative Assistant	109	1	1	1
Lock and Dam Operator	108	4	4	4
Riparian Field Technician	108	23	23	23
CNG Mechanic	PT	1	1	1
<i>Total Authorized Positions</i>		63	65	64



SAN ANTONIO

RIVER AUTHORITY

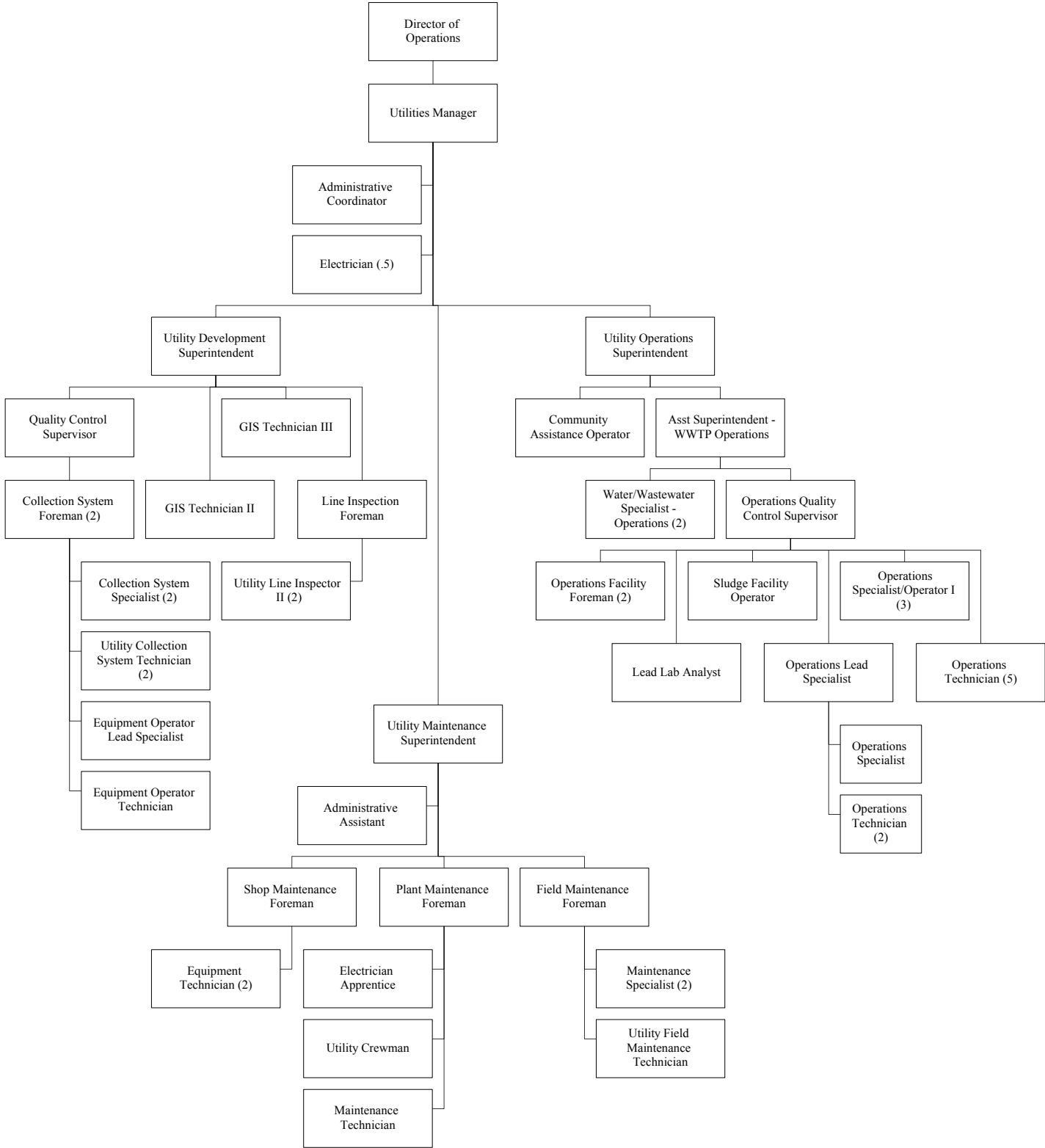
Leaders in Watershed Solutions

Utility Funds



San Antonio River
Improvement Project
Mission Reach,
Bexar County

Utilities



ACCD First Responder Fund
Fiscal Year Ending June 30, 2016

Fund: 85

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Operating Reserve	\$ -	\$ 20,796	\$ -
Total Beginning Balance	\$ -	\$ 20,796	\$ -
Revenue			
Intergovernmental Revenue	\$ 122,249	\$ 64,604	\$ -
Total Revenue	\$ 122,249	\$ 64,604	\$ -
TOTAL AVAILABLE FUNDS	\$ 122,249	\$ 85,400	\$ -
APPROPRIATIONS			
Transfers	\$ 60,672	\$ -	\$ -
Debt Service	40,781	75,400	-
Operations Expense	-	10,000	-
TOTAL OPERATING APPROPRIATIONS	\$ 101,453	\$ 85,400	\$ -
Operating Reserve	\$ 20,796	\$ -	\$ -
TOTAL APPROPRIATIONS	\$ 122,249	\$ 85,400	\$ -

Alamo Community College First Responder Fund

Fund 85

Department Description

The San Antonio River Authority entered into a contract with the Alamo Community Colleges (ACC) to provide wastewater related services at the First Responder Academy of the ACC. The River Authority also issued debt to help complete construction of the wastewater treatment plant. Through FY 2014/15, debt service for this issuance has been paid through this fund. Other operating expenses related to this project have been paid in the Operation and Maintenance Fund.

All expenses related to operation and maintenance for the Alamo Community College First Responder Academy wastewater treatment plant are now budgeted in the San Antonio River Authority Wastewater. The Debt Service Fund now includes the budget for the principal and interest payments on the project. At the end of FY 2014/15, the Alamo Community College District First Responder Fund was closed.

<i>Appropriations:</i>	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Operating Expenditures	\$ -	\$10,000	\$ -
Debt Service	40,781	75,400	-
Transfers 60,672		-	-
<i>Total Appropriations</i>	<i>\$101,453</i>	<i>\$85,400</i>	<i>\$ -</i>

Program Justification and Fiscal Analysis

In FY 2013/14 and FY 2014/15, the Alamo Community College District Fund paid for the debt service associated with the costs related to construction of the wastewater treatment plant at the Alamo Community College's First Responder Academy. Contractual payments from the Alamo Community College will go directly into the Debt Service Fund to pay this expense. At the end of FY 2014/15, the Alamo Community College Fund is being closed. No appropriation is included for FY 2015/16.

Randolph AFB Operating Fund
Fiscal Year Ending June 30, 2016

Fund: 73

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Operating Reserve	\$ (365,124)	\$ 100,065	\$ 147,732
Total Beginning Balance	\$ (365,124)	\$ 100,065	\$ 147,732
Revenue			
Intergovernmental Revenue	\$ 500,610	\$ 332,388	\$ 342,360
Transfers	277,230	-	-
Total Revenue	\$ 777,840	\$ 332,388	\$ 342,360
TOTAL AVAILABLE FUNDS	\$ 412,716	\$ 432,453	\$ 490,092
APPROPRIATIONS			
Personnel Expenditures	\$ 193,984	\$ 199,948	\$ 197,500
Operating Expenditures	118,667	22,933	37,128
Transfers	-	61,840	65,452
TOTAL OPERATING APPROPRIATIONS	\$ 312,651	\$ 284,721	\$ 300,081
Operating Reserve	\$ 100,065	\$ 147,732	\$ 190,011
TOTAL APPROPRIATIONS	\$ 412,716	\$ 432,453	\$ 490,092

Randolph Air Force Base Operating Fund

Fund 73

Department Description

The Randolph Air Force Base (RAFB) Operating System Fund accounts for expenditures related to the San Antonio River Authority's responsibilities for the RAFB Wastewater Collection System which provides service to customers of the Randolph Air Force Base installation adjacent to Universal City in Bexar County. The Utilities Department operates and maintains the River Authority-owned collection system in the Randolph Air Force Base installation as well as completing projects annually that improve the system. Every year, several pipe replacement and manhole improvements projects are completed. The River Authority also provides RAFB with updated maps and plans that reflect the results of these improvements. The River Authority provides these services under a long term contract with RAFB. A separate fund accounts for the capital improvement projects completed annually.

Department Objectives

- ✓ Provide effective and efficient utility service utilizing sound management practices.
- ✓ Professionally operate and maintain the RAFB collection system.
- ✓ Work cooperatively with representatives of the Department of Defense in coordinating collection system operation and maintenance.
- ✓ Work cooperatively with the Cibola Creek Municipal Authority which provides wastewater treatment for the RAFB installation.

Additional 2015/16 Goals

- Continue the following activities:
 - Reduce inflow and infiltration through rehabilitation.

Appropriations:

	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Personnel Expenditures	\$193,984	\$199,948	\$197,500
Operating Expenditures	118,667	22,933	37,128
Transfers -		61,840	65,452
<i>Total Appropriations</i>	<i>\$312,651</i>	<i>\$284,721</i>	<i>\$300,081</i>

Program Justification and Fiscal Analysis

The FY 2015/16 Budget for the Randolph Air Force Base Operating Fund increases slightly in comparison to the FY 2014/15 estimates. The increase comes mainly from operating expenditures as well as an increase to the transfer to the General Fund that reflects the costs of support services to the Utilities Department. This includes human resources, legal services, finance and payroll, intergovernmental and facilities.

Salatrillo Operating Fund
Fiscal Year Ending June 30, 2016

Fund: 71

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Operating Reserve	\$ 517,735	\$ 499,603	\$ 729,313
Total Beginning Balance	\$ 517,735	\$ 499,603	\$ 729,313
Revenue			
Investment Earnings	(341)	135	5,000
Intergovernmental Revenue	-	-	108,900
Charges for Services	2,598,332	2,327,234	3,043,626
Miscellaneous	29,987	55,000	55,000
Reimbursements	39,995	48,752	40,000
Transfers	122,309	403,000	635,338
Total Revenue	\$ 2,790,282	\$ 2,834,121	\$ 3,887,864
TOTAL AVAILABLE FUNDS	\$ 3,308,017	\$ 3,333,724	\$ 4,617,177
APPROPRIATIONS			
Personnel Expenditures	\$ 825,551	\$ 843,996	\$ 921,945
Operating Expenditures	1,374,242	814,707	1,283,492
Capital Outlay	183,503	183,874	326,300
Transfers	425,118	761,833	1,526,791
TOTAL OPERATING APPROPRIATIONS	\$ 2,808,414	\$ 2,604,410	\$ 4,058,528
Operating Reserve	\$ 499,603	\$ 729,313	\$ 558,649
TOTAL APPROPRIATIONS	\$ 3,308,017	\$ 3,333,724	\$ 4,617,177

Salatrillo Operating Fund

Fund 71

Department Description

The Salatrillo Operating Fund now accounts for all costs associated with operating and maintaining the Salatrillo Wastewater Treatment System which discharges into the Salatrillo Creek. This includes wholesale, retail and reuse water services. Prior to FY 2015/16, only the wholesale services were accounted for in this fund. In FY 2015/16, three funds have been consolidated to reflect the full cost of the system.

Wholesale wastewater service is provided to the cities of Converse, Live Oak, and Universal City. Each city maintains and operates the collection systems within its city limits. The main outfall lines from the cities are maintained by Utilities Department personnel. The wastewater from the cities is treated at the Salatrillo Wastewater Treatment Plant.

The retail portion of the Salatrillo Wastewater System provides retail wastewater services to parts of the City of San Antonio and Bexar County. Prior to FY 2015/16, expenses related to the retail system were budgeted and accounted for in a separate fund. These customers are served by the Salatrillo Wastewater Treatment Plant; expenses related to that plant are budgeted in the Salatrillo Operating Fund. The costs associated with the retail collection system operations and maintenance are also now budgeted in the Salatrillo Operating Fund.

The Salatrillo Reuse function provides reuse water and delivery services to Universal City as well as Alamo Community Colleges – Northeast Lakeview campus. These services are provided through contractual agreements. The reuse water is obtained from the Salatrillo Wastewater Treatment System which discharges into the Salatrillo Creek. The areas served are located in Bexar County. The Salatrillo water reuse function is also managed by Utilities Department staff and the water provided comes from the Salatrillo Wastewater Treatment Plant. These costs are now budgeted in the Salatrillo Operating Fund.

The combination of these three funds' expenditures better represents the total cost to manage this system including the reuse function. Expenditures for the plant, retail system and reuse will still be tracked separately to facilitate utility rate calculations. The Salatrillo Retail and the Salatrillo Reuse Funds will be closed in FY 2015/16.

Department Objectives

- ✓ Provide effective and efficient utility service utilizing sound management practices.
- ✓ Professionally operate and maintain the Salatrillo wastewater treatment plant and retail collection system.
- ✓ Provide advice, counsel, and technical assistance to entities within the Salatrillo retail system as needed.
- ✓ Seek opportunities to expand the services of the Utilities Department to meet the needs of others within the River Authority's four-county district.
- ✓ Provide a safe and productive working environment for all Utilities Department employees.
- ✓ Provide safe reuse water to reduce the demand on the Edwards Aquifer for water used in irrigation.

Strategic Plan Annual Objectives and Action Items

The Utilities Department has responsibility for completing the following action items incorporated under objectives that are included in the San Antonio River Authority's organization wide strategic plan.

10. Encourage the growth of our utility systems by adding 300 connections to the wastewater treatment system and by expanding our customer base for reuse water.

Action items:

- Q1: Meet with city staff in the service area to promote the reuse system and explore future opportunities
- Q1: Coordinate with River Authority real estate staff to determine possible commercial reuse customers in the service area.
- Q1: Add 100 new connections to the wastewater customer base.
- Q2: Appraise Graytown property and evaluate sale options vs. design/build/finance with Public Private Partnership (P3) on plant construction.
- Q3: Explore opportunities with Judson Independent School District on possible future connections to Woodlake Reuse System.
- Q3: Add 200 new connections to the wastewater customer base.
- Q4: Execute the sale of the Graytown Road property or start negotiations on an agreement with (P3) Public Private Partnership to build first phase of the wastewater treatment plant.
- Q4: Add 300 new connections to the wastewater customer base.

Additional 2015/16 Goals

- Complete and/or continue the following programmed capital projects:
 - Salatrillo Wastewater System infiltration/infiltration reduction/collection system rehabilitation
 - Salatrillo Wastewater Treatment plant expansion optimization.
 - Salatrillo Wastewater System Supervisory Control and Data Acquisition (SCADA) Program monitoring.
 - Reuse water to Alamo Community Colleges – Northeast Lakeview campus.
- Continue flow metering of cities.
- Rehabilitate one third of lines and manholes that have a priority rating of 4 based on the system collection assessment (Rehabilitation Rating: 1 minor – 5 major.)
- Complete Geographic Information Systems (GIS) integration of database information.
- Continue the following activities:
 - Research and define Salatrillo Retail Wastewater Collection System Industrial Waste Program.
 - Pursue water rights for effluent discharged to the Salatrillo Creek for future use.
 - Seek Salatrillo energy conservation improvements.
 - Continue to participate in the CPS Energy's On-demand Response Program.

Appropriations:

	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Personnel Expenditures	\$ 25,551	\$ 843,996	\$ 921,945
Operating Expenditures	1,374,242	814,707	1,283,492
Capital Expenditures	183,503	183,874	326,300
Transfers 425,118		761,833	1,526,791
Total Appropriations	\$2,808,414	\$2,604,410	\$4,058,528

Program Justification and Fiscal Analysis

The FY 2015/16 Budget for the Salatrillo Operating Fund increases significantly in comparison to the FY 2014/15 estimate for several reasons. The largest increases result from the combination of the Salatrillo wholesale, retail and reuse budget and costs into this fund. This action to combine the funds impacts personnel expenditures and Operating Expenditures. Previously, the retail system and the reuse system were each accounted for in a separate fund. Combining the funds better represents the total cost to manage this system. Retail and reuse system expenditures will still be tracked separately to facilitate utility rate calculations.

Costs related to the acquisition of equipment – capital expenditures – also increase in FY 2015/16 as funds are provided for needed equipment to continue to operate efficiently and effectively. This includes the following:

Equipment	Cost	Description
CCTV Van	\$ 250,000	CCTV Van - funded 1/2 from SARA Wastewater and 1/2 from Salatrillo
BL Sweeper - cleaning heads	\$ 12,000	Sewer cleaning equipment - funded 1/2 from SARA Wastewater and 1/2 from Salatrillo
Submersible pumps	\$ 3,200	For use on sewer repairs - funded 1/2 from SARA Wastewater and 1/2 from Salatrillo
83' by 24' trailer	7,000	Will use to haul mowers - funded 1/2 from SARA Wastewater and 1/2 from Salatrillo
Snap on scanner	5,400	vehicle trouble shooting
Freightliner	110,000	Pump haul truck
6000 Tanker	\$ 50,000	Trailer for pump and haul - funded 1/2 from SARA Wastewater and 1/2 from Salatrillo
Sampler	6,500	
Improve south road (M2) and pave the yard	180,000	Funded 1/2 from SARA Wastewater and 1/2 from Salatrillo; full cost shown above
New backflow preventer	8,300	
Four replacement computers	5,400	

As shown in the table, for most of this equipment, this fund will pay one-half the cost and the San Antonio River Authority Wastewater Systems Operating System will pay half the cost. This split occurs as the equipment benefits both systems.

Also in FY 2015/16, the contribution by this operations fund into the Saltrillo Construction and Improvement Fund increases significantly – from about \$67,000 in FY 2014/15 to \$800,000 for FY 2015/16. This cash contribution will be used in future years to complete needed improvements in the system including expansion of wastewater treatment facilities.

Salatrillo Retail Fund
Fiscal Year Ending June 30, 2016

Fund: 72

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Operating Reserve	\$ 721,105	\$ 1,121,658	\$ 558,322
Total Beginning Balance	\$ 721,105	\$ 1,121,658	\$ 558,322
Revenue			
Investment Earnings	16,740	-	-
Charges for Services	628,274	650,494	-
Reimbursements	4,300	4,270	-
Transfers	257,944	-	-
Total Revenue	\$ 907,258	\$ 654,764	\$ -
TOTAL AVAILABLE FUNDS	\$ 1,628,363	\$ 1,776,422	\$ 558,322

APPROPRIATIONS

Personnel Expenditures	\$ 44,961	\$ 42,135	\$ -
Operating Expenditures	461,744	447,729	-
Transfers	-	728,237	558,322
TOTAL OPERATING APPROPRIATIONS	\$ 506,705	\$ 1,218,100	\$ 558,322
Operating Reserve	\$ 1,121,658	\$ 558,322	\$ -
TOTAL APPROPRIATIONS	\$ 1,628,363	\$ 1,776,422	\$ 558,322

Salatrillo Retail Fund

Fund 72

Department Description

The San Antonio River Authority (River Authority) Salatrillo Retail System fund is managed by the Utilities Department. The Utilities Department provides retail wastewater services to parts of the City of San Antonio and Bexar County through the Salatrillo Retail Wastewater System. Expenses budgeted and accounted for here fund the expenses related to the Salatrillo Retail Wastewater Collection System which provides service to customers not located in the city limits of Live Oak, Converse, and Universal City.

These customers are served by the Salatrillo Wastewater Treatment Plant. The costs associated with the retail collection system operations and maintenance are reflected in the Salatrillo Operating Fund in FY 2015/16. This better represents the total cost to manage this system. Retail system expenditures will still be tracked separately to facilitate utility rate calculations. The Salatrillo Retail Fund will be closed in FY 2015/16.

Department Objectives

- ✓ Provide effective and efficient utility service utilizing sound management practices.
- ✓ Professionally operate and maintain the Salatrillo retail system.
- ✓ Provide advice, counsel, and technical assistance to entities within the Salatrillo retail system as needed.
- ✓ Seek opportunities to expand the services of the Utilities Department.
- ✓ Provide a safe and productive working environment for all Utilities Department employees.

Additional 2015/16 Goals

- Complete and/or continue the following programmed capital projects:
 - Salatrillo Wastewater System inflow/infiltration reduction/collection system rehabilitation
 - Continue flow metering of cities.
 - Rehabilitate one third of lines and manholes that have a priority rating of 4 based on the system collection assessment (Rehabilitation Rating: 1 minor – 5 major.)
- Complete Geographic Information Systems (GIS) integration of database information.
- Continue the following activities:
 - Research and define Salatrillo Retail Wastewater Collection System Industrial Waste Program.

Appropriations:

	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Personnel Expenditures	\$44,961	\$42,135	\$ -
Operating Expenditures	461,744	447,729	-
Transfers -		728,237	558,322
Total Appropriations	\$506,705	\$1,218,100	\$558,322

Program Justification and Fiscal Analysis

As stated, in FY 2015/16, the Salatrillo Retail Fund is being closed. All expenses related to the retail system's maintenance and operation are budgeted in the Salatrillo Operating Fund for FY 2015/16. In FY 2015/16, the only expenditure budgeted in the Salatrillo Retail Fund is the transfer of all remaining funds to the Salatrillo Operating Fund.

Salatrillo Reuse Fund
Fiscal Year Ending June 30, 2016

Fund: 76

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Operating Reserve	\$ -	\$ 3,870	\$ 77,016
Total Beginning Balance	\$ -	\$ 3,870	\$ 77,016
Revenue			
Intergovernmental Revenue	\$ 9,076	\$ 108,900	\$ -
Support Fees	-	18,636	-
Total Revenue	\$ 9,076	\$ 127,536	\$ -
TOTAL AVAILABLE FUNDS	\$ 9,076	\$ 131,406	\$ 77,016
APPROPRIATIONS			
Operating Expenditures	\$ 5,206	\$ 35,750	-
Transfers	\$ -	\$ 18,640	77,016
TOTAL OPERATING APPROPRIATIONS	\$ 5,206	\$ 54,390	\$ 77,016
Operating Reserve	\$ 3,870	\$ 77,016	-
TOTAL APPROPRIATIONS	\$ 9,076	\$ 131,406	\$ 77,016

Salatrillo Reuse Fund

Fund 76

Department Description

The Salatrillo Reuse Fund of the Utilities Department accounts for costs associated with providing reuse water and delivery services to Universal City as well as Alamo Community College – Northeast Lakeview campus. These services are provided through contractual agreements. The reuse water is obtained from the Salatrillo Wastewater Treatment System which discharges in to the Salatrillo Creek. The main reuse line is maintained by Utilities Department personnel. The areas served are located in Bexar County.

Beginning in FY 2015/16, all costs associated with the reuse system operations and maintenance are now budgeted in the Salatrillo Operating Fund. This better represents the total cost to manage this system including the reuse function. Expenditures for the plant, retail system and reuse will still be tracked separately to facilitate utility rate calculations. The Salatrillo Reuse Fund will be closed in FY 2015/16.

Department Objectives

- ✓ Provide safe reuse water to reduce the demand on the Edwards Aquifer for water used in irrigation.

Additional 2015/16 Goals

- Continue the following activities:
 - Operate and maintain the reuse system using Supervisory Control and Data Acquisition (SCADA) program.

Appropriations:

	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Operating Expenditures	\$5,206	\$35,750	\$ -
Transfers -		18,640	77,016
Total Appropriations	\$5,206	\$54,390	\$77,016

Program Justification and Fiscal Analysis

As stated, in FY 2015/16, the Salatrillo Reuse Fund is being closed. All expenses related to the reuse system’s maintenance and operation are budgeted in the Salatrillo Operating Fund for FY 2015/16. This better represents the total cost to manage this system. Each part of the system’s expenditures will still be tracked separately to facilitate utility rate calculations. In FY 2015/16, the only expenditure budgeted in the Salatrillo Reuse Fund is the transfer of all remaining funds to the Salatrillo Operating Fund.

At the end of FY 2014/15 the Salatrillo Reuse Fund is being closed. No appropriation is being requested for FY 2015/16.

San Antonio River Authority Wastewater Systems
Operating Fund
Fiscal Year Ending June 30, 2016

Fund: 70

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Operating Reserve	\$ 2,911,501	\$ 3,622,903	\$ 4,070,172
Total Beginning Balance	\$ 2,911,501	\$ 3,622,903	\$ 4,070,172
Revenue			
Investment Earnings	4,219	19,571	20,000
Intergovernmental Revenue	16,024	90,500	688,500
Charges for Services	6,672,417	7,011,535	7,119,572
Miscellaneous	44,693	54,500	20,000
Support Fees	71,263	122,017	-
Reimbursements	310,889	235,712	150,000
Transfers	1,093,590	637,065	213,262
Total Revenue	\$ 8,213,095	\$ 8,170,899	\$ 8,211,334
TOTAL AVAILABLE FUNDS	\$ 11,124,596	\$ 11,793,802	\$ 12,281,506

APPROPRIATIONS

Personnel Expenditures	\$ 2,378,544	\$ 2,414,983	\$ 2,662,353
Operating Expenditures	2,918,493	1,776,848	2,083,046
Capital Outlay	160,018	232,187	515,600
Transfers - Debt Service	2,044,638	1,150,775	1,167,375
Transfers - Construction and Improvements	-	700,000	2,500,000
Transfers - Support Fees	-	1,448,838	1,521,903
TOTAL OPERATING APPROPRIATIONS	\$ 7,501,693	\$ 7,723,630	\$ 10,450,278
Operating Reserve	\$ 3,622,903	\$ 4,070,172	\$ 1,831,228
TOTAL APPROPRIATIONS	\$ 11,124,596	\$ 11,793,802	\$ 12,281,506

San Antonio River Authority Wastewater Systems Operating Fund

Fund 70

Department Description

The San Antonio River Authority (SARA) Wastewater Systems Operating Fund accounts for costs associated with the SARA wastewater system. This system has several plants as well as a transportation system, all of which is operated and maintained by Utility Department staff. The plants include: the Upper Martinez Wastewater System, the Martinez II Wastewater System, the Martinez III Wastewater System, Graytown Road, Woodlake Reuse, and the Highway 181 Wastewater System. These systems primarily serve residents and the business community located within portions of eastern/northeast Bexar County.

Through FY 2014/15, the utility had multiple Funds that accounted for very specific services, all of which are provided by Utility Department staff. For FY 2015/16, these services are combined into the San Antonio River Authority Wastewater Systems Operating Fund. These costs were previously in the Utilities Operating and Maintenance Fund. That Fund is being closed in FY 2015/16 with all remaining funds transferring into the San Antonio River Authority Wastewater Systems Operating Fund. The expenses moving into this fund related to contracts the San Antonio River Authority has to provide water and wastewater related services. This includes the La Vernia Wastewater Treatment Plant (WWTP) operations, Somerset WWTP operations and collection system, Somerset Independent School District WWTP operations, First Responders Academy WWTP operations, Woodlake reuse water operations, Goliad WWTP operations, and the Goliad County Water Supply Corporation water operations. The areas served by these agreements are located in Bexar, Wilson, and Goliad counties.

Department Objectives

- ✓ Provide effective and efficient utility service utilizing sound management practices.
- ✓ Professionally operate and maintain the SARA-owned and operated utility systems.
- ✓ Provide advice, counsel, and technical assistance to entities within the SARA region.
- ✓ Seek opportunities to expand the services of the Utilities Department to meet the needs of others within SARA's four-county district.
- ✓ Provide a safe and productive working environment for all Utilities Department employees.

Strategic Plan Annual Objectives and Action Items

The Utilities Department has responsibility for completing the following action items incorporated under objectives that are included in the San Antonio River Authority's organization wide strategic plan.

10. Encourage the growth of our utility systems by adding 300 connections to the wastewater treatment system and by expanding our customer base for reuse water.

Action items:

- Q1: Meet with city staff in the service area to promote the reuse system and explore future opportunities
- Q1: Coordinate with River Authority real estate staff to determine possible commercial reuse customers in the service area.
- Q1: Add 100 new connections to the wastewater customer base.

- Q2: Appraise Graytown property and evaluate sale options vs. design/build/finance with Public Private Partnership (P3) on plant construction.
- Q3: Explore opportunities with Judson Independent School District on possible future connections to Woodlake Reuse System.
- Q3: Add 200 new connections to the wastewater customer base.
- Q4: Execute the sale of the Graytown Road property or start negotiations on an agreement with (P3) Public Private Partnership to build first phase of the wastewater treatment plant.
- Q4: Add 300 new connections to the wastewater customer base.

Additional 2015/16 Goals

- Complete and/or continue the following programmed capital projects:
 - SARA Wastewater System inflow/infiltration reduction/collection system and rehabilitation collection system assessment to locate inflow/infiltration.
 - SARA Wastewater System vulnerability assessment and security improvements.
 - Martinez System line rehabilitation – Metropolitan Planning Organization Projects
 - Graytown Road Wastewater Treatment System.
- Continue the following activities:
 - SARA Wastewater System Supervisory Control and Data Acquisition (SCADA) Program.
 - Geographic Information System (GIS) data integration with water purveyor customer data base.
 - Provide reuse water to Woodlake Golf Course and sod farmers through bed and banks transfer from the Martinez Creek.
 - Pursue water rights for effluent discharged to Martinez and Salatrillo creeks for future use.
 - Administer the SARA Wastewater System Industrial Waste Program.
 - Continue to seek energy conservation improvements within the SARA Wastewater Systems.
 - Pursue the contract award for federal water and wastewater utilities in the Joint Base San Antonio Utilities Privatization request for proposal.
 - Rehabilitate one quarter of lines and manholes that were rated 5 (most in need of rehabilitation) based on system collection assessment (Rehabilitation Rating: 1 minor – 5 major.)
 - Continue to participate in the CPS Energy On-demand Response Program.
 - Continue to improve and increase water and wastewater services within the service area meeting 100 percent of the demand.
 - Plan and prepare for additional water systems with the Goliad County Water Supply Corporation.

<i>Appropriations:</i>	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Personnel Expenditures	\$ 2,378,544	\$ 2,414,983	\$ 2,662,353
Operating Expenditures	2,918,493	1,776,848	2,083,046
Capital Expenditures	160,018	232,187	515,600
Transfers 2,044,638			
Debt Service	-	1,150,775	1,167,375
Construction and Improvements	-	700,000	2,500,000
Support Fees	-	1,448,838	1,521,903
Total Appropriations	\$7,501,693	\$7,723,630	\$10,450,278

Program Justification and Fiscal Analysis

As stated above, in FY 2015/16, the costs associated with various contracted water and wastewater services move into the San Antonio River Authority (SARA) Wastewater Systems Operating Fund from the Utilities Operations and Maintenance Fund. This move accounts for a portion of the significant increase shown in FY 2015/16 budgeted expenditures in comparison to the FY 2014/15 estimate and affects personnel expenses, supplies and services expenses and support fees. The revenue associated with these contractual expenses also now comes into the SARA Wastewater Systems Operating Fund.

Other increases include the purchase of equipment needed to continue efficient and effective operations. This equipment includes:

Equipment	Cost	Description
CCTV Van	\$ 250,000	CCTV Van - funded 1/2 from SARA Wastewater and 1/2 from Salatrillo
BL Sweeper - cleaning heads	\$ 12,000	Sewer cleaning equipment - funded 1/2 from SARA Wastewater and 1/2 from Salatrillo
Submersible pumps	\$ 3,200	For use on sewer repairs - funded 1/2 from SARA Wastewater and 1/2 from Salatrillo
83' by 24' trailer	\$ 7,000	Will use to haul mowers - funded 1/2 from SARA Wastewater and 1/2 from Salatrillo
Snap on scanner	\$ 5,400	vehicle trouble shooting
Freightliner	\$ 110,000	Pump haul truck
6000 Tanker	\$ 50,000	Trailer for pump and haul - funded 1/2 from SARA Wastewater and 1/2 from Salatrillo
Flow meter	\$ 4,000	Meter flows at plant
Replacement vehicle (#508) with Chevy 4x4	\$ 27,000	Crewcab
Repairs to Upper Martinez building	\$ 25,000	
Improve south road (M2) and pave the yard	\$ 180,000	Funded 1/2 from SARA Wastewater and 1/2 from Salatrillo
Mixing structure at Martinez II	\$ 130,000	To improve mixing in structure
Box blade	\$ 7,500	Will be used for dirt and gravel work
Replacement computers	\$ 10,600	8 at \$1,350 each

As shown in the table, for most of this equipment, this fund will pay one-half the cost and the Salatrillo Operation System will pay half the cost. This split occurs as the equipment benefits both systems.

Also in FY 2015/16, the contribution by this operations fund into the San Antonio River Authority Wastewater System Construction and Improvement Fund increases significantly – from an estimated \$700,000 for FY 2014/15 to \$2,500,000 for FY 2015/16. This cash contribution will be used in future years to complete needed improvements in the system including expansion of wastewater treatment facilities.

Efforts

Contracted Services

The River Authority is contracted to operate and maintain the Alamo Colleges wastewater treatment plant as well as their First Responders Campus wastewater facility. In addition, River Authority staff operates and maintains the water systems for the cities of Fannin and Berclair in Goliad County.

SARA Wastewater Reuse

The River Authority is coordinating with other entities to supply reuse water and alleviate the use of Edwards Aquifer water. The River Authority currently works with Alamo Colleges and Universal City to supply reuse water from the Martinez and Saltrillo systems. As more entities show an interest in using reuse water, the River Authority will ensure there are adequate flows in the streams before agreeing to supply reuse water.

Authorized Positions

	Pay Grade	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Utilities Manager	135	1	1	1
Utility Maintenance Superintendent	124	1	1	1
Utility Operations Superintendent	124	1	1	1
Utility Development Superintendent	124	1	1	1
Assistant Wastewater Treatment Plant Operations Superintendent	120	1	1	1
Electrician 12	0	0.5	0.5	0.5
Community Assistance Operator 118		1	1	1
Operations Quality Control Supervisor	118	2	2	1
Quality Control Supervisor	118	0	0	1
Collection System Foreman	117	0	0	2
Line Inspection Foreman	117	1	1	1
Operations Facility Foreman	117	2	2	2
Plant Maintenance Foreman	117	1	1	1
Field Maintenance Foreman	117	1	1	1
Shop Maintenance Foreman	117	1	1	1
GIS Technician III	116	0	0	1
Operations Lead Specialist	115	0	0	1
Equipment Operator Lead Specialist	115	0	0	1
GIS Technician II	115	1	1	1
Utility Line Inspector II	115	2	2	2
Line Maintenance Foreman	115	1	1	0
Industrial Waste Inspector	115	1	1	0
Operations Water/WW Specialist	114	2	2	2
Lead Lab Analyst	114	1	1	1
Sludge Facility Operator	113	2	2	1
Collection System Specialist	112	0	0	1
Maintenance Specialist	112	0	0	2
Operations Specialist	112	0	0	1
Operations Specialist/Operator I	112	10	10	3
Collection System Specialist	112	0	0	1
Utilities Technician	112	1	1	0
Administrative Coordinator	111	0	0	1
Electrical Apprentice	111	1	1	1
Equipment Operator Specialist	111	2	2	0
Administrative Assistant	109	1	1	1
Equipment Operator Technician	109	0	0	1
Equipment Technician	109	2	2	2
Maintenance Technician	109	0	0	1
Operations Technician	109	1	1	7
Utility Collection System Technician	109	0	0	2
Utility Crewman	109	9	9	0
Utility Field Maintenance Technician	109	0	0	1
Utility Crewman	107	0	0	1
General Office Clerk	104	1	1	0
Total Authorized Positions		52.5	52.5	52.5

San Antonio River Authority Water Systems Fund
Fiscal Year Ending June 30, 2016

Fund: 74

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Operating Reserve	\$ 51,457	\$ 37,084	\$ 65,049
Total Beginning Balance	\$ 51,457	\$ 37,084	\$ 65,049
Revenue			
Charges for Services	\$ 183,165	\$ 200,490	\$ 650,000
Total Revenue	\$ 183,165	\$ 200,490	\$ 650,000
TOTAL AVAILABLE FUNDS	\$ 234,622	\$ 237,574	\$ 715,049
APPROPRIATIONS			
Personnel Expenditures	\$ 83,471	\$ 80,468	\$ 85,992
Operating Expenditures	114,067	43,105	54,411
Transfers	-	48,952	574,646
TOTAL OPERATING APPROPRIATIONS	\$ 197,538	\$ 172,525	\$ 715,049
Operating Reserve	\$ 37,084	\$ 65,049	-
TOTAL APPROPRIATIONS	\$ 234,622	\$ 237,574	\$ 715,049

San Antonio River Authority Water Systems Fund

Fund 74

Department Description

The San Antonio River Authority Water Systems Fund is used to account for the costs related to operation and maintenance of two water treatment systems: Seven Oaks and Creekwood. The Utilities Department provides water services to residential and business customers located outside the jurisdiction of any incorporated city but within the River Authority's district. The Utilities Department operates and maintains these River Authority owned water systems.

Appropriations:

	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Personnel Expenditures	\$83,471	\$80,468	\$85,992
Operating Expenditures	114,067	43,105	54,411
Transfers -		48,952	574,646
<i>Total Appropriations</i>	<i>\$197,538</i>	<i>\$172,525</i>	<i>\$715,049</i>

Program Justification and Fiscal Analysis

The FY 2015/16 Budget funds the continued operation of the River Authority water system. A sale of the system is pending; however, the timing of the sale has not been finalized. Therefore, the FY 2015/16 Budget appropriates full year funding for the system. Should the sale occur during the fiscal year, the full appropriations will not be expended.

The FY 2015/16 Budget increases significantly in comparison to the FY 2014/15 estimates, mainly due to the budgeted transfer of proceeds from the sale of the system. The San Antonio River Authority Wastewater System funded the original purchase of the water system. Therefore, proceeds from the sale will be transferred to the San Antonio River Authority Wastewater Systems Operating Fund; the anticipated proceeds are \$450,000. In addition, any remaining amounts in the San Antonio River Authority Water System Fund (unexpended revenues) will be transferred to the wastewater system fund (budgeted at \$124,646). The total transfer to the wastewater fund is less than the original purchase price of the water system.

Utility Operations and Maintenance Fund
Fiscal Year Ending June 30, 2016

Fund: 75

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Operating Reserve	\$ (324)	\$ 126,818	\$ 213,262
Total Beginning Balance	\$ (324)	\$ 126,818	\$ 213,262
Revenue			
Intergovernmental Revenue	\$ 495,605	\$ 539,761	\$ -
Transfers	60,672	-	-
Total Revenue	\$ 556,277	\$ 539,761	\$ -
TOTAL AVAILABLE FUNDS	\$ 555,953	\$ 666,579	\$ 213,261

APPROPRIATIONS

Goliad Water Supply Corporation	\$ 91,821	\$ 72,919	\$ -
Goliad Wastewater	57,126	71,303	-
LaVernia Wastewater Operation and Maintenance	58,577	39,870	-
Somerset Operations and Maintenance	167,633	131,140	-
ACCD First Responders Operation and Maintenance	53,978	72,710	-
Transfer	-	65,377	213,262
TOTAL OPERATING APPROPRIATIONS	\$ 429,135	\$ 453,318	\$ 213,262
Operating Reserve	\$ 126,818	\$ 213,262	\$ -
TOTAL APPROPRIATIONS	\$ 555,953	\$ 666,579	\$ 213,262

Utilities Operations and Maintenance Fund

Fund 75

Department Description

The Utilities Operations and Maintenance Fund accounted for costs associated with various contracts the San Antonio River Authority has to provide water and wastewater related services. This includes the La Vernia Wastewater Treatment Plant (WWTP) operations, Somerset WWTP operations and collection system , Somerset Independent School District WWTP operations, First Responders Academy WWTP operations, Woodlake reuse water operations, Goliad WWTP operations, and the Goliad County Water Supply Corporation water operations. The areas served by these operations and maintenance agreements are located in Bexar, Wilson, and Goliad counties.

This fund will be closed in FY 2015/16. Costs related to these agreements will now be budgeted and expended in the San Antonio River Authority Wastewater Systems Operating Fund.

Department Objectives

- ✓ Professionally operate and maintain the contracted utility systems.
- ✓ Provide advice, counsel, and technical assistance to entities within the River Authority's region.

Appropriations:

	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Goliad Water Supply Corporation	\$ 91,821	\$ 2,919	\$ -
Goliad Wastewater	57,126	71,303	-
LaVernia Wastewater O&M	58,577	39,870	-
Somerset Wastewater O&M	167,633	131,140	-
ACCD First Responders O&M	53,978	72,710	-
Transfers -		65,377	213,262
Total Appropriations	\$429,135	\$453,318	\$213,262

Program Justification and Fiscal Analysis

Through FY 2014/15, operating and maintenance costs associated with the facilities listed above were paid through this operations and maintenance Fund. Beginning in FY 2015/16, these expenses will be budgeted in the San Antonio River Authority Wastewater Systems Operating Fund. River Authority personnel providing services associated with these agreements are currently being reflected in the wastewater system operating fund. Therefore, the consolidation of these two funds is appropriate. The expenses for each contract will continue to be tracked separately for reporting information to the respective agencies.

In FY 2015/16, the only transaction within the Utilities Operations and Maintenance Fund is the transfer of remaining available funds at the close of FY 2014/15 to the San Antonio River Authority Wastewater System Operating Fund. The Utilities Operations and Maintenance Fund will be closed in FY 2015/16.

Special Revenue Funds



Branch River Park,
Goliad County

Edwards Water Acquisition/RWRDG Fund
Fiscal Year Ending June 30, 2016

Fund: 31

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Operating Reserve	\$ 782	\$ 62,315	\$ 89,515
Total Beginning Balance	\$ 782	\$ 62,315	\$ 89,515
Revenue			
Investment Earnings	\$ (117)	\$ 100	\$ 100
Intergovernmental Revenue	132,309	98,000	50,000
Charges For Services	1,400	1,100	1,100
Total Revenue	\$ 133,592	\$ 99,200	\$ 51,200
TOTAL AVAILABLE FUNDS	\$ 134,374	\$ 161,515	\$ 140,715

APPROPRIATIONS

Operating Expenditures	\$ 72,059	\$ 72,000	\$ 72,000
TOTAL OPERATING APPROPRIATIONS	\$ 72,059	\$ 72,000	\$ 72,000
Operating Reserve	\$ 62,315	\$ 89,515	\$ 68,715
TOTAL APPROPRIATIONS	\$ 134,374	\$ 161,515	\$ 140,715

**Edwards Water Acquisition/Regional Water Resources
Development Group Fund**

Fund 31

Description

The Regional Water Resource Development Group works to collectively purchase Edwards Aquifer water for the area. Revenue comes from water lease payments from entities that are using the water rights as well as from the Edwards Aquifer Authority. Expenditures relate to services provided by San Antonio River Authority staff as well as some outside resources that work together to manage the water rights program.

Appropriations:

	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Operating Expenditures	\$72,059	\$72,000	\$72,000
<i>Total Appropriations</i>	<i>\$72,059</i>	<i>\$72,000</i>	<i>\$72,000</i>

Program Justification and Fiscal Analysis

The FY 2015/16 Budget funds the costs associated with the administration of this important water rights program. Costs include River Authority staff support for this program as well as legal services and miscellaneous incidental expenses.

Federal Grants Fund
Fiscal Year Ending June 30, 2016

Fund: 42

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Reserve for Projects	\$ -	\$ 29,216	\$ -
Total Beginning Balance	\$ -	\$ 29,216	\$ -
Revenue			
Intergovernmental Revenue	\$ 485,753	\$ 2,432,594	\$ -
Transfers	91,318	-	-
Total Revenue	\$ 577,071	\$ 2,432,594	\$ -
TOTAL AVAILABLE FUNDS	\$ 577,071	\$ 2,461,810	\$ -

APPROPRIATIONS

Calaveras 10 Dam Rehabilitation - Federal Grant	\$ -	\$ 1,743,395	\$ -
Martinez 1, 2 and 3 Dam Rehabilitation	-	467,085	-
SA River Basin Guadalupe Bass	2,994	144	-
CTP Risk Map Upper San Antonio River	227,232	52,182	-
CTP Risk Map Upper Medina	3,985	74,516	-
National Park Service Trail Study	2,532	(311)	-
National Park Service Youth Camp	1,456	-	-
NRCS/TWDB Lidar Acquisition	170,000	-	-
FEMA Risk Map - Medina	3,985	-	-
FEMA LOMR Grant 2013	49,002	97,211	-
FEMA LOMR EMW 2014	-	14,347	-
FEMA LOMR Grant 2012	86,669	13,241	-

TOTAL OPERATING APPROPRIATIONS	\$ 547,855	\$ 2,461,810	\$ -
Reserve for Projects	\$ 29,216	\$ -	\$ -
TOTAL APPROPRIATIONS	\$ 577,071	\$ 2,461,810	\$ -

Federal Grants Fund

Fund 42

Description

The San Antonio River Authority continually looks for grant opportunities that can provide funding for needed programs and projects that help further the mission of the River Authority. The River Authority has received federal grant funding from various federal sources including Federal Emergency Management Agency (FEMA), the National Resource Conservation Service and the National Park Service as well as other agencies.

In FY 2015/16, all grant funds have been consolidated into a single fund – the Grants Fund. Prior to FY 2015/16, the River Authority had four separate grant funds including this Federal Grants Fund. Combining these funds provides the River Authority, its customers and constituents the ability to see the impact of all grant funding in one place. Each grant will continue to be accounted for separately to ensure continued compliance with all granting agency requirements.

The Federal Grants Fund closes in FY 2015/16.

<i>Appropriations:</i>	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Operating Expenditures	\$547,855	\$2,210,480	\$ -
Capital Expenditures	-	251,330	-
<i>Total Appropriations</i>	<i>\$547,855</i>	<i>\$2,461,810</i>	<i>\$ -</i>

Program Justification and Fiscal Analysis

For FY 2015/16, all grants in the Federal Grants Fund have moved to the Grants Fund. The Federal Grants Fund will close in FY 2015/16.

Flood Control Tax Fund
Fiscal Year Ending June 30, 2016

Fund: 20

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Reserve for Debt Service	\$ 225,175	\$ 306,630	\$ 13,623
Total Beginning Balance	\$ 225,175	\$ 306,630	\$ 13,623
Revenue			
Investment Earnings	\$ (50)	\$ -	\$ -
Intergovernmental Revenue	3,720,020	2,772,699	-
Transfers	24,090	-	-
Total Revenue	\$ 3,744,060	\$ 2,772,699	\$ -
TOTAL AVAILABLE FUNDS	\$ 3,969,235	\$ 3,079,329	\$ 13,623
APPROPRIATIONS			
Operating Expenditures	\$ 22,583	\$ 18,007	\$ -
Transfers	3,640,022	3,047,699	13,623
TOTAL OPERATING APPROPRIATIONS	\$ 3,662,605	\$ 3,065,706	\$ 13,623
Reserve for Debt Service	\$ 306,630	\$ 13,623	\$ -
TOTAL APPROPRIATIONS	\$ 3,969,235	\$ 3,079,329	\$ 13,623

Flood Control Tax Fund

Fund 20

Description

Through FY 2014/15, flood control tax revenue collected by Bexar County to support debt issued by the San Antonio River Authority was deposited into the Flood Control Tax Fund. The revenue supported the annual debt service requirements (principal and interest) for debt issued by the River Authority prior to 2007 to fund construction of flood control improvements. Since 2007, Bexar County has issued the debt and used the proceeds to fund projects the River Authority managed on behalf of Bexar County.

The flood control tax revenue was then transferred to the River Authority's Debt Service Fund to pay the annual debt service requirements. This fund is closing in FY 2015/16 and the flood control tax revenues will be deposited directly into the River Authority's Debt Service Fund to pay the associated principal and interest.

Appropriations:

	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Operating Expenditures	\$ 2,583	\$ 18,007	\$ -
Transfers 3,640,022		3,047,699	13,623
Total Appropriations	\$3,662,605	\$3,065,706	\$13,623

Program Justification and Fiscal Analysis

Prior to FY 2014/15, the Flood Control Tax Fund transferred funds to the Debt Service Fund to pay the principal and interest associated with debt issued by the River Authority to fund flood control projects on behalf of Bexar County. This fund is closing in FY 2015/16. The flood control tax proceeds will now be deposited directly into the Debt Service Fund to pay the principal and interest associated with the flood control projects funded by this revenue source.

Grants Fund

Fund: 36

Fiscal Year Ending June 30, 2016

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Reserve for Projects	\$ (337)	\$ -	\$ -
Total Beginning Balance	\$ (337)	\$ -	\$ -
Revenue			
Intergovernmental Revenue	\$ 251,036	\$ 339,177	\$ 13,372,147
Transfers	56,729	12,465	137,389
Total Revenue	\$ 307,765	\$ 351,642	\$ 13,509,536
TOTAL AVAILABLE FUNDS	\$ 307,428	\$ 351,642	\$ 13,509,536

APPROPRIATIONS

AACOG	\$ -	\$ 3,200	\$ -
McCullough Drainage Study	14,731	-	-
Stormwater Monitoring City of San Antonio Pilot	67,366	9,027	7,147
Mission Drive In	19,956	-	-
Upper Flood Study - VIA	25,000	-	-
Upper Flood Study - County	50,717	33,433	-
Upper San Antonio Flood Study - City	50,717	33,433	-
SAHA Wheatley Courts	78,241	272,549	1,285,074
Olmos Creek Aquatic Ecosystem Restoration	300	-	-
Clean Rivers Program 2013	-	-	71,648
Clean Rivers Program 2015	-	-	167,395
National Park Service (NPS) Monitoring	-	-	5,550
TxDOT Stormwater Monitoring	-	-	7,996
Calaveras 10 Dam Rehabilitation - State Grant	-	-	429,000
Martinez 1, 2 and 3 Dam Rehabilitation	-	-	794,000
Leon Creek UAA	-	-	105,781
Rangia Clam Investigation	-	-	50,000
Environmental Flows Validation	-	-	100,000
Calaveras 10 Dam Rehabilitation - Federal Grant	-	-	1,631,605
Martinez 1, 2 and 3 Dam Rehabilitation	-	-	7,057,415
SA River Basin Guadalupe Bass	-	-	14,588
CTP Risk Map Upper San Antonio River	-	-	347,180
CTP Risk Map Upper Medina	-	-	521,499
CTP Risk Map Cibolo Creek	-	-	600,000
FEMA LOMR Grant 2013	-	-	88,287
FEMA LOMR EMW 2014	-	-	220,153
FEMA LOMR Grant 2012	-	-	24,965
TPWD Birds, Bass, Boats Program	-	-	16,253
Transfers	400		
TOTAL OPERATING APPROPRIATIONS	\$ 307,428	\$ 351,642	\$ 13,545,536
Reserve for Project	\$ -	\$ -	\$ (36,000)
TOTAL APPROPRIATIONS	\$ 307,428	\$ 351,642	\$ 13,509,536

Grants Fund

Fund 36

Description

The San Antonio River Authority continually looks for grant opportunities that can provide funding for needed programs, projects, and efforts that help further the mission of the River Authority. The River Authority has received local, state and federal grant funding from various sources including Federal Emergency Management Agency (FEMA), the National Resource Conservation Service, the National Park Service, Texas Department of Transportation (TxDOT), the Clean Rivers Program (Texas Commission on Environmental Quality), Bexar County, the San Antonio Housing Authority, VIA Metropolitan Transportation and other agencies.

In FY 2015/16, all grant funds that support projects and efforts are accounted for in this fund. Prior to FY 2015/16, the River Authority had four separate grant funds: Local Grant Fund (renamed to Grants Fund this FY), State Grant Fund, Federal Grant Fund and the Clean Rivers Program Fund. Combining these funds provides the River Authority, its customers and constituents the ability to see the impact of all grant funding in one place. Each grant will continue to be accounted for separately to ensure continued compliance with all granting agency requirements.

Appropriations:

	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Operating Expenditures	\$307,428	\$351,642	\$ 3,633,516
Capital Expenditures	-	-	9,912,020
Total Appropriations	\$307,428	\$351,642	\$13,545,536

Program Justification and Fiscal Analysis

In FY 2015/16, all River Authority grants are budgeted and expensed in the Grants Fund. Prior to this fiscal year, four separate funds were used to manage grant funds. Various local, state and federal agencies have awarded the River Authority grant funding. These funds will accomplish various activities and construction projects that help improve the water quality and flood control capabilities for the San Antonio River and its tributaries. Grant funding for FY 2015/16 totals \$13,545,536, a significant increase from prior fiscal years. A major portion of this funding is for dam improvements for four structures in the watershed. Funding comes from the National Resource Conservation Service as well as the Texas State Water and Soil Conservation Board. These grant funds total \$9,911,720. FEMA (Federal Emergency Management Agency) funds \$703,500 to support the River Authority's Letter of Map Revision on efforts that document current flood areas. FEMA also funds \$2,184,985 to the River Authority's Risk MAP efforts in the Upper San Antonio River, Medina River and Cibolo Creek River.

The Clean Rivers Program grant funds two programs that work to collect routine surface water quality data in the San Antonio River Basin. One is the San Antonio River Authority Stream Monitoring Project, which is funded in part by the River Authority's General Fund. The second is

the Texas Clean Rivers Program (CRP) which is mainly grant funded. The CRP, which has been on-going since 1992, provides funding to analyze and manage data gathered from surface water samples collected throughout the basin. In addition, the CRP allows for funding of both field equipment and laboratory instruments. The CRP produces quality assured water quality data for the assessment of current water quality conditions and long-term trends. Information is shared with the community and stakeholders. In FY 2015/16, the CRP will collect, analyze, and manage surface water quality data collected throughout the San Antonio River Basin. The San Antonio River Authority CRP utilizes a watershed approach to address impairments, concerns, and long-term trends while coordinating the monitoring resources of partnering agencies.

Projects

Stormwater Monitoring City of San Antonio Pilot

In accordance with an interlocal agreement with the City of San Antonio, the San Antonio River Authority (SARA) collects data on three bond projectsites prior to stormwater control measure best management practice (SCM-BMP) installation with the intent of documenting the preconstruction water quality of the runoff. On the three bond projects, four locations are sampled for a suite of parameters, the data compiled, and the approach documented. Where accompanying runoff flow rate data is not feasibly measured, the site is modeled and the flow rate simulated.

In FY 2015/16, water quality data will be collected during five storm events for three projects: Hemisfair Park, Hausmann Road, and Ray Ellison Drive.

San Antonio Housing Authority (SAHA) Wheatley Courts

The San Antonio Housing Authority (SAHA), working with the Department of Housing and Urban Development's (HUD) CHOICE Neighborhood program, has developed a neighborhood transformation plan to develop a revitalized, mixed-income, low-impact, safe, and walkable community where residents have access to new parks and recreational opportunities along the Menger Creek. SAHA has developed an Interlocal Agreement (ILA) with the San Antonio River Authority (SARA) that allows SARA to provide real estate acquisition services for the proposed SAHA Wheatley Courts Redevelopment Project. SAHA will incorporate Low Impact Design (LID) features to its storm management plan for this project.

In FY 2015/16, SARA will continue to provide acquisition services and oversight of consultants, including survey, appraisal and relocation. SARA will also provide project management and record keeping for the acquisition process and LID training.

Clean Rivers Program 2013

There are two programs collecting routine surface water quality data in the San Antonio River Basin. One is the San Antonio River Authority Stream Monitoring Project funded by the River Authority's General Fund. The second is the Texas Clean Rivers Program (CRP) funded by the Texas Commission on Environmental Quality (TCEQ). The CRP, which has been on-going since 1992, provides funding to analyze and manage data gathered from surface water samples collected throughout the basin. The CRP produces quality assured water quality data for the assessment of current water quality conditions and long-term trends. Information is shared with the community and stakeholders.

In FY 2015/16, the CRP will continue to collect, analyze, and manage surface water quality data collected throughout the San Antonio River Basin. The San Antonio River Authority CRP utilizes a watershed approach to address impairments, concerns, and long-term trends while coordinating the monitoring resources of partnering agencies.

Clean Rivers Program 2015

There are two programs collecting routine surface water quality data in the San Antonio River basin. One is the Texas Clean Rivers Program (CRP) funded by the Texas Commission on Environmental Quality (TCEQ). The second is the San Antonio River Authority Stream Monitoring Project funded by the River Authority's General Fund. Both programs provide funding to analyze and manage data gathered from surface water samples collected throughout the basin. These programs produce quality assured water quality data for the assessment of current water quality conditions and long-term trends. The TCEQ funding for the project includes two annual contract periods - FY 2015/16 and FY 2016/17.

In FY 2015/16, the CRP and River Authority monitoring projects will collect, analyze, and manage surface water quality data collected throughout the San Antonio River basin. These programs utilize a watershed approach to address impairments, concerns, and long-term trends while coordinating the monitoring resources of partnering agencies.

National Park Service (NPS) Monitoring

The Environmental Sciences Department (ESD) conducts bi-monthly water quality sampling at four established sites within the San Antonio Missions National Historical Park, including Piedras Creek, Acequia De Espada, Acequia de San Juan De Capistrano and the San Antonio River at the San Juan De Capistrano Mission. This effort monitors water quality, instream and riparian habitat conditions, and fish and benthic macrobenthic communities in The San Antonio Missions National Historical Park to provide data to the National Park Service National Inventory.

In FY 2015/16, the River Authority will continue collection and laboratory analysis in support of this effort on behalf of the National Park Service.

Texas Department of Transportation (TxDOT) Stormwater Monitoring

The Environmental Sciences Department (ESD) maintains and operates the Texas Department of Transportation (TxDOT) remote automated sampler located at the intersection of Highway 151 and Ingram Road. Stormwater samples are collected quarterly at this site and are delivered to the River Authority ESD laboratory for analysis. The data is used in support of compliance monitoring for the Municipal Separate Storm Sewer System (MS4) Permit held by TxDot, the City of San Antonio and the San Antonio Water System.

In FY 2015/16, the River Authority will continue collection and laboratory analysis in support of this effort on behalf of TxDOT, the City of San Antonio and the San Antonio Water System.

Calaveras 10 Dam Rehabilitation

This project improves the Parita Creek (Calaveras 10) Dam to current Texas Commission on Environmental Quality (TCEQ) standards. Improvements primarily include earthwork to increase the height of the dam and to improve the auxiliary spillways. According to the project plan and the operation and maintenance agreement for the rehabilitation project, the San Antonio River Authority (SARA) is responsible for the operation and maintenance of this dam site to assure it will function as designed and constructed. This project is 14 percent funded by the Texas State Soil and Water Conservation Board (TSSWCB), 65 percent funded by the Natural Resources Conservation Service (NRCS), and the remainder from Bexar County. The design and construction is being administered by SARA Watershed Engineering staff.

During FY 2015/16, the project tasks will include engineering design, regulatory approval, procurement of rights-of-way, preparation of construction bid documents, and the construction of the dam's improvements.

Martinez 1, 2 and 3 Dam Rehabilitation

This project improves Binz Engelman Dam (Martinez 1), Martinez Creek Dam (Martinez 2) and Escondido Creek Dam (Martinez 3) to current Texas Commission on Environmental Quality (TCEQ) standards. Improvements primarily include earthwork to increase the height of the dams and to improve the auxiliary spillways. According to the project plan and the operation and maintenance agreement for the rehabilitation project, the San Antonio River Authority (SARA) is responsible for the operation and maintenance of the dams to assure they function as designed and constructed. This project is funded by Texas State Soil and Water Conservation Board (TSSWCB) up to 14 percent; the Natural Resources Conservation Service (NRCS) funds 65 percent; and the remainder is funded by Bexar County. The design is being administered through SARA. SARA will also provide construction administration and project management services through construction.

During FY 2015/16, the project tasks will include procurement of inundation easements and the construction of improvements to these dams.

Lower Leon Creek Use-Attainability Analysis (UAA)

The objective of the Lower Leon Creek Use Attainability Analysis is to complete the water quality monitoring and write a Lower Leon Creek Use Attainability Analysis Report detailing the correlation of water quality, flow and biological data to assist the Texas Commission on Environmental Quality (TCEQ) in assigning the appropriate aquatic life use and dissolved oxygen (DO) criteria in the Lower Leon Creek. Additional quarterly routine monitoring is also collected in the Cibolo Creek, Medina River and Medio Creek Watersheds.

For FY 2015/16, aquatic life, routine chemistry, 24-hour dissolved oxygen and flow measurements will be collected at ten monitoring stations along the Lower Leon Creek; additional quarterly routine monitoring will be conducted at six stations in the Cibolo Creek, Medina River and Medio Creek Watersheds.

The adopted environmental flow standards developed by the Guadalupe, San Antonio, Mission, and Aransas Rivers and Mission, Copano, Aransas, and San Antonio Bays Basin and Bay Stakeholder Committee (BBASC) relied on limited data about the location, reproduction and recruitment of Rangia clams for the spring months. This study develops maps of Rangia clam beds in Mission Lake, Guadalupe Bay and parts of Hynes and San Antonio Bay. Rangia clam growth rings are examined to establish correlations between growth and recruitment with environmental flow conditions.

In FY 2015/16, a workshop will be held to discuss findings to local residents, organizations and agencies. A report will be completed and submitted to the Texas Water Development Board.

Environmental Flows Validation

The goal of this project is to develop methodologies to validate environmental flows adopted by the State of Texas. This will be accomplished by first conducting a workshop with an expert panel to develop several theories on how certain chemical and physical parameters as well as biological indicators will respond to the various tiered flow recommendations. These indicators are identified by the expert panel. Then the selected indicators are studied at several sites and under several flow regimes to validate the theories and the associated flow recommendations. This information will then be used to refine future environmental flow recommendations.

In FY 2015/16, sampling will be concluded and the report generated and submitted to the Texas Water Development Board.

San Antonio River Basin Guadalupe Bass

This project assesses the abundance of Guadalupe Bass *Micropterus tæculi* in the San Antonio River (SAR) watershed and collects, tags and reintroduces the species to a restored reach of the SAR where the species had been extirpated. An assessment of Guadalupe bass in the SAR watershed is being completed to gather genetic and baseline abundance information. Collected adults are tagged, checked for genetic integrity, and stocked in restored stream reaches. Evaluation of efforts begin six months after stocking to document movement, reproduction and recruitment. Habitat association data is collected to help guide future habitat restoration efforts. Over all outcomes expected are including reintroducing the Guadalupe Bass to the Upper SAR, expanding its range and distribution and improving the biotic integrity of the Upper SAR.

In FY 2015/16, this project will continue establishing in-stream habitat structure, map Guadalupe Bass genetic information, collect brood fish, and transplant adult Guadalupe Bass to the restored reach of the Upper SAR and produce a final report for the project.

Cooperating Technical Partners (CTP) Risk MAP Upper San Antonio River

The Federal Emergency Management Agency (FEMA) Risk Mapping, Assessment and Planning (Risk MAP) program assists communities nationwide, assesses flood risks, and encourages mitigation planning to avoid or minimize damage in the face of future disasters. Through more precise flood maps, risk assessment tools and outreach support, Risk MAP strengthens local ability to make informed decisions about reducing risk. This project utilizes the previously developed data to develop new non-regulatory flood risk products, catalogs areas of mitigation interest and success, and produces additional Risk MAP products to increase community awareness about flooding risks

and supports local actions to mitigate those risks. The project consists of two phases with the first being Discovery and the second being Risk Identification and Assessment.

In FY 2015/16, this project will focus on completing Phase II: Risk Identification and Assessment in the Upper San Antonio River Watershed. Phase II focuses on developing FEMA flood risk GIS data products. A Flood Risk MAP, report, and database will be produced for this final phase of the project.

Cooperating Technical Partners (CTP) Risk MAP Upper Medina River

The FEMA Risk Mapping, Assessment and Planning (Risk MAP) program assists communities nationwide, assesses flood risks, and encourages mitigation planning to avoid or minimize damage in the face of future disasters. Through more precise flood maps, risk assessment tools and outreach support, Risk MAP strengthens local ability to make informed decisions about reducing risk. This project utilizes the previously developed data to develop new non-regulatory flood risk products, catalogs areas of mitigation interest and success, and produces additional Risk MAP products to increase community awareness about flooding risks and support local actions to mitigate those risks. The project consists of two phases with the first being Discovery and the second Risk Identification and Assessment.

In FY 2015/16, this project will focus on Phase II Risk Identification and Assessment in the Medina River Watershed. Phase II will focus on developing hydrologic and hydraulic models and flood risk GIS data products. A map, report, and database will be produced at the completion of Phase II.

Cooperating Technical Partners (CTP) Risk MAP Cibolo Creek

The FEMA Risk Mapping, Assessment and Planning (Risk MAP) program assists communities nationwide, assesses flood risks, and encourages mitigation planning to avoid or minimize damage in the face of future disasters. This project utilizes the previously developed data to develop new non-regulatory flood risk products, catalog areas of mitigation interest and success, and produce additional Risk MAP products to increase community awareness about flooding risks and support local actions to mitigate those risks.

In FY 2015/16, this project will focus on completing Phase I: Discovery and begin Phase II activities. Phase I includes community engagement, data collection, needs-identification, community data gaps, and assists in guide specific activities for Phase II. The deliverables for Phase I include a Discovery Report, Map, and Database as well as an initial Flood Risk Report, Map, and database. Phase II includes development of engineering models and creating flood risk products.

FEMA LOMR Grants

This project supports the San Antonio River Authority (SARA) Letter of Map Revision (LOMR) and Conditional Letter of Map Revision (CLOMR) Delegation. The grants delegate to the River Authority the responsibility of reviewing all the LOMR and CLOMR submittals to the Federal Emergency Management Agency (FEMA). The technical review of these studies is done by the River Authority Watershed Engineering staff. This project secures the Digital Flood Insurance Rate Maps (DFIRM) investment by keeping the new flood map information up to date and interactive.

In FY 2015/16, SARA will continue the role of FEMA LOMR Delegated partner. SARA will continue reviewing on behalf of FEMA all Letter of Map Change (LOMC) submittals within Bexar, Wilson, Karnes and Goliad counties.

TPWD Birds, Bass, and Boats Program

The Texas Parks and Wildlife Department's "Life's Better Outside" Co-op grant is an effort to increase awareness of birding, wildlife viewing, paddling, fishing and environmental education programs. For SARA, this grant funds park programming along the San Antonio River in partnership with Mitchell Lake Audubon Center and the Alamo Area Master Naturalists.

In FY 2015/16, San Antonio River Authority staff, in partnership with the Mitchell Lake Audubon Center and the Alamo Area Master Naturalists, are working to introduce 250 participants to birding, wildlife viewing, paddling, fishing and environmental education programs.

Karnes County Maintenance Fund
Fiscal Year Ending June 30, 2016

Fund: 21

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Operating Reserve	\$ -	\$ -	\$ -
Total Beginning Balance	\$ -	\$ -	\$ -
Revenue			
Intergovernmental Revenue	\$ 92,109	\$ 81,455	\$ -
Transfers	92,109	81,455	-
Total Revenue	\$ 184,218	\$ 162,909	\$ -
TOTAL AVAILABLE FUNDS	\$ 184,218	\$ 162,909	\$ -
APPROPRIATIONS			
Operating Expenditures	\$ 184,218	\$ 162,909	\$ -
TOTAL OPERATING APPROPRIATIONS	\$ 184,218	\$ 162,909	\$ -
Operating Reserve	\$ -	\$ -	\$ -
TOTAL APPROPRIATIONS	\$ 184,218	\$ 162,909	\$ -

Karnes County Maintenance Fund

Fund 21

Description

The San Antonio River Authority, through a contract with Karnes County, provides staff to operate and maintain the seventeen floodwater retarding structures of the Esccondido Creek Watershed Protection Project and the Nichols Creek Flood Control Channel. Through FY 2014/15, the costs associated with this effort were budgeted and expensed in this separate Karnes County Maintenance Fund. Because the staff providing these services is accounted for in the River Authority's General Fund, the costs associated with this function, as well as the revenue, are budgeted in the General Fund in FY 2015/16.

<i>Appropriations:</i>	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Operating Expenditures	\$184,218	\$162,909	\$ -
<i>Total Appropriations</i>	<i>\$184,218</i>	<i>\$162,909</i>	<i>\$ -</i>

Program Justification and Fiscal Analysis

This fund is closed in FY 2015/16. All costs associated with providing support to Karnes County for operation and maintenance of dams on the Esccondido Creek watershed and the Nichols Creek Flood Control Channel are funded through the General Fund. Karnes County's contribution which equals half of the total expenditures is also included in the General Fund revenues.

Kenedy Brackish Groundwater Desalination Fund
Fiscal Year Ending June 30, 2016

Fund: 34

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Operating Reserve	\$ -	\$ -	\$ -
Total Beginning Balance	\$ -	\$ -	\$ -
Revenue			
Transfers	\$ 232	\$ -	\$ -
Total Revenue	\$ 232	\$ -	\$ -
TOTAL AVAILABLE FUNDS	\$ 232	\$ -	\$ -
APPROPRIATIONS			
Operating Expenditures	\$ 232	\$ -	\$ -
TOTAL OPERATING APPROPRIATIONS	\$ 232	\$ -	\$ -
Operating Reserve	\$ -	\$ -	\$ -
TOTAL APPROPRIATIONS	\$ 232	\$ -	\$ -

Kenedy Brackish Groundwater Desalination Fund

Fund 34

Description

The Kenedy Brackish Groundwater Desalination Fund assisted the City of Kenedy in implementing improved technology – reverse osmosis – at their wastewater treatment plant. In addition, the project increased the water production, volume and quality at the plant. This fund was closed in FY 2013/14.

Appropriations:

	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Operating Expenditures	\$232	\$ -	\$ -
<i>Total Appropriations</i>	<i>\$232</i>	<i>\$ -</i>	<i>\$ -</i>

Program Justification and Fiscal Analysis

The Kenedy Brackish Groundwater Desalination Fund was closed in FY 2013/14.

Medina Dam Fund
Fiscal Year Ending June 30, 2016

Fund: 14

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Operating Reserve	\$ -	\$ -	\$ -
Total Beginning Balance	\$ -	\$ -	\$ -
Revenue			
Intergovernmental Revenue	\$ 20,200	\$ 50,000	\$ 50,000
Total Revenue	\$ 20,200	\$ 50,000	\$ 50,000
TOTAL AVAILABLE FUNDS	\$ 20,200	\$ 50,000	\$ 50,000
APPROPRIATIONS			
Operating Expenditures	\$ 20,200	\$ 50,000	\$ 50,000
TOTAL OPERATING APPROPRIATIONS	\$ 20,200	\$ 50,000	\$ 50,000
Operating Reserve	\$ -	\$ -	\$ -
TOTAL APPROPRIATIONS	\$ 20,200	\$ 50,000	\$ 50,000

Medina Dam Fund

Fund 14

Description

The San Antonio River Authority began the Median Dam Improvement Project in 2010, providing management and construction administration services for the project on behalf of Bexar-Medina-Atascosa Counties Water Control and Improvement District No.1, the Texas Water Development Board and Bexar County. The improvements were completed in 2012 and included the addition of anchors to the dam's existing abutments and the addition of a concrete apron downstream of the emergency spillway. This fund remains active due to pending litigation related to this project.

<i>Appropriations:</i>	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Operating Expenditures	\$20,200	\$50,000	\$50,000
<i>Total Appropriations</i>	<i>\$20,200</i>	<i>\$50,000</i>	<i>\$50,000</i>

Program Justification and Fiscal Analysis

The FY 2015/16 Budget provides funding for legal expenses related to the Medina Dam Improvement Project resulting from cases filed by contractors. Any expenses incurred are fully reimbursed by Bexar-Medina-Atascosa Counties Water Control and Improvement District No.1 and Bexar County.

Park Resources Development Fund
Fiscal Year Ending June 30, 2016

Fund: 26

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Reserve for Projects	\$ 294,716	\$ 307,871	\$ 335,511
Total Beginning Balance	\$ 294,716	\$ 307,871	\$ 335,511
Revenue			
Investment Earnings	\$ (158)	\$ 140	\$ 140
Charges for Services	94,450	50,000	20,000
Total Revenue	\$ 94,292	\$ 50,140	\$ 20,140
TOTAL AVAILABLE FUNDS	\$ 389,008	\$ 358,011	\$ 355,651
APPROPRIATIONS			
Operating Expenditures	\$ 76,657	\$ 8,300	\$ 10,000
Capital Expenditures	4,480	14,200	-
TOTAL OPERATING APPROPRIATIONS	\$ 81,137	\$ 22,500	\$ 10,000
Reserve for Projects	\$ 307,871	\$ 335,511	\$ 345,651
TOTAL APPROPRIATIONS	\$ 389,008	\$ 358,011	\$ 355,651

Park Resources Development Fund

Fund 26

Description

The Park Resources Development Fund accounts for revenues received from the sale of land and revenues from leases, license agreements and easements, unless otherwise dedicated to other funds. The funds can only be used for land acquisition and/or the development of any project included in the San Antonio River Authority's River Basin Plan for Nature Based Park Resources or subsequent regional parks and recreation plan.

<i>Appropriations:</i>	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Operating Expenditures	\$76,657	\$8,300	\$10,000
Capital Outlay	4,480	14,200	-
<i>Total Appropriations</i>	<i>\$81,137</i>	<i>\$22,500</i>	<i>\$10,000</i>

Program Justification and Fiscal Analysis

The FY 2015/16 Budget for the Park Resources Development Fund provides funds for minor improvements at various park locations. These improvements, all part of the parks master plan, are designed to attract visitors to the park for various activities including camping.

Regional Water Alliance Fund
Fiscal Year Ending June 30, 2016

Fund: 32

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Operating Reserve	\$ 19,212	\$ 13,065	\$ 7,275
Total Beginning Balance	\$ 19,212	\$ 13,065	\$ 7,275
Revenue			
Investment Earnings	\$ (12)	\$ 10	\$ 10
Intergovernmental Revenue	4,200	4,200	4,200
Total Revenue	\$ 4,188	\$ 4,210	\$ 4,210
TOTAL AVAILABLE FUNDS	\$ 23,400	\$ 17,275	\$ 11,485

APPROPRIATIONS

Operating Expenditures	\$ 10,335	\$ 10,000	\$ 11,000
TOTAL OPERATING APPROPRIATIONS	\$ 10,335	\$ 10,000	\$ 11,000
Operating Reserve	\$ 13,065	\$ 7,275	\$ 485
TOTAL APPROPRIATIONS	\$ 23,400	\$ 17,275	\$ 11,485

Regional Water Alliance Fund

Fund 32

Description

The Regional Water Alliance Fund is used to promote and facilitate the sharing of ideas, knowledge, experience and resources of twenty-one water purveyors and regional water entities that have joined together to form the Regional Water Alliance. This group seeks out and implements collaborative solutions to effectively meet the region's diverse water needs. Revenue comes from membership dues. Expenditures mainly relate to San Antonio River Authority staff and some outside resources to support the group's activities.

Appropriations:

	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Operating Expenditures	\$10,335	\$10,000	\$11,000
<i>Total Appropriations</i>	<i>\$10,335</i>	<i>\$10,000</i>	<i>\$11,000</i>

Program Justification and Fiscal Analysis

The FY 2015/16 Budget for the Regional Water Alliance Fund remains at about the same level as expenditures in the past two years. The funds are used to pay for San Antonio River Authority staff and some outside consulting services to support the alliance's efforts.

San Antonio Capital Improvement Projects
Land Sales Fund
Fiscal Year Ending June 30, 2016

Fund: 22

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Reserve for Projects	\$ 327,302	\$ 364,757	\$ 341,745
Total Beginning Balance	\$ 327,302	\$ 364,757	\$ 341,745
Revenue			
Investment Earnings	\$ (159)	\$ 171	\$ 200
Intergovernmental Revenue	700	400	400
Charges for Services	48,516	51,418	46,500
Total Revenue	\$ 49,058	\$ 51,989	\$ 47,100
TOTAL AVAILABLE FUNDS	\$ 376,360	\$ 416,745	\$ 388,845

APPROPRIATIONS

Operating Expenditures	\$ 210	\$ -	\$ -
Westside Creeks San Pedro Creek Project	11,393	75,000	293,607
TOTAL OPERATING APPROPRIATIONS	\$ 11,603	\$ 75,000	\$ 293,607
Reserve for Projects	\$ 364,757	\$ 341,745	\$ 95,238
TOTAL APPROPRIATIONS	\$ 376,360	\$ 416,745	\$ 388,845

San Antonio Capital Improvements Project Land Sales Fund Fund 22

Description

The San Antonio River Authority entered into an amendatory contract with Bexar County in 1999 to work in partnership to complete needed flood control capital improvement projects. Through these projects, the River Authority received funds related to land use. The San Antonio Capital Improvements Project Land Sales Fund accounts for the revenue and authorized expenditures of these funds. Available funds are currently being used to support the Westside Creeks San Pedro Creek Capital Improvements Project.

Appropriations:

	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Operating Expenditures	\$ 210	\$ -	\$ -
Westside Creeks San Pedro Creek Project	11,393	75,000	293,607
<i>Total Appropriations</i>	<i>\$11,603</i>	<i>\$75,000</i>	<i>\$293,607</i>

Program Justification and Fiscal Analysis

The FY 2015/16 Budget appropriates funds for use in completing the Westside Creeks San Pedro Creek capital improvement project. The majority of funding for this project comes from the City of San Antonio and Bexar County. The River Authority's funding will be used to support the public input process and the San Pedro Creek Subcommittee.

**San Antonio River Authority Public Facilities
Corporation Fund
Fiscal Year Ending June 30, 2016**

Fund: 23

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Operating Reserve	\$ -	\$ 1,540,841	\$ 17,333
Total Beginning Balance	\$ -	\$ 1,540,841	\$ 17,333
Revenue			
Investment Earnings	\$ 494	\$ 492	\$ -
Charges for Services	3,576,202	211,400	182,238
Debt Proceeds	3,100,000	-	-
Total Revenue	\$ 6,676,696	\$ 211,892	\$ 182,238
TOTAL AVAILABLE FUNDS	\$ 6,676,696	\$ 1,752,733	\$ 199,571
APPROPRIATIONS			
Operating Expenditures	\$ 1,463,762	\$ 1,524,000	10,000
Debt Service	3,672,093	211,400	182,238
TOTAL OPERATING APPROPRIATIONS	\$ 5,135,855	\$ 1,735,400	\$ 192,238
Operating Reserve	\$ 1,540,841	\$ 17,333	\$ 7,333
TOTAL APPROPRIATIONS	\$ 6,676,696	\$ 1,752,733	\$ 199,571

San Antonio River Authority Public Facilities Corporation Fund

Fund 23

Description

The San Antonio River Authority Public Facilities Corporation is a nonprofit public facility corporation that acts on behalf of the River Authority. The Public Facilities Corporation has statutory authority beyond the scope of the River Authority itself. The Public Facilities Corporation worked with the River Authority to issue debt to fund the construction of a new watershed and parks operation facility – the Mission Reach Operations Center. The Public Facilities Corporation funded and owns the facility and the River Authority pays an annual lease for use of the building.

Appropriations:

	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Operating Expenditures	\$1,463,672	\$1,524,000	\$10,000
Debt Service	3,672,093	211,400	182,238
<i>Total Appropriations</i>	<i>\$5,135,855</i>	<i>\$1,735,400</i>	<i>\$192,238</i>

Program Justification and Fiscal Analysis

In FY 2013/14 and FY 2014/15, the Mission Reach Operations Center was under construction. Costs associated with that construction were funded with debt proceeds from a debt issuance of the Public Facilities Corporation. In addition, the principal and interest payments on the debt were made. Construction of the building was completed in FY 2014/15. No construction costs are budgeted for FY 2015/16. However, debt service payments continue into FY 2015/16. The debt payment is paid from a lease payment funded by the River Authority’s General Fund.

**San Antonio River Industrial Development
Authority Fund
Fiscal Year Ending June 30, 2016**

Fund: 24

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
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Beginning Balance

Operating Reserve	\$ 45,932	\$ 39,909	\$ 33,929
Total Beginning Balance	\$ 45,932	\$ 39,909	\$ 33,929

Revenue

Investment Earnings	\$ (23)	\$ 20	\$ 20
Total Revenue	\$ (23)	\$ 20	\$ 20

TOTAL AVAILABLE FUNDS \$ 45,909 \$ 39,929 \$ 33,949

APPROPRIATIONS

Operating Expenditures	\$ 6,000	\$ 6,000	\$ 6,000
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TOTAL OPERATING APPROPRIATIONS \$ 6,000 \$ 6,000 \$ 6,000

Operating Reserve \$ 39,909 \$ 33,929 \$ 27,949

TOTAL APPROPRIATIONS \$ 45,909 \$ 39,929 \$ 33,949

San Antonio River Industrial Development Authority Fund Fund 24

Description

The San Antonio River Industrial Development Authority (IDA) is a separate organization with its own corporate board. The board manages and approves funding and revenues for this organization.

Appropriations:

	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Operating Expenditures	\$6,000	\$6,000	\$6,000
<i>Total Appropriations</i>	<i>\$6,000</i>	<i>\$6,000</i>	<i>\$6,000</i>

Program Justification and Fiscal Analysis

As in prior years, the FY 2015/16 Budget allocates funding to pay the San Antonio River Authority's membership in the Economic Development Foundation.

South Texas Regional Water Planning Group
Fiscal Year Ending June 30, 2016

Fund: 30

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Operating Reserve	\$ -	\$ -	\$ -
Total Beginning Balance	\$ -	\$ -	\$ -
Revenue			
Investment Earnings	\$ 44	\$ 45	\$ 50
Intergovernmental Revenue	470,778	504,879	127,484
Total Revenue	\$ 470,822	\$ 504,924	\$ 127,534
TOTAL AVAILABLE FUNDS	\$ 470,822	\$ 504,924	\$ 127,534
APPROPRIATIONS			
Operating Expenditures	\$ 470,822	\$ 504,924	\$ 127,534
TOTAL OPERATING APPROPRIATIONS	\$ 470,822	\$ 504,924	\$ 127,534
Operating Reserve	\$ -	\$ -	\$ -
TOTAL APPROPRIATIONS	\$ 470,822	\$ 504,924	\$ 127,534

South Texas Regional Water Planning Group Fund

Fund 30

Description

The South Texas Regional Water Planning Group Fund is an account managed by the San Antonio River Authority on behalf of participants in the South Central Texas Regional Water Planning Group (Region L) and Texas Water Development Board (per Senate Bill 1 (1997)). The participants are the San Antonio Water System, Edwards Aquifer Authority, San Antonio, Guadalupe-Blanco and Nueces River Authorities, City of Victoria, and Guadalupe and Victoria County Groundwater Conservation Districts. The participants in Region L have interlocal agreements that govern the activities of this organization. Revenues are received from the Texas Water Development Board and the participants in Region L. Funds are used for consulting services and general administrative costs associated with developing the five year water plan.

Appropriations:

	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Operating Expenditures	\$470,822	\$504,924	\$127,534
<i>Total Appropriations</i>	<i>\$470,822</i>	<i>\$504,924</i>	<i>\$127,534</i>

Program Justification and Fiscal Analysis

As was the case for the last several years, the FY 2015/16 Budget provides funding for administrative costs and development of the 2016 Regional Water Plan which will be incorporated into the 2017 State Water Plan.

State Grants Fund
Fiscal Year Ending June 30, 2016

Fund: 41

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Undesignated Funds	\$ -	\$ -	\$ -
Total Beginning Balance	\$ -	\$ -	\$ -
Revenue			
Intergovernmental Revenue	\$ 346,954	\$ 334,691	\$ -
Transfers	1,711	30,897	-
Total Revenue	\$ 348,665	\$ 365,588	\$ -
TOTAL AVAILABLE FUNDS	\$ 348,665	\$ 365,588	\$ -
APPROPRIATIONS			
Helton San Antonio River Nature Park	\$ 264,188	\$ 20,332	\$ -
TxDOT Stormwater Monitoring	5,820	7,862	-
Leon Creek UAA	29,275	100,944	-
Rangia Clam Investigation	-	100,000	-
Environmental Flows Validation	-	100,000	-
National Park Service (NPS) Monitoring	8,200	5,553	-
Transfers	41,182	30,897	-
TOTAL OPERATING APPROPRIATIONS	\$ 348,665	\$ 365,588	\$ -
Unrestricted Ending Fund Balance	\$ -	\$ -	\$ -
TOTAL APPROPRIATIONS	\$ 348,665	\$ 365,588	\$ -

State Grants Fund

Fund 41

Description

The San Antonio River Authority continually looks for grant opportunities that can provide funding for needed programs and projects that help further the mission of the River Authority. The River Authority has received state grant funding from various sources over the last several years.

In FY 2015/16, all grant funds have been consolidated into a single fund – the Grants Fund. Prior to FY 2015/16, the River Authority had four separate grant funds including this State Grants Fund. Combining these funds provides the River Authority, its customers and constituents the ability to see the impact of all grant funding in one place. Each grant will continue to be accounted for separately to ensure continued compliance with all granting agency requirements.

The State Grants Fund close in FY 2015/16.

<i>Appropriations:</i>	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Operating Expenditures	\$348,665	\$365,588	\$ -
<i>Total Appropriations</i>	<i>\$348,665</i>	<i>\$365,588</i>	<i>\$ -</i>

Program Justification and Fiscal Analysis

For FY 2015/16, all grants in the State Grants Fund have moved to the Grants Fund. The State Grants Fund will close in FY 2015/16.

Texas Commission on Environmental Quality
Clean Rivers Program Fund
Fiscal Year Ending June 30, 2016

Fund: 40

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
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Beginning Balance

Reserve for Projects	\$ -	\$ -	\$ -
Total Beginning Balance	\$ -	\$ -	\$ -

Revenue

Intergovernmental Revenue	\$ 123,804	\$ 211,628	\$ -
Transfers	116,701	99,241	-
Total Revenue	\$ 240,505	\$ 310,869	\$ -

TOTAL AVAILABLE FUNDS	\$ 240,505	\$ 310,869	\$ -
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APPROPRIATIONS

Operating Expenditures	\$ 240,505	\$ 310,869	\$ -
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TOTAL OPERATING APPROPRIATIONS	\$ 240,505	\$ 310,869	\$ -
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Reserve for Projects	\$ -	\$ -	\$ -
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TOTAL APPROPRIATIONS	\$ 240,505	\$ 310,869	\$ -
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Texas Commission on Environmental Quality Clean Rivers Program Fund

Fund 40

Description

The San Antonio River Authority has participated in the The Texas Commission on Environmental Quality Clean Rivers Program for 23 years. For FY 2015/16, the River Authority has another year of grant funding which is now budgeted in the Grants Fund.

The Clean Rivers Program grant funds two programs that work to collect routine surface water quality data in the San Antonio River Basin. One is the San Antonio River Authority Stream Monitoring Project, which is funded in part by the River Authority's General Fund. The second is the Texas Clean Rivers Program (CRP) which is mainly grant funded. The CRP, which has been on-going since 1992, provides funding to analyze and manage data gathered from surface water samples collected throughout the basin. In addition, the CRP allows for funding of both field equipment and laboratory instruments. The CRP produces quality assured water quality data for the assessment of current water quality conditions and long-term trends. Information is shared with the community and stakeholders. In FY 2015/16, the CRP will collect, analyze, and manage surface water quality data collected throughout the San Antonio River Basin. The San Antonio River Authority CRP utilizes a watershed approach to address impairments, concerns, and long-term trends while coordinating the monitoring resources of partnering agencies.

The Texas Commission on Environmental Quality Clean Rivers Program Fund will close in FY 2015/16.

<i>Appropriations:</i>	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Clean Rivers Program	\$240,505	\$310,869	\$ -
<i>Total Appropriations</i>	<i>\$240,505</i>	<i>\$310,869</i>	<i>\$ -</i>

Program Justification and Fiscal Analysis

For FY 2015/16, the Clean Rivers Program grant has moved to the Grants Fund. The Texas Commission on Environmental Quality Clean Rivers Program Fund will close in FY 2015/16.

Texas Water Development Board Fund
Fiscal Year Ending June 30, 2016

Fund: 82

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Reserve for Projects	\$ -	\$ 1,579,162	\$ 618,107
Total Beginning Balance	\$ -	\$ 1,579,162	\$ 618,107
Revenue			
Debt Proceeds	4,300,000	-	-
Transfers	-	2,458	-
Total Revenue	\$ 4,300,000	\$ 2,458	\$ -
TOTAL AVAILABLE FUNDS	\$ 4,300,000	\$ 1,581,620	\$ 618,107
APPROPRIATIONS			
Nutrient Study	\$ 186,235	\$ 7,463	\$ -
Wilson Karnes Goliad Master Plan	281,480	108,950	61,128
Medina Watershed Master Plan	307,452	78,661	102,508
Cibolo Creek Watershed Master Plan	92,702	392,215	454,471
Debt Issuance Cost	168,105	-	-
Transfers	1,684,864	376,224	-
TOTAL OPERATING APPROPRIATIONS	\$ 2,720,838	\$ 963,513	\$ 618,107
Reserve for Projects	\$ 1,579,162	\$ 618,107	\$ -
TOTAL APPROPRIATIONS	\$ 4,300,000	\$ 1,581,620	\$ 618,107

Texas Water Development Board Fund

Fund 82

Description

The Texas Water Development Board (TWDB) Fund accounts for projects that are funded through a loan received by the River Authority from the TWDB. The four projects included in this fund are: the Nutrient Study; the Wilson, Karnes, Goliad Watershed Master Plan; the Medina Watershed Master Plan and the Cibolo Watershed Master Plan. The original loan totaled \$4.3 million and funded debt issuance costs as well as these projects. The River Authority's utility contributed a portion of the costs to complete the Nutrient Study. The River Authority's General Fund provides the staff resources to complete these important projects.

<i>Appropriations:</i>	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Operating Expenditures	\$867,869	\$587,289	\$618,107
Debt Issuance Costs	168,105	-	-
Transfers 1,684,864		376,224	-
<i>Total Appropriations</i>	<i>\$2,720,838</i>	<i>\$963,513</i>	<i>\$618,107</i>

Program Justification and Fiscal Analysis

Four projects are included in this fund: the Nutrient Study; the Wilson, Karnes, Goliad Watershed Master Plan; the Medina Watershed Master Plan and the Cibolo Watershed Master Plan. The Nutrient Study will be completed in FY 2014/15. This project received some funding from the utility funds.

In FY 2015/16, the Wilson Karnes, Goliad Watershed Master Plan will be finalized. The project links the Medina Watershed Models with the Lower San Antonio Models and includes linking the water quality models and the hydraulic and hydrologic models developed for the lower San Antonio River.

The Medina River Watershed Master Plan project will utilize FY 2015/16 funds to support flood modeling, assessment of stream restoration potential, water quality modeling, identification of risk centers, and development of alternative solutions. This project is entering into its final phase. FY 2015/16 scope includes services for project management, data collection/analysis, review of water quality/pollutant sources, water quality model development and calibration, hydrologic and hydraulic analysis, water quality modeling, stormwater/MS4 permitting, review of best management practices opportunities, implementation planning, and a final report.

The fourth project involves developing a holistic Watershed Master Plan for the Cibolo Creek Watershed. The plan will include on flood issues (hydrologic and hydraulic analysis), stream restoration, water quality modeling, water quality best management practices, (GIS)/mapping/remote sensing, low impact development, MS4 permitting, conservation easements, mitigation banking, and nature based park planning.



White Heron,
Bexar County

Capital Projects



Blue Heron,
Bexar County

SAN ANTONIO RIVER AUTHORITY PROJECT FUND



SAN ANTONIO

RIVER AUTHORITY

Leaders in Watershed Solutions

San Antonio River Authority
 SARA Projects Fund
 Fiscal Year Ending June 30, 2016

Fund: 04

	Budgeted Project Revenue/ Expenditures	Activity to Date As of 06/30/2014	Activity in FY 2014/15	Budgeted Remaining Available Funds
APPROPRIATIONS				
Available Funds				
Intergovernmental Revenue				
Investment Income	-	-	-	-
Interfund Transfers	\$ 10,186,025	\$ -	\$ -	\$ 10,186,025
TOTAL AVAILABLE FUNDS	\$ 10,186,025	\$ -	\$ -	\$ 10,186,025

APPROPRIATIONS (continued)

Projects

Olmos Creek Aquatic Ecosystem Restoration	\$ 15,000	\$ -	\$ -	15,000
WSC San Pedro Creek	20,000	-	-	20,000
Dam Operations Center	500,000	-	-	500,000
USGS Westside Creek Sediment Study	7,000	-	-	7,000
USGS Huisache Brush Management	15,000	-	-	15,000
Urban Reach E coli Monitoring	28,000	-	-	28,000
Holistic Freshwater Mussel Project	28,700	-	-	28,700
Clean Rivers Program 2015 Grant	64,000	-	-	64,000
Automated Storm Water Project	70,000	-	-	70,000
Bacterial Source Tracking	148,500	-	-	148,500
Feral Hog Management	100,000	-	-	100,000
USGS Baseline Study of Oil and Gas Production Const	154,600	-	-	154,600
Water Quality Data Analytics	200,000	-	-	200,000
Trueheart Park	10,000	-	-	10,000
Nature Park Signage Development	50,000	-	-	50,000
Mission Reach Avian Study	55,000	-	-	55,000
County Road (CR) 125 Site Development	125,000	-	-	125,000
Helton SA River Nature Park	400,000	-	-	400,000

APPROPRIATIONS (continued)	Budgeted Project Revenue/ Expenditures	Activity to Date As of 06/30/2014	Activity in FY 2014/15	Budgeted Remaining Available Funds
<i>Projects</i>				
2015 UDC Amendments	17,000	-	-	17,000
Stormwater Training and Tools	125,000	-	-	125,000
School Green Infrastructure Grant	100,000	-	-	100,000
Guenther/Euclid Stormwater Retrofit	150,000	-	-	150,000
BRWM Stream Mitigation Bank	260,000	-	-	260,000
Stormwater BMPs Rebate Program	350,000	-	-	350,000
Trash and Floatables Mitigation	773,525	-	-	773,525
San Antonio Bay EDYS Model Development	189,000	-	-	189,000
UTSA Sediment Source Mobility	55,000	-	-	55,000
Environmental Monitoring System	85,000	-	-	85,000
USGS LSAR Groundwater Surface Water Modeling	87,000	-	-	87,000
Resource Conservation Partnership Program	200,000	-	-	200,000
FloodWorks Website Enhancement	25,000	-	-	25,000
Cooperating Technical Partners (CTP) Development	50,000	-	-	50,000
Edwards Aquifer Watershed Protection	15,000	-	-	15,000
ICM System Pilot	125,000	-	-	125,000
Conservation Innovation Grant	3,000	-	-	3,000
Total Project Expenditures	\$ 4,600,325	\$ -	\$ -	\$ 4,600,325
Unrestricted Reserve	5,585,700	-	-	5,585,700
TOTAL APPROPRIATIONS	\$ 10,186,025	\$ -	\$ -	\$ 10,186,025

San Antonio River Authority Project Fund

Fund 04

Description

The San Antonio River Authority conducts studies and completes projects that further the mission of the organization. The main source of funding for these studies and projects is the General Fund. However, completion of these projects and studies may span more than one FY. Therefore, in FY 2015/16, this new San Antonio River Authority Project Fund is created to budget and manage the expenditures for these activities. This Fund's project budgets are managed by project life rather than by FY to recognize this issue. Funds are transferred from the General Fund to provide needed funding for the projects budgeted in this Fund.

For FY 2015/16, 35 projects and studies are included in this Fund and fall into five categories – Natural Resource Protection, Nature Based Parks, Sustainable Watersheds Implementation, Watershed Modeling, Studies and Planning and Watershed Safety and Response. \$4,600,325 is budgeted for projects. This amount is net the amount of soft cost (e.g. SARA labor hours) associated with the approved project.

This new Fund also now includes the Unrestricted Reserve established by the Board of Directors in the adopted revised fund balance policy. This reserve can be used for any purpose including acquisition of facilities, water, water rights or other activities approved by the Board.

The following describes each project and includes a statement regarding how the project furthers the River Authority's mission.

Projects

Olmos Creek Aquatic Ecosystem Restoration

The Olmos Creek Aquatic Ecosystem project is the restoration of the riparian corridor along three miles of Olmos Creek upstream of Olmos Dam. The project will restore aquatic and riparian habitat throughout the corridor through the removal of invasive species and planting native grasses, shrubs and trees. The project will build employee expertise to enhance watershed health in our community. There are several partners that are leveraging funding for the project, including the City of San Antonio, City of Alamo Heights, and the US Army Corps of Engineers.

Description

This project is managed by the United States Army Corps of Engineers (USACE) and funded by USACE and the City of San Antonio. This project will restore instream habitat and the riparian corridor in and along Olmos Creek between San Pedro Avenue and Olmos Dam through erosion control techniques and an increase in stream shade. Riparian corridor restoration will be accomplished through invasive/exotic plant control, selective thinning and accompanied by woody and herbaceous plantings.

During FY 2015/16, the project will complete the design phase and begin construction.

Westside Creek San Pedro Creek

The San Pedro Creek project will improve the aquatic and riparian health of the creek and provide safety for adjoining properties by removing properties currently identified as being within the floodplain. The project will generate community appreciation and recreation for the creek through the creekway trail improvements and linear park like features. Through partnerships, this project is diversifying and leveraging funding and building upon employee expertise.

Description

In May 2013, the San Pedro Creek Study identified opportunities for containing the 100-year floodplain, restoring and improving water quality and creek functions, and reconnecting people to the community's storied and historic natural resource. In February 2014, Bexar County entered into an agreement with the San Antonio River Authority to begin the design phase of a \$175 million revitalization project along a two-mile downtown creek segment. The design phase will build upon the results of the study and preliminary design and will take approximately 24 months. It is planned to be completed in 2018 in celebration of the 300th anniversary of the establishment of the City.

During FY 2015/16, the project's design will be completed and phase 1 will be bid for construction. Construction is estimated to begin in May 2016 between the San Pedro Creek flood control inlet tunnel and Cesar Chavez.

Dam Operations Center

The construction of the Dam Operations Center off of Binz-Engleman will assist the River Authority's dam maintenance employees by strategically placing them in the middle of Bexar County where they will have more efficient access to the 28 Bexar County dams they maintain. By maintaining these dams to the state and federal standards, public health and safety is ensured, supporting the River Authority's mission to protect and enhance creeks and rivers through service, leadership and expertise.

Description

The dam maintenance crews currently work from a leased facility that does not meet the current and future needs of the staff. The new building will be constructed on existing River Authority property, sharing the property with the Martinez Wastewater Treatment plant and the Utility operating facility. The proposed 3,400 square foot facility will place staff in a more central location for maintaining all the dam structures. During FY 2015/16, the administration building and site infrastructure will be designed and constructed.

U.S. Geological Survey (USGS) Westside Creek Sediment Study

This project is a collaborative effort with the U.S. Geological Survey (USGS) that will expand employee expertise in assessing sediment and water quality of the Westside Creeks. The data and analysis will be used to evaluate the quality of the sediment and identify potential areas that may need to be mitigated. This project also leverages River Authority funding with USGS Cooperative funds.

Description

The Westside Creeks (Alazan, Apache, Martinez and San Pedro) are four tributaries to the San Antonio River that were channelized by the U.S. Army Corps of Engineers (USACE) in the 1960s and 1970s. A feasibility study, conducted by USACE and the River Authority and completed in September 2014, evaluated the ecological restoration opportunities of these creeks. This new study will build upon the completed feasibility study and provide additional information about the current creek sediment and water quality conditions to determine if there are concerns about disturbing the stream-bed during potential restoration activities.

For FY 2015/16, activities will include interpretation of the analytical results and completion of the Scientific Investigation Report by the United States Geological Survey staff.

U.S. Geological Survey (USGS) Huisache Brush Management

The River Authority is collaborating with multiple state, federal, and local partners to investigate the effects of Huisache on surface water resources in south Texas. By quantifying the impact of Huisache management on water availability, the River Authority will be able to assist landowners in making land management decisions that support improving the health of the watersheds.

Description

The southern San Antonio River Basin has experienced woody plant encroachment from Huisache. It is commonly believed that the change in vegetative land cover has affected streamflow and groundwater recharge. This project will evaluate different components of the water cycle as a result of brush management (specifically Huisache management). Meteorological instrumentation will be installed on two adjacent plots of land, one with managed grassland and the second with Huisache brushland. The instrumentation will measure evapotranspiration and rainfall over a range of hydrologic conditions and the data will be linked with remote sensing imagery to provide regional estimates of the effects of the management techniques. After two years, brush management will be implemented to identify the effect on water availability.

In FY 2015/16 year, the United States Geological Survey (USGS) will install and maintain towers on two plots of land, a managed grassland and a huisache brushland, to collect meteorological and rainfall data. In addition, remote sensing imagery will be evaluated for scaling up evapotranspiration estimations to a regional scale. The data will be analyzed to advance evaluation of the different components of the water cycle.

Urban Reach *E. coli* Monitoring

This project will collect water quality and sediment profile data to increase the River Authority's expertise in understanding *E. coli* levels in the urban reach of the San Antonio River. The findings of this project will provide valuable information to recommend best management practices for mitigating *E. coli* levels to preserve and protect the creeks and rivers.

Description

This project will monitor and characterize *E. coli* levels in water and sediment at two locations along the urban reach of the upper San Antonio River. Findings of two intensive monitoring events conducted in 2014 for *E. coli* levels in the upper San Antonio River revealed bacteria levels can

vary significantly when collected at the same monitoring site at different times of the day. This project will monitor *E. coli* bacteria levels in water and sediment along with other water quality parameters over a 24 hour period each quarter during ambient conditions at two locations within the urban reach of the upper San Antonio River. The project will also include scanning the river bed for sediment profiles and documenting river activities during each monitoring period. The goal of the project is to obtain water quality and sediment data to determine if correlations exist among bacteria levels, water quality, sediment depositions, diurnal activities, and anthropogenic river activities.

In FY 2015/16, *E. coli* and water quality parameters will be monitored at two locations in the urban reach of the San Antonio River. A sonar scan on the river bed will be conducted prior to the first monitoring event. A report summarizing all findings and recommendations will be created.

Holistic Freshwater Mussel Project

This ongoing project promotes watershed health and safety, and leverages resources by providing data for the United State Fish and Wildlife Service for at risk species through mussel surveys from the lower Cibolo Creek and San Antonio River, augmenting the Cibolo Creek Watershed Master plan, and providing data for Texas Parks and Wildlife Department (TPWD) for the Texas In Stream Flows Program (TIFP).

Description

Three freshwater mussel species under review for federal listing as threatened or endangered have historically been found in the San Antonio River Basin. One species, Golden Orb, has been recently found in numerous locations in the San Antonio River. In an effort to determine mussel densities and species richness for the entire native mussel community in the San Antonio River Basin, the River Authority will conduct reconnaissance surveys and mussel sample collection efforts throughout the basin. Data collected will be distributed to regulatory agencies to assist in decision-making for listing or delisting candidate species. Sampling locations include the San Antonio River, Cibolo Creek, Salado Creek, Lower Leon Creek, Salatrillo and Martinez Creeks, lower Medina River, Medio Creek and Westside Creeks.

In FY 2015/16, River Authority biologists will conduct reconnaissance surveys, quantitative, and qualitative sampling efforts on the lower San Antonio River and the San Antonio River remnant channel collecting data to estimate population parameters which includes species richness, mussel densities, variance, population size and recruitment.

Clean Rivers Program 2015 Grant

The Clean Rivers Program (CRP) serves to protect and develop a greater understanding of water quality conditions in each sub-watershed in the San Antonio River basin. Data collected under the CRP is used in the Texas Commission on Environmental Quality Integrated Reports to evaluate surface water quality and provide resource managers with tools for making informed water quality decisions, helping to preserve and protect the creeks and rivers.

Description

There are two programs collecting routine surface water quality data in the San Antonio River basin. One is the Texas Clean Rivers Program (CRP), which is funded by the Texas Commission on Environmental Quality (TCEQ). The second is the San Antonio River Authority Stream Monitoring Project, which is funded by the River Authority's General Fund. Both programs provide funding to analyze and manage data gathered from surface water samples collected throughout the basin. In addition, TCEQ funding can be used to purchase field supplies, equipment and instrumentation. These programs will produce quality assured water quality data for the assessment of current water quality conditions and long-term trends. Information is shared with the community and stakeholders. The TCEQ funding for the project includes two annual contract periods - FY 2015/16 and FY 2016/17.

In FY 2015/16, the CRP and River Authority monitoring projects will collect, analyze, and manage surface water quality data collected throughout the San Antonio River basin. These programs will utilize a watershed approach to address impairments, concerns, and long-term trends while coordinating the monitoring resources of partnering agencies.

Automated Stormwater Data Collection Project

The Automated Stormwater Data Collection Project collects water quality data during stormwater runoff events which helps document the importance of managing stormwater quality. The data collected can be used to insure that the watershed master plan models are dynamic and relevant. This project also strengthens and develops staff expertise dealing with automatic samplers and associated equipment.

Description

Streams within the San Antonio River watershed are influenced by non-point sources during storm events. The River Authority is challenged with the task of defining stream water quality within the watershed during storm events. To accomplish this, the River Authority is incorporating the latest innovative procedures to collect water quality data by implementing permanent long-term automated sampling stations designed to collect water samples under storm water conditions. Automated sampling procedures can collect water quality samples throughout the duration of a storm event, making the collection effort more economically feasible and safer without endangering field personnel during hazardous storm conditions.

In FY 2015/16, the River Authority will research and construct two permanent long-term automated stream monitoring stations at locations within the San Antonio River watershed. The purpose of these monitoring stations is to collect long-term water quality data under storm water runoff conditions to help characterize stream water quality within the watershed.

Bacterial Source Tracking

The Bacterial Source Tracking project will advance the River Authority's laboratory expertise in water quality monitoring by developing a method to determine the source of *E. coli* bacteria found in the San Antonio River Basin. Data generated from this project will impact the way watershed solutions are implemented and watershed master plans and models are created.

Description

Bacterial Source Tracking (BST) is an emerging scientific discipline used to determine the source of fecal indicator bacteria in the environment. This project will research various BST methodologies and instrumentation, along with technical and facility requirements needed to successfully incorporate this capability into laboratory operations. The development and implementation of this method will support and enhance efforts to identify and reduce *E. coli* levels in the river.

In FY 2015/16, this project will include the purchase of a quantitative polymerase chain reaction (qPCR) instrument, the completion of lab modifications for the analysis, and the hands-on application of bacterial source tracking. Analysts will perform trial runs, write standard operating procedures, train quality assurance in validation, and demonstrate capabilities in the new parameter. The overall goal of FY 2015/16 is to get the BST parameter functional and producing for real world samples.

Feral Hog Management

This project seeks to develop relationships and fund activities with other agencies of the State to develop strategies that will work to manage the feral hog population in the San Antonio River District using programs that both educate land owners and provide support for management of feral hogs. Results of this project will implement wildlife best management practices in the district that improves water quality and promotes riparian health.

Description

Texas is home to about 2.6 million feral hogs which cause an estimated \$500 million annually in damages to rural and urban areas in Texas. The hogs cause damage to riparian areas along streams, increasing erosion. Feral hogs defecate in and around water increasing levels of bacteria and nutrients in creeks and rivers. In the first year of this project, the River Authority will develop and implement a hog management program, working with other State and local agencies with experience in this issue. The program will include elements that both educate land owners and provide support for eliminating feral hogs.

In the FY 2015/16, the River Authority, along with Texas AgriLife, will host a workshop to educate landowners in the district about feral hog management. Staff will also work with Texas Wildlife Services to actively manage populations of feral hogs in the district.

U.S. Geological Survey (USGS) Baseline Study of Oil and Gas Production Constituents Phase II Project

This specialized monitoring project contributes to the health and safety of the creeks and rivers by monitoring whether oil and gas production is impacting the Lower San Antonio River, Cibolo and Ecleto Creeks. This data helps keep the watershed master plans and models dynamic and relevant.

Description

In Karnes and Wilson counties, the number of new oil and gas production wells has increased substantially since completion of the Phase I report. Few surface water and sediment samples have been collected in the area. The USGS proposes both continued long-term sampling at a subset of currently-sampled stream sites and new focused sampling of additional stream sites within the Lower San Antonio River (LSAR) Basin where oil and gas production is most active. The study will estimate the change in land cover in the central portion of the LSAR Basin due to the conversion of rangeland to well pads sites, new roads, and storage ponds. In addition, streambed-sediment samples will be collected where oil and gas production is most active and be analyzed for polyaromatic hydrocarbon (PAH) concentrations.

For FY 2015/16, the USGS Baseline Study of Oil and Gas Production Constituents Phase II activities include water and streambed-sediment sampling and land cover analysis in sub-watersheds of the lower San Antonio River, Cibolo Creek, and Ecleto Creek.

Water Quality Data Analytics

The development and use of the new water quality data analytics tool will strengthen and develop the expertise of the users and developers. This expertise along with the data collected by the River Authority will be used to generate lasting improvements to the health and safety of creeks and rivers.

Description

While the River Authority collects extensive water quality and biological data, the technical analysis of the data to draw conclusions is an intensive process. This project will develop a tool that will facilitate the process of exploring environmental data. By being able to efficiently assess the data, scientists and engineers will be able to draw conclusions that will assess the condition of the watershed, develop recommendations for addressing watershed concerns and impairments, and improving future sampling plans.

For FY 2015/16, the River Authority will scope, develop and begin testing a data analysis tool for rapid statistical analysis of water quality and environmental data. Relevant stakeholders will collaborate to design the tool interface and technical structure. Analyses that are commonly required for reporting, project support or public inquiry will be identified and built into the tool development.

Trueheart Park

Trueheart Park, once developed, will provide opportunities for visitors to recreate and increase awareness and appreciation of the San Antonio River.

Description

Trueheart Ranch is located in southern Bexar County off Blue Wing Road. The River Authority acquired the property to improve and expand parks and paddling trail opportunities as identified in the Nature Based Park Resources Plan Update. This 300 plus acreage park property will allow the River Authority to offer more monthly park programs and activities for the community. The

overall master plan for this park is expected to be completed and may include sports fields, nature trails, hike and bike trails, camping, paddling access, playgrounds and parking for the community.

During the FY 2015/16, funding will be used to develop a conservation plan.

Nature Park Signage Development

Development of park signage will enhance visitor's enjoyment, understanding and knowledge of the park as well as identify other park opportunities /locations the River Authority has to offer. While enjoying the parks, visitors can develop an enhanced appreciation for the San Antonio River and its tributaries.

Description

This project will design, construct, and install a holistic signage package that is consistent between all of the current River Authority owned nature parks; it will also provide templates for all future park development. Signs to be designed include: way finding signage to the park, gateway signs, maps (both to the park and within each park, print and online), directional signage for attractions, interpretive signage, and coordination with appropriate entities for applicable state and federal signage for national and state designations (El Camino Real National Historic Trail, Texas Inland Paddling Trail, etc.).

For FY 2015/16, this project will complete the design phase to create physical and design templates for the different types of signs/maps/panels that will go in each park. It will also deliver an inventory of needs for all current parks. This inventory will then be cost estimated to develop budgetary requests for future years.

Mission Reach Avian Study

This study will help identify the health of the San Antonio River and ways to improve its ecological function supportive of all that inhabits it.

Description

This project will document avian species within the Mission Reach project area. Incidental and point count surveys will be used to document avian species in the area. The incidental survey data will be used to prepare an avian checklist for the project that can be used for a variety of education and outreach purposes. The point count survey data will establish a baseline data set that can be used in the future for statistical analysis of the project outcomes as they relate to a avian habitat being provided by the project.

In FY 2015/16, the River Authority will hire a consultant with specific expertise to complete the three-year study. Initial work will include evaluation of the study needs and development of survey data collection forms and protocols. Data collection throughout the Mission Reach Project will occur and data will be provided to the River Authority.

County Road (CR) 125 Site Development

Continued improvements within this park will increase park enjoyment and diversify opportunities to recreate outdoors and increase public awareness of and appreciation for the San Antonio River and its creeks and tributaries.

Description

CR 125 is a pproximately 22 acres of land situated midway between the Loop 1604 river access site and Helton San Antonio River Nature Park. This location is as an alternative put-in and take-out for the Saspanco paddling trail located near Saspanco, Texas. This location also provides an additional area for day use recreational park activities, such as picnic pads and walking trails.

In FY 2015/16, the River Authority will develop a fishing pond in the current agricultural lease area that is within the 100 year floodplain. Additional activities will include improvements that support use of the fishing pond.

Helton San Antonio River Nature Park

Continued development of Helton Nature Park will further opportunities for visitors to enjoy, appreciate and understand the San Antonio River. With further enhancements in this park, visitors will be able to stay overnight with better access to the river and other park amenities.

Description

Over the past several years, the River Authority has made improvements to the Helton Nature Park to provide, a multi-use pavilion, picnic units, signage, educational panels, paddling trail access, and a riparian land management demonstration area. The entire region benefits from the riparian land management demonstration area and also from the paddling trail access. Bexar, Wilson, and other counties' students and visitors benefit from the educational panels/signage and potential classes and camps. The funding included in this project will allow for continued development of the park to increase usage.

In FY 2015/16, the River Authority will construct a road through the South Orchard camping area, construct a restroom with showers, a playground and hookups for recreational vehicles/campers.

2015 Unified Development Code (UDC) Amendments

This project eliminates the need for variances in and sets performance standards for development plans utilizing low impact development and natural channel design and provides incentives for their use as well as for conservation subdivision design, thereby implementing watershed solutions that balance environmental, economic, and quality of life needs of the communities. It makes environmentally-friendly design tools more attractive for developers to use. The amendments also incorporate into the City of San Antonio's development code design options reflecting the importance of managing stormwater quality for a healthy and vibrant community.

Description

In 2012, a River Authority-funded Low Impact Development (LID) Implementation Plan recommended that the community identify and eliminate barriers to LID design found in the Unified Development Code (UDC). With FY 2013/14 funding, staff initiated the project to create a new, voluntary LID and natural channel design development track within the UDC. City of San Antonio staff requested that the River Authority include incentivizing the Conservation Subdivision Code toward greater use. The new draft code and code amendments have been completed and submitted to the City of San Antonio. The City has an established review and approval process that will culminate by December 2015 with City Council consideration.

During FY 2015/16, this project will fund supporting the draft code language through the City's approval process and assisting with development of the agency processing procedures that will be required under the code language.

Stormwater Training and Tools

This project educates a broad spectrum of audiences on the importance of managing stormwater quality for a healthy and vibrant community. It provides tools to assist the design community in utilizing River Authority-recommended design options and in assessing the designs' impact on water quality and/or quantity. It also provides a certification program for Low Impact Development (LID) construction and maintenance inspectors to generate improvements to the health of the creeks and rivers.

Description

The River Authority is promoting the use of low impact development (LID) stormwater best management practices (BMPs) and the application of Triple Bottom Line (TBL) assessment, respectively, to improve stormwater runoff management and to ensure that environmental, quality of life, and economic components are factored into project planning and decision making. Training will assist staff, government agencies, and the private design and development community to better apply LID, sustainable stormwater BMPs, and TBL to projects that impact the health of and quality of life within the basin.

Expanded into a fourth year, in FY 2015/16, this project will fund watershed sustainability training for River Authority staff, government agencies, and the private design and development community through one or more of the following means: contracting for tailored training for contractors building; and a lunch and learn series to educate utility personnel to recognize and protect BMPs in their operation and maintenance activities.

School Green Infrastructure Grant

This project provides an educational demonstration of watershed solutions with an emphasis on managing stormwater quality to enhance local creeks and rivers.

Description

Up to \$25,000 each will be provided to schools in the four counties served by the River Authority to design and build a rain garden or select other green infrastructure best management practices for

on-site stormwater management. The winning schools are responsible for operation and maintenance of the installed green infrastructure.

FY 2015/16 is the first full year for this project. Deliverable items include green infrastructure design and installation on four school campuses.

Guenther/Euclid Stormwater Retrofit

Stormwater retrofits of River Authority facilities are being constructed as demonstration projects in support of the Upper San Antonio Watershed Protection Plan best practices. These demonstration projects will provide education opportunities for the River Authority to educate the local development community and general public how best management practices can be implemented and managed. In addition, the projects will benefit the health and safety of the San Antonio River Basin.

Description

The Guenther, Euclid, and Martinez administrative buildings were constructed before low impact development (LID) and other sustainable stormwater technologies were available to this area. The Euclid building's stormwater runoff is causing erosion on River Authority property, and the Guenther's stormwater runoff drains into the Eagleland reach of the San Antonio River Improvements Project. The purpose of this project is to retrofit the facilities' stormwater infrastructure utilizing LID design and construction to improve runoff water quality, to capture all first-flush pollutants, and to increase on-site infiltration before the runoff reaches the San Antonio River and/or its tributaries.

Design of the features will be completed in FY 2014/15. In FY 2015/16, if grant funds are received, LID features will be constructed at Euclid and Guenther facilities, providing the community examples of successful LID retrofit projects. The River Authority's grant application for Environmental Protection Agency (EPA) funding, administered through the Texas Commission on Environmental Quality (TCEQ), has been supported by TCEQ and forwarded to EPA for approval. If awarded, the grant will fund the majority of construction. The River Authority will provide training to the community based on the project and will utilize the retrofits as urban retrofit demonstrations.

Bexar Regional Watershed Management Stream Mitigation Bank

Through collaboration with the Bexar Regional Watershed Management (BRWM) partners, the BRWM Mitigation Bank will restore natural stream functions that will improve the aquatic and riparian health of the creek. These restoration efforts will generate lasting improvements to the creeks' health and safety.

Description

A 2008 U.S. Environmental Protection Agency (EPA)/U.S. Army Corps of Engineers (USACE) rule established mitigation banking as the preferred method of mitigating stream impacts. A stream mitigation bank is a stream that has been restored and then set aside to compensate for future stream impacts. In FY 2013/14, the Bexar Regional Watershed Management (BRWM) funded a study to evaluate developing an urban stream mitigation bank within Bexar County. Based on the

recommendations of the study, the prospectus was submitted in FY 2014/15 and the Mitigation Banking Instrument (MBI) will be submitted in FY 2015/16.

In FY 2015/16, the MBI will be developed and submitted to the USACE. The MBI is documentation that includes design plans and establishes guidelines for the establishment, operation, and maintenance of the proposed mitigation bank.

Stormwater Best Management Practices Rebate Program

By providing monetary incentives to designers and developers who implement LID design into their projects, this project will complement and enhance the results of the 2015 Unified Development Code (UDC) Amendment Project. It is an effective tool by which to generate improvements to the health of the creeks and rivers.

Description

Low Impact Development (LID) is a new concept for many developers and design professionals. To provide an incentive for developers and designers to learn about and to incorporate LID into their design plans, the River Authority is developing a rebate program. Through the program, the River Authority will assist in covering LID costs where those costs reflect an increase over traditional design requirements.

During FY 2015/16, the River Authority will develop the requirements for application and the outreach materials to promote the rebate program, begin accepting applications for a rebate where LID is incorporated in the design plans, and award rebates as appropriate.

Trash and Floatables Mitigation

By centralizing the collection of trash that is carried by stormwater runoff, this project will enhance the health, aesthetics, and recreational use of the creeks and rivers.

Description

During the spring of 2014, the River Authority secured a \$30,000 challenge grant from The Jack and Valerie Guenther Foundation matched by \$10,000 from the City of Alamo Heights and the City of San Antonio, respectively. With \$10,280 contribution from the River Authority, a consultant was engaged to complete a study of trash and floatable collection systems appropriate for Olmos Creek and up to three of its tributaries to mitigate trash and floatables entering the basin between Loop 410 and the Olmos Dam, thereby reducing impacts on the Upper San Antonio River and its headwaters. The study determined optimal locations and collection devices for installation and included a public input component additionally funded by the River Authority.

The FY 2015/16 budget provides funding to move forward with the installation of two trash mitigation systems. The implementation will build on knowledge gained through the Olmos trash study. The specific locations for the systems will be determined in FY 2015/16 and design and implementation will proceed during the year.

San Antonio Bay EDYS Model Development

This ecological modeling project provides the tool to improve understanding the complex dynamics of the San Antonio Bay system, which is a necessary component for supporting conservation efforts, namely for the whooping crane management.

Description

The purpose of this Ecological Dynamic Simulation (EDYS) application is to develop Phase 1 and Phase 2 of an integrated model for the San Antonio Bay. The Phase 1 model will combine multiple parameters and simulate salinity and sediment gradient dynamics resulting from outflows of freshwater from the river and tidal inputs of brackish water from the bay and the effects of these gradients on the marsh vegetation, primarily cordgrass species. Phase 2 will refine Phase 1 and add some specific animal species.

In FY 2015/16, EDYS models developed for the San Antonio Bay will continue to be refined to include additional vegetation and animal species components and monitoring data.

The University of Texas at San Antonio (UTSA) Sediment Source Mobility

This collaborative study with UTSA will enhance the River Authority's capability to protect and restore the basin's streams and rivers including sustaining habitat for key species such as mussels. The project will acquire data regarding sources of gravel substrates as well as parameters contributing to stream restoration potential.

Description

Long term river management strategies addressing channel stability and riverine habitat is dependent on understanding current and future sediment transport functions. The purpose of this project is to quantify the sources and mobility of streambed sediments in the lower San Antonio River with special attention to gravel-sized sediment. The project will identify the sources of coarse-grained material and the impact on the size distributions of stream bed sediment. In addition, the study will assess the mobility and transport rates of sediment with an emphasis on the larger sediment sizes present in the stream bed. The study will identify tributaries that are significant sources of bed sediments, quantify the bed form regime occurring in the San Antonio River and its influence on sediment transport and channel stability, and evaluate the performance of predictive sediment transport functions given these new reach-specific insights. An understanding of sediment characteristics and its sources will be essential as the River Authority interacts with the U.S. Fish and Wildlife Service regarding the impending listing of the Golden Orb mussel as an endangered species.

In FY 2015/16, field work consisting of identifying gravel sources and collecting samples at sedimentary structures on channel bars will commence. Additional channel geometric parameters at the sediment sample sites will also be collected.

Environmental Monitoring System

The project develops and deploys a network of sensors for precipitation and stage within the San Antonio River Basin. This network is key to successful hydrologic, hydraulic, and water quality models as well long term management of the watershed.

Description

This project is building a rain gauge network that monitors rainfall and stream depth throughout the River Authority's District. Initial efforts focused on supporting the Bexar County Flood Warning Project and providing water level data at all 41 River Authority dams. Coordination between existing rainfall monitoring systems of the City of San Antonio and the Edwards Aquifer Authority (EAA) maximizes data collection in Bexar County. Installation of equipment in Bexar County is a cooperative effort between the River Authority and EAA.

For FY 2015/16, the project will focus on expanding the rainfall network to Wilson and Goliad Counties, extending the Bexar County network to fill gaps in rainfall data at desirable locations, and exploring extending the Karnes County network outside the Escondido Creek watershed. The River Authority will work with the National Weather Service and local emergency management officials to determine site locations.

U.S. Geological Survey (USGS) Lower San Antonio River Groundwater/Surface Water Interaction Modeling

This collaborative study with the U.S. Geological Survey (USGS) develops a groundwater surface water model, which is a tool for understanding the interaction between groundwater and surface water resources of the Lower San Antonio River basin. This will provide the River Authority with the avenue to understand and plan for the implications of changing infiltration and exploitation of groundwater resources on the surface waters of the lower basin.

Description

This project will address the impact of groundwater exploitation for hydraulic fracturing by compiling appropriate datasets and, if sufficient data is available, developing a model to simulate stream-aquifer interactions and potential contaminant pathways to surface waters. The project will be conducted in cooperation with the USGS and will produce an analysis of various scenarios that can be used for both planning and assessment purposes.

In FY 2015/16, the project will develop a model using MODFLOW software to simulate groundwater interaction with surface water. Using previously collected datasets, the model will be calibrated and multiple scenarios representing both changes in recharge and increases in groundwater exploitation will be simulated. The simulations will be analyzed to identify the potential impacts on the lower basin streams and rivers.

Resource Conservation Partnership Program

The River Authority is leveraging technical assistance and outreach to assist land owners to implement conservation measures throughout the basin to improve the long term resiliency of the watershed. Through collaboration with multiple public and private partners, the River Authority

will be assisting with implementation of a Natural Resources Conservation Services (NRCS) program that allows land owners to conserve and restore riparian areas and to implement stream restoration and water quality related land management practices.

Description

The River Authority is a partner in the Texas Gulf Coast Initiative (TGCI) of the U.S. Department of Agriculture Resource Conservation Partnership Program (RCPP). The TGCI is a large -scale effort to improve water quality, water quantity, and soil health throughout a 43 county area of the Texas Gulf Coast. The TCGI region is one of the fastest growing areas in the United States and nearly half of all United States coastal wetlands are located along the Gulf. The TGCI will focus on the restoration and protection of headwater stream and wetland systems on agricultural cropland, grassland, rangeland, pastureland, and forestland within the region, to improve function and provide protections to these systems against future development impacts.

Sediment from stream erosion is a major source of pollution into stream and wetland systems. Funds will be used in the River Authority's four county jurisdiction for stream/wetland restoration, best management practices, and riparian/habitat enhancement, improvements to agricultural practices and other land conservation efforts. The River Authority will provide matching local funds and in-kind services by coordinating efforts with the local, state, and national activities of the partnership program.

In FY 2015/16, the River Authority will identify and collaborate with potential landowners/producer participants, assist with providing public outreach services as needed, help identify potential projects, provide technical assistance and support, and collaborate with the partners to develop project activities.

FloodWorks Website Enhancement

This project will enhance the current Floodworks website to display one or many forecast results in addition to current condition results. This will strengthen the River Authority's support role with local emergency operations and provide emergency managers, and response personnel, access to the best available forecasted and current flood event data that will support their planning and preparation activities well in advance and during a storm event. The Floodworks system ultimate goal is to keep citizens safe in times of high water events.

Description

The FloodWorks website is a companion application that reads and displays simulation results from the primary FloodWorks system. The current website only displays near-real time data and doesn't allow display of future forecast simulation results.

In FY 2015/16, this project will enhance the current web application to display one or many forecast results in addition to the current condition results. This will allow users to view and compare near-real time flood conditions with one or many predicted storm scenarios developed prior to an event.

Cooperating Technical Partners Development

Through partnerships, this project is advancing and applying River Authority expertise to influence, develop and implement watershed solutions. This also expands, diversifies and leverage funding sources.

Description

This project supports the River Authority's Letter of Map Revision (LOMR) and Conditional Letter of Map Revision (CLOMR) delegation. The grant delegates to the River Authority the responsibility of reviewing all the LOMR and CLOMR submittals to the Federal Emergency Management Agency (FEMA). This project secures the Digital Flood Insurance Rate Maps (DFIRM) investment by developing a way to keep the new flood map information up to date and interactive.

In FY 2015/16, the River Authority will continue the role of FEMA LOMR Delegation partner and will continue reviewing on behalf of FEMA all forms for Letter of Map Change (LOMC) submittals within the Bexar, Wilson, Karnes and Goliad counties.

Edwards Aquifer Watershed Protection

This project seeks stormwater runoff management solutions to improve water quality and enhance, in concert with local partners, the health and safety of the creeks and rivers.

Description

This project will fund implementation of water quality best management practices (BMPs) over the Edwards Aquifer. The project scope will include research into BMP placement and type, BMP design, pre- and post-construction stormwater monitoring, and BMP construction. It will also include grant writing or other fundraising activities as well as securing partner agreements.

The FY 2015/16 budget will fund staff time to pursue project partners, grants or other funding, and research into BMP placement and type. It will also provide professional services funding toward the design of the BMPs. Initial conversations have been held with the University of Texas at San Antonio, the Edwards Aquifer Authority, and the Greater Edwards Aquifer Alliance to partner on this project.

ICM System Pilot

This project supports watershed health and safety by building upon the previous FloodWorks system and utilizing emerging software technology to provide better information to communities before, during, and after flood events.

Description

InfoWorks Integrated Catchment Modeling (ICM) Live is the next generation operational modeling tool from Innowyze (the software vendor) and can be considered as the successor to FloodWorks but with wider capabilities that take advantage of new data handling techniques, faster processor speeds, and smarter understanding of end user requirements.

In FY 2015/16, this pilot project will select several flooding sources in the Upper San Antonio Watershed to convert from FloodWorks into InfoWorks ICM Live. The project will aim to evaluate the level of effort and challenges associated with a small scale migration to assist in understanding the resource requirements for migration of larger catchment systems. Additionally, this project will explore the added value that InfoWorks ICM brings in regarding data integration, scalability, system management, complex flood modeling, and reduced simulation times.

Conservation Innovation Grant

The Conservation Innovation Grant (CIG) supports the understanding and development of watershed solutions by researching the benefits afforded from riparian buffer areas as they relate to stormwater runoff.

Description

Contingent on support from the Conservation Innovation Grant Project by the Natural Resources Conservation Service, the River Authority will conduct research that fills the information gap in current understanding of the function and design of riparian buffers. Stormwater samples will be collected throughout riparian buffer areas with a spectrum of characteristics, and analyzed for transport of sediment and nutrients. The information gained will be used to enhance the Natural Design Protocol and improve implementation of the watershed master plans with the end goal of efficient use of resources towards improvement of water quality.

In FY 2015/16, the first year of this three year project, the experimental design process will identify cooperators with stream area with the desired characteristics to study the effects of buffer widths on the nutrient management. An experimental design including sample site reconnaissance will be developed along with a quality assurance plan. Passive sampling devices will be designed and installed on the study sites.



SAN ANTONIO

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**PARTNER FUNDED CAPITAL IMPROVEMENT
PROJECT FUNDS**



SAN ANTONIO

RIVER AUTHORITY

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Bexar County Capital Improvements Projects Fund
Fiscal Year Ending June 30, 2016

Fund: 13

APPROPRIATIONS	Budgeted Project Revenue/ Expenditures	Activity to Date As of 06/30/2014	Activity in FY 2014/15	Budgeted Remaining Available Funds
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Available Funds

Intergovernmental Revenue	\$ 4,535,798	\$ 3,188,749	\$ 85,777	\$ 1,261,272
TOTAL AVAILABLE FUNDS	\$ 4,535,798	\$ 3,188,749	\$ 85,777	\$ 1,261,272

APPROPRIATIONS

Projects

BCCIP - Hausman Road LC9	127,578	127,578	-	-
BCCIP - Briggs Road MR28	7,406	7,406	-	-
BCCIP - Shaefer Road CB19	200,106	200,106	-	-
BCCIP - Shepherd Road MR8	85,223	85,223	-	-
BCCIP - Laddie Place	1,804,487	1,804,487	1,041	(1,041)
BCCIP - Ingram Road LC8	52,532	52,532	-	-
BCCIP - Huebner Creek LC17	210,000	180,147	11,937	17,916
BCCIP - Huebner Creek LC15	18,903	18,903	-	-
BCCIP - Evans Road SC2	48,267	48,267	-	-
BCCIP - Roland Avenue SC18	34,211	34,211	-	-
BCCIP - Shane Road SA4	29,267	29,267	-	-
BCCIP - Rock Creek I SA6	10,976	10,976	-	-
BCCIP - Rosillo Creek SC15	16,549	16,549	-	-
BCCIP - Balcones Heights SA38	3,160	3,160	-	-
BCCIP - Live Oak Slough MR27	11,796	11,796	-	-
BCCIP - Menger Road SC12	4,542	4,542	-	-
BCCIP - Perrin Beitel SC9	12,000	2,507	1,153	8,340
BCCIP - Luckey Road MR29	2,095	2,095	-	-
BCCIP - Whisper Creek LC19	900	900	-	-
BCCIP - Knoll Creek SC4	328,000	271,001	1,748	55,251
BCCIP - Hausman Road LC10	1,783	1,783	-	-
BCCIP - French Creek LC23	105,000	9,722	865	94,413

Bexar County Capital Improvements Projects Fund
Fiscal Year Ending June 30, 2016

Fund: 13

APPROPRIATIONS (continued)	Budgeted Project Revenue/ Expenditures	Activity to Date As of 06/30/2014	Activity in FY 2014/15	Budgeted Remaining Available Funds
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Projects

BCCIP - Old Fredericksburg LC27	15,000	2,930	-	12,070
BCCIP - Grosenbacher Road MR30	24,000	9,379	3,848	10,773
BCCIP - Turtle Cross MR31	54,000	-	18,839	35,161
BCCIP - Barbara Drive SA3	93,000	-	-	93,000
BCCIP - Rock Creek II SA6	45,000	-	-	45,000
BCCIP - S. New Braunfels SA8	18,000	2,106	5,754	10,140
BCCIP - Real Road SA17	18,000	327	3,392	14,281
BCCIP - Calaveras 8 SA41	19,155	19,155	-	-
BCCIP - Six Mile Creek SA43	195,000	1,376	-	193,624
BCCIP - VFW Drainage SA44	587	587	-	-
BCCIP - Cacias Road SA45	27,000	2,414	-	24,586
BCCIP - Kirkner Road SA46	36,000	2,096	12,557	21,347
BCCIP - Henze Road SA47	27,000	11,441	-	15,559
BCCIP - Concepcion Creek SA48	275	275	-	-
BCCIP - Bulverde Road SC27	12,000	2,199	161	9,640
BCCIP - Jones Maltsberger	6,000	237	-	5,763
BCCIP - Cimarron Subdivision CB9	9,000	276	-	8,724
BCCIP - S. Hausman @ French Ck LC5	36,000	-	-	36,000
BCCIP - Prue Road at French Creek LC6	12,000	-	4,521	7,479
BCCIP - Elm Ck @ Pearsall MR11	15,000	-	-	15,000
BCCIP - Medio Ck Sunset MR32	30,000	-	-	30,000
BCCIP - Woodlawn at 36th Street SA55	15,000	-	-	15,000
BCCIP - Espada Road	714,000	210,793	19,961	483,246

Total Project Expenditures	\$ 4,535,798	\$ 3,188,749	\$ 85,777	\$ 1,261,272
TOTAL APPROPRIATIONS	\$ 4,535,798	\$ 3,188,749	\$ 85,777	\$ 1,261,272

Bexar County Capital Improvement Projects Fund

Fund 13

Description

The Bexar County Capital Improvement Projects Fund accounts for the budget and expenses related to the River Authority's efforts to assist Bexar County with capital improvement projects they fund. Bexar County reimburses the River Authority for all expenses related to these projects.

The following describes the project that is currently active in this fund.

Projects

Bexar County Capital Improvement Program – Real Estate Acquisitions

The Bexar County Commissioners Court approved a \$500 million flood control capital improvements program in 2007. Projects within the program include regional stormwater facilities, low water crossings, natural waterway conveyances (channelization), outfall structures and buyouts located throughout Bexar County. San Antonio River Authority Real Estate staff provides real estate acquisition services for the program including due diligence and negotiations with property owners under the threat of eminent domain. The sixth Amendment to the interlocal agreement with the County identifies a total of 42 projects. This includes one new project that was added and two projects from the fifth Amendment that were removed.

During FY 2015/16, work will continue on the various projects listed above to complete property acquisitions.

Bexar County Capital Projects Fund
Fiscal Year Ending June 30, 2016

Fund: 59

APPROPRIATIONS	Budgeted Project Revenue/ Expenditures	Activity to Date As of 06/30/2014	Activity in FY 2014/15	Budgeted Remaining Available Funds
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Available Funds

Intergovernmental Revenue	\$ 12,498,519	\$ 5,520,449	\$ 598,866	\$ 6,379,204
TOTAL AVAILABLE FUNDS	\$ 12,498,519	\$ 5,520,449	\$ 598,866	\$ 6,379,204

APPROPRIATIONS

Projects

Calaveras 6 Dam Rehabilitation	\$ 2,689,191	\$ 2,689,191	\$ -	\$ -
Calaveras 8 Dam Rehabilitation	902,128	902,128	-	-
Calaveras 10 Dam Rehabilitation	3,591,140	691,134	234,971	2,665,035
Martinez 1, 2 and 3 Dam Rehabilitation	5,316,060	1,237,996	363,895	3,714,169

Total Project Expenditures	\$ 12,498,519	\$ 5,520,449	\$ 598,866	\$ 6,379,204
TOTAL APPROPRIATIONS	\$ 12,498,519	\$ 5,520,449	\$ 598,866	\$ 6,379,204

Bexar County Capital Projects Fund

Fund 59

Description

The San Antonio River Authority partners with Bexar County to complete capital improvement projects that address flood control. This Bexar County Capital Projects Fund is used to accounts for budgets and expenditures for these projects. Bexar County reimburses the River Authority for expenses incurred. The following describes the projects currently active in this fund.

Projects

Chupaderas Creek, Cooksey Road and Parita Creek (Calaveras 6, 8 and 10) Dams

Rehabilitation

These three projects – Chupaderas Creek, Cooksey Road and Parita Creek (Calaveras 6, 8 and 10) Dams Rehabilitations – result in improvements that bring the dams to current Texas Commission on Environmental Quality (TCEQ) standards. Improvements include earthwork to increase the height of the dam and auxiliary spillway, installation of sheet piling along with other improvements to the auxiliary spillway, construction of new inlet and outlet structures and a new principal spillway pipe. The River Authority is responsible for the operation and maintenance of the dams to assure they function as designed and constructed. The projects are 23 percent funded by Bexar County, 12 percent by the Texas State Soil and Water Conservation Board (TSSWCB), and 65 percent by the Natural Resources Conservation Service (NRCS). The NRCS and TSSWCB funding for these projects is accounted for in the Grant Fund. The design is being administered through the River Authority. River Authority staff also provides construction administration and project management services through construction. These improvements have been designed to provide control of floodwaters in the basin, thereby protecting human life and property in the downstream affected areas.

Chupaderas Creek and Cooksey Road (Calaveras 6 and 8) Dam rehabilitations are complete. Construction of the Parita Creek (Calaveras 10) dam improvements will be completed in September 2015.

Binz Engleman, Martinez Creek and Escondido (Martinez 1, 2 and 3) Dams Rehabilitation

This project improves the Binz Engleman, Martinez Creek and Escondido (Martinez 1, 2 and 3) Dams to current Texas Commission on Environmental Quality (TCEQ) standards. Improvements primarily include earthwork to increase the height of the dams and to improve the auxiliary spillways. The River Authority is responsible for the operation and maintenance of the dams to assure they function as designed and constructed. The projects are 23 percent funded by Bexar County, 12 percent by the Texas State Soil and Water Conservation Board (TSSWCB), and 65 percent by the Natural Resources Conservation Service (NRCS). The NRCS funding for these projects is accounted for in the Grant Fund. The design is being administered through the River Authority. River Authority staff also provides construction administration and project management services through construction. The dams are an important component in controlling floodwaters in the basin and protecting creeks and rivers. Construction of the improvements at all three dams is expected to be completed in the spring of 2016.

Bexar County Flood Tax Fund
Fiscal Year Ending June 30, 2016

Fund: 51

APPROPRIATIONS	Budgeted Project Revenue/ Expenditures	Activity to Date As of 06/30/2014	Activity in FY 2014/15	Budgeted Remaining Available Funds
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Available Funds

Intergovernmental Revenue	\$ 170,289,846	\$ 164,197,753	\$ 2,007,726	\$ 4,084,367
TOTAL AVAILABLE FUNDS	\$ 170,289,846	\$ 164,197,753	\$ 2,007,726	\$ 4,084,367

APPROPRIATIONS

Projects

Museum Reach - Park Segment	\$ 3,893,565	\$ 1,348,938	\$ 1,574	\$ 2,543,053
Museum Reach - Urban Segment	10,713,338	10,713,338	-	-
Mission Reach	155,682,943	152,135,477	2,006,152	1,541,314

Total Project Expenditures	\$ 170,289,846	\$ 164,197,753	\$ 2,007,726	\$ 4,084,367
TOTAL APPROPRIATIONS	\$ 170,289,846	\$ 164,197,753	\$ 2,007,726	\$ 4,084,367

Bexar County Flood Tax Fund

Fund 51

Description

The San Antonio River Authority partners with the City of San Antonio, Bexar County and the U.S. Army Corp of Engineers to complete capital improvement projects that address flood control, water quality and recreational opportunities. This Bexar County Flood Tax Fund is used to account for budgets and expenditures for flood control components of these projects funded by Bexar County. The County reimburses the River Authority for all expenses incurred.

The following describes the projects that have been active in this fund over the last several years.

Projects

San Antonio River Improvements - Museum Reach - Park Segment

The Museum Reach – Park Segment project, a component of the San Antonio River Improvements project funded by the City of San Antonio and Bexar County along with support from the River Authority, involves infrastructure improvements that address flood control, amenities that provide citizens, ecosystem restoration, and recreational opportunities in and along the river, north of U.S. Highway 281 and south of Hildebrand Road.

The last part of this project extends the Museum Reach Urban Segment trail system to include Trail 17 - which is located on Tuleta Street east to Broadway and west to Red Oak Drive. The FY 2015/16 Budget includes funding to complete this trail segment. The deliverables include: concrete sidewalks, electrical, demolition, signage, asphalt paving, cast-in-place concrete and storm drainage work.

San Antonio River Improvements - Museum Reach - Urban Segment

This project extended the current River Walk from Lexington Avenue about 7,000 feet to Josephine Street. Sidewalks with street-to-river access structures were provided on both banks of the project. The project has a Lock and Dam system that lifts the barges almost nine feet, allowing them to traverse the additional 6500 feet needed to get to Grayson Avenue. The barge traffic stops at this location but the pedestrian traffic can continue another 500 feet to Josephine Street. At this point, the pedestrian traffic has the opportunity to access Josephine Street and use it along with other streets to continue on to Brackenridge Park. The project also included the completion of the Federal Emergency Management Agency (FEMA) Letter of Map Revision (LOMR). This project is complete.

San Antonio River Improvements - Mission Reach

The Mission Reach project was a joint effort between the U.S. Army Corps of Engineers (USACE), Bexar County, City of San Antonio, and the San Antonio River Authority to provide ecosystem restoration while maintaining or improving flood reduction benefits to the San Antonio River from Lone Star Boulevard to Mission Espada. The San Antonio River Oversight Committee provided public direction and input. Preliminary authorization for the Historic Mission Reach was substantially completed in October 2003. The locally prepared design with modifications was selected by the USACE as the preferred plan; final design began in October 2004. Through the co-

commitment of local and federal funding, Phase I construction was completed in December of 2009. Phase 2 construction was completed in May of 2011 with a formal Grand Opening of Phases I and 2 in June 2011. The last portion - Phase 3 construction - was completed in August 2013.

Bexar County Visitor Tax Fund
Fiscal Year Ending June 30, 2016

Fund: 52

	Budgeted Project Revenue/ Expenditures	Activity to Date As of 06/30/2014	Activity in FY 2014/15	Budgeted Remaining Available Funds
APPROPRIATIONS				

Available Funds

Intergovernmental Revenue	\$ 33,470,854	\$ 33,470,854	\$ -	\$ -
TOTAL AVAILABLE FUNDS	\$ 33,470,854	\$ 33,470,854	\$ -	\$ -

APPROPRIATIONS

Projects

San Antonio River Improvements - Mission Reach	\$ 33,470,854	\$ 33,470,854	\$ -	\$ -
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Total Project Expenditures	\$ 33,470,854	\$ 33,470,854	\$ -	\$ -
TOTAL APPROPRIATIONS	\$ 33,470,854	\$ 33,470,854	\$ -	\$ -

Bexar County Visitor Tax Fund

Fund 52

Description

The San Antonio River Authority partners with the City of San Antonio, Bexar County and the U.S. Army Corp of Engineers to complete capital improvement projects that address flood control, water quality and recreational opportunities. This Bexar County Visitor Tax Fund is used to account for budgets and expenditures for the components of these projects that are eligible for visitor tax funding. Bexar County levies this tax. The County reimburses the River Authority for all expenses incurred.

The following describes the project that has been active in this fund over the last several years.

Projects

San Antonio River Improvements – Mission Reach

The Mission Reach project was a joint effort between the U.S. Army Corps of Engineers (USACE), Bexar County, City of San Antonio, and the San Antonio River Authority to provide ecosystem restoration while maintaining or improving flood reduction benefits to the San Antonio River from Lone Star Boulevard to Mission Espada. The San Antonio River Oversight Committee provided public direction and input. Preliminary authorization for the Historic Mission Reach was substantially completed in October 2003. The locally prepared design with modifications was selected by the USACE as the preferred plan; final design began in October 2004. Through the commitment of local and federal funding, Phase 1 construction was completed in December of 2009. Phase 2 construction was completed in May of 2011 with a formal Grand Opening of Phases I and 2 in June 2011. The last portion - Phase 3 construction - was completed in August 2013.

Bexar County Westside Creeks Restoration Projects Fund
Fiscal Year Ending June 30, 2016

Fund: 54

	Budgeted Project Revenue/ Expenditures	Activity to Date As of 06/30/2014	Activity in FY 2014/15	Budgeted Remaining Available Funds
APPROPRIATIONS				

Available Funds

Intergovernmental Revenue	\$ 23,200,008	\$ 2,758,943	\$ 4,701,280	\$ 15,739,785
Transfers	380,000	380,000	-	-
TOTAL AVAILABLE FUNDS	\$ 23,580,008	\$ 3,138,943	\$ 4,701,280	\$ 15,739,785

APPROPRIATIONS

Projects

Westside Creek - San Pedro Creek	\$ 16,580,008	\$ 2,656,690	\$ 4,459,450	\$ 9,463,868
Westside Creek - Elmendorf Lake Park	\$ 7,000,000	\$ 482,253	\$ 241,830	6,275,917

Total Project Expenditures	\$ 23,580,008	\$ 3,138,943	\$ 4,701,280	\$ 15,739,785
TOTAL APPROPRIATIONS	\$ 23,580,008	\$ 3,138,943	\$ 4,701,280	\$ 15,739,785

Bexar County Westside Creeks (WSC) Restoration Project Fund 54

Description

The San Antonio River Authority partners with the City of San Antonio and Bexar County to complete capital improvement projects that address flood control, water quality and recreational opportunities. This Bexar County Westside Creeks (WSC) Restoration Project Fund is used to account for budgets and expenditures for the Bexar County's portion of these improvement projects. Bexar County reimburses the River Authority for expenses incurred.

The following describes the projects that are active in this fund.

Projects

Westside Creek – San Pedro Creek

In May 2013, the San Pedro Creek Study identified opportunities for containing the 100-year floodplain, restoring and improving water quality and creek functions, and reconnecting people to the community's storied and historic natural resource. In February 2014, Bexar County entered into an agreement with the San Antonio River Authority to begin the design phase of a \$175 million revitalization project along a two-mile downtown creek segment. The design phase builds on the results of the study and preliminary design (40 percent) was completed in March 2015. Construction is anticipated to begin in 2016 and be completed in 2018 in celebration of the 300th anniversary of the establishment of the City.

In April 2015, the preliminary designs were presented and reviewed by all the funding partners to determine whether to proceed with full design, and if so, what options and alternatives would be pursued. The partners accepted preliminary designs and agreed to move forward to full design of the project. During FY 2015/16, the project's design will be completed and phase 1 will be bid for construction. Construction is estimated to begin in May 2016 between the San Pedro Creek flood control inlet tunnel and Cesar Chavez.

Westside Creek – Elmendorf Lake Park

The Elmendorf Lake Park Improvements Project was approved by voters in 2012 through the passage of the 2012 bond. The project stretches from 19th Street to Commerce Street. With support from the City of San Antonio and Bexar County, the total improvements project budget is \$14.87 million. The improvements include recreation enhancements such as a new swimming pool and shade structures, playgrounds, additional bridge crossings over the lake, a pier, trails, picnic areas throughout the park and an improved park plaza for large gatherings. In addition to the recreation elements, lake fountains and aeration bubblers, rain gardens and bio-swales will help to improve the lake's water quality. Design is complete and the construction contract was awarded in April 2015 and will last approximately 16 months.

In FY 2015/16, construction will proceed and is expected to finish in June 2016.

City of San Antonio Capital Improvements Projects 1999 Fund
Fiscal Year Ending June 30, 2016

Fund: 53

	Budgeted Project Revenue/ Expenditures	Activity to Date As of 06/30/2014	Activity in FY 2014/15	Budgeted Remaining Available Funds
APPROPRIATIONS				

Available Funds

Intergovernmental Revenue	\$ 30,459	\$ 525	\$ 2,140	\$ 27,794
TOTAL AVAILABLE FUNDS	\$ 30,459	\$ 525	\$ 2,140	\$ 27,794

APPROPRIATIONS

Projects

Lakewood Acres	\$ 30,459	\$ 525	\$ 2,140	\$ 27,794
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Total Project Expenditures	\$ 30,459	\$ 525	\$ 2,140	\$ 27,794
TOTAL APPROPRIATIONS	\$ 30,459	\$ 525	\$ 2,140	\$ 27,794

City of San Antonio Capital Improvement Projects 1999 Fund

Fund 53

Description

In the past, this fund has been used to budget and manage costs related to improvements on the San Antonio River and other watersheds as authorized in the 1999 amendatory contract with Bexar County. It also accounted for costs related to the Cibola Creek Floodplain Buyout program. Currently, only one project remains in this fund – Lakewood Acres property acquisition with the acquisition of only one parcel remaining to be finalized.

Projects

Lakewood Acres

The San Antonio River Authority worked with Bexar County to acquire land for eventual park development. The purchase of all the needed property in the Lakewood Acres area has been completed with the exception of one parcel. Unique circumstances with the owners of the property have made this purchase time consuming. The funds remaining in the project are to acquire the final land parcel.

City of San Antonio Capital Improvements Project Fund
Fiscal Year Ending June 30, 2016

Fund: 11

	Budgeted Project Revenue/ Expenditures	Activity to Date As of 06/30/2014	Activity in FY 2014/15	Budgeted Remaining Available Funds
APPROPRIATIONS				

Available Funds

Intergovernmental Revenue	\$ 70,215,875	\$ 66,861,567	\$ 66,542	\$ 3,287,766
Investment Income	314,289	-	85,215	229,074
TOTAL AVAILABLE FUNDS	\$ 70,530,164	\$ 66,861,567	\$ 151,757	\$ 3,516,840

APPROPRIATIONS

Projects

Museum Reach - Park Segment	\$ 9,954,456	\$ 8,735,859	\$ 85,215	\$ 1,133,382
Museum Reach - Urban Segment	51,295,705	51,295,705	-	-
Mission Reach	6,513,771	6,513,771	-	-
City of San Antonio Trails	316,232	316,232	-	-
City of San Antonio Outfalls Project	400,000	-	66,542	333,458
City of San Antonio Drainage Master Plan	2,000,000	-	-	2,000,000
City of San Antonio Flood Gate 4	50,000	-	-	50,000

Total Project Expenditures	\$ 70,530,164	\$ 66,861,567	\$ 151,757	\$ 3,516,840
TOTAL APPROPRIATIONS	\$ 70,530,164	\$ 66,861,567	\$ 151,757	\$ 3,516,840

City of San Antonio Capital Improvements Project Fund

Fund 11

Description

The San Antonio River Authority partners with the City of San Antonio, Bexar County and the U.S. Army Corp of Engineers to complete capital improvement projects that address flood control, water quality and recreational opportunities. This City of San Antonio Capital Improvements Project Fund is used to account for budgets and expenditures for the City of San Antonio's portion of these improvement projects. The City of San Antonio reimburses the River Authority for all expenses incurred.

The following describes the projects that have been active in this fund over the last several years.

Projects

San Antonio River Improvements - Museum Reach - Park Segment

The Museum Reach – Park Segment project, a component of the San Antonio River Improvements project funded by the City of San Antonio and Bexar County along with support from the River Authority, involves infrastructure improvements that address flood control, amenities that provide citizens, ecosystem restoration, and recreational opportunities in and along the river, north of U. S. Highway 281 and south of Hildebrand Road.

The last part of this project extends the Museum Reach Urban Segment trail system to include Trail 17 - which is located on Tuleta Street east to Broadway and west to Red Oak Drive and Trail 23 (Broadway Connection). The FY 2015/16 Budget includes funding to complete these trail segments. The deliverables include: concrete sidewalks, electrical, demolition, signage, asphalt paving, a low water crossing, stone paving, lighting, partial demolition and reconstruction of an existing stone wall and storm drainage work.

San Antonio River Improvements - Museum Reach - Urban Segment

This project extended the current River Walk from Lexington Avenue about 7,000 feet to Josephine Street. Sidewalks with street-to-river access structures were provided on both banks of the project. The project has a Lock and Dam system that lifts the barges almost nine feet, allowing them to traverse the additional 6500 feet needed to get to Grayson Avenue. The barge traffic stops at this location but the pedestrian traffic can continue another 500 feet to Josephine Street. At this point, the pedestrian traffic has the opportunity to access Josephine Street and use it along with other streets to continue on to Brackenridge Park. The project also included the completion of the Federal Emergency Management Agency (FEMA) Letter of Map Revision (LOMR). This project is complete

San Antonio River Improvements - Mission Reach and Trails

The Mission Reach project was a joint effort between the U.S. Army Corps of Engineers (USACE), Bexar County, City of San Antonio, and the San Antonio River Authority to provide ecosystem restoration while maintaining or improving flood reduction benefits to the San Antonio River from Lone Star Boulevard to Mission Espada. The San Antonio River Oversight Committee provided

public direction and input. Preliminary authorization for the Historic Mission Reach was substantially completed in October 2003. The locally prepared design with modifications was selected by the USACE as the preferred plan; final design began in October 2004. Through the commitment of local and federal funding, Phase I construction was completed in December of 2009. Phase 2 construction was completed in May of 2011 with a formal Grand Opening of Phases I and 2 in June 2011. The last portion - Phase 3 construction - was completed in August 2013. The \$316,232 will fund construction of approximately 2,550 linear feet of trail from Lone Star Avenue south of Loop 410.

City of San Antonio Outfalls Project

The River Authority will photograph and document up to 1,300 miles of outfalls along the rivers, creeks, and drainage channels within the city limits of San Antonio. Once the outfall data is collected in the field, all data will go through an internal quality control review process to ensure accuracy and completeness of information. The River Authority will provide the data to the City of San Antonio for their use.

City of San Antonio Drainage Master Plan

Through a contract with the City of San Antonio, the River Authority is developing a Local Watershed Master Plan for the major watersheds within the San Antonio city limits, to include Leon Creek, Salado Creek, and Upper San Antonio River. The developed Local Watershed Master Plans will utilize the most updated hydraulic and hydrologic models, floodplain maps and water quality data and modeling to identify and prioritize site specific local capital projects, applications for sustainable stormwater practices and other activities. This project will help reduce the risk to life and property from flooding and mitigate the impact of stormwater on water quality and stream degradation.

City of San Antonio Flood Gate 4 Replacement

Through the interlocal agreement with the City of San Antonio, the River Authority will develop the documents necessary for the solicitation of a design-build contract to complete the replacement of Flood Gate 4 on the San Antonio River.

City of San Antonio Westside Creeks Restoration Project Fund
Fiscal Year Ending June 30, 2016

Fund: 61

APPROPRIATIONS	Budgeted Project Revenue/ Expenditures	Activity to Date As of 06/30/2014	Activity in FY 2014/15	Budgeted Remaining Available Funds
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Available Funds

Intergovernmental Revenue	\$ 15,366,980	\$ 2,154,877	\$ 266,295	\$ 12,945,808
TOTAL AVAILABLE FUNDS	\$ 15,366,980	\$ 2,154,877	\$ 266,295	\$ 12,945,808

APPROPRIATIONS

Projects

Westside Creek Elmendorf Lake Park	\$ 7,250,000	\$ 1,052,383	\$ 157,902	\$ 6,039,715
Westside Creeks Linear Creekway Trails	7,866,980	1,102,494	108,393	6,656,093
Confluence Park	250,000	-	-	250,000

Total Project Expenditures	\$ 15,366,980	\$ 2,154,877	\$ 266,295	\$ 12,945,808
TOTAL APPROPRIATIONS	\$ 15,366,980	\$ 2,154,877	\$ 266,295	\$ 12,945,808

City of San Antonio Westside Creeks Restoration Project Fund

Fund 61

Description

The San Antonio River Authority partners with the City of San Antonio and Bexar County to complete capital improvement projects that address flood control, water quality and recreational opportunities. This City of San Antonio Westside Creeks (WSC) Restoration Project Fund is used to account for budgets and expenditures for the City of San Antonio's portion of these improvement projects. The City reimburses the River Authority for expenses incurred.

The following describes the projects that are active in this fund.

Projects

Westside Creek Elmendorf Lake Park

The Elmendorf Lake Park Improvements Project was approved by voters in 2012 through the passage of the 2012 bond. The project stretches from 19th Street to Commerce Street. With support from the City of San Antonio and Bexar County, the total improvements project budget is \$14.87 million. The improvements include recreation enhancements such as a new swimming pool and shade structures, playgrounds, additional bridge crossings over the lake, a pier, trails, picnic areas throughout the park and an improved park plaza for large gatherings. In addition to the recreation elements, lake fountains and aeration bubblers, rain gardens and bio-swales will help to improve the lake's water quality. Design is complete and the construction contract was awarded in April 2015 and will last approximately 16 months.

In FY 2015/16, construction will proceed.

Westside Creeks Linear Creekway Trails

Through the voter approved Proposition 2 in 2010, the City of San Antonio funded \$10.1 million for creekway trail improvements along the Westside Creeks. The design and construction of these improvements is being managed by the San Antonio River Authority. The completed project will provide increased opportunities for community enjoyment. The Apache and San Pedro Creeks trail will connect Elmendorf Lake Park to the San Antonio River. The 10-foot wide trail will include amenities such as shade structures, drinking fountains, signage, and seating. The Alazan Creek trail will connect Woodlawn Lake Park to West End Park, and along Martinez Creek, the trail will connect Fredericksburg Road to Cincinnati Avenue. This connection develops multimodal connections by linking VIA Metropolitan Transit's Primo bus station to the creekway trail and a bike lane along Cincinnati Avenue that extends into Woodlawn Lake Park. Construction of the trails is anticipated to begin in May 2015 and be completed by March 2016.

Confluence Park

The City of San Antonio is contributing \$250,000 from their FY 2014/15 Adopted Budget toward funding for the design and construction of Confluence Park. This project is being accomplished through the San Antonio River Foundation. The foundation is raising funds both from the private and public sector to complete this park that will provide educational and recreational opportunities. The River Authority will transfer the City of San Antonio funding to the San Antonio River Foundation in support of their efforts to advance this project.

Downstream Capital Improvements Projects Fund

Fund: 58

Fiscal Year Ending June 30, 2016

	Budgeted Project Revenue/ Expenditures	Activity to Date As of 06/30/2014	Activity in FY 2014/15	Budgeted Remaining Available Funds
APPROPRIATIONS				

Available Funds

Intergovernmental Revenue	\$ 235,322	\$ 158,112	\$ 40,394	\$ 36,816
TOTAL AVAILABLE FUNDS	\$ 235,322	\$ 158,112	\$ 40,394	\$ 36,816

APPROPRIATIONS

Projects

Escondido Creekway Real Estate Acquisition	\$ 235,322	\$ 158,112	\$ 40,394	\$ 36,816
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Total Project Expenditures	\$ 235,322	\$ 158,112	\$ 40,394	\$ 36,816
TOTAL APPROPRIATIONS	\$ 235,322	\$ 158,112	\$ 40,394	\$ 36,816

Downstream Capital Improvement Project Fund

Fund 58

Description

The San Antonio River Authority serves four counties – Bexar, Wilson, Karnes and Goliad. This fund accounts for projects that are undertaken in the three “downstream” (of Bexar County) counties – Wilson, Karnes and Goliad.

Projects

Escondido Creekway Real Estate Acquisition

Escondido Creek meanders between Kenedy's Joe Gulley Park on the west and downtown Kenedy on the east. This 1.25 mile stretch is currently maintained by the San Antonio River Authority for drainage and flood control. The River Authority is expanding its vision for this area, and is working with the local community to develop the Escondido Creek Parkway. The initial development will extend between Joe Gulley Park north to North 5th Street/Business 181, with potential future phases extending east to the old Southern Pacific Railroad right-of-way, and south to a downtown trailhead.

During FY 2015/16, the River Authority will finish acquiring the needed real estate for the planned parkway.

**UTILITY FUNDED CAPITAL IMPROVEMENT
PROJECT FUNDS**



SAN ANTONIO

RIVER AUTHORITY

Leaders in Watershed Solutions

Randolph AFB Renewals and Replacement Fund
Fiscal Year Ending June 30, 2016

Fund: 83

	Budgeted Project Revenue/ Expenditures	Activity to Date As of 06/30/2014	Activity in FY 2014/15	Budgeted Remaining Available Funds
APPROPRIATIONS				

Available Funds

Intergovernmental Revenue	\$ 1,487,984	\$ 336,216	\$ 352,113	\$ 799,655
TOTAL AVAILABLE FUNDS	\$ 1,487,984	\$ 336,216	\$ 352,113	\$ 799,655

APPROPRIATIONS

Projects

Randolph Air Force Base Year 10 (2013)	\$ 277,230	\$ 277,230	\$ -	\$ -
Randolph Air Force Base Year 11 (2014)	196,935	-	196,935	-
Randolph Air Force Base Year 12 (2015)	144,627	-	-	144,627
Randolph Air Force Base Year 13 (2016)	357,300	-	-	357,300

Total Project Expenditures	\$ 976,092	\$ 277,230	\$ 196,935	\$ 501,927
Reserve - Future Capital Improvements	511,892	-	-	511,892
TOTAL APPROPRIATIONS	\$ 1,487,984	\$ 277,230	\$ 196,935	\$ 1,013,819

Randolph Air Force Base Renewals and Replacement Fund Fund 83

Description

The San Antonio River Authorities has responsibility for the Randolph Air Force Base (RAFB) wastewater collection system which provides service to customers of the Randolph Air Force Base installation adjacent to Universal City in Bexar County. The Utilities Department operates and maintains the River Authority-owned collection system in the Randolph Air Force Base installation as well as completing projects annually that improve the system. The Randolph Air Force Base Renewals and Replacement Fund accounts for the capital improvement projects completed annually to maintain the collection system. Every year, several pipe replacement and manhole improvements projects are completed.

The following describes the projects currently accounted for in this fund.

Projects

Randolph Air Force Base Years 10 through 13

As stated, every year, the River Authority rehabilitates portions of the Randolph Air Force Base (RAFB) collection system based on a 50 year plan. The River Authority re-assesses the sewer lines by closed circuit television to determine lateral locations which are in poor condition, as well as determine the best type of rehabilitation. Repairs and improvements are then completed for the identified line, and the manholes involved are coated.

In year 10 (2013), 3589 linear feet of pipe and 13 manholes were improved. This included rehabilitation of 1,652 linear feet of 6 inch pipe by CIPP (cast in place pipe method), 1,196 linear feet of 8 inch pipe by CIPP, 741 linear feet of 12 inch pipe by CIPP and rehab of 13 manholes by installing new ring and covers and spraying the manhole's interior with epoxy liner. In year 11 (2014), 2,410 linear feet of pipe and 4 manholes were improved. This included rehab of 1,120 linear feet of 6 inch pipe by CIPP, 1,290 linear feet of 8 inch pipe by CIPP and rehabilitation of 3 manholes by the same method and installation of 1 new manhole. In year 12 (2015), 1,332 linear feet of pipe and 2 manholes are being improved. This includes rehabilitation of 1,332 linear feet of 6 inch pipe by CIPP and rehabilitation of 2 manholes by the same method described above. In year 13 (2016), 1,395 linear feet of pipe, 7 manholes and 2 lift stations will be improved. This includes rehabilitation of 230 linear feet of 6 inch pipe by CIPP, 1,116 linear feet of 8 inch pipe by CIPP and rehabilitation of 7 manholes by the same method. This year's projects will also include rehabilitation of 2 lift stations by installing new pumps, electrical panels and spraying the interior of lift station with epoxy liner.

Salatrillo Construction and Improvements Fund
Fiscal Year Ending June 30, 2016

Fund: 81

	Budgeted Project Revenue/ Expenditures	Activity to Date As of 06/30/2014	Activity in FY 2014/15	Remaining Available Funds
APPROPRIATIONS				

Available Funds

Other Contributions	\$ 12,167	\$ 12,167	\$ -	\$ -
Transfers	6,032,740	4,923,089	67,049	1,042,602
Investment Income	130,928	130,928	-	-
Impact Fees	1,153,182	385,031	768,151	-
TOTAL AVAILABLE FUNDS	\$ 7,329,017	\$ 5,451,215	\$ 835,200	\$ 1,042,602

APPROPRIATIONS

Projects

City Metering	\$ 237,794	\$ 173,515	\$ 64,279	\$ -
Salatrillo Wastewater Treatment Plant Expansion	7,150	-	7,150	-
Screw Pump Replacement	1,178,473	30,334	365,226	782,913
Salatrillo Beltpress Replacement	1,110,359	1,110,359	-	-
Salatrillo Wholesale Collection System - Inflow and Infiltration	482,529	211,400	-	271,129

Total Project Expenditures	\$ 3,016,305	\$ 1,525,608	\$ 436,655	\$ 1,054,042
Reserve - Future Capital Improvements	4,312,712	-	-	4,312,712
TOTAL APPROPRIATIONS	\$ 7,329,017	\$ 1,525,608	\$ 436,655	\$ 5,366,754

Salatrillo Construction and Improvements Fund

Fund 81

Description

The Salatrillo Wastewater Treatment System includes wholesale, retail and reuse water services. Wholesale wastewater service is provided to the cities of Converse, Live Oak, and Universal City. Each city maintains and operates the collection systems within its city limits; however, the main outfall lines from the cities are maintained by Utilities Department personnel. The retail portion of the Salatrillo Wastewater System provides retail wastewater services to parts of the City of San Antonio and Bexar County. The Salatrillo Reuse function provides reuse water and delivery services to Universal City as well as Alamo Community Colleges – Northeast Lakeview campus..

The Salatrillo Construction and Improvements Fund now accounts for all of the construction of and improvements to the Salatrillo wastewater system – wholesale, retail and reuse.

The following describes the projects currently active in this system and fund.

Projects

City Metering for Salatrillo Wastewater Treatment System

The River Authority established meters to measure the actual flows coming from each of the cities of Universal City, Live Oak and Converse served by the Salatrillo wastewater system. The meters will show not only flow rates but also any inflow or infiltration problems coming from the cities of each city as well as River Authority facilities. This information will be used in rate determinations.

In FY 2014/15, sufficient rain events occurred to begin measuring inflow and infiltration. During FY 2015/16, the River Authority will work with the cities of Universal City, Live Oak and Converse to share the data generated by the meters and determine how the information should be used for rate setting in the future.

Salatrillo Wastewater Treatment Plant Expansion

The Salatrillo Wastewater Treatment Plant (WWTP) Expansion project will include an upgrade of the existing facility to accommodate future growth in the Salatrillo Wastewater Treatment Plant service area. In 2007, plant flow exceeded the TCEQ threshold of 75 percent for initiating the plant expansion design process. Recent surges in growth rates have been evaluated to determine the sizing of the design. Preparation of the permit amendment and conceptual design of the expansion were completed in FY 2009/10. In 2011, the River Authority submitted a Sanitary Sewer Overflow Initiative plan to the Texas Commission on Environmental Quality to address inflow and infiltration issues in the wastewater collection system. The 1.5 million gallons per day expansion is currently projected to come on line in FY 2019/20.

No expenditures are anticipated in this project in FY 2015/16.

Screw Pump Replacement

An existing screw pump at the Salatrillo Wastewater Treatment Plant failed in FY 2014/15. To address this issue, this project involves removal of the 54-inch existing failed screw pump and addition of a new 54-inch screw pump which will involve structural, electrical and instrumentation and control modifications. This was an emergency project that required an immediate start due to one existing pump that failed. This project is anticipated to be completed by June 2015.

Salatrillo Beltpress Replacement

The Ashbrook 2 meter Salatrillo beltpress was 20 years old and began causing problems with sludge disposal due to frequency of the need to make repairs. The beltpress was replaced and up-sized with a new 2.5 meter press and a new polymer mixing unit. Upgrades to the plant water system were also included in this project. This project was completed in FY 2013/14.

Salatrillo Wholesale Collection System - Inflow and Infiltration

The River Authority has an on-going commitment to improve inflow and infiltration (I&I) into the various collection systems owned and operated by the River Authority. This includes the Salatrillo wastewater system. Reducing I&I, which is water that enters into the collection system through leak in the pipes and manholes, reduces flow into the treatment plants. The flow into the plant determines when additional plant capacity is required. Therefore, investment in reducing I&I postpones plant expansion – a more expensive investment than improving the collection system to reduce I&I.

The Inflow and Infiltration Management project repairs defective manholes and defective lines in the system according to a 1 to 5 rating system, with 5 being the worst condition. Repairs throughout the system are occurring over a ten year period.

In FY 2015/16, approximately \$271,000 is expected to be expended on this project, addressing 1,100 linear feet of pipe and 18 manholes.

Salatrillo Retail Construction and Improvements Fund
Fiscal Year Ending June 30, 2016

Fund: 92

	Budgeted Project Revenue/ Expenditures	Activity to Date As of 06/30/2014	Activity in FY 2014/15	Budgeted Remaining Available Funds
APPROPRIATIONS				

Available Funds

Transfers	\$ 306,644	\$ 252,523	\$ 54,121	\$ -
TOTAL AVAILABLE FUNDS	\$ 306,644	\$ 252,523	\$ 54,121	\$ -

APPROPRIATIONS

Projects

Salatrillo Retail - Inflow and Infiltration	\$ 306,644	\$ 252,523	\$ 54,121	\$ -
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Total Project Expenditures	306,644	252,523	54,121	-
TOTAL APPROPRIATIONS	\$ 306,644	\$ 252,523	\$ 54,121	\$ -

Salatrillo Retail Construction and Improvements Fund

Fund 92

Description

The San Antonio River Authority provides retail wastewater services to parts of the City of San Antonio and Bexar County through the Salatrillo Retail Wastewater System. The Salatrillo retail wastewater collection system provides service to customers not located in the city limits of Live Oak, Converse, and Universal City. The Salatrillo Retail Construction and Improvements Fund accounts for infrastructure improvements to the Salatrillo retail collection system.

This fund is being closed in FY 2015/16. Inflow and infiltration activities will continue for this collection system; costs will be budgeted and expensed in the Salatrillo Construction and Improvements Fund beginning in FY 2015/16.

The following describes the project funded in this fund.

Projects

Salatrillo Retail Inflow and Infiltration

The River Authority has an on-going commitment to improve inflow and infiltration (I&I) into the various collection systems owned and operated by the River Authority. This includes the Salatrillo retail wastewater system. Reducing I&I, which is water that enters into the collection system through leak in the pipes and manholes, reduces flow into the treatment plants. The flow into the plant determines when additional plant capacity is required. Therefore, investment in reducing I&I postpones plant expansion – a more expensive investment than improving the collection system to reduce I&I.

The Inflow and Infiltration Management project repairs defective manholes and defective lines in the system according to a 1 to 5 rating system, with 5 being the worst condition. Repairs throughout the system are occurring over a ten year period.

Salatrillo Reuse Construction and Improvements Fund
Fiscal Year Ending June 30, 2016

Fund: 86

	Budgeted Project Revenue/ Expenditures	Activity to Date As of 06/30/2014	Activity in FY 2014/15	Budgeted Remaining Available Funds
APPROPRIATIONS				

Available Funds

Intergovernmental Revenue	\$ 381,324		\$ 381,324	\$ -
Proceeds from Debt Issuance	3,401,370	3,401,370	-	-
Transfers	448,219	448,219	-	-
TOTAL AVAILABLE FUNDS	\$ 4,230,913	\$ 3,849,589	\$ 381,324	\$ -

APPROPRIATIONS

Projects

Salatrillo Reuse	\$ 3,401,370	\$ 3,401,370	\$ -	\$ -
Debt Service	586,941	205,617	381,324	-

Total Project Expenditures	3,988,311	3,606,987	381,324	-
Transfers	242,602	-	-	242,602
TOTAL APPROPRIATIONS	\$ 4,230,913	\$ 3,606,987	\$ 381,324	\$ 242,602

Salatrillo Reuse Construction and Improvements Fund

Fund 86

Description

The Salatrillo Reuse system provides reuse water and delivery services to Universal City as well as Alamo Community Colleges – Northeast Lakeview campus. These services are provided through contractual agreements. The reuse water is obtained from the Salatrillo Wastewater Treatment System. The areas served are located in Bexar County. The River Authority issued debt and managed the construction of the reuse system on behalf of Universal City and Alamo Community Colleges. These entities pay the debt service associated with the construction costs. The Salatrillo Reuse Construction and Improvements Fund accounted for the construction costs and debt service for these projects. Beginning in FY 2015/16, the debt service will be paid through the Debt Service Fund.

This fund is being closed in FY 2015/16. The remaining funds are being transferred to the Salatrillo Construction and Improvements Fund.

Projects

Salatrillo Reuse

The Salatrillo Reuse Project provides reuse water in eastern Bexar County from the Salatrillo Wastewater Treatment Plant to Universal City and Alamo Community College District's Northeast Lakeview campus. It provides 222 acre feet of reclaimed water at a lower cost, while removing this demand from the Edwards Aquifer. It is designed to allow for expansion for future reuse water demands. The River Authority provided the initial funding through a debt issuance as well as the project management for the project. The project is complete and providing reuse water to the two entities.

**San Antonio River Authority Wastewater Systems
Construction and Improvements Fund
Fiscal Year Ending June 30, 2016**

Fund: 80

	Budgeted Project Revenue/ Expenditures	Activity to Date As of 06/30/2014	Activity in FY 2014/15	Budgeted Remaining Available Funds
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Available Funds

Other Contributions	\$ 967	\$ 967	\$ -	\$ -
Transfers	9,509,043	3,481,888	1,798,413	\$ 4,228,742
Investment Income	17,623	10,449	7,174	\$ -
Impact Fees	985,011	110,960	-	\$ 874,051
TOTAL AVAILABLE FUNDS	\$ 10,512,644	\$ 3,604,264	\$ 1,805,587	\$ 5,102,793

APPROPRIATIONS

Projects

Rehab Upper Martinez Clarifier	\$ 1,118,500	\$ 16,830	\$ 69,089	\$ 1,032,581
Upper Martinez Wastewater Treatment Plant	1,257,640	1,257,640	-	-
SCADA System	568,760	224,064	140,882	203,814
SARA Wastewater Collection System - Inflow and Infiltration	1,969,206	915,015	454,191	600,000
Debt Service	2,332,140	1,190,715	1,141,425	-

Total Project Expenditures	\$ 7,246,246	\$ 3,604,264	\$ 1,805,587	\$ 1,836,395
Transfers	1,381,395	-	-	1,381,395
Impact Fee Reserve	874,051	-	-	874,051
Reserve for Projects	1,010,952	-	-	1,010,952
TOTAL APPROPRIATIONS	\$ 10,512,644	\$ 3,604,264	\$ 1,805,587	\$ 5,102,793

San Antonio River Authority Wastewater System – Construction and Improvements Fund

Fund 80

Description

The San Antonio River Authority (River Authority) Wastewater system has several plants as well as a transportation system, all of which is operated and maintained by Utility Department staff. The plants include: the Upper Martinez Wastewater System, the Martinez II Wastewater System, the Martinez III Wastewater System, Graytown Road, Woodlake Reuse, and the Highway 181 Wastewater System. These systems primarily serve residents and the business community located within portions of eastern/northeast Bexar County.

The San Antonio River Authority Wastewater System – Construction and Improvements Fund is used to budget and manage all expenditures related to infrastructure improvements to the wastewater treatment systems' plants and collection system.

The following describes the projects currently active in this system and fund.

Projects

Rehabilitation of Upper Martinez Wastewater Treatment Plant Clarifier

One of the clarifiers at Upper Martinez WWTP was in need of replacement due to its age. This project evaluates treatment technologies, selects an appropriate engineered solution, designs modifications for project integration, procures new equipment, directs and manages the construction at the plant site and finally provides training for San Antonio River Authority staff to efficiently operate the equipment.

The clarifier rehabilitation project contract end date is February 2016. An evaluation was performed on four different types of filters to use as tertiary treatment for the reuse system which was part of the original clarifier analysis. Some improvements were made to the new clarifier mechanicals that will theoretically assist in improved water quality. The decision was made that filters will be delayed until the performance of the new equipment can be assessed and until a contract for reuse water is secured. Therefore, funding is carried forward into FY 2015/16 for this project.

Upper Martinez Wastewater Treatment Plant

The Upper Martinez wastewater treatment plant expansion project was completed in two phases where Phase I included the construction of a new diversion structure and replacement of existing screw pumps at the Upper Martinez wastewater treatment plant. Phase II improvements included the construction of all necessary equipment to expand the plant by 1.5 million gallons per day (MGD) to a total capacity of 3.5 MGD along with a new operations/laboratory field office. The two projects have been completed.

Supervisory Control and Data Acquisition System

The Supervisory Control and Data Acquisition (SCADA) program provides communications and controls for the River Authority wastewater and water systems from one central computer system and providing better control over these systems. Prior to implementation of this system, the River Authority did not have a centralized communication and security control application. This application helps to comply with homeland security within the region; it also provides a real time monitoring and control system to improve efficiency. Utilities will eventually share data through the SCADA system with Watershed and Park Operations, Watershed Management, and Environmental Sciences departments.

Once completed, the SCADA system will be installed at all River Authority wastewater treatment plants. In F Y 2014/15 and early F Y 2015/16, installation is being completed at the final four locations which include: the Foster Road lift station, Graytown lift station, Martinez III wastewater treatment plant and the Alamogordo Community College First Responder Academy wastewater treatment plant. These installations effectively complete the SCADA program for existing facilities.

SARA Wastewater Collection System - Inflow and Infiltration

The River Authority has an on-going commitment to improve inflow and infiltration (I&I) into the various collection systems owned and operated by the River Authority. This includes the San Antonio River Authority wastewater system. Reducing I&I, which is water that enters into the collection system through leak in the pipes and manholes, reduces flow into the treatment plants. The flow into the plant determines when additional plant capacity is required. Therefore, investment in reducing I&I postpones plant expansion – a more expensive investment than improving the collection system to reduce I&I.

The Inflow and Infiltration Management project repairs defective manholes and defective lines in the system according to a 1 to 5 rating system, with 5 being the worst condition. Repairs throughout the system are occurring on a year period.

In FY 2015/16, approximately \$250,000 is expected to be expended on this project, addressing 900 linear feet of pipe and 15 manholes.



Other Funds

Westside Creeks
Elmendorf Lake Park,
Bexar County

Debt Service Fund
Fiscal Year Ending June 30, 2016

Fund: 02

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Unrestricted Reserve	\$ 2,860,854	\$ 2,342,772	\$ 1,605,574
Debt Service Reserve - Channel Improvements	1,878,003	1,878,003	1,874,814
Debt Service Reserve - Revenue Bonds		-	1,381,395
Total Beginning Balance	\$ 4,738,857	\$ 4,220,775	\$ 4,861,783
Revenue			
Investment Earnings	\$ 33,020	\$ -	\$ 15,214
Intergovernmental Revenue	-	-	3,435,001
Transfers - Flood Control Tax	3,640,000	2,772,699	13,623
Transfers - General Fund	-	-	465,198
Transfers - Utility Funds	-	-	1,167,375
Debt Proceeds	5,165,000	-	-
Total Revenue	\$ 8,838,020	\$ 2,772,699	\$ 5,096,411
TOTAL AVAILABLE FUNDS	\$ 13,576,877	\$ 6,993,474	\$ 9,958,194

APPROPRIATIONS

Debt Service - Channel Improvement Bonds	\$ 4,246,010	\$ 3,044,699	\$ 2,979,581
Debt Service - Revenue Bonds	-	-	1,167,375
Debt Service - Contract Revenue	-	-	457,420
Debt Service - Texas Water Dev Board	-	465,198	465,198
Payments to Escrow Agent	5,086,001	-	-
Transfers	24,091	-	-

TOTAL OPERATING APPROPRIATIONS	\$ 9,356,102	\$ 3,509,897	\$ 5,069,574
Unrestricted Reserve	\$ 2,342,772	\$ 1,605,574	\$ 1,405,411
Debt Service Reserve - Contract Bonds	\$ -	\$ -	\$ 227,000
Debt Service Reserve - Channel Improvements	\$ 1,878,003	\$ 1,878,003	\$ 1,874,814
Debt Service Reserve - Revenue Bonds	\$ -	\$ -	\$ 1,381,395
TOTAL APPROPRIATIONS	\$ 13,576,877	\$ 6,993,474	\$ 9,958,194

Debt Services Fund

Fund 02

Description

The San Antonio River Authority issues debt to fund needed capital improvement projects including flood control structures and wastewater treatment plant and collection system improvements. In addition, the San Antonio River Authority Public Facilities Corporation issued debt for the construction of a maintenance facility for the Watershed and Parks Operations staff. The River Authority has also issued debt on behalf of partner agencies to fund improvements to their wastewater and reuse systems that benefit the San Antonio watershed. The debt previously issued for flood control is supported entirely by the Bexar County flood control tax.

The amounts budgeted in this fund reflect the principal and interest payments for outstanding debt. The tables below provide information on the purpose and use of the debt, the issuance date and the amount of debt. The second set of tables shows the River Authority's total principal and interest payments for the life of the existing outstanding debt by issuance. The River Authority does not expect to issue and new debt in FY 2015/16,

<i>Appropriations:</i>	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Debt Service – Channel Improv Bonds	\$4,246,010	\$3,044,699	\$2,979,581
Debt Service – Revenue Bonds	-	-	1,167,375
Debt Service – Contract Revenue	-	-	457,420
Debt Service – TX Water Dev Board	-	465,198	465,198
Payments to Escrow Agents	5,086,001	-	-
Transfers 24,091	-	-	-
<i>Total Appropriations</i>	<i>\$9,356,102</i>	<i>\$3,509,897</i>	<i>\$5,069,574</i>

Program Justification and Fiscal Analysis

The FY 2015/16 Budget for the DebtService fund includes the full principal and interest payments on all outstanding debt. The overall debt service in this fund increases significantly because the debt supported by the wastewater utility is now budgeted in this fund; in prior years it was budgeted and expenses in the wastewater capital improvement funds. The River Authority's total debt service decreases slightly for FY 2015/16 in comparison to FY 2014/15 because of a refunding completed in 2014 that reduced the annual debt service requirement for the flood control bonds.

San Antonio River Authority Currently Outstanding Debt

Description	Original Issue Amount	Outstanding Principal	Interest Rate	Issue and Maturity Date	Purpose
<u>Channel Improvement Bonds</u>					
Channel Improvement Revenue Refunding Bonds - Series 2007	\$ 14,525,000	\$ 13,300,000	4.39%	June 14, 2007 to July 1, 2032	Refund outstanding Channel Improvement Revenue Bonds - Series 2000 and Series 2002
Channel Improvement Revenue Refunding Bonds - Series 2014	\$ 5,165,000	\$ 5,165,000	1.24%	February 14, 2014 to July 1, 2020	Refund outstanding Channel Improvement Revenue Bonds - Series 2002 and Refunding Bonds Series 2003A
Channel Improvement Revenue Refunding Bonds - Series 2015	\$ 8,265,000	\$ 8,265,000	1.90%	January 8, 2015 to June 30, 2028	Refund outstanding Channel Improvement Revenue Bonds - Series 2004
<u>Wastewater System Revenue Bonds</u>					
Wastewater System Revenue Bonds - Series 2010	\$ 9,785,000	\$ 8,795,000	4.79%	November 17, 2010 to January 1, 2031	Expanding the capacity of an existing wastewater treatment plant
Utility System Revenue Refunding Bonds - Series 2013	\$ 3,120,000	\$ 3,120,000	2.89%	September 15, 2013 to July 1, 2022	Refund outstanding Sewage System Revenue Refunding and Improvement Bonds, Series 2003
<u>Contract Revenue Bonds</u>					
Wastewater System Contract Revenue Bonds - Series 2010 - Alamo Community College District First Responders	\$ 981,960	\$ 875,000	4.56%	December 15, 2010 to June 30, 2031	Construction of a wastewater treatment plant for the Alamo Community College District's (ACCD) First Responders Wastewater Project
Wastewater System Contract Revenue Bonds - Series 2010 - Universal City Reuse Project	\$ 2,594,844	\$ 2,340,000	4.56%	December 15, 2010 to June 30, 2031	Construction of capital improvements to transport treated wastewater for Universal City
Wastewater System Contract Revenue Bonds - Series 2010 - Alamo Community College District Reuse Project	\$ 2,303,196	\$ 2,075,000	4.56%	December 15, 2010	Construction of capital improvements to transport treated wastewater - known as the ACCD Effluent Transportation Project
<u>Other Debt</u>					
Wastewater System Revenue Improvement Bonds - Series 2013A - Texas Water Development Board	\$ 4,300,000	\$ 3,880,000	1.10%	October 1, 2013	Grant/loan from the Texas Water Development Board for projects and studies
San Antonio River Authority Public Facility Corporation - Mission Reach Operations Center - Lease Revenue Bonds - Series 2014	\$ 3,100,000	\$ 2,957,000	2.10%	January 15, 2014	Construction of the Mission Reach Operations Center facility and other improvements thereon
Total	\$ 54,140,000	\$ 50,772,000			

**Wastewater System Revenue Improvement Bonds - Texas Water Development Board
Series 2013A**

Period Ending	Annual Principal Amount	Coupon Rate	Interest Amount	Debt Service	Annual Debt Service	Fiscal Year	Balance
7/1/2015			22,599	22,599			
1/1/2016	420,000		22,599	442,599			
6/30/2016					465,198	2015/16	4,186,407
7/1/2016			22,599	22,599			
1/1/2017	420,000	0.060%	22,599	442,599			
6/30/2017					465,198	2016/17	3,721,209
7/1/2017			22,473	22,473			
1/1/2018	420,000	0.520%	22,473	442,473			
6/30/2018					464,946	2017/18	3,256,012
7/1/2018			21,381	21,381			
1/1/2019	425,000	0.900%	21,381	446,381			
6/30/2019					467,762	2018/19	2,791,066
7/1/2019			19,468	19,468			
1/1/2020	425,000	1.240%	19,468	444,468			
6/30/2020					463,937	2019/20	2,323,305
7/1/2020			16,833	16,833			
1/1/2021	430,000	1.580%	16,833	446,833			
6/30/2021					463,667	2020/21	1,859,368
7/1/2021			13,436	13,436			
1/1/2022	440,000	1.820%	13,436	453,436			
6/30/2022					466,873	2021/22	1,395,702
7/1/2022			9,432	9,432			
01/01/2023	445,000	2.000%	9,432	454,432			
6/30/2023					463,865	2022/23	928,829
07/01/2023			4,982	4,982			
1/1/2024	455,000	2.190%	4,982	459,982			
6/30/2024					464,965	2022/23	464,965
TOTALS	<u><u>3,880,000</u></u>		<u><u>6,407</u></u>	<u><u>4,186,407</u></u>	<u><u>4,186,407</u></u>		

**Lease Revenue Bonds
Series 2014**

Period Ending	Annual Principal Amount	Coupon Rate	Interest Amount	Debt Service	Annual Debt Service	Fiscal Year	Balance
10/1/2015	121,000	0.760%	30,849	151,849			
4/1/2016			30,389	30,389			
6/30/2016					182,238	2015/16	3,626,527
10/1/2016	122,000	0.990%	30,389	152,389			
4/1/2017			29,785	29,785			
6/30/2016					182,174	2016/17	3,444,289
10/1/2017	123,000	1.280%	29,785	152,785			
4/1/2018			28,998	28,998			
6/30/2018					181,783	2017/18	3,262,115
10/1/2018	125,000	1.730%	28,998	153,998			
4/1/2019			27,917	27,917			
6/30/2019					181,915	2018/19	3,080,332
10/1/2019	127,000	2.280%	27,917	154,917			
4/1/2020			26,469	26,469			
6/30/2020					181,386	2019/20	2,898,417
10/1/2020	130,000	2.770%	26,469	156,469			
4/1/2021			24,668	24,668			
6/30/2021					181,137	2020/21	2,717,032
10/1/2021	133,000	3.170%	24,668	157,668			
4/1/2022			22,560	22,560			
6/30/2022					180,229	2021/22	2,535,894
10/1/2022	138,000	34.900%	22,560	160,560			
4/1/2023			20,152	20,152			
6/30/2023					180,713	2022/23	2,355,666
10/1/2023	142,000	3.720%	20,152	162,152			
4/1/2024			17,511	17,511			
6/30/2024					179,663	2023/24	2,174,953
10/1/2024	148,000	1.950%	17,511	165,511			
4/1/2025			16,068	16,068			
6/30/2025					181,579	2024/25	1,995,290
10/1/2025	151,000	1.950%	16,068	167,068			
4/1/2026			14,596	14,596			
6/30/2026					181,664	2025/26	1,813,711
10/1/2026	154,000	1.950%	14,596	168,596			
4/1/2027			13,094	13,094			
6/30/2027					181,690	2026/27	1,632,047
10/1/2027	157,000	1.950%	13,094	170,094			
4/1/2028			11,564	11,564			
6/30/2028					181,658	2027/28	1,450,357
10/1/2028	160,000	1.950%	11,564	171,564			
4/1/2029			10,004	10,004			
6/30/2029					181,567	2028/29	1,268,700
10/1/2029	163,000	1.950%	10,004	173,004			
4/1/2030	-		8,414	8,414			
6/30/2030					181,418	2029/30	1,087,133
10/1/2030	166,000	1.950%	8,414	174,414			
4/1/2031			6,796	6,796			
6/30/2031					181,210	2030/31	905,715
10/1/2031	169,000	1.950%	6,796	175,796			
4/1/2032			5,148	5,148			
6/30/2032					180,944	2031/32	724,505
10/1/2032	173,000	1.950%	5,148	178,148			
4/1/2033			3,461	3,461			
6/30/2033					181,609	2032/33	543,561
10/1/2033	176,000	1.950%	3,461	179,461			
4/1/2034			1,745	1,745			
6/30/2034					181,207	2033/34	361,952
10/1/2034	179,000	1.950%	1,745	180,745			
6/30/2035					180,745	3034/35	180,745
TOTALS	<u>509,500</u>			<u>3,626,527</u>	<u>3,626,527</u>		

**Channel Improvement Bonds
Total**

Payment Date	Annual Principal Amount	Interest Amount	Total	Fiscal Year Amount	Fiscal Year	Balance
7/1/2015	2,215,000	389,167	2,604,167			
1/1/2016	-	371,413	371,413	2,975,581	2015/16	25,875,000
7/1/2016	2,255,000	371,413	2,626,413			
1/1/2017	-	346,495	346,495	2,972,909	2016/17	23,660,000
7/1/2017	2,305,000	346,496	2,651,496			
1/1/2018	-	320,910	320,910	2,972,406	2017/18	21,405,000
7/1/2018	2,360,000	320,910	2,680,910			
1/1/2019	-	294,483	294,483	2,975,393	2018/19	19,100,000
7/1/2019	2,415,000	294,483	2,709,483			
1/1/2020	-	267,288	267,288	2,976,772	2019/20	16,740,000
7/1/2020	2,470,000	267,288	2,737,288			
1/1/2021	-	238,061	238,061	2,975,349	2020/21	14,325,000
7/1/2021	1,195,000	238,061	1,433,061			
1/1/2022	-	219,088	219,088	1,652,148	2021/22	11,855,000
7/1/2022	930,000	219,088	1,149,088			
1/1/2023	-	201,910	201,910	1,350,998	2022/23	10,660,000
7/1/2023	975,000	201,910	1,176,910			
1/1/2024	-	183,366	183,366	1,360,276	2023/24	9,730,000
7/1/2024	1,005,000	183,366	1,188,366			
1/1/2025	-	164,166	164,166	1,352,533	2024/25	8,755,000
7/1/2025	1,045,000	164,166	1,209,166			
1/1/2026	-	144,153	144,153	1,353,319	2025/26	7,750,000
7/1/2026	1,090,000	144,153	1,234,153			
1/1/2027	-	123,218	123,218	1,357,371	2026/27	6,705,000
7/1/2027	1,140,000	123,218	1,263,218			
1/1/2028	-	100,688	100,688	1,363,905	2027/28	5,615,000
7/1/2028	940,000	100,688	1,040,688			
1/1/2029	-	79,538	79,538	1,120,225	2028/29	4,475,000
7/1/2029	985,000	79,538	1,064,538			
1/1/2030	-	57,375	57,375	1,121,913	2029/30	3,535,000
7/1/2030	1,035,000	57,375	1,092,375			
1/1/2031	-	34,088	34,088	1,126,463	2030/31	2,550,000
7/1/2031	1,090,000	34,088	1,124,088			
1/1/2032	-	9,563	9,563	1,133,650	2031/32	1,515,000
7/1/2032	425,000	9,563	434,563			
1/1/2033	-	-	-	434,563	2033/34	425,000
7/1/2033	-	-	-			
TOTALS	<u>25,705,000</u>	<u>32,577,000</u>	<u>58,282,000</u>	<u>32,575,770</u>		

**Channel Improvement Refunding Revenue Bonds
Series 2007**

Payment Date	Annual Principal Amount	Coupon Rate	Interest Amount	Total	Fiscal Year Amount	Fiscal Year	Balance
7/1/2015	340,000	4.000%	287,981	627,981			
1/1/2016			281,181	281,181	909,163	2015/16	13,300,000
7/1/2016	545,000	4.000%	281,181	826,181			
1/1/2017			270,281	270,281	1,096,463	2016/17	12,960,000
7/1/2017	565,000	4.000%	270,281	835,281			
1/1/2018			258,981	258,981	1,094,263	2017/18	12,415,000
7/1/2018	600,000	4.000%	258,981	858,981			
1/1/2019			246,981	246,981	1,105,963	2018/19	11,850,000
7/1/2019	625,000	4.000%	246,981	871,981			
1/1/2020			234,481	234,481	1,106,463	2019/20	11,250,000
7/1/2020	655,000	4.375%	234,481	889,481			
1/1/2021			220,153	220,153	1,109,634	2020/21	10,625,000
7/1/2021	685,000	4.125%	220,153	905,153			
1/1/2022			206,025	206,025	1,111,178	2021/22	9,970,000
7/1/2022	710,000	4.250%	206,025	916,025			
1/1/2023			190,938	190,938	1,106,963	2022/23	9,285,000
7/1/2023	750,000	4.375%	190,938	940,938			
1/1/2024			174,531	174,531	1,115,469	2023/24	8,575,000
7/1/2024	780,000	4.375%	174,531	954,531			
1/1/2025			157,469	157,469	1,112,000	2024/25	7,825,000
7/1/2025	815,000	4.375%	157,469	972,469			
1/1/2026			139,641	139,641	1,112,109	2025/26	7,045,000
7/1/2026	855,000	4.375%	139,641	994,641			
1/1/2027			120,938	120,938	1,115,578	2026/27	6,230,000
7/1/2027	900,000	4.500%	120,938	1,020,938			
1/1/2028			100,688	100,688	1,121,625	2027/28	5,375,000
7/1/2028	940,000	4.500%	100,688	1,040,688			
1/1/2029			79,538	79,538	1,120,225	2028/29	4,475,000
7/1/2029	985,000	4.500%	79,538	1,064,538			
1/1/2030			57,375	57,375	1,121,913	2029/30	3,535,000
7/1/2030	1,035,000	4.500%	57,375	1,092,375			
1/1/2031			34,088	34,088	1,126,463	2030/31	2,550,000
7/1/2031	1,090,000	4.500%	34,088	1,124,088			
1/1/2032			9,563	9,563	1,133,650	2031/32	1,515,000
7/1/2032	425,000	4.500%	9,563	434,563			
1/1/2033			-	-	434,563	2032/33	425,000
TOTALS	<u>5,350,000 5,350,000</u>		<u>1 1</u>	<u>19,153,681</u>	<u>19,153,681</u>		

**Channel Improvement Refunding Revenue Bonds
Series 2014**

Period Ending	Annual Principal Amount	Coupon Rate	Interest Amount	Debt Service	Annual Debt Service	Fiscal Year	Balance
7/1/2014	855,000	1.240%	16,723	871,723.1			
1/1/2015			26,722	26,722	898,445	2014/15	Paid
7/1/2015	850,000	1.240%	26,722	876,722			
1/1/2016			21,452	21,452	898,174	2015/16	4,466,550
7/1/2016	675,000	1.240%	21,452	696,452			
1/1/2017			17,267	17,267	713,719	2016/17	3,568,376
7/1/2017	680,000	1.240%	17,267	697,267			
1/1/2018			13,051	13,051	710,318	2017/18	2,854,657
7/1/2018	695,000	1.240%	13,051	708,051			
1/1/2019			8,742	8,742	716,793	2018/19	2,144,339
7/1/2019	700,000	1.240%	8,742	708,742			
1/1/2020			4,402	4,402	713,144	2019/20	1,427,546
7/1/2020	710,000	1.240%	4,402	714,402			
1/1/2021					714,402	2020/21	714,402
TOTALS	<u>5,965,000</u>		<u>9,995</u>	<u>5,364,995</u>	<u>5,364,995</u>		

**Channel Improvement Refunding Revenue Bonds
Series 2015**

Period Ending	Annual Principal Amount	Coupon Rate	Interest Amount	Debt Service	Annual Debt Service	Fiscal Year	Balance
7/1/2015	1,025,000	1.900%	74,464	1,100,464			
1/1/2016			68,780	68,780	1,169,244	2015/16	8,956,539
7/1/2016	1,035,000	1.900%	68,780	1,103,780			
1/1/2017			58,947	58,947	1,162,727	2016/17	7,787,295
7/1/2017	1,060,000	1.900%	58,948	1,118,948			
1/1/2018			48,878	48,878	1,167,825	2017/18	6,624,568
7/1/2018	1,065,000	1.900%	48,878	1,113,878			
1/1/2019			38,760	38,760	1,152,638	2018/19	5,456,743
7/1/2019	1,090,000	1.900%	38,760	1,128,760			
1/1/2020			28,405	28,405	1,157,165	2019/20	4,304,105
7/1/2020	1,105,000	1.900%	28,405	1,133,405			
1/1/2021			17,908	17,908	1,151,313	2020/21	3,146,940
7/1/2021	510,000	1.900%	17,908	527,908			
1/1/2022			13,063	13,063	540,970	2019/21	1,995,628
7/1/2022	220,000	1.900%	13,063	233,063			
1/1/2023			10,973	10,973	244,035	2020/22	1,454,658
7/1/2023	225,000	1.900%	10,973	235,973			
1/1/2024			8,835	8,835	244,808	2019/22	1,210,623
7/1/2024	225,000	1.900%	8,835	233,835			
1/1/2025			6,698	6,698	240,533	2020/23	965,815
7/1/2025	230,000	1.900%	6,698	236,698			
1/1/2026			4,513	4,513	241,210	2019/23	725,283
7/1/2026	235,000	1.900%	4,513	239,513			
1/1/2027			2,280	2,280	241,793	2020/24	484,073
7/1/2027	240,000	1.900%	2,280	242,280			
1/1/2028					242,280		242,280
TOTALS	<u>8,265,000</u>			<u>8,956,539</u>	<u>8,956,539</u>		

**Wastewater System Revenue Bonds
Total**

Payment Date	Annual Principal Amount	Interest Amount	Total	Fiscal Year Amount	Fiscal Year	Balance
7/1/2015	320,000	239,288	559,288			
1/1/2016	370,000	236,088	606,088	1,165,375	2015/16	11,260,000
7/1/2016	325,000	228,688	553,688			
1/1/2017	385,000	225,438	610,438	1,164,125	2016/17	10,570,000
7/1/2017	335,000	217,738	552,738			
1/1/2018	400,000	212,713	612,713	1,165,450	2017/18	9,860,000
7/1/2018	345,000	203,713	548,713			
1/1/2019	420,000	198,538	618,538	1,167,250	2018/19	9,125,000
7/1/2019	355,000	188,038	543,038			
1/1/2020	440,000	182,713	622,713	1,165,750	2019/20	8,360,000
7/1/2020	365,000	171,713	536,713			
1/1/2021	460,000	166,238	626,238	1,162,950	2020/21	7,565,000
7/1/2021	380,000	156,463	536,463			
1/1/2022	480,000	150,763	630,763	1,167,225	2021/22	6,740,000
7/1/2022	395,000	140,863	535,863			
1/1/2023	500,000	134,938	634,938	1,170,800	2022/23	5,880,000
7/1/2023	-	124,625	124,625			
1/1/2024	520,000	124,625	644,625	769,250	2020/22	4,985,000
7/1/2024	-	111,625	111,625			
1/1/2025	550,000	111,625	661,625	773,250	2021/23	4,465,000
7/1/2025	-	97,875	97,875			
1/1/2026	575,000	97,875	672,875	770,750	2022/24	3,915,000
7/1/2026	-	83,500	83,500			
1/1/2027	605,000	83,500	688,500	772,000	2020/23	3,340,000
7/1/2027	-	68,375	68,375			
1/1/2028	635,000	68,375	703,375	771,750	2021/24	2,735,000
7/1/2028	-	52,500	52,500			
1/1/2029	665,000	52,500	717,500	770,000	2022/25	2,100,000
7/1/2029	-	35,875	35,875			
1/1/2030	700,000	35,875	735,875	771,750	2020/24	1,435,000
7/1/2030	-	18,375	18,375			
1/1/2031	735,000	18,375	753,375	771,750	2021/25	735,000
TOTALS	<u>11,260,000</u>	<u>12,399,425</u>	<u>23,659,425</u>	<u>15,499,425</u>		

**Wastewater System Revenue Bonds
Series 2010**

Payment Date	Annual Principal Amount	Coupon Rate	Interest Amount	Total	Fiscal Year Amount	Fiscal Year	Balance
7/1/2015			200,213	200,213			
1/1/2016	370,000	4.000%	200,213	570,213	770,425	2015/16	8,440,000
7/1/2016			192,813	192,813			
1/1/2017	385,000	4.000%	192,813	577,813	770,625	2016/17	8,070,000
7/1/2017			185,113	185,113			
1/1/2018	400,000	4.500%	185,113	585,113	770,225	2017/18	7,685,000
7/1/2018			176,113	176,113			
1/1/2019	420,000	5.000%	176,113	596,113	772,225	2018/19	7,285,000
7/1/2019			165,613	165,613			
1/1/2020	440,000	5.000%	165,613	605,613	771,225	2019/20	6,865,000
7/1/2020			154,613	154,613			
1/1/2021	460,000	4.250%	154,613	614,613	769,225	2020/21	6,425,000
7/1/2021			144,838	144,838			
1/1/2022	480,000	4.125%	144,838	624,838	769,675	2021/22	5,965,000
7/1/2022			134,938	134,938			
1/1/2023	500,000	4.125%	134,938	634,938	769,875	2022/23	5,485,000
7/1/2023			124,625	124,625			
1/1/2024	520,000	5.000%	124,625	644,625	769,250	2020/22	4,985,000
7/1/2024			111,625	111,625			
1/1/2025	550,000	5.000%	111,625	661,625	773,250	2021/23	4,465,000
7/1/2025			97,875	97,875			
1/1/2026	575,000	5.000%	97,875	672,875	770,750	2022/24	3,915,000
7/1/2026			83,500	83,500			
1/1/2027	605,000	5.000%	83,500	688,500	772,000	2020/23	3,340,000
7/1/2027			68,375	68,375			
1/1/2028	635,000	5.000%	68,375	703,375	771,750	2021/24	2,735,000
7/1/2028			52,500	52,500			
1/1/2029	665,000	5.000%	52,500	717,500	770,000	2022/25	2,100,000
7/1/2029			35,875	35,875			
1/1/2030	700,000	5.000%	35,875	735,875	771,750	2020/24	1,435,000
7/1/2030			18,375	18,375			
1/1/2031	735,000	5.000%	18,375	753,375	771,750	2021/25	735,000
TOTALS	<u>8,400,000 8,400,000</u>		<u>,000</u>	<u>12,334,000</u>	<u>12,334,000</u>		

**Wastewater System Revenue Bonds
Series 2013**

Payment Date	Annual Principal Amount	Coupon Rate	Interest Amount	Debt Service	Annual Debt Service	Fiscal Year	Balance
7/1/2015	320,000	2.000%	39,075	359,075			
1/1/2016			35,875	35,875	394,950	2015/16	3,165,425
7/1/2016	325,000	2.000%	35,875	360,875			
1/1/2017			32,625	32,625	393,500	2016/17	2,770,475
7/1/2017	335,000	5.000%	32,625	367,625			
1/1/2018			27,600	27,600	395,225	2017/18	2,376,975
7/1/2018	345,000	3.000%	27,600	372,600			
1/1/2019			22,425	22,425	395,025	2018/19	1,981,750
7/1/2019	355,000	3.000%	22,425	377,425			
1/1/2020			17,100	17,100	394,525	2019/20	1,586,725
7/1/2020	365,000	3.000%	17,100	382,100			
1/1/2021			11,625	11,625	393,725	2020/21	1,192,200
7/1/2021	380,000	3.000%	11,625	391,625			
1/1/2022			5,925	5,925	397,550	2021/22	798,475
7/1/2022	395,000	3.000%	5,925	400,925	400,925	2022/23	400,925
TOTALS	<u>2,820,000</u>		<u>5,425</u>	<u>3,165,425</u>	<u>3,165,425</u>		

**Contract Revenue Bonds
Total**

Ending Date	Principal Amount	Coupon Rate	Interest Amount	Debt Service	Annual Debt Service	Fiscal Year	Balance
7/1/2015			115,710	115,710			
1/1/2016	225,000	4.560%	115,710	340,710			
6/30/2016					456,420	2015/16	7,251,260
7/1/2016			110,580	110,580			
1/1/2017	235,000	4.560%	110,580	345,580			
6/30/2017					456,160	2016/17	6,794,840
7/1/2017			105,222	105,222			
1/1/2018	245,000	4.560%	105,222	350,222			
6/30/2018					455,444	2017/18	6,338,680
7/1/2018			99,636	99,636			
1/1/2019	255,000	4.560%	99,636	354,636			
6/30/2019					454,272	2018/19	5,883,236
7/1/2019			93,822	93,822			
1/1/2020	270,000	4.560%	93,822	363,822			
6/30/2020					457,644	2019/20	5,428,964
7/1/2020			87,666	87,666			
1/1/2021	280,000	4.560%	87,666	367,666			
6/30/2021					455,332	2020/21	4,971,320
7/1/2021			81,282	81,282			
1/1/2022	295,000	4.560%	81,282	376,282			
6/30/2022					457,564	2021/22	4,515,988
7/1/2022			74,556	74,556			
1/1/2023	305,000	4.560%	74,556	379,556			
6/30/2023					454,112	2022/23	4,058,424
7/1/2023			67,602	67,602			
1/1/2024	320,000	4.560%	67,602	387,602			
6/30/2024					455,204	2023/24	3,604,312
7/1/2024			60,306	60,306			
1/1/2025	330,000	4.560%	60,306	390,306			
6/30/2025					450,612	2024/25	3,149,108
7/1/2025			52,782	52,782			
1/1/2026	340,000	4.560%	52,782	392,782			
6/30/2026					445,564	2025/26	2,698,496
7/1/2026			45,030	45,030			
1/1/2027	360,000	4.560%	45,030	405,030			
6/30/2027					450,060	2026/27	2,252,932
7/1/2027			36,822	36,822			
1/1/2028	380,000	4.560%	36,822	416,822			
6/30/2028					453,644	2027/28	1,802,872
7/1/2028			28,158	28,158			
1/1/2029	395,000	4.560%	28,158	423,158			
6/30/2029					451,316	2028/29	1,349,228
7/1/2029			19,152	19,152			
1/1/2030	410,000	4.560%	19,152	429,152			
6/30/2030					448,304	2029/30	897,912
7/1/2030			9,804	9,804			
1/1/2031	430,000	4.560%	9,804	439,804			
6/30/2031	-		-	-	449,608	2030/31	449,608
TOTALS	<u>5,075,000</u>		<u>6,260</u>	<u>7,251,260</u>	<u>7,251,260</u>		

**Contract Revenue Bonds –Alamo Community College District First Responders
Series 2010**

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service	Fiscal Year	Balance
7/1/2015			19,152	19,152			
1/1/2016	35,000	4.560%	19,152	54,152			
6/30/2016					73,304.00	2015/16	1,201,836
7/1/2016			18,354	18,354			
1/1/2017	40,000	4.560%	18,354	58,354			
6/30/2017					76,708.00	2016/17	1,128,532
7/1/2017			17,442	17,442			
1/1/2018	40,000	4.560%	17,442	57,442			
6/30/2018					74,884.00	2017/18	1,051,824
7/1/2018			16,530	16,530			
1/1/2019	40,000	4.560%	16,530	56,530			
6/30/2019					73,060.00	2018/19	976,940
7/1/2019			15,618	15,618			
1/1/2020	45,000	4.560%	15,618	60,618			
6/30/2020					76,236.00	2019/20	903,880
7/1/2020			14,592	14,592			
1/1/2021	45,000	4.560%	14,592	59,592			
6/30/2021					74,184.00	2020/21	827,644
7/1/2021			13,566	13,566			
1/1/2022	50,000	4.560%	13,566	63,566			
6/30/2022					77,132.00	2021/22	753,460
7/1/2022			12,426	12,426			
0101/2023	50,000	4.560%	12,426	62,426			
6/30/2023					74,852.00	2022/23	676,328
0701/2023			11,286	11,286			
1/1/2024	55,000	4.560%	11,286	66,286			
6/30/2024					77,572.00	2023/24	601,476
7/1/2024			10,032	10,032			
1/1/2025	55,000	4.560%	10,032	65,032			
6/30/2025					75,064.00	2024/25	523,904
7/1/2025			8,778	8,778			
1/1/2006	55,000	4.560%	8,778	63,778			
6/30/2026					72,556.00	2025/26	448,840
7/1/2026			7,524	7,524			
1/1/2027	60,000	4.560%	7,524	67,524			
6/30/2027					75,048.00	2026/27	376,284
7/1/2027			6,156	6,156			
0101/2028	65,000	4.560%	6,156	71,156			
6/30/2028					77,312.00	2027/28	301,236
7/1/2028			4,674	4,674			
1/1/2029	65,000	4.560%	4,674	69,674			
6/30/2029					74,348.00	2028/29	223,924
7/1/2029			3,192	3,192			
1/1/2030	70,000	4.560%	3,192	73,192			
6/30/2030					76,384.00	2029/30	149,576
7/1/2030			1,596	1,596			
1/1/2031	70,000	4.560%	1,596	71,596			
6/30/2031					73,192.00	2030/31	73,192
TOTALS	<u>841,000</u>		<u>836</u>	<u>1,201,836</u>	<u>1,201,836</u>		

**Contract Revenue Bonds – Universal City Reuse Project
Series 2010**

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service	Fiscal Year	Balance
7/1/2015			51,186	51,186			
1/1/2016	100,000	4.560%	51,186	151,186			
6/30/2016					202,372	2015/16	3,205,108
7/1/2016			48,906	48,906			
1/1/2017	105,000	4.560%	48,906	153,906			
6/30/2017					202,812	2016/17	3,002,736
7/1/2017			46,512	46,512			
1/1/2018	110,000	4.560%	46,512	156,512			
6/30/2018					203,024	2017/18	2,799,924
7/1/2018			44,004	44,004			
1/1/2019	115,000	4.560%	44,004	159,004			
6/30/2019					203,008	2018/19	2,596,900
7/1/2019			41,382	41,382			
1/1/2020	120,000	4.560%	41,382	161,382			
6/30/2020					202,764	2019/20	2,393,892
7/1/2020			38,646	38,646			
1/1/2021	125,000	4.560%	38,646	163,646			
6/30/2021					202,292	2020/21	2,191,128
7/1/2021			35,796	35,796			
1/1/2022	130,000	4.560%	35,796	165,796			
6/30/2022					201,592	2021/22	1,988,836
7/1/2022			32,832	32,832			
0101/2023	135,000	4.560%	32,832	167,832			
6/30/2023					200,664	2022/23	1,787,244
07/01/2023			29,754	29,754			
1/1/2024	140,000	4.560%	29,754	169,754			
6/30/2024					199,508	2023/24	1,586,580
7/1/2024			26,562	26,562			
1/1/2025	145,000	4.560%	26,562	171,562			
6/30/2025					198,124	2024/25	1,387,072
7/1/2025			23,256	23,256			
1/1/2006	150,000	4.560%	23,256	173,256			
6/30/2026					196,512	2025/26	1,188,948
7/1/2026			19,836	19,836			
1/1/2027	160,000	4.560%	19,836	179,836			
6/30/2027					199,672	2026/27	992,436
7/1/2027			16,188	16,188			
0101/2028	165,000	4.560%	16,188	181,188			
6/30/2028					197,376	2027/28	792,764
7/1/2028			12,426	12,426			
1/1/2029	175,000	4.560%	12,426	187,426			
6/30/2029					199,852	2028/29	595,388
7/1/2029			8,436	8,436			
1/1/2030	180,000	4.560%	8,436	188,436			
6/30/2030					196,872	2029/30	395,536
7/1/2030			4,332	4,332			
1/1/2031	190,000	4.560%	4,332	194,332			
6/30/2031					198,664	2030/31	198,664
TOTALS	<u>2,045,000</u>		<u>,108</u>	<u>3,205,108</u>	<u>3,205,108</u>		

**Contract Revenue Bonds – Alamo Community College District Reuse Project
Series 2010**

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service	Fiscal Year	Balance
7/1/2015			45,372	45,372			
1/1/2016	90,000	4.560%	45,372	135,372			
6/30/2016					180,744	2015/16	2,844,316
7/1/2016			43,320	43,320			
1/1/2017	90,000	4.560%	43,320	133,320			
6/30/2017					176,640	2016/17	2,663,572
7/1/2017			41,268	41,268			
1/1/2018	95,000	4.560%	41,268	136,268			
6/30/2018					177,536	2017/18	2,486,932
7/1/2018			39,102	39,102			
1/1/2019	100,000	4.560%	39,102	139,102			
6/30/2019					178,204	2018/19	2,309,396
7/1/2019			36,822	36,822			
1/1/2020	105,000	4.560%	36,822	141,822			
6/30/2020					178,644	2019/20	2,131,192
7/1/2020			34,428	34,428			
1/1/2021	110,000	4.560%	34,428	144,428			
6/30/2021					178,856	2020/21	1,952,548
7/1/2021			31,920	31,920			
1/1/2022	115,000	4.560%	31,920	146,920			
6/30/2022					178,840	2021/22	1,773,692
7/1/2022			29,298	29,298			
01/01/2023	120,000	4.560%	29,298	149,298			
6/30/2023					178,596	2022/23	1,594,852
07/01/2023			26,562	26,562			
1/1/2024	125,000	4.560%	26,562	151,562			
6/30/2024					178,124	2023/24	1,416,256
7/1/2024			23,712	23,712			
1/1/2025	130,000	4.560%	23,712	153,712			
6/30/2025					177,424	2024/25	1,238,132
7/1/2025			20,748	20,748			
1/1/2006	135,000	4.560%	20,748	155,748			
6/30/2026					176,496	2025/26	1,060,708
7/1/2026			17,670	17,670			
1/1/2027	140,000	4.560%	17,670	157,670			
6/30/2027					175,340	2026/27	884,212
7/1/2027			14,478	14,478			
1/1/2028	150,000	4.560%	14,478	164,478			
6/30/2028					178,956	2027/28	708,872
7/1/2028			11,058	11,058			
1/1/2029	155,000	4.560%	11,058	166,058			
6/30/2029					177,116	2028/29	529,916
7/1/2029			7,524	7,524			
1/1/2030	160,000	4.560%	7,524	167,524			
6/30/2030					175,048	2029/30	352,800
7/1/2030			3,876	3,876			
1/1/2031	170,000	4.560%	3,876	173,876			
6/30/2031					177,752	2030/31	177,752
TOTALS	<u>890,000</u>		<u>316</u>	<u>2,844,316</u>	<u>2,844,316</u>		

Insurance Fund
Fiscal Year Ending June 30, 2016

Fund: 90

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
Beginning Balance			
Operating Reserve	\$ 1,577,131	\$ 1,454,844	\$ 868,271
Total Beginning Balance	\$ 1,577,131	\$ 1,454,844	\$ 868,271
Revenue			
Investment Earnings	\$ (837)	\$ 9,585	\$ 10,000
Miscellaneous	2	14,000	24,000
Premiums	2,324,298	2,398,870	2,417,654
Transfers	-	-	600,000
Total Revenue	\$ 2,323,463	\$ 2,422,455	\$ 3,051,654
TOTAL AVAILABLE FUNDS	\$ 3,900,594	\$ 3,877,299	\$ 3,919,925

APPROPRIATIONS

Operating Expenditures \$ 2,445,750 \$ 3,009,028 \$ 3,114,320

TOTAL OPERATING APPROPRIATIONS	\$ 2,445,750	\$ 3,009,028	\$ 3,114,320
Operating Reserve	\$ 1,454,844	\$ 868,271	\$ 805,605
TOTAL APPROPRIATIONS	\$ 3,900,594	\$ 3,877,299	\$ 3,919,925

Insurance Fund

Fund 90

Description

The San Antonio River Authority provides medical, dental, vision and other “cafeteria plan” benefits to its employees. The medical, dental and vision programs are managed through a self insurance program. This means that the River Authority pays a per employee per month premium from all funds that have employee salaries budgeted, including the General and utility funds into this Insurance Fund. Employees also pay premiums for insurance for their dependents. The Fund then uses that revenue to pay actual claims costs, administrative expenses and stop/loss insurance premiums. Stop/loss provides the River Authority with outside insurance for large claims. Once a claim reaches the stop/loss level, currently \$35,000, the River Authority’s Insurance Fund no longer pays the claim costs; the stop/loss insurer pays the additional claim costs. This has proven a cost-effective means for the River Authority to control medical insurance expenses.

The Insurance Fund also helps pay the cost of the River Authority’s wellness program which is designed to further promote employees’ health and well-being. The program has various components that encourage employees to monitor their health and to develop a more active lifestyle.

<i>Appropriations:</i>	<u>FY 2013/14</u> <u>Actual</u>	<u>FY 2014/15</u> <u>Estimate</u>	<u>FY 2015/16</u> <u>Budget</u>
Claims Costs	\$1,715,013	\$2,257,978	\$2,325,718
Administrative Costs	730,737	751,050	788,602
<i>Total Appropriations</i>	<i>\$2,445,750</i>	<i>\$3,009,028</i>	<i>\$3,114,320</i>

Program Justification and Fiscal Analysis

The FY 2015/16 Budget for the Insurance Fund pays all administrative, claims and stop/loss insurance costs as well as some costs associated with the River Authority’s wellness program. The FY 2015/16 Budget increases in comparison to the FY 2014/15 estimates as medical services costs are expected to increase because of inflation in the cost of these services. The FY 2015/16 Budget incorporates a net increase in claims costs of three percent. The medical service industry’s costs for services is expected to increase, on average eight percent. However, the River Authority will make some plan design changes in plan year 2016 that are expected to reduce the cost of claims to the fund by five percent. Administrative costs are expected to increase five percent; this increase is included in the FY 2015/16 Budget.

In FY 2014/15, the cost of claims for the River Authority increased significantly in comparison to FY 2013/14 actual amounts. This occurred for two reasons. A small portion is attributed to the general increase in medical services costs. The majority of the increase (\$570,000) is due to changes in the River Authority’s stop/loss insurance. For most individuals covered under the insurance, the River Authority must pay the first \$35,000 in claims; any amount in excess of this is paid by the insurance carrier. However, for 2015 the insurance carrier identified five individuals where the River Authority must pay about \$125,000 each before the insurance begins payment.

This added significantly to claims costs.

The financial stability of the Insurance Fund has been negatively impacted by the significant increase in claims costs. The River Authority is developing a three year strategy for addressing this cost increase that includes various components. This strategy has several objectives. First, maintaining the stability of the fund. Second, mitigating the potential future costs from provisions in the affordable care act. Third, recognizing the financial impact to employees and phasing this in over time.

To achieve these objectives, several initiatives may be implemented in FY 2015/16 and plan year 2016. A transfer of \$600,000 from the General Fund into the Insurance Fund is included in the FY 2015/16 Budget. This will help the fund recover from the \$570,000 in higher claims costs in FY 2014/15. This one-time transfer, rather than an increase in the premium the River Authority pays for each employee, helps keep the annual value of the plan to employees (defined by the monthly premium paid by the River Authority) under the cap set related to the "Cadillac tax." This is a tax in the Affordable Care Act for plans whose value exceeds \$10,200 by 2018. The tax is set by the Act at 40 percent of each dollar above the \$10,200 maximum. For the River Authority, this tax could be between \$80,000 and \$170,000 annually depending on the premiums levels when the tax becomes effective.

In addition, plan design changes will most likely occur each year for the next three years that could address deductibles, maximum out-of-pocket expenses and other cost sharing components of the plans. Lastly, given all of these considerations employee premiums may also see an increase in plan year 2016.



SAN ANTONIO

RIVER AUTHORITY

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Appendix

Budget Order
San Antonio River Authority Fiscal Year 2015/16 Budget
For the period July 1, 2015 through June 30, 2016

Approval of the Fiscal Year (FY) 2015/16 Budget

The Board of Directors of the San Antonio River Authority approves the FY 2015/16 Budget as submitted with the amendments included in the June 10, 2015 memorandum “Recommended Changes to the FY 2015/16 Budget” included here as Attachment 1.

Authorized Positions and Salaries

The positions listed in the FY 2015/16 Budget document under each department are the authorized positions for FY 2015/16. These lists include part time positions but not temporary positions. Temporary positions are approved during the year at the General Manager’s discretion and depend on available budgeted funds. Changes to the total number of authorized positions – additions or deletions – must be approved by the Board of Directors; however, changes to position titles, reclassifications, reassignments and regrades are approved by the General Manager.

All new positions in the FY 2015/16 Budget are authorized effective July 1, 2015 unless specifically stipulated otherwise.

General Fund, Utility Operating Funds, Special Revenue Funds, Debt Service Fund, and Insurance Fund (as listed in the designated sections of the FY 2015/16 Budget)

The FY 2015/16 Budget, as adopted by the Board of Directors, controls expenditures by Fund and fiscal year for the types of Funds listed above. Some Special Revenue Funds are exceptions and are controlled by project and project life, not fiscal year, and are described below. The Board of Directors must approve any budget adjustment that increases the total appropriation in a Fund for all Funds listed above, including those controlled by project and project life. The Board of Directors must also approve any transfer from any reserves (including operating and unrestricted) for all Funds as well as allocation of funds to a project not approved in the FY 2015/16 Budget.

The Board of Directors has granted limited flexibility to River Authority staff to move budget appropriations within Funds to respond to changing project implementation schedules and expenditure levels. Through this process, funds can be moved between *approved* projects, programs and activities to ensure that limited annual funding resources continue to efficiently and effectively advance the initiatives of the River Authority. Under this authority, the General Manager must approve any transfer of funds between departments and/or approved projects within a Fund. The Director of Support Services must approve transfers within a department budget and/or approved project that would move funds between the following categories.

- Personnel Expenditures
- Operating Expenditures
- Capital Expenditures
- Transfers
- Debt Service

Funds are allocated into individual line items in each department's budget and those budget line item allocations are part of the FY 2015/16 Budget. Departments have flexibility in expensing these funds within each of the five categories listed above. As long as the total appropriation for a category of expense (e.g. personnel expenses) is not exceeded, one or more line items within the category (e.g. health insurance) may exceed its budget allocation.

SPECIAL REVENUE FUNDS' EXCEPTIONS: In the Grant Fund, Texas Water Development Board Fund, San Antonio Capital Improvements Project Land Sales Fund, and the San Antonio River Authority Public Facility Corporation Fund, appropriations are controlled at the project level and by project life, not by fiscal year. As the Board accepts grants, as donations are received from outside sources, and as projects are approved, those proceeds are appropriated and available to departments to expend for identified River Authority purposes and needs.

Capital Project Funds including the San Antonio River Authority (SARA) Projects Fund (as listed in the designated section of the FY 2015/16 Budget document)

Capital project and other project funds are controlled at the project level. Expenditures within the individual projects may span fiscal years. However, budgetary control is not exercised by fiscal year; it is by the total project cost and total project expenditures. Project funding can be moved from one approved project to another during the fiscal year at the General Manager or authorized designee's discretion. However, funding for a project not approved by the Board of Directors in the FY 2015/16 Adopted Budget must be approved by the Board of Directors.



June 11, 2015

Attachment 1

To: San Antonio River Authority Board of Directors

From: Deborah Korinchock

RE: Recommended Changes to the FY 2015/16 Budget

The Fiscal Year (FY) 2015/16 Proposed Budget, as submitted to the Board of Directors on May 20, 2015, requires several changes prior to adoption. These changes reflect updated information received/identified after development of the proposed budget document. Staff recommends adopting the Proposed Budget including the changes described below.

- 1) City of San Antonio Westside Creeks Restoration Projects Fund – As presented at the May 20, 2015 Board meeting, the City of San Antonio has appropriated \$250,000 from their FY 2014/15 Adopted Budget to be used towards funding the design and construction of the Confluence Park Project. The FY 2015/16 Proposed Budget does not currently include this appropriation. With the additional amount, the total City of San Antonio funding for the Westside Creek Elmendorf Lake Park, the Westside Creek Linear Creekway Trails projects and the Confluence Park project is \$15,366,980. The recommendation is to recognize this additional funding, increasing Intergovernmental Revenue by \$250,000 and appropriating \$250,000 into a Confluence Park project budget. The River Authority will be transferring this funding to the San Antonio River Foundation in support of their efforts to advance this project.
- 2) City of San Antonio Capital Improvements Projects Fund – The March 18, 2015 Interlocal Agreement (ILA) between the River Authority and the City of San Antonio allows for the River Authority to provide services related to stormwater and other activities. Task order #4 has been issued under this ILA. In this task order, the City has requested that the River Authority develop the documents necessary for the solicitation of a design-build contract to complete the replacement of Flood Gate 4. Task order #4 has a budget not to exceed \$50,000. Therefore, the recommendation is to increase the Intergovernmental Revenue appropriation by \$50,000 for the City of San Antonio Capital Improvements Projects Fund and to create a Flood Gate 4 Replacement project of \$50,000 to cover expenses associated with this project’s scope.
- 3) Grants Fund – The Texas Commission on Environmental Quality (TCEQ) has awarded an additional \$36,000 in grant funding to the River Authority for the Leon Creek Use – Attainability Analysis. The River Authority will conduct additional biological monitoring, routine water quality sampling, flow measurements and 24 hour dissolved

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oxygen monitoring in support of a Use – Attainability Analysis on Lower Leon Creek. Furthermore, the River Authority will also conduct monitoring on Cibolo Creek, Medina River and Medio Creek utilizing this additional grant funding. The recommendation is to increase the grant revenues appropriation by \$36,000 and increase the Leon Creek Use-Attainability Analysis grant project budget by \$36,000, both in the Grants Fund.

- 4) Salatrillo Construction and Improvements Fund – The FY 2015/16 Proposed Budget for the Salatrillo Construction and Improvements Fund did not include the currently available cash balance in the fund. That amount, \$4,312,712, has been added to the fund in revenues under Transfers and as a Reserve for Capital Improvements under appropriations. These funds will be available for plant expansions or new plant construction as well as for collection system improvements. Page 3 of this memo shows the full revised revenues and expenditures for the fund.

- 5) San Antonio River Authority Water System Fund – The River Authority has been in negotiations with a private corporation for the sale of the San Antonio River Authority Water System. The FY 2015/16 Proposed Budget anticipated sale of the system on June 1, 2015 and does not include any appropriations for the water system function. On May 18, 2015, the River Authority received information stating that the sale of the water system will not occur on June 1, 2015 as originally planned; therefore, appropriations are needed to continue to support the water system and its customers in FY 2015/16. A revised budget for the San Antonio River Authority Water System Fund that includes funding for the full year has been prepared. Should the system sell during the year, the budget appropriations would not be fully expended. The following shows the appropriations and Page 4 shows the full revised revenues and expenditures for the fund.

<i>Appropriations:</i>	<u>FY 2013/14</u>	<u>FY 2014/15</u>	<u>FY 2015/16</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Budget</u>
Personnel Expenditures	\$83,471	\$80,468	\$85,992
Operating Expenditures	114,067	43,105	54,411
Transfers	0	48,952	574,646
<i>New Resource Expenditures</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Total Appropriations</i>	<i>\$197,538</i>	<i>\$172,525</i>	<i>\$715,049</i>

SUMMARY

With these described recommended changes to the FY 2015/16 Proposed Budget, the total appropriations across all funds are \$159,592,098 with \$131,598,263 in expenditure appropriations, \$27,993,835 in reserves and \$122,288,914 in revenues.

San Antonio River Authority
 Salatrillo Construction and Improvements Fund
 Fiscal Year Ending June 30, 2016

Fund: 81

	Budgeted Project Revenue/ Expenditures	Activity to Date As of 06/30/2014	Activity in FY 2014/15	Budgeted Remaining Available Funds
APPROPRIATIONS				

Available Funds

Other Contributions	\$ 12,167	\$ 12,167		\$ -
Transfers	6,032,740	4,923,089	67,049	1,042,602
Investment Income	130,928	130,928		-
Impact Fees	1,153,182	385,031	768,151	-
TOTAL AVAILABLE FUNDS	\$ 7,329,017	\$ 5,451,215	\$ 835,200	\$ 1,042,602

APPROPRIATIONS

Projects

City Metering	\$ 237,794	\$ 173,515	\$ 64,279	\$ -
Salatrillo Wastewater Treatment Plant Expansion	7,150	-	7,150	-
Screw Pump Replacement	1,178,473	30,334	365,226	782,913
Salatrillo Beltpress Replacement	1,110,359	1,110,359	-	-
Salatrillo Wholesale Collection System - Inflow and Infiltration	482,529	211,400	-	271,129

Total Project Expenditures	\$ 3,016,305	\$ 1,525,608	\$ 436,655	\$ 1,054,042
Reserve - Future Capital Improvements	4,312,712			4,312,712
TOTAL APPROPRIATIONS	\$ 7,329,017	\$ 1,525,608	\$ 436,655	\$ 5,366,754

San Antonio River Authority
 SARA Water Systems Fund
 Fiscal Year Ending June 30, 2016

Fund: 74

Available Funds	FY 2013/14 Actual	FY 2014/15 Estimate	FY 2015/16 Budget
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Beginning Balance

Undesignated Funds	\$ 51,457	\$ 37,084	\$ 65,049
Total Beginning Balance	\$ 51,457	\$ 37,084	\$ 65,049

Revenue

Charges for Services	\$ 183,165	\$ 200,490	\$ 650,000
Total Revenue	\$ 183,165	\$ 200,490	\$ 650,000

TOTAL AVAILABLE FUNDS \$ 234,622 \$ 237,574 \$ 715,049

APPROPRIATIONS

Personnel Expenditures	\$ 83,471	\$ 80,468	\$ 85,992
Operating Expenditures	114,067	43,105	54,411
Transfers	-	48,952	574,646

TOTAL OPERATING APPROPRIATIONS \$ 197,538 \$ 172,525 \$ 715,049

Unrestricted Ending Fund Balance \$ 37,084 \$ 65,049 \$ 0

TOTAL APPROPRIATIONS \$ 234,622 \$ 237,574 \$ 715,049

San Antonio River Authority Note Receivables and General Fund Obligations/Revenue

Fund	Original Note	Projected Principal Remaining 6-30-15	FY 2015/2016 Budgeted Payment Due	Term - Beginning	Term - Ending	Unrestricted Reserve	
01	Goliad County Water Supply Company	\$ 300,472	\$ 282,780	\$ 11,795	1/1/2014	1/1/2034	√
01	Universal City	448,219	265,630	150,134	6/30/2014	1/1/2019	√
01	Wildlake Dam Improvements	75,000	44,797	16,631	1/1/2014	1/1/2018	√
01	Wildlake Dam O&M	100,000	60,000	20,000	1/1/2014	1/1/2018	√
01	Midtown TIRZ	309,104	102,437	102,437	4/1/2014	12/31/2015	√
01	San Antonio Alternative Housing Corporation/Rosedale TIR	292,713	148,303	27,382	4/30/2011	4/30/2020	√
70	La Vernia	600,000	446,400	24,930	3/1/2009	3/1/2028	
70	Goliad County Water Supply Company	132,663	132,663	-	1/1/2014	1/1/2034	
75	Goliad County Water Supply Company	38,335	20,643	-	1/1/2014	1/1/2034	
	Totals	\$ 2,296,506	\$ 1,503,654	\$ 353,309			

General Fund Obligations

Euclid (Reserves)	3,576,202	3,305,212	279,930	7/1/2014	7/1/2026	√
Mission Reach Operation Center (Public Facility Corporatic	3,100,000	2,957,000	182,238	10/1/2014	10/1/2034	
Totals	\$ 6,676,202	\$ 6,262,212	\$ 462,168			

General Fund Revenues

	Total 5 Year Lease	Projected FY 2014/2015 Lease Payments	Projected FY 2015/2016 Lease Payments				
01	Euclid (San Antonio Gastroenterology Associates lease)	\$ 149,762	\$ 44,706	\$ 44,706	6/16/2014	7/31/2019	√



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RIVER AUTHORITY

Leaders in Watershed Solutions

List of Job Titles and Pay Grades

Job Title	Department/Division	Pay Grade	Pay Grade Min Annual	Pay Grade Mid Annual	Pay Grade Max Annual
Intern	Multiple Departments	101	9.00/hr		9.00/hr
Part-Time	Multiple Departments	102	12.00/hr		12.00/hr
Mike Gonzales Internship	Environmental Sciences	103	12.50/hr		12.50/hr
Administrative Technician	Human Resources	106	23,317.21	29,146.52	34,975.82
Utility Crewman	Utilities	107	24,483.07	30,603.84	36,724.61
Lock & Dam Operator	Watershed & Park Operations	108	25,707.23	32,134.03	38,560.84
Riparian/Landscape Technician	Watershed & Park Operations	108	25,707.23	32,134.03	38,560.84
Accounting Technician II	Accounting	109	26,992.59	33,740.74	40,488.88
Administrative Assistant	Multiple Departments	109	26,992.59	33,740.74	40,488.88
Facilities Maintenance Technician	Operations	109	26,992.59	33,740.74	40,488.88
Park Specialist	Watershed & Park Operations	109	26,992.59	33,740.74	40,488.88
Collection Systems Technician	Utilities	109	26,992.59	33,740.74	40,488.88
Equipment Technician	Utilities	109	26,992.59	33,740.74	40,488.88
Equipment Operator Technician	Utilities	109	26,992.59	33,740.74	40,488.88
Field Maintenance Technician	Utilities	109	26,992.59	33,740.74	40,488.88
Maintenance Technician	Utilities	109	26,992.59	33,740.74	40,488.88
Operations Technician	Utilities	109	26,992.59	33,740.74	40,488.88
WPO Crewman	Watershed & Park Operations	109	26,992.59	33,740.74	40,488.88
Accounting Technician III	Accounting	110	28,342.22	35,427.77	42,513.33
Riparian Crew Leader	Watershed & Park Operations	110	28,342.22	35,427.77	42,513.33
Administrative Coordinator	Multiple Departments	111	29,759.33	37,199.16	44,638.99
Electrician Apprentice	Utilities	111	29,759.33	37,199.16	44,638.99
WPO Senior Crewman	Watershed & Park Operations	111	29,759.33	37,199.16	44,638.99
Collection Systems Specialist	Utilities	112	31,247.30	39,059.12	46,870.94
Human Resources Coordinator	Human Resources	112	31,247.30	39,059.12	46,870.94
IGCR Technician	Intergovernmental & Community Relations	112	31,247.30	39,059.12	46,870.94
Maintenance Specialist	Utilities	112	31,247.30	39,059.12	46,870.94
Operations Specialist	Utilities	112	31,247.30	39,059.12	46,870.94
Operations Specialist/Operator I	Utilities	112	31,247.30	39,059.12	46,870.94
Budget Services Technician	Budget Services	113	32,809.66	41,012.08	49,214.49
Landscape Crew Leader	Watershed & Park Operations	113	32,809.66	41,012.08	49,214.49
Park Projects Coordinator	Watershed & Park Operations	113	32,809.66	41,012.08	49,214.49

List of Job Titles and Pay Grades

Job Title	Department/Division	Pay Grade	Pay Grade Min Annual	Pay Grade Mid Annual	Pay Grade Max Annual
Sludge Facility Operator	Utilities	113	32,809.66	41,012.08	49,214.49
Utilities Lead Lab Analyst	Utilities	114	34,450.14	43,062.68	51,675.22
Operations Water/Wastewater Specialist	Utilities	114	34,450.14	43,062.68	51,675.22
Computer Technician	Information Technology	115	36,172.65	45,215.81	54,258.98
Equipment Operator Lead Specialist	Utilities	115	36,172.65	45,215.81	54,258.98
Executive Assistant	Executive Office	115	36,172.65	45,215.81	54,258.98
GIS Technician II	Utilities	115	36,172.65	45,215.81	54,258.98
Operations Lead Specialist	Utilities	115	36,172.65	45,215.81	54,258.98
Util Line Inspector II	Utilities	115	36,172.65	45,215.81	54,258.98
Aquatic Biologist I	Environmental Sciences	116	37,981.28	47,476.60	56,971.93
GIS Technician III	Watershed Engineering	116	37,981.28	47,476.60	56,971.93
Lab Services Coordinator I	Environmental Sciences	116	37,981.28	47,476.60	56,971.93
Stormwater Scientist I	Environmental Sciences	116	37,981.28	47,476.60	56,971.93
Water Quality Scientist I	Environmental Sciences	116	37,981.28	47,476.60	56,971.93
Accounting Analyst	Accounting	117	39,880.35	49,850.43	59,820.52
Aquatic Biologist II	Environmental Sciences	117	39,880.35	49,850.43	59,820.52
Community Relations Coordinator	Intergovernmental & Community Relations	117	39,880.35	49,850.43	59,820.52
Collection Systems Foreman	Utilities	117	39,880.35	49,850.43	59,820.52
Education Coordinator	Intergovernmental & Community Relations	117	39,880.35	49,850.43	59,820.52
Environmental Investigations Coordinator I	Environmental Sciences	117	39,880.35	49,850.43	59,820.52
Financial Analyst	Budget Services	117	39,880.35	49,850.43	59,820.52
Field Maintenance Foreman	Utilities	117	39,880.35	49,850.43	59,820.52
Intergovernmental Coordinator	Intergovernmental & Community Relations	117	39,880.35	49,850.43	59,820.52
Lab Services Coordinator II	Environmental Sciences	117	39,880.35	49,850.43	59,820.52
Line Inspection Foreman	Utilities	117	39,880.35	49,850.43	59,820.52
Operations Facility Foreman	Utilities	117	39,880.35	49,850.43	59,820.52
Plant Maintenance Foreman	Utilities	117	39,880.35	49,850.43	59,820.52
Parks Program Coordinator	Watershed & Park Operations	117	39,880.35	49,850.43	59,820.52
Real Estate Rep I	Real Estate	117	39,880.35	49,850.43	59,820.52
Recreation Event Coordinator	Watershed & Park Operations	117	39,880.35	49,850.43	59,820.52
Shop Maintenance Foreman	Utilities	117	39,880.35	49,850.43	59,820.52
Stormwater Scientist II	Environmental Sciences	117	39,880.35	49,850.43	59,820.52

List of Job Titles and Pay Grades

Job Title	Department/Division	Pay Grade	Pay Grade Min Annual	Pay Grade Mid Annual	Pay Grade Max Annual
Survey Party Chief	Watershed Engineering	117	39,880.35	49,850.43	59,820.52
Water Quality Scientist II	Environmental Sciences	117	39,880.35	49,850.43	59,820.52
Watershed & Park Operations Foreman	Watershed & Park Operations	117	39,880.35	49,850.43	59,820.52
Art Direction Coordinator	Intergovernmental & Community Relations	118	41,874.37	52,342.96	62,811.55
Community Assistance Compliance Operator	Utilities	118	41,874.37	52,342.96	62,811.55
Environmental Investigations Coordinator II	Environmental Sciences	118	41,874.37	52,342.96	62,811.55
GIS Analyst	Support Services	118	41,874.37	52,342.96	62,811.55
Internal Communications Coordinator	Human Resources	118	41,874.37	52,342.96	62,811.55
Lab Services Coordinator III	Environmental Sciences	118	41,874.37	52,342.96	62,811.55
Operations Quality Control Supervisor	Utilities	118	41,874.37	52,342.96	62,811.55
Quality Control Supervisor	Utilities	118	41,874.37	52,342.96	62,811.55
Senior Aquatic Biologist	Environmental Sciences	118	41,874.37	52,342.96	62,811.55
Stormwater Scientist III	Environmental Sciences	118	41,874.37	52,342.96	62,811.55
Water Quality Planner/Data Management	Environmental Sciences	118	41,874.37	52,342.96	62,811.55
Water Quality Planner - QAO	Environmental Sciences	118	41,874.37	52,342.96	62,811.55
Water Quality Scientist II	Environmental Sciences	118	41,874.37	52,342.96	62,811.55
Budget Services Analyst	Budget Services	119	43,968.08	54,960.10	65,952.13
Environmental Investigations Coordinator III	Environmental Sciences	119	43,968.08	54,960.10	65,952.13
Environmental Investigations Specialist I	Environmental Sciences	119	43,968.08	54,960.10	65,952.13
Natural Resource Management Specialist	Watershed & Park Operations	119	43,968.08	54,960.10	65,952.13
Purchasing Agent	Support Services	119	43,968.08	54,960.10	65,952.13
Real Estate Rep II	Real Estate	119	43,968.08	54,960.10	65,952.13
Senior Engineering Technician	Watershed Engineering	119	43,968.08	54,960.10	65,952.13
Assistant Development Superintendent	Utilities	120	46,166.49	57,708.11	69,249.73
Assistant Wastewater Operations Superintendent	Utilities	120	46,166.49	57,708.11	69,249.73
Electrician	Operations	120	46,166.49	57,708.11	69,249.73
Environmental Systems Information Specialist II	Environmental Sciences	120	46,166.49	57,708.11	69,249.73
Engineering Technician Supervisor	Watershed Engineering	120	46,166.49	57,708.11	69,249.73
Environmental Investigations Specialist II	Environmental Sciences	120	46,166.49	57,708.11	69,249.73
Stormwater Investigations Supervisor	Environmental Sciences	120	46,166.49	57,708.11	69,249.73
Stormwater Analyst	Environmental Sciences	120	46,166.49	57,708.11	69,249.73
Water Quality Scientist III	Environmental Sciences	120	46,166.49	57,708.11	69,249.73

List of Job Titles and Pay Grades

Job Title	Department/Division	Pay Grade	Pay Grade Min Annual	Pay Grade Mid Annual	Pay Grade Max Annual
Environmental Investigations Specialist III	Environmental Sciences	121	48,474.81	60,593.52	72,712.22
Executive Offices Administrator	Executive Office	121	48,474.81	60,593.52	72,712.22
Facilities Administrator	Facilities	121	48,474.81	60,593.52	72,712.22
Project Administrator	Watershed Engineering	121	48,474.81	60,593.52	72,712.22
Real Estate Rep III	Real Estate	121	48,474.81	60,593.52	72,712.22
Web Developer	Information Technology	121	48,474.81	60,593.52	72,712.22
Community Relations Specialist	Intergovernmental & Community Relations	122	50,898.55	63,623.19	76,347.83
Database Specialist	Information Technology	122	50,898.55	63,623.19	76,347.83
Education Specialist	Intergovernmental & Community Relations	122	50,898.55	63,623.19	76,347.83
Human Resources /Safety Specialist	Human Resources	122	50,898.55	63,623.19	76,347.83
Human Resources Specialist	Human Resources	122	50,898.55	63,623.19	76,347.83
Lab Operations Supervisor	Environmental Sciences	122	50,898.55	63,623.19	76,347.83
Parks Supervisor	Watershed & Park Operations	122	50,898.55	63,623.19	76,347.83
Quality Assurance Supervisor	Environmental Sciences	122	50,898.55	63,623.19	76,347.83
Senior GIS Developer	Information Technology	122	50,898.55	63,623.19	76,347.83
Stormwater Supervisor	Environmental Sciences	122	50,898.55	63,623.19	76,347.83
Systems Administrator	Information Technology	122	50,898.55	63,623.19	76,347.83
Watershed Monitoring Supervisor	Environmental Sciences	122	50,898.55	63,623.19	76,347.83
Web Administrator	Information Technology	122	50,898.55	63,623.19	76,347.83
Graduate Engineer	Watershed Engineering	123	53,443.48	66,804.35	80,165.22
Network Administrator	Information Technology	123	53,443.48	66,804.35	80,165.22
Intergovernmental Specialist	Intergovernmental & Community Relations	124	56,115.65	70,144.57	84,173.48
Landscape Superintendent	Watershed & Park Operations	124	56,115.65	70,144.57	84,173.48
Project & Planning Specialist	Budget Services	124	56,115.65	70,144.57	84,173.48
Maintenance Superintendent	Watershed & Park Operations	124	56,115.65	70,144.57	84,173.48
Recreation Superintendent	Watershed & Park Operations	124	56,115.65	70,144.57	84,173.48
Registered Professional Land Surveyor Lead	Watershed Engineering	124	56,115.65	70,144.57	84,173.48
Utilities Development Superintendent	Utilities	124	56,115.65	70,144.57	84,173.48
Utilities Maintenance Superintendent	Utilities	124	56,115.65	70,144.57	84,173.48
Utilities Operations Superintendent	Utilities	124	56,115.65	70,144.57	84,173.48
Landscape Architect	Watershed Engineering	125	58,921.44	73,651.80	88,382.16
Project Management Specialist	Watershed Engineering	125	58,921.44	73,651.80	88,382.16

List of Job Titles and Pay Grades


Job Title	Department/Division	Pay Grade	Pay Grade Min Annual	Pay Grade Mid Annual	Pay Grade Max Annual
Stormwater Specialist	Watershed Engineering	125	58,921.44	73,651.80	88,382.16
Engineer	Watershed Engineering	128	68,208.93	85,261.16	102,313.39
Stream Restoration Specialist	Watershed Engineering	128	68,208.93	85,261.16	102,313.39
Senior Laboratory and Data Management Scientist	Environmental Sciences	129	71,619.38	89,524.22	107,429.06
Senior Quality Assurance Scientist	Environmental Sciences	129	71,619.38	89,524.22	107,429.06
Senior Stormwater Supervisor	Environmental Sciences	129	71,619.38	89,524.22	107,429.06
Senior Technical Engineer	Watershed Engineering	129	71,619.38	89,524.22	107,429.06
Senior Engineer	Watershed Engineering	130	75,200.34	94,000.43	112,800.52
Accounting Manager	Accounting	133	87,053.80	108,817.25	130,580.70
Real Estate Manager	Real Estate	133	87,053.80	108,817.25	130,580.70
Budget Services Manager	Budget Services	134	91,406.49	114,258.11	137,109.73
External Communications Manager	Intergovernmental & Community Relations	134	91,406.49	114,258.11	137,109.73
Information Technology Manager	Information Technology	134	91,406.49	114,258.11	137,109.73
Environmental Sciences Manager	Environmental Sciences	135	95,976.81	119,971.02	143,965.22
Utilities Manager	Utilities	135	95,976.81	119,971.02	143,965.22
Watershed & Park Operations Manager	Watershed & Park Operations	135	95,976.81	119,971.02	143,965.22
Watershed Engineering Manager	Watershed Engineering	135	95,976.81	119,971.02	143,965.22
Director of Human Resources	Executive Office	140	122,493.44	153,116.80	183,740.15
Director of Operations	Executive Office	140	122,493.44	153,116.80	183,740.15
Director of Support Services	Executive Office	140	122,493.44	153,116.80	183,740.15
Director of Technical Services	Executive Office	140	122,493.44	153,116.80	183,740.15
Staff Attorney	Executive Office	140	122,493.44	153,116.80	183,740.15
Assistant General Manager	Executive Office	145	156,336.11	195,420.14	234,504.17
General Manager	Executive Office	151	209,505.35	261,881.68	314,258.02



SAN ANTONIO

RIVER AUTHORITY

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	SAN ANTONIO RIVER AUTHORITY	POLICY & PROCEDURE	POLICY NUMBER: FN 0002
SUBJECT: Fund Balance Policy		REPLACING POLICY NUMBER: EO 0008	
RESPONSIBLE MANAGER: Financial Services Manager		EFFECTIVE DATE: 08/15/2001	
		REVISED DATE: 04/2015	PAGE(S): 1 of 3

PURPOSE

The purpose of this policy is to establish guidelines for the allocation and use of San Antonio River Authority (River Authority) fund balances.

FUND CATEGORIES

Governmental-type Activity Funds: Funds that receive revenues through taxes, payments from other governmental entities, charges for services and other revenues. There are five categories of fund balances for governmental funds for purposes of financial reporting: non-spendable (non-cash items such as notes receivable), restricted, committed, assigned, and unassigned.

For the River Authority, governmental-type activity funds include the General Fund, Debt Service Fund, special revenue funds and capital project funds.

Business-type Activity Funds: Funds that are financed in whole or in part by fees charged to external parties for goods or services. These activities are the River Authority’s enterprise funds and internal service funds. There are four types of fund balances for enterprise funds for financial reporting purposes: invested in capital assets, restricted for debt service, restricted for construction and unrestricted. The invested in capital assets portion of the fund balance does not represent cash.

The categories and types of fund balances described above for each type of fund are used and necessary for financial reporting such as the Comprehensive Annual Financial Report. These categories and types are not necessary for the adopted annual budget.

FUND BALANCE DEFINITIONS:

The financial accounting definitions of the different types of fund balances (as required by GASB 54) and used by the River Authority in the Comprehensive Annual Report and other financial reporting are as follows.

- Non-spendable Fund Balance consists of funds that cannot be spent due to their non-cash form (i.e. inventory, prepaid expenses, notes receivable) or funds that legally or contractually cannot be spent.
- Restricted Fund Balance consists of funds that are mandated for a specific purpose by external parties (i.e. grantors, contributors, creditors, laws, regulations, or other governments), constitutional provisions or enabling legislation. Grant funds and debt proceeds are examples of restricted funds.

- Committed Fund Balance consists of funds that are set aside for a specific purpose by the River Authority's Board of Directors. Formal Board action must be taken to either commit funds or to remove or change the limitations placed on the funds.
- Assigned Fund Balance consists of funds that are set aside *with the intent* to be used for a specific purpose by the River Authority's Board of Directors or General Manager (or designee) who has been given the authority to assign funds. Assigned funds cannot cause a deficit in unassigned fund balance.
- Unassigned Fund Balance consists of excess funds that have not been classified in the previous four categories. All funds in this category are considered spendable resources. This category also provides the resources necessary to meet unexpected expenditures and revenue shortfalls. This category includes the Operating Reserve and the Unrestricted Reserve described below.

The main objectives of establishing and maintaining a fund balance policy are to ensure that the River Authority:

- Is in a strong financial position
- Has sufficient cash to meet payment obligations
- Can maintain favorable, high bond ratings
- Has sufficient reserves to react to emergency, unforeseen and/or extraordinary occurrences (for example a flood) or revenue shortfalls
- Is able to weather negative economic trends

The policy also helps the River Authority preserve flexibility throughout the fiscal year to make adjustments in funding for programs approved in connection with the annual budget.

It is the responsibility of the Support Services Director to report all fund balances appropriately in the River Authority's Audited Financial Statements and Annual Adopted Budget. This includes all notes receivable.

Authority to Commit Funds

The River Authority's Board of Directors has the authority to set aside funds for a specific purpose and to establish a committed or assigned fund balance(s). A formal action of the River Authority Board of Directors must be taken to commit/un-commit and assign/un-assign fund balance for a specific purpose.

The General Manager has the authority to use up to \$500,000 in available fund balances to respond to an emergency situation resulting from natural or man-made disasters such as flooding. The General Manager will bring actions taken to address the emergency to the River Authority's Board of Directors for ratification at the first available meeting.

Operating Reserve (Unassigned Fund Balance)

The Operating Reserve is available, if necessary: to cover unexpected expenditures and/or revenue shortfalls; to react to unforeseen and/or extraordinary occurrences (for example a flood); to provide sufficient cash flow for operations, to protect the River Authority's strong financial position, to weather economic downturns, or for other appropriate needs as determined by the Board of Directors.

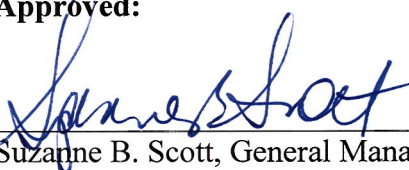
The River Authority's General Fund and all utility system(s) operating funds will set a target to maintain a minimum of 25 percent (three months) of the annual budgeted operating expenses as an operating reserve. Operating expenses to be included in the determination of the appropriate level of the reserve include personnel and operating supplies and contracts. Expenses not included in the reserve calculation are project related expenditures and transfers to other funds. The Operating Reserve will have as a target maintaining a reserve at 25 percent of the annual budgeted operating expenses as defined here and will be fully funded before any other fund balance reserves are increased. However, commitments to repay other fund balance reserves will be met regardless of the current balance in the Operating Reserve.

Unrestricted Reserve

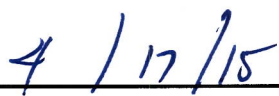
The River Authority maintains reserve funds that can be used for purposes that assist the River Authority's mission. This may include funding projects and asset acquisition without issuing debt and incurring interest costs. These funds' use includes but is not limited to: completing capital projects, funding studies, purchasing assets, and executing loans to move projects forward sooner as well as other activities approved by the River Authority Board of Directors. These funds should be used to support the River Authority's strategic plan goals and objectives. Use of these funds is at the discretion of the River Authority Board of Directors; annually, the Board may delineate the types of projects for which these funds may be used. This reserve will be accounted for in a fund separate from the General Fund.

The River Authority's Board of Directors may take action annually after the approval of the audit to move the available fund balance between the categories described in this policy.

Approved:



Suzanne B. Scott, General Manager




Date



SAN ANTONIO

RIVER AUTHORITY

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	SAN ANTONIO RIVER AUTHORITY	POLICY & PROCEDURE	POLICY NUMBER: FN 0003
SUBJECT:: Investment Policy and Strategy		FINANCE	REPLACING POLICY NUMBER: EO 0009
RESPONSIBLE MANAGER: Director of Support Services		EFFECTIVE DATE:: 05/21/2003	
		REVISED DATE: 11/19/2014	PAGE(S): 1 of 18

Reference: Chapter 2256 Government Code, Public Funds Investment Act of the State of Texas (the “Act”).

1. POLICY

To invest public funds in a manner which will provide the maximum security for the investment portfolio, while working to yield the highest reasonable investment return and meeting the daily cash flow demands of the San Antonio River Authority (River Authority) and conforming to all state and local statutes governing the investment of funds.

2. SCOPE

Except for its employee retirement system fund and the Deferred Compensation Fund, organized and administered separately by a third party custodian and/or money manager, this investment policy applies to all financial assets of the River Authority. These funds are accounted for in the River Authority Comprehensive Annual Financial Report and include:

- General Fund
- Special Revenue Funds
- Capital Project Funds
- Enterprise Funds
- Agency Funds
- Debt Service Funds
- Any new fund created by the Board, unless specifically exempted.

These funds shall be administered in accordance with the provisions of this policy. The monies from these funds may be comingled for investment purposes but the strategy which will be developed for that portfolio will address the varying needs and objectives of each fund.

3. OBJECTIVES

The primary objectives, in priority order, of the River Authority investment activities shall be:

a. Safety

Safety of principal is the foremost objective of the investment of funds. Investments shall be undertaken in a manner that seeks to ensure the preservation of capital in the overall portfolio. The objective will be to mitigate credit risk and interest rate risk.

i. Credit Risk

Credit Risk is the risk of loss due to the failure of the security issuer or backer. Credit risk can be managed by:

- Limiting investments to the highest credit quality securities;
- Pre-qualifying the financial institutions, broker/dealers, intermediaries, and advisors with which the River Authority will do business; and
- Diversifying the investment portfolio so that potential losses on individual securities will be minimized and to spread risk.

ii. Interest Rate Risk

Interest rate risk is the risk that the market value of securities in the portfolio will fall due to changes in general interest rates. Interest rate risk can be managed by:

- Structuring the investment portfolio so that securities mature to meet cash requirements for ongoing operations, thereby avoiding the need to sell securities on the open market prior to maturity, and
- By investing operating funds primarily in shorter-term securities.

b. Liquidity

The investment portfolio shall remain sufficiently liquid to meet all operating requirements that may be reasonably anticipated. This is accomplished by structuring the portfolio so that securities mature concurrent with cash needs to meet anticipated demands and maintaining a liquidity buffer. Furthermore, since all possible cash demands cannot be anticipated, the portfolio should consist largely of securities with active secondary or resale markets.

c. Yield

The investment portfolio shall be designed with the objective of attaining a market yield throughout budgetary and economic cycles, taking into account the investment risk constraints and liquidity needs. Yield on investment is of least importance compared to the safety and liquidity objectives described above. The core of investments is limited to relatively low risk securities in anticipation of earning a fair yield relative to the risk being assumed. Securities shall not be sold prior to maturity with the following exceptions:

- a declining credit security could be sold early to minimize loss of principal;
- a security swap would improve the quality, yield, or target duration in the portfolio; or
- liquidity needs of the portfolio require that the security be sold.

4. STANDARDS OF CARE

a. Ethics and Conflicts of Interest

Investment officers and employees involved in the investment process shall refrain from personal business activity that could conflict with the proper execution and management of the investment program, or could impair their ability to make impartial decisions. Employees and investment officials shall disclose any material interests in financial institutions with which they conduct investment business. They shall further disclose any personal financial/investment positions that could be related to the performance of the investment portfolio. Employees and investment officers shall refrain from undertaking personal investment transactions with the same individual with whom business is conducted on behalf of the River Authority. The investment officers shall disclose all conflicts to the Board. .

If the investment officer of the River Authority has a personal business relationship, i.e. is related within the second degree by affinity or consanguinity, as determined under Chapter 573, to an individual seeking to sell an investment to the River Authority, the officer shall file a statement disclosing that relationship with the Texas Ethics Commission and the River Authority Board of Directors. The investment officer has a personal business relationship with a business organization if:

- the investment officer(s) owns ten percent or more of the voting stock or shares of the business organization or owns \$5,000 or more of the fair market value of the business organization;
- funds received by the investment officer(s) from the business organization exceeds ten percent of the investment officer's gross income from the previous year; or

- the investment officer(s) has acquired from the business organization during the previous year, investments with a book value of \$2,500 or more for the personal account of the investment officer(s).

b. Delegation of Authority

Under the direction of the General Manager, authority to manage the investment of funds is granted to the Budget Services Manager, Controller and the Director of Support Services, who are the investment officers. The Authority may also contract with an SEC-registered Investment Adviser for non-discretionary management of the funds. The Director of Support Services shall be designated as the Investment Officer for the Authority. The General Manager, Assistant Manager or Treasurer of the Board shall review all purchases and sales of investments made by the investment officer or adviser. The Director of Support Services, the Budget Services Manager, the Controller and Investment Adviser shall carry out established written procedures and internal controls for the operation of the investment of funds consistent with this investment policy. Unless otherwise authorized by law, a person may not deposit, withdraw, invest, transfer, or manage in any other manner, funds of the River Authority's investment portfolio without express written authority of the Board of Directors, General Manager, Director of Support Services, Controller or Budget Services Manager, consistent with the investment policy adopted by the Board.

Authority that is granted to the Financial Services Manager, Controller and the Director of Support Services to deposit, withdraw, invest, transfer, or manage the River Authority's funds is effective until rescinded by the Board or until termination of the person's employment. Procedures should include references to safekeeping, delivery vs. payment, investment collateral/depository agreements and banking services contracts. No person may engage in an investment transaction except as provided under the terms of this policy and the procedures established by the Board of Directors.

The designated investment officer(s) shall attend at least one training session relating to the investment officer's responsibilities, as required, within 12 months after taking office or assuming responsibilities. The investment officer(s) shall attend an investment training session not less than once in a two-fiscal year period and receive not less than 10 hours of instruction relating to investment responsibilities, as required, from an independent source.

c. Prudence

The standard of prudence to be used by investment officer(s) and Investment Adviser shall be the "prudent person" standard and shall be applied in the context of managing the overall portfolio. Investment officers acting in accordance with written procedures and this investment policy and exercising due diligence shall be

relieved of personal liability for an individual security's credit risk or market price changes, provided deviations from expectations are reported in a timely fashion and the liquidity and the sale of securities are carried out in accordance with the terms of this policy.

Investments shall be made with judgment and care, under circumstances then prevailing, which persons of prudence, discretion and intelligence exercise in the management of their own affairs, not for speculation, but for investment, considering the probable safety of their capital as well as the probable income to be derived.

5. AUTHORIZED FINANCIAL DEALERS AND INSTITUTIONS

A list approved by the River Authority Board or Fiscal Committee will be maintained of broker/dealers and financial institutions authorized to sell securities to the Authority. The Board shall annually adopt the list of qualified broker/dealers authorized to engage in investment transactions. These may include "primary" dealers, regional dealers or brokers that qualify under Securities and Exchange Commission Rule 15C3-1 (uniform net capital rule).

All broker/dealers and financial institutions who desire to be a certified counterparty for investment transactions must supply the following as appropriate:

- audited financial statements;
- proof of Financial Industry Regulatory Authority (FINRA) certification (as applicable);
- proof of state registration;
- completed broker/dealer questionnaire; and
- certification of having received and thoroughly reviewed the River Authority's investment policy.

A current audited financial statement is required to be on file for each financial institution and broker/dealer in which the River Authority invests.

6.. INTERNAL CONTROLS

The Director of Support Services is responsible for establishing and maintaining an internal control structure designed to ensure that the assets of the River Authority are protected from loss, theft or misuse. The internal control structure shall be designed to provide reasonable assurance that these objectives are met. The concept of reasonable assurance recognizes that (1) the cost of control should not exceed the benefits likely to be derived; and (2) the valuation of costs and benefits requires estimates and judgments by management. The Investment Officer will perform an internal compliance audit of the procedures annually to assure compliance with the Act and this Investment Policy

An external auditor will perform an annual independent review to assure compliance with policies and procedures. As part of the scope of the River Authority's annual audit, all internal controls on investments, safekeeping procedures and investment procedures performance will be presented to the Fiscal Committee by the Auditor. The internal controls shall address the following points:

a. Control of collusion

Collusion is a situation where two or more employees are working in conjunction to defraud their employer.

b. Separation of transaction authority and action from accounting and record keeping.

By separating the person who authorizes or performs the transaction from the people who record or otherwise account for the transaction, a separation of duties is achieved.

c. Custody and Safekeeping

Securities purchased by the Authority shall be settled delivery versus payment into the River Authority's designated depository bank.

Collateral pledged to the Authority for time and demand deposits in any financial institution shall be held in an independent third-party institution approved by the Authority.

d. Clear delegation of authority to subordinate staff members

Subordinate staff members must have a clear understanding of their authority and responsibilities to avoid improper actions. Clear delegation of authority also preserves the internal control structure that is contingent on the various staff positions and their respective responsibilities.

e. Written confirmation on all transactions for investments and wire transfers

Due to the potential for error and improprieties all transactions should be supported by written documentation and approved by the appropriate independent person. Written communications may be via fax or email if on letterhead and the safekeeping institution has a list of authorized signatures.

f. Delivery vs. Payment

All security trades will be executed by delivery vs. payment (DVP). This ensures that securities are deposited in the Authority's financial institution

prior to the release of funds. The safekeeping agent will hold securities as evidenced by safekeeping receipts provided to the River Authority.

g. Monitoring Credit Ratings

The Investment Officer or Investment Adviser shall monitor, on no less than a monthly basis, the credit rating on all authorized investments in the portfolio based upon independent information from a nationally recognized rating agency. If any security falls below the minimum rating required by this Policy, the Investment Officer or adviser shall notify the General Manager of the loss of rating, conditions affecting the rating and possible loss of principal with liquidation options available, within three business days after learning of the loss of the required rating.

h. Monitoring FDIC Status

The Investment Officer or Investment Adviser shall monitor, on no less than a weekly basis, the status and ownership of all banks whose brokered CDs are owned by the Authority based upon information from the FDIC. If any bank has been acquired or merged with another bank in which brokered CDs are owned, the Investment Officer or Investment Adviser shall immediately liquidate any brokered CD which places the Authority above the FDIC insurance level.

i. Competitive Bidding

All security transactions will be made on a competitive basis to assure the Authority is receiving accurate market rates. When-issued securities shall be compared to other securities available in the secondary market.

j. Un-authorized Investment

Should amendments be made to State Law or River Authority policy, the River Authority will not be required to liquidate currently held investments that were authorized investments at the time of purchase. At maturity or liquidation, such monies shall be reinvested only as provided by this policy.

7. SUITABLE AND AUTHORIZED INVESTMENTS

a. Investment Types

Only the following will be authorized for investment by the Authority in accordance with the Public Funds Investment Act. Changes to the Act will not be authorized until the Policy is amended and adopted by the Authority Board.:

- i. Obligations of the United States or its agencies and instrumentalities, excluding mortgage backed securities, not to exceed a stated maturity of three (3) years;
- ii. Direct obligations of this state or its agencies and instrumentalities or obligations of states, agencies, counties, cities, and other political subdivisions of any state rated as to investment quality by a nationally recognized investment rating firm not less than A or its equivalent, in each case not to exceed three (3) years to stated maturity
- iii. Depository Certificates of Deposit (Section 2256.010)

A depository certificate of deposit is an authorized investment under this subchapter if the certificate of deposit is issued by a state or national bank that has its main office or a branch office in Texas and is:

- A. guaranteed or insured by the Federal Deposit Insurance Corporation or its successor;
- B. secured by obligations described in Sections 7(a)(i) or (ii) of this Policy or in any other manner provided by law for deposits of the River Authority.

- iv. Brokered Certificate of Deposit Securities (2256.010)

FDIC insured brokered certificates of deposit securities from a bank in any US state, delivered versus payment to the Authority's safekeeping agent, not to exceed one year to maturity. Before purchase, the Investment Officer or Adviser must verify the FDIC status of the bank on www.fdic.gov to assure that the bank is FDIC insured.

- v. Repurchase Agreements (Section 2256.011)

- A. A fully collateralized repurchase agreement is an authorized investment if the repurchase agreement:
 - (1) has a defined termination date;
 - (2) is secured by obligations described by Section 2256.009(a) (1); and
 - (3) requires the securities being purchased by the River Authority to be pledged to the River Authority, held in the River Authority's name, and deposited at the time the

investment is made with the River Authority or with a third party selected and approved by the River Authority; and

(4) is placed through a primary government securities dealer, as defined by the Federal Reserve, or a financial institution doing business in this state.

B. In this section, “repurchase agreement” means a simultaneous agreement to buy, hold for a specified time, and sell back at a future date obligations described by Section 2256.009(a) (1), at a market value at the time that funds are disbursed of not less than the principal amount of the funds disbursed. The term includes a direct security repurchase agreement and a reverse security repurchase agreement.

C. Notwithstanding any other law, the term of any reverse security repurchase agreement may not exceed 90 days after the date the reverse security repurchase agreement is delivered.

D. Money received by the River Authority under the terms of a reverse security repurchase agreement shall be used to acquire additional authorized investments, but the term of the authorized investments acquired must mature not later than the expiration date stated in the reverse security repurchase agreement.

vi. Bankers’ Acceptances (Section 2256.012)

A bankers’ acceptance is an authorized investment under this subchapter if the banker’s acceptance:

A. has a stated maturity of 180 days or fewer from the date of its issuance;

B. will be, in accordance with its terms, liquidated in full at maturity;

C. is eligible for collateral for borrowing from a Federal Reserve Bank; and

D. is accepted by a bank organized and existing under the laws of the United States or any state, if the short-term obligations of the bank, or of a bank holding company of which the bank is the largest subsidiary, are rated not less than A-1 or P-1 or an equivalent rating by at least one nationally recognized credit rating agency.

vii. Commercial Paper (Section 2256.013)

Commercial paper is an authorized investment under this subchapter if the commercial paper:

- A. has a stated maturity of 180 days or fewer from the date of its issuance; and
- B. is rated not less than A-1 or P-1 or an equivalent rating by at least:
 - (1) two nationally recognized credit rating agencies.

viii. Money Market Mutual Funds (Section 2256.014)

- A. A money market mutual fund is an authorized investment under this subchapter if the fund:
 - (1) is registered with and regulated by the Securities and Exchange Commission;
 - (2) provides the River Authority with a prospectus and other information required by the Securities Exchange Act of 1934 (15 U.S.C. Section 78a et seq.) or Investment Company Act of 1940 (15 U.S.C. Section 80a-1 et seq.)
 - (3) Is AAA-rated;
 - (3) has a dollar-weighted average stated maturity of 60 days or fewer; and
 - (4) includes in its investment objectives the maintenance of a stable net asset value of \$1 for each share

ix. Investment Pools (Section 2256.016)

- A. The River Authority may invest its funds and funds under its control in a AAA-rated (or equivalent) Texas local government investment pool which strives to maintain a \$1 net asset value. The governing body of the River Authority by rule, order, ordinance, or resolution, as appropriate, must authorize investment in the particular pool by resolution.

x. Fully insured or collateralized interest bearing account in any bank in Texas.

b. Collateralization

In accordance with state law on the Collateralization of Public deposits, the Public Funds Collateral Act, Texas Government Code 2257 and the River Authority depository contract, full collateralization will be required on all time and demand deposits.

Time and Demand Deposits Pledged Collateral

All bank time and demand deposits shall be collateralized above the FDIC coverage by pledged collateral. In order to anticipate market changes and provide a level of security for all funds, collateral will be maintained and monitored by the pledging depository at 102 percent of market value of principal and accrued interest on the deposits. The bank shall monitor and maintain the margins on a daily basis.

Collateral pledged to secure deposits shall be held by an independent financial institution outside the holding company of the depository. The written collateral agreement with the depository shall be approved by resolution of the Bank Board or Bank Loan Committee. The custodian shall provide a monthly report of collateral directly to the Authority.

All collateral shall be subject to inspection and audit by the Authority or its independent auditors.

Owned Repurchase Agreement Collateral

Collateral under a repurchase agreement is 'owned' by the River Authority. Collateral will equal 102 percent of principal and interest at all times and be delivered versus payment to the custodian. An executed copy of the Master Repurchase Agreement must be approved before any transaction is initiated. Collateral will be evidenced by safekeeping receipts clearly denoting River Authority ownership from the safekeeping agent and held by an independent third party custodian approved by the River Authority.

Authorized Collateral

Only the following securities are authorized as collateral for time and demand deposits or repurchase agreements:

- i. FDIC insurance coverage.
- ii. Obligations of the United States, its agencies or instrumentalities, or evidence of indebtedness of the United States guaranteed as to principal and interest including MBS and CMO which pass the bank test.
- iii. Obligations of any US state or of a county, city or other political subdivision of any state having been rated as investment grade (investment rating no less than "A" or its equivalent) by two nationally recognized rating agencies.
- iiii. Letter of Credit from the FHLB.

c. Compliance with State Law

All authorized investments outlined above must meet the requirements of the Act. No investment may be made in any instrument except as provided above.

8. INVESTMENT PARAMETERS

a. Diversification

The investments will be diversified by security type and institution.

b. Maximum Maturity

The River Authority shall limit their maximum final stated maturity to three (3) years. To the extent possible, investments will be made to match anticipated cash flow requirements.

c. Maximum Dollar-Weighted Average Maturity

The maximum dollar-weighted maturity of the total portfolio shall not exceed one (1) year to maturity. In order to monitor risk and performance, the one-year Treasury Bill for the comparable reporting period will be utilized as the benchmark for the total portfolio.

9. REPORTING

a. Methods

An investment report will be prepared quarterly in accordance with the Act. The report will include a management summary that provides the status of the current investment portfolio. This report will be provided to the Board of Directors and will be signed by the Director of Support Services and the Controller and the Investment Adviser, if applicable.

b. Marking to Market

A statement of the market value of the portfolio shall be done quarterly using an independent source. This will ensure accurate market values on the portfolio.

10. AMENDMENT AND ANNUAL ADOPTION OF THE POLICY

This policy shall be reviewed annually by the Board of Directors. The Board shall adopt, by resolution or ordinance, the investment policy and strategies. The adopting resolution shall reference all changes made to the policy.

11. INVESTMENT STRATEGIES

The River Authority operates with a pooled investment strategy recognizing the needs of the individual funds of the River Authority in the comingled portfolio. The Authority intends to generally match investments with the projected cash flows and liquidity needs in a laddered portfolio and using generally a buy-and-hold strategy. In no case will the dollar-weighted average maturity of the portfolio exceed one (1) year. The maximum final stated maturity of any investment shall not exceed three years.

- a. The Operating Funds of the River Authority include the General Fund and utility funds.

Investment strategies for the operating funds of the River Authority have as their objectives the following: to assure that the anticipated cash flows are matched with adequate liquidity. During economic cycles, assuring that the investment portfolio will experience minimal volatility. Investment purchases will be of high quality, with short to medium term securities that complement each other in a laddered portfolio structure.

- b. Debt Service Funds

Investment strategies for the Debt Service Funds have as their primary objective the assurance of investment liquidity adequate to cover obligations on required payment dates. Securities purchased shall not have a stated maturity date, which exceeds the unfunded required payment date and each successive debt service date will be fully funded.

- c. The Reserve Funds of the River Authority include debt service reserves and construction and improvement reserves.

Investment strategies for the River Authority's Reserve Funds have as the primary objective the assurance of yield and availability should the reserve funds be required. In addition, where applicable, all bond covenants must be followed.

- d. The Capital Project Funds of the River Authority include projects funded by the River Authority, Bexar County, the City of San Antonio and other funding partners.

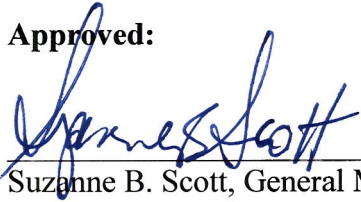
Investment strategies for the River Authority's project funds must first have as their primary objective the assurance of meeting cash flow requirements on all

contractual obligations. In addition, where applicable, all bond covenants must be followed. All securities purchased must be of high quality; short to medium term that complements each other in a laddered portfolio structure.

- e. The Special Revenue Funds of the River Authority include grant funds, park development funds and other special use funds.

Investment strategies for the special revenue funds of the River Authority have as their objective assurance that the anticipated cash flows are matched with adequate liquidity. During economic cycles, assure that the investment portfolio experiences minimal volatility.

Approved:



Suzanne B. Scott, General Manager

1/15/15
Date

San Antonio River Authority
Authorized Broker/Dealer List
2014

The authorized broker/dealer list for 2014 for the San Antonio River Authority is shown below. Each of these firms, and the individual covering the account, are sent the current Investment Policy. In accordance with the Public Funds Investment Act (TX Gov't Code 2256.005(k)), before any broker/dealer transacts business with the Authority, it will have had to certify in writing to a review of the Policy and have certified that procedures are in place to assure compliance with that Policy.

The Authority's Investment Policy establishes specific criteria for the brokers and requires that the list of broker/dealers be approved annually by the Board. Patterson & Associates maintains the brokerage compliance files for the Authority.

When any material changes are made to the Investment Policy, the new Policy is sent out to the approved broker/dealers for re- certification.

Duncan Williams
First Southwest Company
Loop Capital
Merrill Lynch
Mizuho Securities
Morgan Stanley
Mutual Securities
Piper Jaffray
Raymond James
RBC Capital Markets
Stifel Nicolaus
Wells Fargo

ORDINANCE NO. O-1394

AN ORDINANCE OF THE BOARD OF DIRECTORS OF THE SAN ANTONIO RIVER AUTHORITY APPROVING BOARD POLICY FN 0003 CONCERNING INVESTMENT POLICIES AND STRATEGIES

Preamble

WHEREAS, FN 0003, passed and approved November 19, 2008, adopted policy FN 0003 concerning investment policy and strategy; and

WHEREAS, Ordinance No. O-1385, passed and approved October 16, 2013, adopted Board Policy concerning investment policy and strategy; and

WHEREAS, it is necessary and in the public interest to annually review and approve the Board Policy relating to public funds investments and strategy and the broker/dealer list.

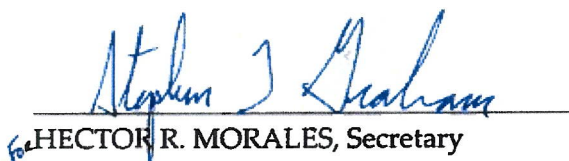
NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF DIRECTORS OF THE SAN ANTONIO RIVER AUTHORITY THAT:

1. Ordinance No. O-1385 passed and approved October 16, 2013, relating to the investment policy is repealed.
2. Policy FN 0003, attached to this Ordinance as Exhibit A (with all changes delineated) and incorporated herein by reference, is approved as the official written policy of the River Authority concerning investment policy and strategy.
3. The approved broker/dealer list is incorporated in the adopted investment policy and strategy and is adopted with this Ordinance.

PASSED AND APPROVED this 19th day of November, A.D., 2014.


SALLY BUCHANAN, Chairman

ATTEST:


HECTOR R. MORALES, Secretary

ACKNOWLEDGEMENT OF CHAIRMAN

STATE OF TEXAS §
 §
COUNTY OF BEXAR §

BEFORE ME, the undersigned authority on this day personally appeared SALLY BUCHANAN, Chairman of the Board of Directors of the SAN ANTONIO RIVER AUTHORITY, a political subdivision of the State of Texas known to me to be the person and officer whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, in the capacity therein stated, and as the act and deed of said political subdivision.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 19th day of November, 2014.



Linda Kay Whitaker

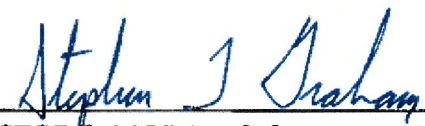
LINDA KAY WHITAKER, Notary Public
In and for the State of Texas
My commission expires: 9/12/2016

CERTIFICATE OF SECRETARY

SAN ANTONIO RIVER AUTHORITY §
 §
SAN ANTONIO, BEXAR COUNTY, TEXAS §

I hereby certify the above and foregoing to be a duplicate original of Ordinance No. O-1394 of the Board of Directors of the SAN ANTONIO RIVER AUTHORITY as passed and approved by the members of said Board at a regular meeting of the Board of Directors of said AUTHORITY held on November 19, 2014, in Bexar County, Texas, at which a quorum was present, as shown by the Minutes of said meeting.

IN TESTIMONY WHEREOF, witness my hand and the official seal of the SAN ANTONIO RIVER AUTHORITY on this the 19th day of November, A.D., 2014 in the City of San Antonio, Bexar County, Texas.



For HECTOR R. MORALES, Secretary



Abbreviations & Acronyms

AFB	–	Air Force Base
BBASC	–	Basin and Bay Stakeholder Committee
BCCIP	–	Bexar County Capital Improvement Program
BMPs	–	Best Management Practices
BRWM	–	Bexar Regional Watershed Management
BST	–	Bacterial Source Tracking
CRP	–	Clean Rivers Program
DFIRM	–	Digital Flood Insurance Rate Map
EAA	–	Edwards Aquifer Authority
EDYS	–	Ecosystem Dynamic Simulation
EGIS	–	Enterprise Geographical Information System
FEMA	–	Federal Emergency Management Agency
FWRS	–	Flood Warning and Response System
GIS	–	Geographic Information System
GPD	–	Gallons per Day
GWSW	–	Ground Water Surface Water
HEC	–	Hydrologic Engineering Center
IBI	–	Index of Biotic Integrity
ICM	–	Integrated Catchment Modeling
IGCR	–	Intergovernmental/Community Relations
ILA	–	Interlocal Agreement
LEED	–	Leadership in Energy and Environmental Design
LID	–	Low Impact Development
LIDAR	–	Light Detection and Ranging
LOMR	–	Letter of Map Revision
LSAR	–	Lower San Antonio River
MGD	–	Million Gallons per Day
MROC	–	Mission Reach Operations Center
NCD	–	Natural Channel Design
NPS	–	National Park Service
NRCS	–	Natural Resources Conservation Service
O&M	–	Operations and Maintenance
PCB	–	Polychlorinated biphenyls
QA/QC	–	Quality Assurance/Quality Control
RFP	–	Request for Proposal
RFQ	–	Request for Qualifications
RO	–	Reverse Osmosis
RWRDG	–	Regional Water Resource Development Group
SACIP	–	San Antonio Capital Improvement Projects
SAHA	–	San Antonio Housing Authority
SAR	–	San Antonio River
SARA	–	San Antonio River Authority (the River Authority)
SARB	–	San Antonio River Basin
SARIP	–	San Antonio River Improvements Project
SCADA	–	Supervisory Control and Data Acquisition
SCTRWPG	–	South Central Texas Regional Water Planning Group
SR	–	Stream Restoration
TBL	–	Triple Bottom Line
TCEQ	–	Texas Commission on Environmental Quality
TIF	–	Tax Increment Financing
TIRZ	–	Tax Increment Reinvestment Zone
TWDB	–	Texas Water Development Board
TxDOT	–	Texas Department of Transportation
UDC	–	Unified Development Code
USACE	–	US Army Corps of Engineers
USDA	–	US Department of Agriculture
USGS	–	US Geological Survey
WSC	–	Water Supply Corporation
WSM	–	Watershed Management
WSMP	–	Watershed Master Plan
WSO	–	Watershed Operations
WW	–	Wastewater
WWTP	–	Wastewater Treatment Plant



SAN ANTONIO

RIVER AUTHORITY

Leaders in Watershed Solutions