



SAN ANTONIO
RIVER AUTHORITY

A political subdivision of the State of Texas.

ANNUAL BUDGET DETAIL

Fiscal Year June 30, 2021

Vision

INSPIRING ACTIONS FOR
HEALTHY CREEKS AND RIVERS

Mission

COMMITTED TO SAFE, CLEAN, ENJOYABLE
CREEKS AND RIVERS





SAN ANTONIO

RIVER AUTHORITY

SAN ANTONIO RIVER AUTHORITY

ANNUAL BUDGET AND WORK PLAN

July 1, 2020 - June 30, 2021

Presented to the
Board of Directors

<u>Name</u>	<u>Title</u>	<u>County</u>
Darrell T. Brownlow, Ph.D.	Chairman	Wilson County
Jim Campbell	Vice-Chair	Bexar County, District 4
Lourdes Galvan	Secretary	Bexar County, District 2
Michael W. Lackey, P.E.	Treasurer	Bexar County, District 3
James Fuller	Executive Committee Member	Goliad County
Gaylon J. Oehlke	Executive Committee Member	Karnes County
Alicia Lott Cowley		Goliad County
John J. Flieller		Wilson County
Jerry G. Gonzales		Bexar County, District 1
Hector R. Morales		Bexar County, At-Large
Deb Bolner Prost		Bexar County, At-Large
H.B. "Trip" Ruckman III		Karnes County

Management Team

<u>Name</u>	<u>Title</u>
Suzanne B. Scott	General Manager
Stephen T. Graham, P.E.	Assistant General Manager
Melissa Bryant, P.E.	Director of Technical Services
Allison Elder	Director of Legal Services
Bruce E. Knott, MHR	Director of Human Resources
Steven Schauer	Director of Government and Public Affairs
Rick Trefzer, CMA	Director of Support Services
Abigail Bush, P.E.	Watershed Engineering Manager
Jennifer Crocker, CPA, CMA	Accounting and Budget Services Manager
Shaun Donovan	Environmental Sciences Manager
Kristen Hansen	Watershed and Park Operations Manager
Brian Mast	Government Affairs Manager
Amy Middleton, P.E.	Utilities Manager
Connie Real	Real Estate Manager
Tracey Tafoya	Brand and Public Communications Manager

PREPARED BY:

Shawna Arroyo, User Services Officer
Kevin Boeck, Senior Budget Analyst
Jennifer Crocker, Accounting and Budget Services Manager
Bruce Knott, Director of Human Resources
Sally Medellin, Budget Analyst
Sharon Otholt, Budget Analyst
Greg Rafert, Project & Planning Services Administrator
Rick Trefzer, Director of Support Services
Amy Zola, Project & Planning Services Administrator



SAN ANTONIO

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SAN ANTONIO

RIVER AUTHORITY



June 17, 2020

To the San Antonio River Authority Board of Directors:

The San Antonio River Authority's FY 2020-21 (FY21) Proposed Budget and Work Plan is presented for your consideration. The Proposed Budget is balanced and focused on supporting the mission, goals and objectives of the San Antonio River Authority's (River Authority). Projects and departmental operating activities included in the Work Plan for FY21 provide services to the citizens and stakeholders throughout the district.

Annually, staff begins the budget development process with strategic planning sessions including stakeholders from across the organization and the Board of Directors (Board). This year's process placed emphasis on how to more clearly communicate our goals and objectives to internal and external audiences throughout the district. The River Authority's Strategic Plan has transitioned to the pillars "Safe, Clean, and Enjoyable" to improve messaging and strengthen the alignment to the mission.

Vision Statement

Inspiring Actions for Healthy Creeks and Rivers

Mission Statement

Committed to Safe, Clean, Enjoyable Creeks and Rivers

The agency goals and objectives are outlined within the Strategic Plan provided within the Budget Overview section of the Annual Detailed Budget Book (Budget Book). Resources necessary to complete plan's objectives and the proposed level of service are detailed throughout the Budget Book. Progress toward the objectives is tracked quarterly and reported to the designated Board committees. The following outlines significant issues and priorities taken into consideration in assembling the FY21 Proposed Budget.

In March 2020, the budget development process took an unexpected turn as the country began to respond to the effects of Coronavirus (COVID-19). The full economic impact resulting from the pandemic is still unknown, but it was a large consideration as decisions related to the final quarter of FY20 and planning for FY21 were made. Financial and operational impacts became visible in the fourth

**EXECUTIVE
COMMITTEE**

CHAIRMAN

Darrell T. Brownlow, Ph.D.

VICE-CHAIR

Jim Campbell

SECRETARY

Lourdes Galvan

TREASURER

Michael W. Lackey, P.E.

MEMBERS AT-LARGE

Gaylon J. Oehlke

James Fuller, M.D.

BOARD OF DIRECTORS

BEXAR COUNTY

District 1

Jerry G. Gonzales

District 2

Lourdes Galvan

District 3

Michael W. Lackey, P.E.

District 4

Jim Campbell

At-Large

Hector R. Morales

Deb Bolner Prost

WILSON COUNTY

John J. Flieller

Darrell T. Brownlow, Ph.D.

KARNES COUNTY

H.B. Ruckman, III

Gaylon J. Oehlke

GOLIAD COUNTY

James Fuller, M.D.

Alicia Lott Cowley

GENERAL MANAGER

Suzanne B. Scott

quarter of FY20. Due to stay at home orders imposed, key services provided by the River Authority such as trail usage, and associated maintenance, and wastewater services saw a spike in utilization, while other general operations adapted as employees worked remotely.

Staff has reviewed historical information from the most recent financial crisis (2008) to help inform what can be expected as the national and regional economies begin to recover from the economic downturn experienced in the wake of the pandemic. The development of scenarios, assumptions, future service levels, and other inputs have been reviewed closely by the Board and staff as part of financial forecast framework. It is still too early to fully understand how long and deep the financial disruption could be, but the Board and staff have developed options within the FY21 Budget to delay, reduce or eliminate expenditures and will continue to monitor events to determine how financial planning decisions may need to be adjusted.

Budget Summary

The direction of the Proposed Budget is informed by dialogue with the Board and other stakeholders. The Budget Book provides details and analysis related to revenues and expenditures for the River Authority. Total appropriations proposed are \$374.4 million across all Funds. The Budget Book Table of Contents outlines the major sections of information that make up the FY21 Annual Budget. Under the Budget Overview section, summary information, graphs, and budget analysis are available. For additional detail and explanation, information is grouped by Fund type and Projects under the respective sections.

The General Fund appropriations support personnel expenses, operations expenses, such as supplies and contracted services, and capital outlay for equipment purchases that support maintenance and improvements. Although there is a level of uncertainty for future revenues not seen in recent years, staff feels confident that services and project funding proposed through the annual budget process are supported without adjustment of the existing property tax rate of \$1.858 cents per \$100 in valuation. The Proposed Budget includes appropriation to continue the base level of service and recommends New Resources for FY21:

New Resources

- Personnel: \$953,948
- Operations: \$697,737
- Capital: \$443,000
- Projects: \$3,972,269

Appropriations within Utilities Funds increase for FY21, as compared to FY20, driven by the demand for services related to development within the service area and authorization of construction and improvements (C&I) activity within the three wastewater systems managed by the River Authority. Utility rates continue to follow agreed upon projections made three years ago to support plant capacity expansions. The Proposed Budget supports ongoing departmental activity and the advancement of the Capital Improvement Program:

New Resources

- Personnel: \$63,098
- Operations: \$542,000
- Capital: \$550,500
- Capital Improvement Projects: \$15,595,000

The River Authority has 62 active projects across the General Fund, Park Resources Development Fund, Grants Fund, Utility enterprise funds and other capital project funds, in the FY21 Proposed Budget. The projects' activities are focused regionally, expand the River Authority's expertise, promote appreciation of the river, and advance sustainability and environmental stewardship. The full detail for projects is available for review in the Project Section.

Key Issues

A primary consideration for the FY21, and major component to planning for future fiscal year annual budgets, will be the impact on property valuations throughout the district that may result from the economic downturn in response to the pandemic as well as the simultaneous impact to the oil and gas industry from the drastic reduction in the value and demand for petroleum products. Additionally, the negative economic impact will also impact the River Authority's governmental funding partners and the communities served by the River Authority. The consequence of changes in funding resources could potentially delay future programs or adjust priorities. Initial information indicates that the economic impact of the pandemic is already being considered by appraisal districts. Bexar County is anticipating another record amount of property value protest. Karnes County is taking a very conservative approach to how mineral values will settle. Wilson County is also expecting a decline in values coming from valuation protest. While Goliad County is projecting moderate growth in the values for the county. In July, certified property values will be provided and presented in August and September as action is taken on the tax rate.

Beyond property taxes, the River Authority is sensitive to the impact to communities and citizens as recommendations for FY21 fee schedules were developed, such as charges for wastewater services. Where possible the River Authority has tried to hold fees and charges steady, unless specific business objectives require adjustment (e.g. debt service obligations). Over the last several fiscal years staff have been strategically managing rate adjustments within the utilities enterprise, specifically the Salitrillo Wastewater system, to find a balance between competitive rates and the ability to fund future capital needs.

Key Priorities

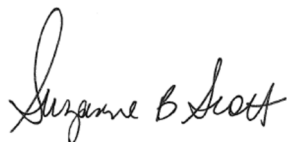
Several priorities within the FY21 Proposed Budget are projects that have spanned multiple fiscal years. Staff is diligently working on projects and other activities focused on Safe, Clean,

and Enjoyable Creeks and Rivers. The upcoming fiscal year anticipates the completion of major projects such as the Floodplain Remapping, Predictive Flood Modeling, and Escondido Creek Parkway that were initiated through an accelerated effort in FY19. As these projects near their respective ends, projects such as Watershed Master Plans, using data produced through Floodplain Remapping efforts, expansion of both the Salitrillo and Martinez IV wastewater treatment plants, facility improvements, and master planning River Authority park property move to the front burner. Ensuring the proper resources are available for the initial and ongoing responsibilities, where they apply, upon execution is a priority.

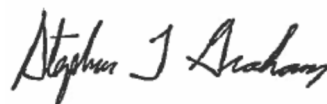
Operationally, the level of service for the River Authority is expanding as a direct result of projects that will successfully finish a phase or close. Highly visible projects such as San Pedro Creek Culture Park phase 1.2 and Escondido Creek Parkway transition from capital to new operation expenditures. Investments in best management projects aimed at addressing water quality impacts of development are planned to evolve to include an operation and maintenance component. Direct interaction with the communities throughout the district via events, such as the household hazardous waste program, and programs, to include stream restoration and downstream grant programs, continue to build upon past successes. Finally, the River Authority benefits and relies heavily on technology across all lines of business. Ensuring that the necessary technology is in place and properly renewed over time is key to the success of the organization.

Conclusion

The River Authority continues our commitment to Safe, Clean, and Enjoyable Creeks and Rivers. Through our comprehensive and deliberate budget process and collaboration with the Board, we believe the Proposed Budget positions the River Authority well to advance the mission of our agency. 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.



SUZANNE B. SCOTT
General Manager



STEPHEN T. GRAHAM
Assistant General Manager



RICK TREFZER
Director of Support Services



SAN ANTONIO
RIVER AUTHORITY

STRATEGIC PLAN FISCAL YEAR 2021-23

COMMITTED TO SAFE, CLEAN,
ENJOYABLE CREEKS & RIVERS



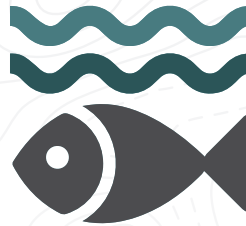
SAFE

OBJECTIVE 1: Complete comprehensive plans targeting flooding, water quality and threatened ecosystems

OBJECTIVE 2: Promote awareness and use of engineering and scientific data to protect life and property

OBJECTIVE 3: Utilize our expertise to implement improvement projects that contribute to safer creeks and rivers

OBJECTIVE 4: Drive demand for and use of sustainable development practices to protect the health and safety of the basin



CLEAN

OBJECTIVE 1: Implement ecosystem restoration and habitat protection projects to support more livable and resilient communities

OBJECTIVE 2: Complete studies and water quality monitoring to support science-based decision making

OBJECTIVE 3: Invest in projects and incentives that improve water quality within the basin

OBJECTIVE 4: Provide wastewater treatment utility services to support the vitality of the communities we serve



ENJOYABLE

OBJECTIVE 1: Deliver engaging programs and events that activate parks and trails while growing stewardship and appreciation of natural resources

OBJECTIVE 2: Advance improvements to parks and trails to create welcoming public places that provide quality experiences that contribute to the health and wellbeing of communities

OBJECTIVE 3: Build awareness and advocacy for the River Authority's mission through community partnerships and citizen engagement

OBJECTIVE 4: Support programs and projects to reduce trash, pollutants, and other debris in the river watershed

CULTURE

To harmonize the needs of people and nature through our stewardship of rivers and land

Trust is the foundation of our communication

Results are the foundation of our effectiveness

Impact is the foundation of our performance

People & Public Service are the foundation of our organization

Strategy is the foundation of our decision making





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RIVER AUTHORITY

**Bexar County
At Large**
Hector R. Morales



**Bexar County
At Large**
Deb Bolner Prost



**Bexar County
District 3**
Michael W. Lackey, P.E.



**Bexar County
District 4**
Jim Campbell



Wilson County
John J. Flieller



Karnes County
H.B. Ruckman, III



Goliad County
James Fuller, M.D.



BEXAR

WILSON

KARNES

GOLIAD

**Bexar County
District 2**
Lourdes Galvan



**Bexar County
District 1**
Jerry G. Gonzales



Wilson County
Darrell T. Brownlow, Ph.D.



Karnes County
Gaylon J. Oehlke



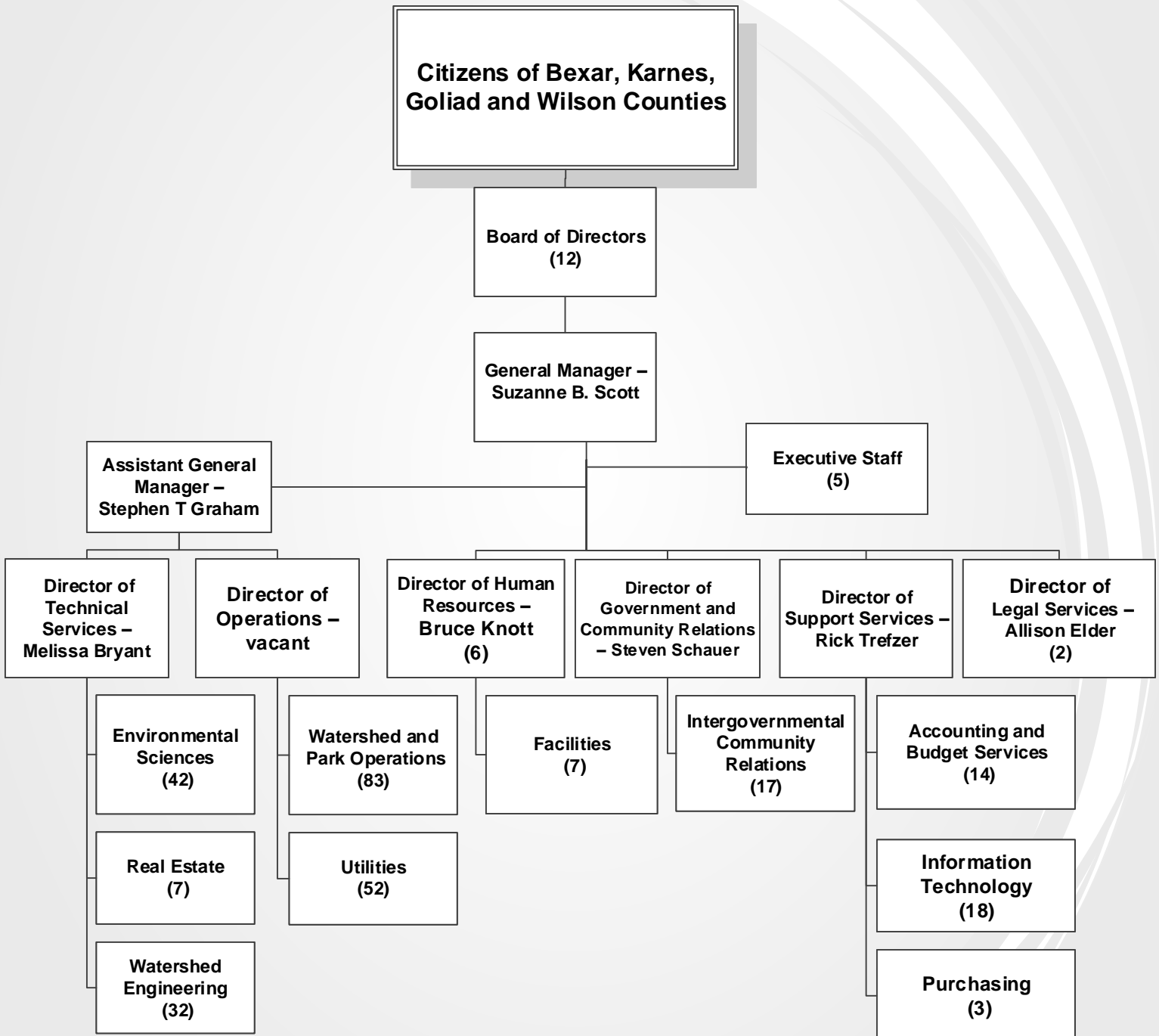
Goliad County
Alicia Lott Cowley





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GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

**San Antonio River Authority
Texas**

For the Fiscal Year Beginning

July 1, 2019

Christopher P. Morill

Executive Director



SAN ANTONIO

RIVER AUTHORITY

BUDGET OVERVIEW



San Antonio River Walk
San Antonio, Bexar County



Budget Guide

Overview

This overview is designed to assist the reader in the use and comprehension of the San Antonio River Authority's (River Authority) FY 2020-21 Annual Budget Detail book. The Adopted Budget serves as a policy document, a financial tool, a work plan and a communications device for the River Authority. It is the foundation for the River Authority's allocation of resources in support of the mission of "Committed to Safe, Clean, Enjoyable Creeks and Rivers."

The Budget Document is arranged in seven sections that are separated by their respective tabs. Below is a brief description of the materials found in each of the sections:

- Budget Overview
- General Fund
- Utility Funds
- Special Revenue and Other Funds
- Capital Project Funds
- Projects
- Appendix

Budget Overview – This section is intended to give the reader a high-level overview of the FY 2020-21 Adopted Budget. It contains the Budget Guide, Budget Summary, New Resources, Revenue Summary, and an All Funds Summary.

General Fund – This section is organized by department within the General Government and Program Support and Services functions and is intended to give the reader a better understanding of the kind of services provided by each department. Individual department summaries contain an organizational chart, the department vision and mission, description, department goals, appropriations, new resources, and departmental efforts.

Utility Funds – This section is intended to give the reader a better understanding of the kind of services provided by Utilities Department and the sources of funding that support these services. This includes both operations and maintenance expenditures, debt service, and construction and improvements expenditures. Individual summaries contain a description, appropriations, new resources, and fiscal analysis. Also included is the department organizational chart, vision and mission statement, and department goals.

Special Revenue and Other Funds – This section consists of the River Authority’s eight Special Revenue Funds, Debt Service Fund, and Insurance Fund. It is intended that the reader will obtain high-level information about each funding source and the activity taking place in each of these funds. All grants awarded to the River Authority are captured in the Grants Fund, which is included in this section.

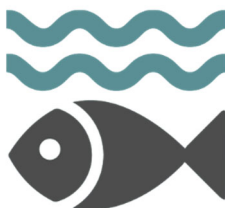
Capital Project Funds – This section consists of the River Authority’s ten capital project funds. Within this section the reader will find a description of the fund and the budget information for each project. The River Authority utility capital funds, which includes the Utility’s Ten-Year Capital Improvement Plan, is included in the Utility Funds section. For more detailed information on specific projects readers can refer to the Projects section of this annual detail budget book.

Projects – Sixty-two (62) projects are recognized in the FY 2020-21 Adopted Budget. A detailed project sheet has been included for all projects in this section, except for CTP Risk Map Lower Cibolo and Lower Medina. The detailed project sheets assist in: identifying the project location, identifying the goal(s) of the project, identifying the various sources of funding, and delineating the progress in prior years, if applicable. The ‘Adopted Budget’ amount reflected on each page is the total funded project amount.

These projects are assigned to one of three Strategic Plan Goals that are managed by a Goal Leaders with authority to direct the projects within their portfolio. Goal Leaders are responsible for developing annual objectives, reporting progress, and are responsible to the River Authority management staff for achieving programmatic results. These three Strategic Plan Goals include:



SAFE



CLEAN



ENJOYABLE

Appendix – This section is designed to assist the reader in obtaining additional information. It contains the Supplemental Memo to Budget Order, Budget Order, Community and Economic Information, Notes Receivables, Position Listing, Pay Plan, a Glossary, and Abbreviations and Acronyms.

FY 2020-21 Budget Development

The graphic below shows the River Authority's planning, forecasting and budget development process as well as the year-long activities that manage and report on the success of the annual budget and program. Each step is described following the graphic.



Strategic Planning Process:

Under the policy and fiscal guidance of the Board of Directors, the River Authority's executive and management team begin 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 and work plan. It includes the River Authority's vision and mission statements, core values, agency goals, annual objectives, strategic opportunities and action items. These objectives, opportunities and action items are reflected throughout the budget development process and budget documents.

Financial Planning and Management Process:

The River Authority's comprehensive Financial Planning and Management Process implements the strategic plan and includes the following activities:

- The River Authority staff prepares and submits a comprehensive **annual operating budget and work plan that includes capital improvement projects** in accordance with the River Authority's strategic plan and the Board's policy direction. Available funding is allocated to provide the resources needed to accomplish the plan.
- Staff prepares/updates a ten-year capital improvement plan for the wastewater utility as well as a **five-year forecast** for the General Fund to provide the Board with projections of the River Authority's financial position during this period. The forecast is based on a set of assumptions. If the assumptions change, the forecast will change.
- Departments are held accountable for management and implementation of their budgets and work plans. Finance staff also **monitors the budget** to ensure that functions and activities stay within the budget appropriations. Staff also reports quarterly to the Board of Directors on the status of the budget versus expenditures as well as on the strategic plan action items' progress. During the year, if priorities change or new opportunities arise, the budget is amended to reflect these changes.
- At the end of each fiscal year, an outside audit is completed and the **comprehensive annual financial report (CAFR)** is prepared and presented

Budget Amendments

The annual budget as adopted by the Board of Directors controls expenditures by fund and fiscal year for the General Fund, Utility Operating Funds, most Special Revenue Funds, Debt Service Fund, and Insurance Fund. Throughout the fiscal year the Board of Directors may approve budget adjustments that increases the total appropriation in a Fund. The Board of Directors may also approve any transfer from any reserve account for all Funds as well as allocation of budget to a project not approved in the adopted budget. The expenditures of the River Authority shall not exceed the total appropriation of the fiscal year. For more information on the Budget Amendment Process see the Budget Order located in the Appendix.

Budget Basis

The River Authority's budgets are developed on a **cash basis**. Revenues are recognized only when collected and expenditures are recognized when paid. The River Authority annually adopts a balanced budget – meaning that total budgeted expenditures do not exceed total available funds (a combination of beginning fund balance and projected revenues). The River Authority appropriates all available funds, including projected ending fund balances so that they can be used in the event of extraordinary, unexpected occurrences such as floods or hurricanes. Beginning fund balance is the amount of money available from the prior fiscal year (excess revenues over the amount actually expended in that year). It is accounted for and, as stated, can be appropriated annually.

Appropriations in the capital improvement funds, grant funds and some other project driven funds are made on a **project basis** (from inception to completion) rather than on an annual basis and are carried forward until the projects are completed. Except for project and grant appropriations, or for encumbrances outstanding in any fund, unused appropriations lapse at the end of each fiscal year.

Budget Control

The River Authority maintains budgetary control of its operating accounts using various funds. A "fund" is a self-balancing set of accounts with identifiable revenue sources and expenditures. It is segregated for the purposes of measuring a specific activity. The Adopted Budget appropriates funds using the following expenditure groups. Capital expenditures are defined as the purchase of an asset where the total cost of an item is \$5,000 or greater.

- Personnel Expenditures
- Operating Expenditures
- Capital Expenditures
- Transfers
- Debt Service
- Contingency

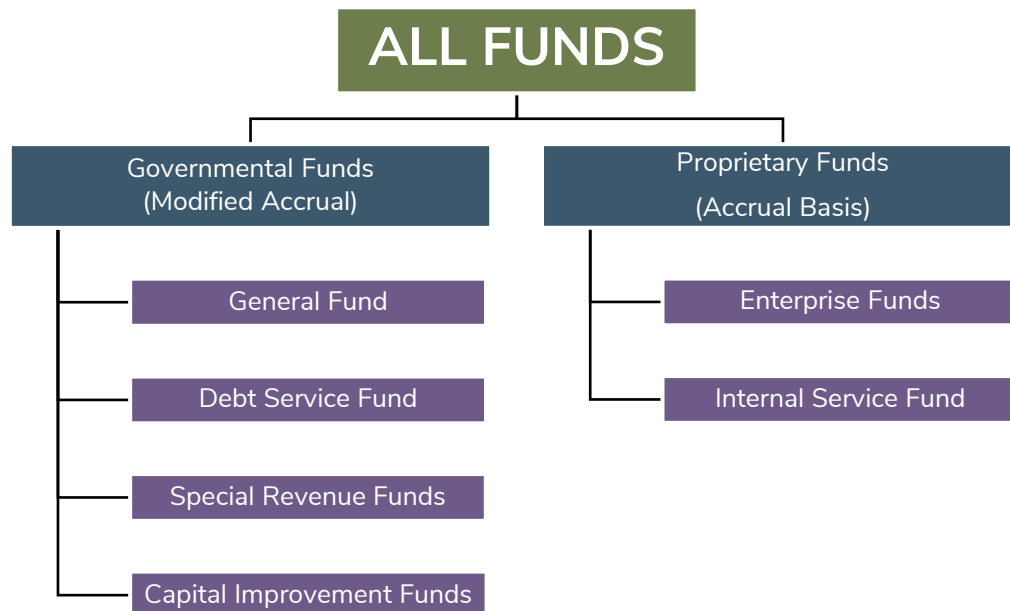
Each expenditure group is the sum of individual, similar line item allocations. This presentation of budget data is designed to provide departments with detailed information but with greater flexibility in the management and control of their budgets. This system reduces unnecessary bureaucratic control while continuing to provide sound financial and management information. Although budgetary data is presented in the budget document according to expenditure group, detailed line item information has been input into the River Authority's financial management system.

Accounting Basis

The Comprehensive Annual Financial Report (CAFR) shows the status of the River Authority's finances on a basis of Generally Accepted Accounting Principles (GAAP). All Governmental Funds are accounted for using the **modified accrual basis** of accounting. Revenues are recorded in the fiscal year in which they are available and measurable, and expenditures are recorded in the fiscal year when the services or goods are received, and the liabilities are incurred. In addition, encumbrances are recorded during the year. Property tax revenues are susceptible to accrual and are considered available to the extent collected within sixty days after the end of the fiscal year. Proprietary Funds are accounted for using the **accrual basis** of accounting. Revenues are recognized when earned and expenses when they are incurred.

Fund Structure

The River Authority has two kinds of funds, **Governmental Funds** and **Proprietary Funds**. The Governmental Funds includes most of the River Authority's basic services while the Proprietary Funds support business type activities. The chart below represents the various fund types contained within the River Authority's Adopted Budget, including their budgetary basis.



Governmental Funds

Most of the River Authority's basic services are included in governmental funds such as the General Fund Departments and Special Revenue Funds. These funds focus on how cash and other financial assets can readily be converted to cash flow in/out and on the balances left at year-end and available for spending. The River Authority has 20 individual governmental funds that includes eight special revenue funds and ten capital project funds, which are listed below.

General Fund (Departments)	Special Revenue Funds	Capital Improvement Project Funds
<ul style="list-style-type: none"> •Board of Directors •Environmental Sciences •Facilities •Finance •Human Resources •Information Technology •Intergovernmental and Community Relations •Organizational Support •Real Estate •Watershed Engineering •Watershed and Park Operations 	<ul style="list-style-type: none"> •Edwards Water Acquisition/RWRDG Fund •Grants Fund •Park Resources Development Fund •Regional Water Alliance Fund •San Antonio CIP Land Sales Fund •SARA Public Facilities Corporation Fund •SARA Industrial Development Authority Fund •South TX Regional Water Planning Group Fund 	<ul style="list-style-type: none"> •SARA Capital Projects Fund •Bexar County CIP Projects Fund •Bexar County Capital Projects Fund •Bexar County SARIP Flood Tax Fund •Bexar County Westside Creeks Fund •City of San Antonio CIP Fund •City of San Antonio Westside Creeks Fund •Downstream Capital Improvement Projects Fund •Medina Dam Fund •Other Capital Projects Fund

Proprietary Funds

The River Authority maintains two types of proprietary funds – enterprise funds and internal service funds. Enterprise Funds support business type activities in which the River Authority engages, all related to wastewater collection and treatment services. These activities are classified as enterprise funds because their revenues are derived from collecting fees from only those constituents that benefit from the service provided. These fees are based on a cost of service study and are meant to only recover the cost to provide this service. There are six enterprise funds, three operating funds and three capital improvement funds. Internal service funds report activities that provide supplies and services that benefit governmental functions, programs and activities of the River Authority. Currently, the River Authority's Insurance Fund is the only internal service fund.

Enterprise Funds (Utilities Department)	Internal Service Fund
<ul style="list-style-type: none">•Randolph Air Force Base Operating Fund•Salitrillo Operating Fund•San Antonio River Authority Wastewater Systems Operating Fund•Randolph Air Force Base Renewals and Replacements Fund•Salitrillo Construction and Improvements Fund•SARA Wastewater Construction and Improvements Fund	<ul style="list-style-type: none">•Insurance Fund

Major Funds

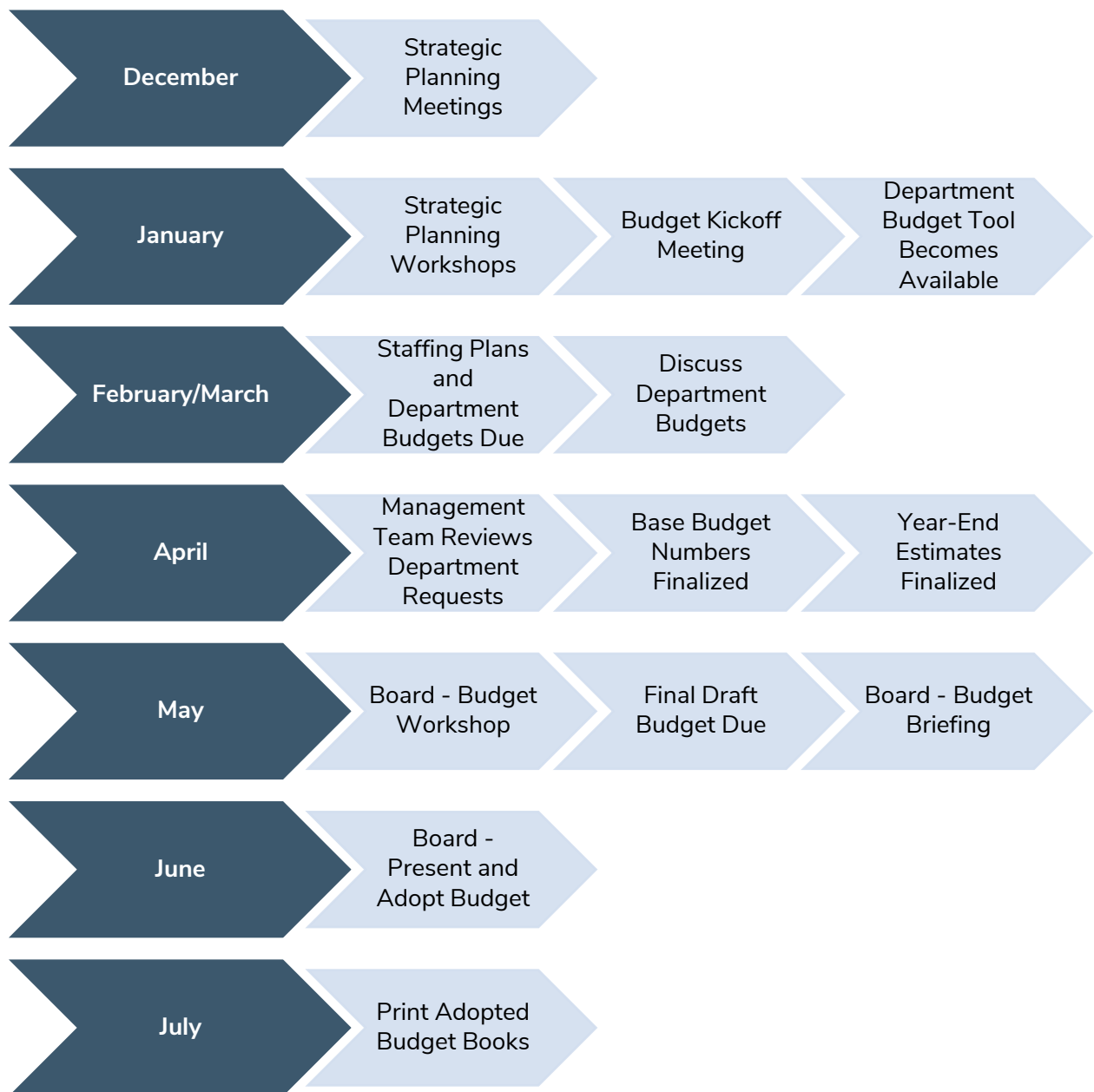
Funds are separated into either major funds or non-major funds. Any fund whose revenue or expenditures constitute more than 10% of the revenues or expenditures of the appropriated budget are considered major funds. These funds are identified below.

- General Fund
- Bexar County Westside Creek Restoration Projects Fund
- SARA Wastewater Construction and Improvements Fund
- Salitrillo Construction and Improvements Fund

A description of each of the River Authority's active funds (or groups of funds) that account for all the River Authority's revenues and expenditures can be found on the fund pages in the General Fund, Utility Funds, Special Revenue and Other Funds, and Capital Project Funds sections.

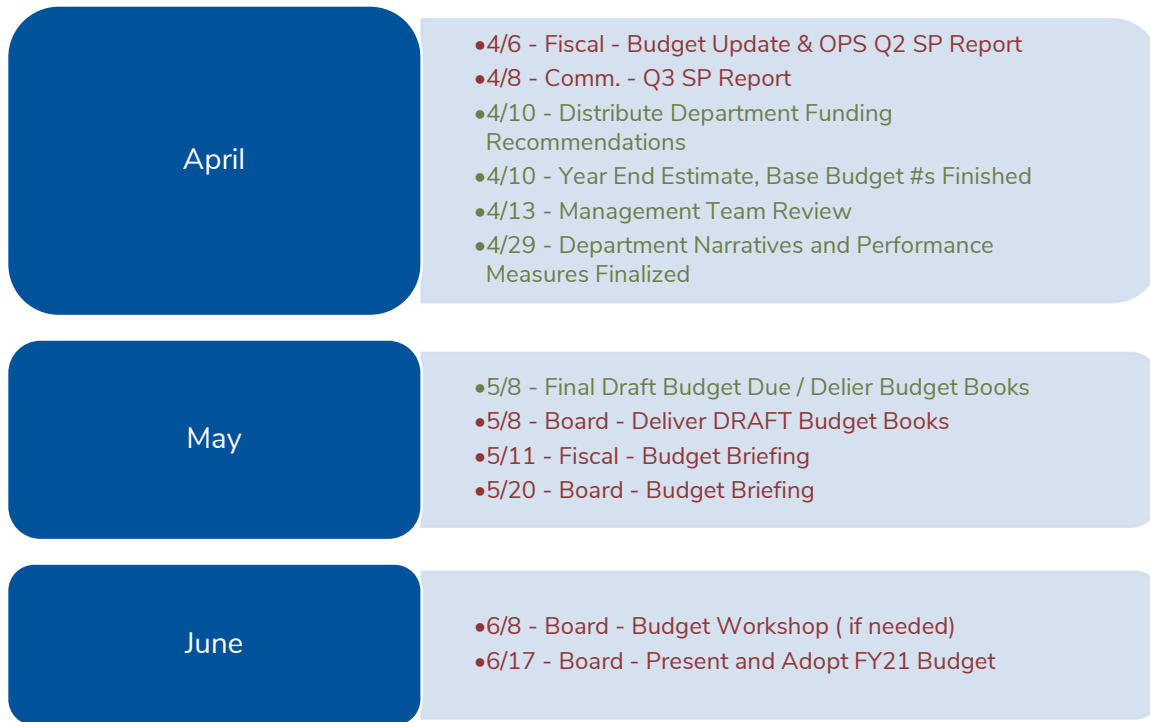
FY 2020-21 Budget Process

The budget process kicks off with Strategic Planning sessions in December. Following strategic planning departments begin building their departmental budgets and work plan while project managers begin the process for proposing a new project or requesting additional funding for an active project. In April the management team reviews the requested budgets and the proposed budget is finalized. The River Authority Board of Director's is given the proposed budget in May and adopts the budget in June. The following is a more detailed general calendar for the budget development process.

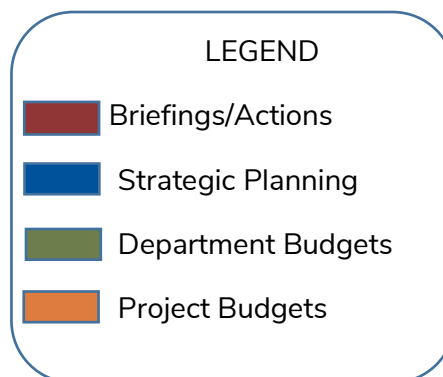


FY 2020-21 Budget Development Coordination Calendar

July	<ul style="list-style-type: none"> •Fiscal Year Begins
August	<ul style="list-style-type: none"> •8/12 - Fiscal & Ops. - Q4 SP Report •8/14 - Comm. - Q4 SP Report
September	
October	<ul style="list-style-type: none"> •10/7 - Fiscal & Ops. - Q1 SP Report
November	<ul style="list-style-type: none"> •11/26 - Strategic Plan Process Overview (Manager Meeting)
December	<ul style="list-style-type: none"> •12/11 - Comm. - Q1 SP Report •12/2 - 12/6 - Strategic Plan Department Goal Meeting •12/9 - 12/13 - Strategic Plan Focused Goal Meetings
January	<ul style="list-style-type: none"> •1/6 - Fiscal - Budget Process Briefing & OPS Q2 SP Report •1/10 - SP Workshop 1 (MROC) Mid-Year Review •1/13 - Dept. Budget Tool Available •1/13 - Project Development Packet Available •1/28 - SP Workshop 2 (Boardroom) / FY21 Budget Kickoff Meeting •1/28 - Budget Kickoff (Managers Meeting) •1/31 - Project Idea Submission Deadline
February	<ul style="list-style-type: none"> •2/3 - Project Budget Kickoff/Tool Available •2/10 Special Board - Budget Workshop •2/20 & 2/21 - Project Reviews - Scope, Schedule, and Budget •2/21 - Staff Plans (HR) & Department Budgets Due
March	<ul style="list-style-type: none"> •3/2 - 3/6 - Discuss Department Budgets (Mgr. & Directors) •3/6 - Project Budget Tools Due •3/23 - Project Evaluation •3/30 - Executive Team Budget Brief



*Deliver Final Budget Books by mid-July

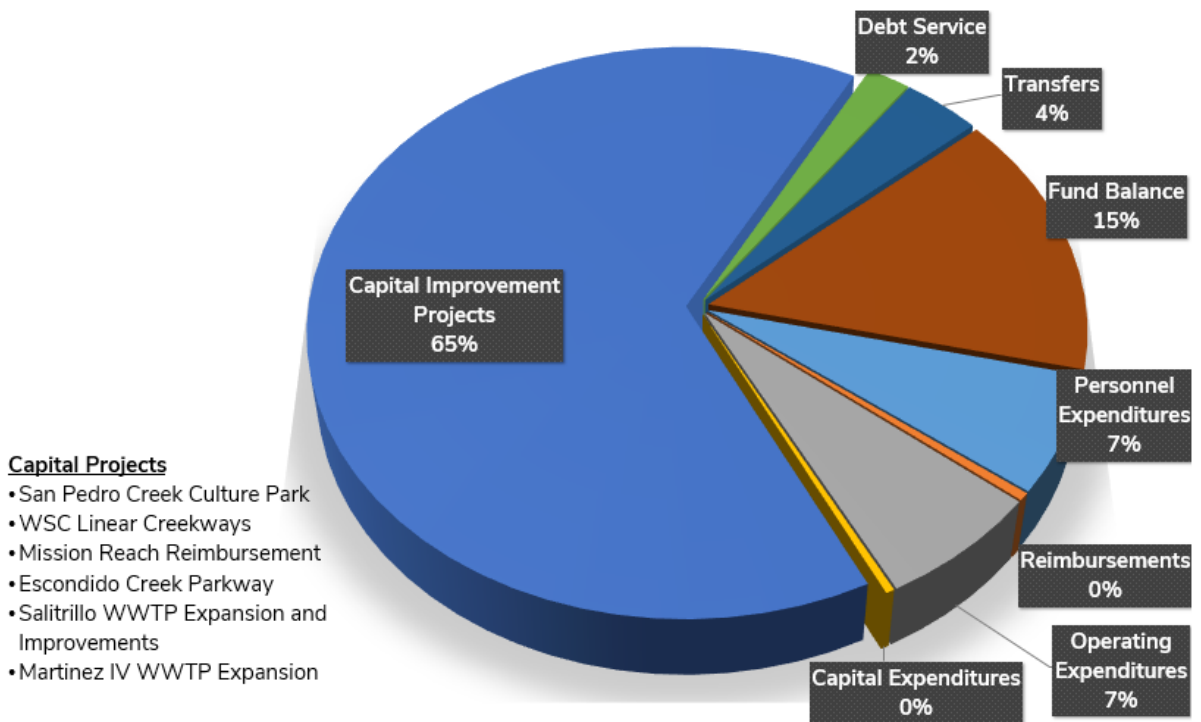




Fiscal Year 2020-21 Adopted Budget Summary

The FY 2020-21 appropriations total is \$374,367,933 which include reserves of \$56,590,458. Expenditures across all funds total \$317,777,475 which is six percent less than the FY 2019-20 Amended Budget.

Total Appropriations: \$374,367,933



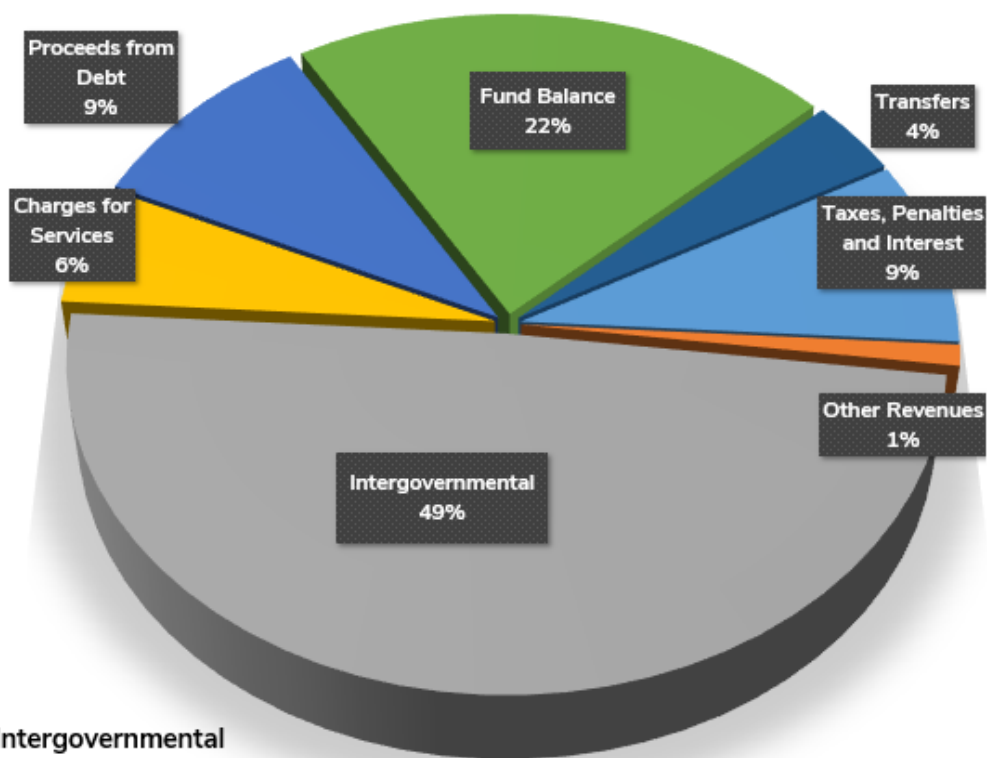
Personnel Expenditures	\$	25,186,902
Reimbursements		(1,654,188)
Operating Expenditures		25,015,141
Capital Expenditures		1,302,298
Capital Improvement Projects		246,465,487
Debt Service		7,551,160
Transfers		13,910,675
Fund Balance		56,590,458
Total Appropriations	\$	374,367,933

Revenues for FY 2020-21 are \$292,723,995 when all funds are included. Of this amount, \$36,641,754 are total General Fund revenues with \$33,770,377 or 92 percent from property tax collected by the River Authority. A significant portion of the total available revenue is attributed to debt financing or external funding that support major capital improvement projects authorized through the budget adoption.

Total Available Funds: \$374,367,933

Proceeds From Debt

- Salitrillo WWTP Expansion
- Martinez IV WWTP Expansion



Intergovernmental

- Bexar County
- City of San Antonio
- Grants

Taxes, Penalties and Interest	\$	33,770,377
Other Revenues		3,812,630
Intergovernmental		183,422,974
Charges for Services		21,807,344
Proceeds from Debt		36,000,000
Fund Balance		81,643,937
Transfers		13,910,671
Total Available Funds	\$	374,367,933

FY 2020-21 Adopted Budget Appropriations

All Funds\$374,367,933

General Fund\$48,764,472

Utility Operating Funds

San Antonio River Authority Wastewater Systems Operating Fund.....\$18,037,707

Salitrillo Operating Fund \$9,293,012

Randolph Air Force Base Fund.....\$806,277

Special Revenue Funds

Edwards Water Acquisition/RWRDG\$401,008

Grants Fund \$6,092,616

Park Resources Development.....\$281,511

Regional Water Alliance..... \$32,022

San Antonio Construction Improvements Project Land Sales.....\$226,216

San Antonio River Authority Public Facilities Corporation \$5,176,436

San Antonio River Authority Industrial Development Authority.....\$6,000

South Texas Regional Water Planning Group.....\$231,091

Other Funds

Debt Service \$6,099,409

Insurance Fund \$5,525,832

Capital Project Funds

San Antonio River Authority Projects.....\$20,630,467

Bexar County Capital Improvements Program Projects.....\$202,181

Bexar County Capital Projects\$397,373

Bexar County Flood Tax\$26,460,312

Bexar County Westside Creeks Restoration Projects.....\$112,360,214

City of San Antonio Capital Improvements Projects..... \$2,880,900

City of San Antonio Westside Creeks Restoration Projects\$19,689,663

Downstream Capital Improvement Projects\$371,393

Medina Dam.....\$160,000

Other Capital Funds \$9,875,879

Randolph Air Force Base Renewals and Replacements Fund \$3,112,456

Salitrillo Construction and Improvement Projects\$37,009,867

SARA Wastewater Systems Construction and Improvement Projects.....\$40,243,622

Budget Summary

Five-Year Financial Forecast

As part of the budget development process, the River Authority prepared a Five-Year Financial Forecast, which projects revenues and expenditures for the General Fund. The Five-Year Forecast, a tool used to identify potential funding challenges, provides the River Authority Board of Director's a preliminary outlook of the River Authority's financial position. The forecast exercise was helpful in budget workshops as the economic conditions quite possibly will impact future fiscal years. Below are the projected financials with descriptions of the major assumptions used and discussed during the process.

General Fund Five-Year Financial Forecast (\$ in Millions)

General Fund	FY 2021 Adopted Budget	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Beginning Balance	\$ 12.1	\$9.1	\$8.9	\$8.0	\$7.4	\$8.4
Revenue						
Property Tax	33.8	34.3	34.3	36.0	37.8	39.7
Intergovernmental	0.25	0.29	0.28	0.24	0.20	0.20
Charges for Services	0.49	0.49	0.49	0.49	0.49	0.49
Support Fees	1.9	2.0	2.0	2.1	2.1	2.1
Miscellaneous	0.04	0.04	0.04	0.04	0.05	0.05
Investment Income	0.18	0.18	0.18	0.18	0.18	0.18
Total Revenue	\$36.6	\$37.3	\$37.3	\$39.1	\$40.8	\$42.7
Base Operating Expenditures						
All Operating Expenditures	\$33.7	\$32.8	\$33.8	\$35.3	\$36.2	\$37.2
Debt Service Transfers	1.9	1.9	1.9	1.6	1.1	1.1
SARA Project Fund Transfers	4.0	2.5	2.5	2.5	2.5	2.5
Election Expense	-	0.25	-	0.25	-	0.25
Total Operating Expenditures	\$39.6	\$37.5	\$38.2	\$39.7	\$39.8	\$41.1
Ending Balance	\$9.1	\$8.9	\$8.0	\$7.4	\$8.4	\$10.0

Forecast Revenues – Major revenue assumptions in the forecast include uncertainty around property tax growth over the next two to three fiscal years. Information gathered from other taxing entities and appraisal districts indicates that valuations will decline in the near term. FY21 growth in Bexar County was adjusted down to 2.5% from 5.5% to hedge against protested valuations. Impacts related to COVID-19 will be reflected in 2021 property values. Additionally, a decrease in reimbursements (Intergovernmental) is expected from project management work as several large, externally funded, projects are nearing completion.

Forecast Expenditures – The forecast reflected the annual projected expenditures required to sustain the Fiscal Year 2020-21 level of service along with upcoming operations and

Budget Summary

maintenance responsibilities. Increases are primarily attributed to personnel cost such as salaries and employee benefits, to included medical. Transfers that support projects accounted for in the SARA Project Fund is shown as a reduction as compared to prior fiscal years. The base operating expenditures forecast does not include operations and maintenance expenses that are anticipated to occur in the five-year window. Staff will be working on various scenarios and developing expenditure estimates to further build out the five-year forecast to better inform the decision making for future years.

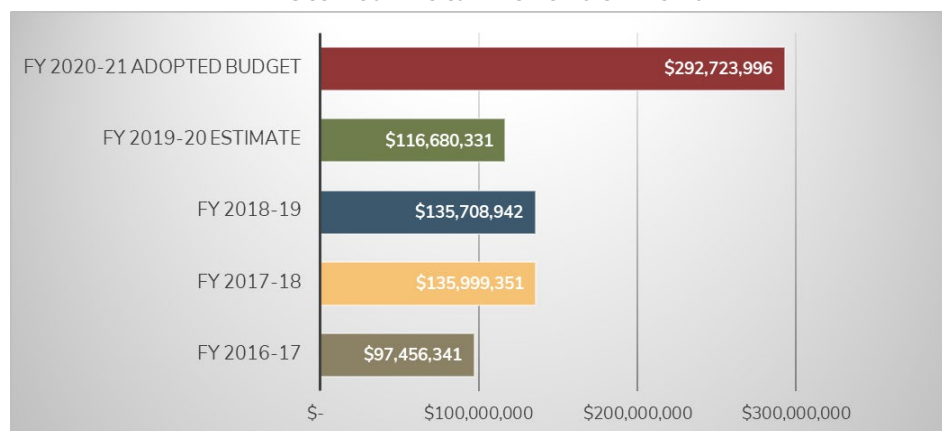
Forecast Results – The FY 2022 to FY 2026 Forecast was based on a balanced budget in the General Fund in FY 2020-21. Over the forecast period the General Fund was balanced and reflected the target of a 25% General Fund reserve in all the years, except for FY 2023 to FY 2025.

Revenues

Revenues are a key component of the budget process so staff spends considerable time evaluating current revenues, trends from prior fiscal years and factors in changes that will impact revenues in the budget year to determine the budgeted revenue levels. Below is analysis of major fluctuations year over year and other key information related to revenues by fund and major category. 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 the annual budget.

Total revenues are budgeted to decrease by over \$33 million, or 11%, in comparison to the FY 2019-20 Amended Budget revenues. The River Authority has three main sources of revenue – property taxes, intergovernmental revenue, and charges for services. These categories compose between 75% and 90% of all revenue over the five years presented in the graph below. Since projects are managed by project life rather than fiscal year the River Authority recognizes the full remaining budget on the General Ledger as of March 31st in the FY 2020-21 Beginning Balance. This results in a much larger budget as compared to the actuals as some of the larger projects, like San Pedro Creek Culture Park, have an ending date that extends to FY 2024-25.

Historical Total Revenue Trend



Note: The FY 2020-21 Adopted Budget of \$318 million represents total remaining funding for all expenditures, including capital improvement projects that extend to future fiscal years.

Budget Summary



Taxes, Penalties, and Interest: The River Authority is required to adopt the annual budget prior to receiving the certified property values from the appraisal districts on or before July 25th each year. Therefore, the River Authority sets the property tax rate post-budget adoption. Ad valorem property tax revenues are developed using historical actuals and trends to project estimates for the current year as well as preliminary values provided by the four counties (Bexar, Wilson, Karnes and Goliad) served by the River Authority. Tax appraisers of the four counties deliver the preliminary taxable value estimates with an understanding that some values may be protested. Analysis for each county is performed on previous year actuals, the proposed change in values, a collection rate factor, and the estimated impact of property values under protest. The River Authority takes a conservative approach to projecting property tax revenue in instances where dramatic swings in homestead values occur. Once final values are received and the tax rate is set in September, the property tax revenue in the adopted budget may be adjusted to reflect the actual values and adopted tax rate. All taxes, penalties and interest are accounted for in the **General Fund**.



Intergovernmental Revenue: The most significant revenue category, Intergovernmental Revenue, comes primarily from third party agreements that assist in funding the River Authority's delivery of project management or other services throughout the year. Intergovernmental Revenue consists of monies obtained from other governments and can include grants, shared flood control taxes, loans, and advances. The amount of revenue from these sources is driven by individual contracts and grant awards. Therefore, during the budget development process, a review of all existing agreements and/or commitments is completed to determine the appropriate revenues to reflect in the adopted budget. Project budgets are shown (expenditures and revenues) at the full cost of the entire project within the Projects section of this annual detail budgets book; however, the annual budget adopts the remaining available funds as the revenue and expenditure amounts for the fiscal year.

Of the 28 funds represented in the FY 2020-21 annual budget, 18 funds designate a budget for Intergovernmental Revenues. Across all funds, Intergovernmental Revenue is budgeted at \$183,422,974, an increase from the FY 2019-20 Adopted Budget as a result of capital improvement project expenditures. Over 72% (\$131,888,147) of the total Intergovernmental Revenues are commitments from Bexar County and the City of San Antonio in support of the Westside Creeks projects, primarily the San Pedro Creek Culture Park Project.

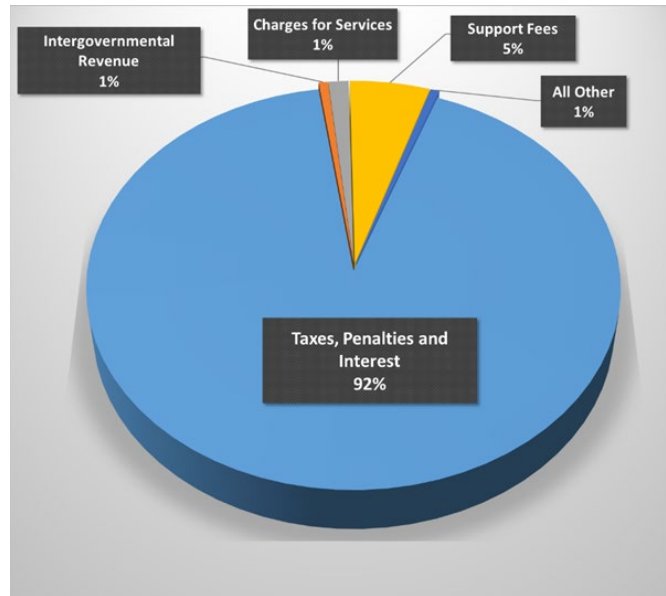


Charges for Services: The River Authority generates revenues categorized as Charges for Services made up from wastewater services in the form of sewer fees, laboratory services fees, and other user fees. Of the eight funds showing revenues generated from Charge for Services, the SARA and Salitrillo Wastewater Operating Funds, Insurance Fund and the General Fund are the most notable. This category increases by about \$2.6 million dollars as compared to the FY 2019-20 Amended Budget. The total across all funds is \$21,807,344 for FY 2020-21.

Budget Summary

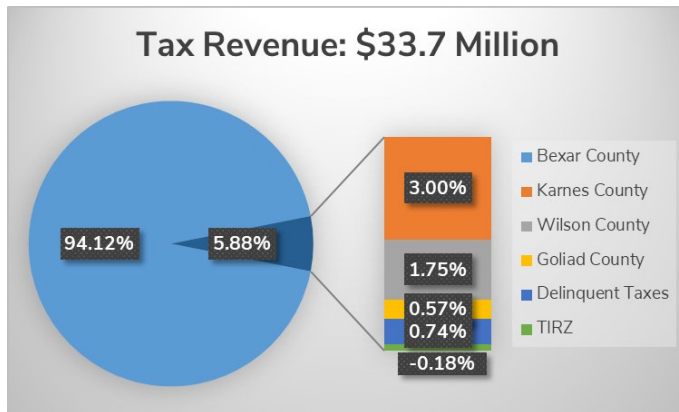
General Fund Revenues

The FY 2020-21 Adopted Budget for the General Fund includes total revenues of \$36,641,754. This represents a 1 percent decrease in comparison to the FY 2019-20 Amended Budget of \$36,946,362. Of the total revenue, \$33,770,377 or 92 percent comes from property taxes, \$1,939,977 or 5 percent from support fees paid by the utility enterprise funds for services provided by General Fund staff (Human Resources, Finance, Facilities, Intergovernmental and Community Relations, etc.), and \$490,500 or slightly less than 2 percent from charges for services such as laboratory fees.



Taxes, Penalties and Interest: Property tax revenue is the primary source of revenue to support general operations for the agency. This revenue supports the eleven departments and various activities that are identified through the annual budget process. The FY 2020-21 Adopted Budget is based on a tax rate of 1.858 cents per \$100 valuation.

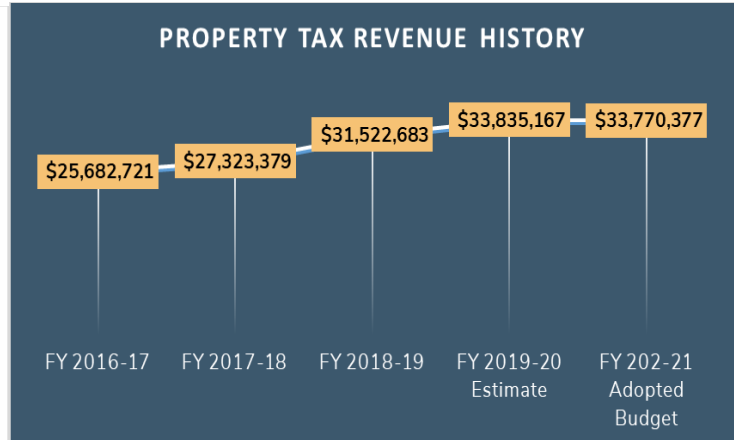
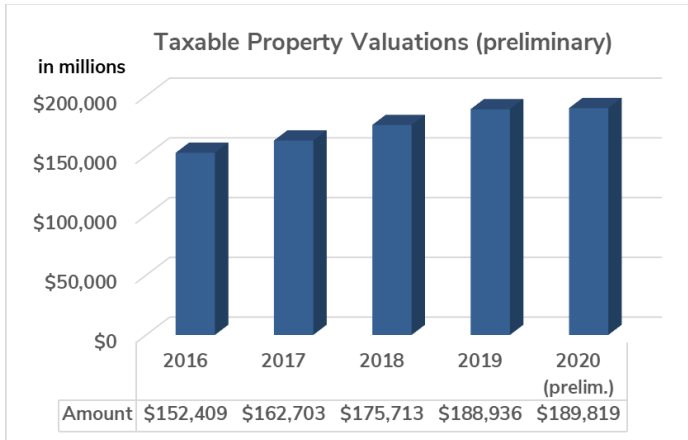
The River Authority's tax is limited to two cents per \$100 of assessed property valuation. The FY 2020-21 Adopted Budget is based on a tax rate of 1.858 cents per \$100 valuation.



Total property valuations are the basis for revenue projections for the River Authority. For FY 2020-21, the preliminary valuations across the four-county district reaches nearly \$190 billion. Property value changes are projected to vary by county: Bexar County values, the most impactful as it relates to tax revenue generation, have been estimated by the Bexar Appraisal District to increase in excess of 5 percent.

The adopted budget includes increased values of 2.5 percent for Bexar County, 8 percent for Goliad County, and a decrease of 6 percent for Wilson County as well as a decrease of 36 percent in Karnes. As shown on the next page, property valuations have increased each year from FY 2016-17 through FY 2019-20. Over this same period, the River Authority has seen an increase in property tax revenue from the increased property valuations and an increase to the tax rate in FY 2018-19.

Budget Summary



Intergovernmental Revenue: Intergovernmental Revenue sees a 31% decrease as compared to the FY 2019-20 Amended Budget to \$225,000. Assumptions used for this category include:

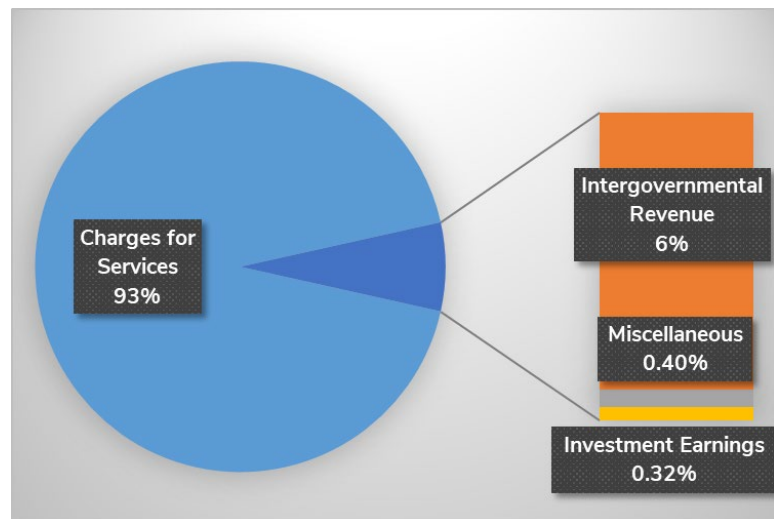
- Notes receivable from loans or other commitments for repayment to the River Authority;
- Payments for services the River Authority performs through General Fund staff labor, such as the O&M of seventeen flood retardant structures for Karnes County.
- For FY 2020-21, it is expected to see a decrease in intergovernmental revenue for project management services.

Charges for Services: For FY 2020-21, total budgeted revenue in Charges for Services is reduced to \$490,500. Assumptions used for this category include:

- Revenue from laboratory services did not meet higher projection established for FY 2019-20. The forecast for these services is not expected to increase given some operating constraints and the discontinuation of drinking water services.
- Most services in this category are expected to remain flat.

Utility Operating Funds Revenues

The FY 2020-21 Adopted Budget for the Utility Operating Funds, which include the Randolph Air Force Base Operating Fund, Salitrillo Operating Fund, and the SARA Wastewater Systems Operating Fund, includes total revenues of \$18,969,703. This represents a 12.6% increase in comparison to the FY 2019-20 Adopted Budget. Of the total revenue, \$17,646,917, or 93%, comes from charges for services.



Budget Summary

Randolph Air Force Base Operating Fund: The River Authority is paid a monthly fee composed of Operations and Maintenance (O&M) and Renewal and Replacement (R&R) components established in the utility service contract awarded as a result of privatization efforts of the federal government. The O&M portion of the monthly charge accounts for all revenues into this fund. Annual revenues remain fairly constant year over year and are set by contract.

- **Intergovernmental Revenues** from RAFB to operate the wastewater system for FY2020-21 are projected to be \$369,134. Changes in revenues for this fund result from adjustments based on the economic price adjustment (EPA) process outlined by the Defense Logistics Agency (DLA), which would increase the annual payment for services, or the allocation between the O&M and R&R capital fund.

Salitrillo Operating Fund: In FY 2020-21, total revenues are budgeted at \$6,415,641 for all wholesale wastewater, retail wastewater, and reuse water services generated by the Salitrillo Wastewater System.

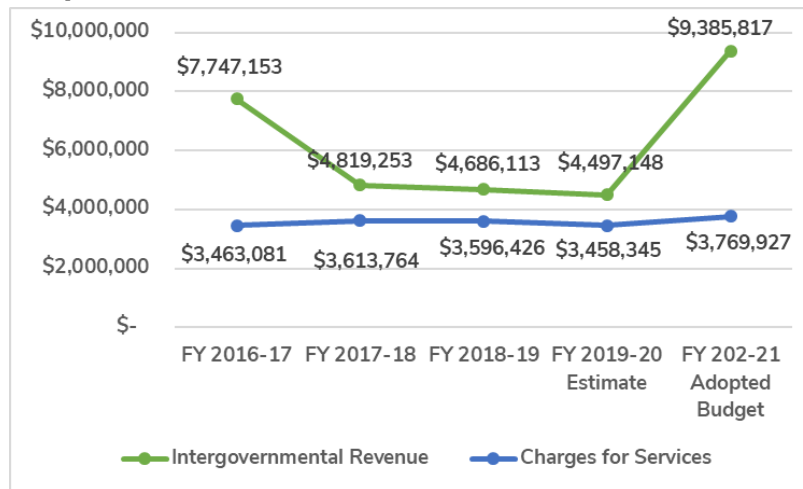
- **Charges for Services – Sewer Fees** increases by 17% in comparison to the FY 2019-20 Amended Budget of \$5,252,053. The increase in Charges for Services is generated by an increase in the wholesale customer rates, equating to an estimated increase of \$2.85 in the monthly sewer charge, as compared to the previous year. Customer growth accounts for the remaining increase in revenue. Rate adjustments were instituted as part of continued effort to support the proposed multi-year plan to provide funding that supports operations and maintenance, the ten-year capital improvement plan, and debt service to support the Salitrillo WWTP Expansion and Improvements Project.
- **Intergovernmental Revenues** are \$282,693 for FY 2020-21. This revenue comes from agreements between the River Authority and Alamo Colleges District and the City of Universal City for reuse water services. This decrease is due to the refunding of debt service associated with the Salitrillo Reuse system in FY 2019-20.

SARA Wastewater Systems Operating Fund: For FY 2020-21, revenues for the SARA Wastewater System, to include revenue generated from the various operating agreements, is budgeted at \$12,184,928.

- **Charges for Services – Sewer Fees** increase 15% to \$11,423,969 in FY 2020-21. The increase in sewer is generated by an increase of approximately four percent in customer rates, equating to an estimated increase of \$1.79 in the monthly sewer charge, as compared to the previous year. Customer growth accounts for the remaining increase in revenue. Rate adjustments were instituted as part of a continued effort to support the proposed multi-year plan to provide funding that supports operations and maintenance, the ten-year capital improvement plan, as well as debt service obligations on the Martinez IV Wastewater Treatment Plant.
- **Intergovernmental Revenue** is projected to increase to \$535,959 for FY 2020-21. The River Authority evaluates its contracts to provide water and wastewater services annually in Bexar, Wilson, and Goliad counties and adjusts its monthly fees based on prior actuals.

Budget Summary

Special Revenue and Other Funds Revenues

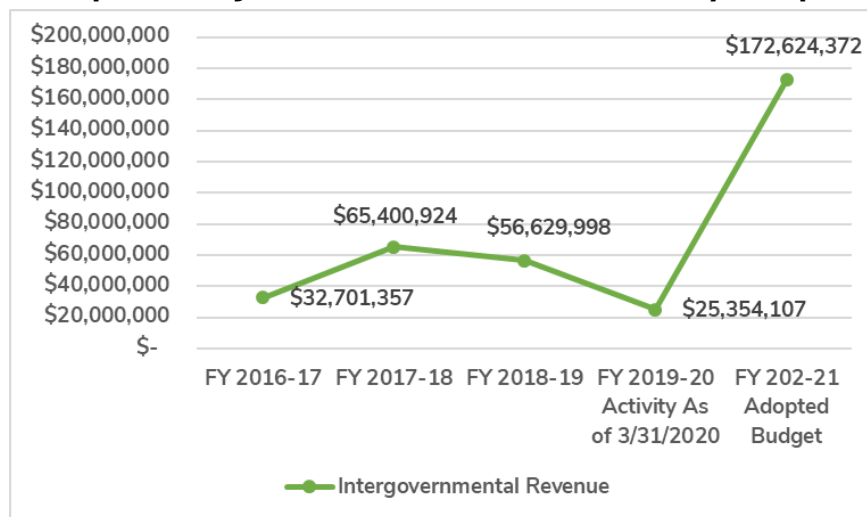


Note: The FY 2020-21 Adopted Budget also includes \$3,360,000 in unspent funding for three grants awarded in prior fiscal years.

Intergovernmental Revenues are \$9,385,817 for FY 2020-21. The most significant fund, which comprises 63% of the budget, is the Grants Fund. The majority of the intergovernmental revenues in the Grants Fund are attributed to the Cooperating Technical Partners program funded by FEMA (\$2,451,443) and the Transportation Alternatives – WSC Alazan grant (\$2,500,000) funded through TxDOT.

Charges for Services increases by 11% in comparison to the FY 2019-20 Amended Budget of \$3,396,094. The most significant fund, which comprises 98% of the \$3,769,927 budget, is the Insurance Fund. The River Authority pays a “per employee” premium into the Insurance Fund, which increased by 16% in FY 2020-21. Employees also pay insurance premiums for themselves and their dependents.

Capital Project Funds Revenues History Graph



Note: Of the FY 2020-21 Adopted Budget \$129,213,776 is for the San Pedro Creek Culture Project, funded by Bexar County, the City of San Antonio, and Utility Reimbursements. Current funding is anticipated to last through FY 2022-23.

Intergovernmental Revenue in the Capital Project Funds comes from various external funding agreements that help contribute to projects and other initiatives included in the River Authority's annual budget. Two of the larger entities the River Authority works with are Bexar County and

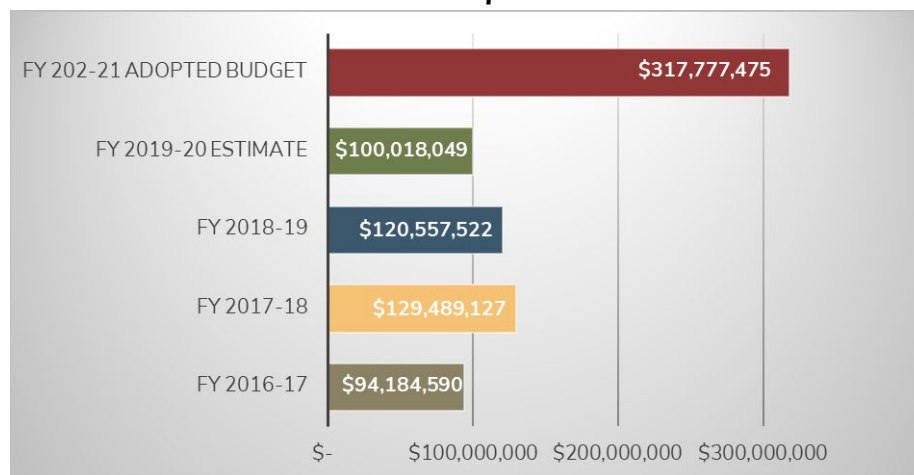
Budget Summary

the City of San Antonio. Eight funds maintain and account for Bexar County and City of San Antonio revenues. For FY 2020-21, revenues budgeted for Bexar County and City of San Antonio operating funds total \$161,645,259. The FY 2020-21 Adopted Budget of \$172.6 million represents total remaining funding for all expenditures, including capital improvement projects that extend to future fiscal years.

Expenditures

Total expenditures are budgeted to decrease by over \$28 million, or 8%, in comparison to the FY 2019-20 Amended Budget expenditures. The River Authority has three main sources of expenditures – Capital Improvement Projects, Personnel Expenditures, and Operating Expenditures. These categories compose 93% of all expenditures of the FY 2020-21 Adopted Budget. In the graph below you can see total expenditures since FY 2016-17. Since projects are managed by project life rather than fiscal year the River Authority recognizes the full remaining budget on the General Ledger as of March 31st in the FY 2020-21 Beginning Balance. This results in a much larger budget as compared to the actuals as some of the larger projects, like San Pedro Creek Culture Park, have an ending date that extends to FY 2024-25.

Historical Total Expenditure Trend



Note: The FY 2020-21 Adopted Budget of \$318 million represents total remaining funding for all expenditures, including capital improvement projects that extend to future fiscal years.



Capital Improvements Projects: For FY 2020-21, total Capital Improvement Projects expenditures are budgeted at \$246,465,487, which accounts for 78% of the total expenditure budget. Most of these expenditures are for projects funded by Bexar County and the City of San Antonio in support of the Westside Creeks projects, primarily the San Pedro Creek Culture Park Project.

There is a wide variety of projects authorized in the FY 2020-21 budget. Some are for the benefit of advancing the agency mission, while others are executed on behalf of others. Projects that result in a River Authority owned capital asset may have multiple sources of funding, to include

Budget Summary

external parties. Examples include River Authority owned facilities in both the General Fund and Utility Funds and new facilities funded by third parties, such as San Pedro Creek Culture Park. These projects are considered significant non-recurring capital expenditures and are identified in the table on the following page. These projects account for \$187,675,934, or 76%, of the \$246,465,487 FY 2020-21 Adopted Budget for Capital Improvement Projects.

Project Name	Adopted Project Budget	Project Page Number
Escondido Creek Parkway	\$7,138,188	165
Espada Park	\$150,000	190
Facilities Acquisition and Improvements	\$11,526,171	166
Helton Boat Ramp	\$85,000	156
Kenedy Operations Center	\$130,000	195
Martinez IV Collection System CIP	\$2,905,000	199
Martinez IV WWTP Expansion	\$11,650,000	169
Mission Reach	\$255,536,008	201
Randolph Air Force Base R&R Program	\$6,121,179	171
Roadway Collection System Projects	\$1,300,000	159
Salitrillo Collection Wholesale System I&I	\$1,824,411	208
Salitrillo WWTP Expansion & Improvements	\$29,165,000	209
San Pedro Creek Culture Park	\$274,859,694	173
San Pedro Creek Operations Center	\$1,435,957	210
South Flores Stormwater Retrofit	\$60,000	161

The impacts of capital improvement projects and their expenditure budgets are shown at the full cost of the entire project within the Projects section; however, the annual budget adopts the remaining available funds for projects as of March 31st for the fiscal year. As a result, the FY2019-20 Estimate does not include fourth quarter expenditures for projects.



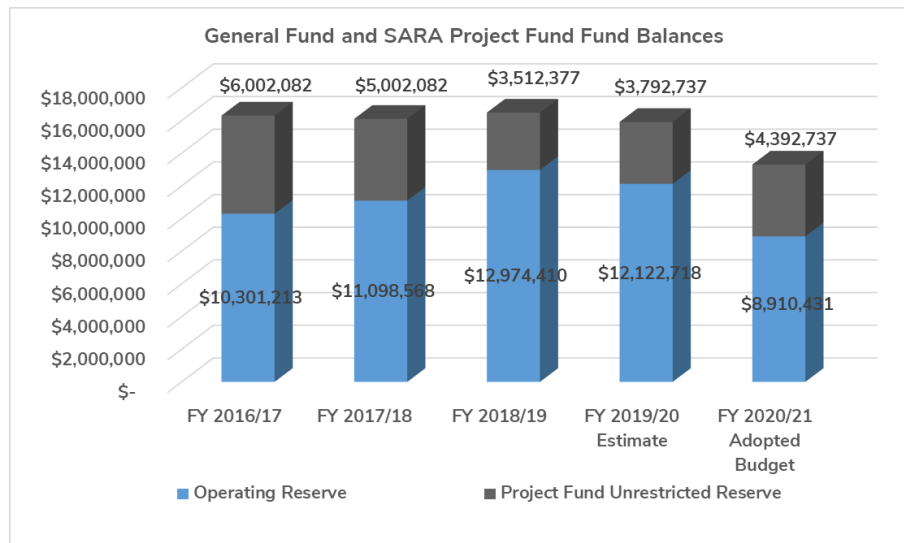
Personnel Expenditures: This includes all personnel related costs within the General Fund and Utility Operating Funds. Personnel expenditures total \$25,186,902, or 8%, of the FY 2020-21 Adopted Budget. Increases in base personnel expenditures are mostly attributed to a cost of living adjustment and rising employer contributions for benefits, to include the self-insured medical plan. Additional detail for newly authorized expenditures related to personnel is provided below.



Operating Expenditures: This includes all payments for goods and services to support the general operations for the agency. These expenditures support the eleven departments and their various activities within the General Fund and Utility Operating Funds. Operating expenditures total \$25,015,141, or 8%, of the FY 2020-21 Adopted Budget.

General Fund and SARA Project Fund Reserves

The River Authority maintains two primary reserve balances – Operating Reserves and Unrestricted Reserves. Revenues generated by the General Fund are the primary source of funding for both categories although reserves are held within separate funds. The main objectives for establishing and maintaining fund balances are, to include but not limited to, ensuring a strong financial position of the organization, securing favorable bond ratings, and being able to react to unforeseen or other extraordinary circumstances.



Operating Reserves (General Fund) – The River Authority's General Fund and all utility system(s) operating funds set a target to maintain a minimum of 25 percent (three months) of the annual budgeted operating expenses as an operating reserve. Operating expenses included in the determination of the appropriate level of the reserve include personnel, operating supplies, debt service and recurring contracts. Expenses not included in the reserve calculation are project related expenditures, planned capital expenses, and transfers to other funds. As shown in the graph above, the FY 2020-21 Adopted Budget sees a decrease in the General Fund operating reserve of \$3.2 million as compared to the FY 2019-20 Estimate. This decrease is due to FY 2019-20 carryforward fund balance that is allocated within the FY 2020-21 Adopted Budget. The ending fund balance for FY 2016-17 through FY 2018-19 also include savings from those fiscal years which were carried forward into the following years budget.

Project Fund Unrestricted Reserve (SARA Project Fund)– The River Authority maintains reserve funds that can be used for purposes to advance 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

Budget Summary

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 is accounted for in a fund separate from the General Fund.

Changes in Fund Balance

The difference between planned expenditures and revenues results in Fund Balance. In the FY 2020-21 Adopted Budget, nine of the River Authority's twenty-seven funds have an increase/decrease from the beginning Fund Balance to the ending Fund Balance that is greater than 10%. This includes:

General Fund – Due to the spending down of fund balance that is carrying forward from the FY 2019-20 Amended Budget, the General Fund ending balance is decreasing by 26%.

RAFB Operating Fund – The FY 2020-21 Adopted Budget includes \$87,500 in capital outlay. The increased budget for these purchases, as compared to FY 2019-20, is drawing down the fund balance decreasing it by 16%.

SACIP Land Sales Fund – There is only one project budgeted in this fund for FY 2020-21. Revenues into the fund are anticipated to be roughly the same as FY 2019-20, which results in an increase to the fund balance of 13%.

SARA Public Facilities Corporation Fund – The River Authority issued bonds in FY 2019-20 for the acquisition and renovation of office space. In FY 2020-21 the Facilities Acquisition and Improvements Project will be drawing down on these funds resulting in a decrease to the fund balance of 94%.

Park Resources Development Fund (PRDF) – The FY 2020-21 Adopted Budget includes funding for three projects and one property acquisition in the PRDF. These expenditures are drawing down on available fund balance, decreasing it by 58%.

SARA Project Fund – The River Authority budgets projects funded by the General Fund within the SARA Project Fund. Since these projects are managed by project life rather than fiscal year the River Authority recognizes the full remaining budget on the General Ledger as of March 31st in the FY 2020-21 Beginning Balance. This results in a decrease of the available balance by 73%, leaving the unrestricted reserve once funding is restored, or carried forward, for the upcoming fiscal year.

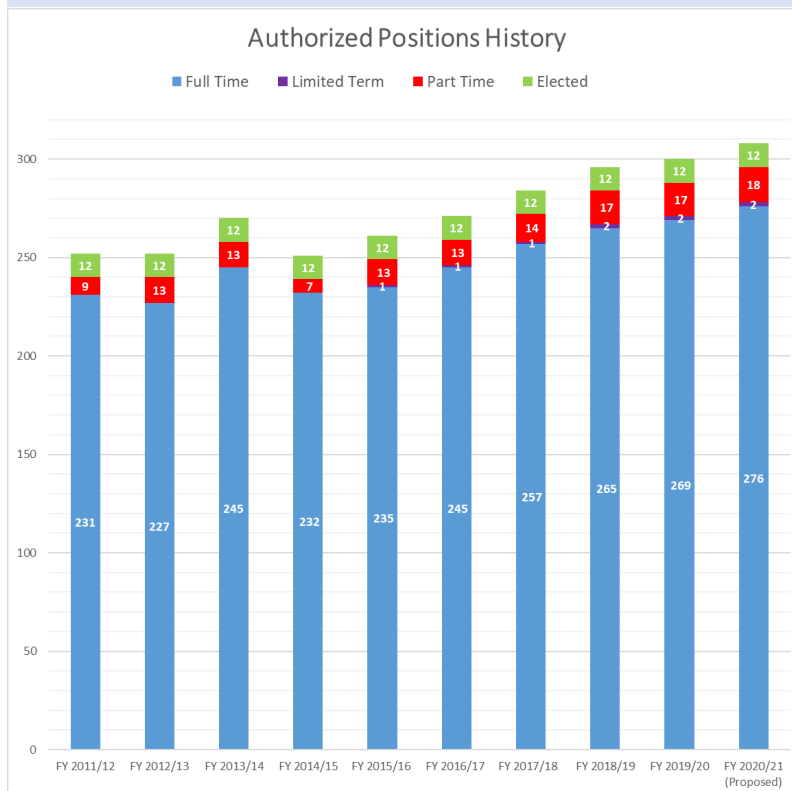
Budget Summary

Bexar County Capital Projects Fund – In FY 2019-20 the River Authority received the final reimbursement from the U.S. Army Corp of Engineers for the Mission Reach Project. These funds will be paid back to Bexar County, which results in a 92% decrease in the available balance.

Salitrillo C&I Fund – In FY 2019-20 the River Authority issued bonds for the Salitrillo WWTP Expansion and Improvements Project. Expenditures associated with this project will draw down on the available fund balance, decreasing it by 35%.

RAFB R&R Fund – The River Authority completes projects annually that improve the RAFB wastewater system. Since these projects are funded through a contract with the federal government the projects are managed by its fiscal year, which runs from October 1st through September 30th each year. Since the River Authority recognizes the full remaining budget and the next year's projects on the General Ledger as of March 31st the available fund balance is drawn down and decreases by 47%.

Staffing



In the FY 2020-21 Adopted Budget, costs associated with personnel increase five percent as compared to the FY 2019-20 Adopted Budget. This increase is due to a cost of living adjustment, an increase to the employer medical contribution, as well as an increase in the number of authorized positions to 308, new positions listed on the next page. Although the River Authority operates a self-insurance program, the cost of administration and claims continue to be impacted by the healthcare industry's changing landscape. In the FY 2020-21 Adopted Budget, the employer

contribution will increase by 16%. Findings from annual actuarial studies help inform the true amount needed to fund the self-insurance program through premium contributions. This effort, encouragement of our SARA wellness program and other actions to control cost through prevention all aim to ensure the health of our self-insurance fund for future years.

Budget Summary

FY 2020-21 New Positions	Department	Amount
Quality Assurance Specialist	Environmental Sciences	\$ 82,796
Staff Attorney	Executive Office	\$ 156,331
Public Art Intern*	Executive Office	\$ 15,131
Accounting Technician	Finance	\$ 55,093
Community Relations Specialist	Intergovernmental and Community Relations	\$ 90,394
Admin LTE	Real Estate	\$ 56,040
Admin LTE	User Services	\$ 56,040
Riparian Landscape Crewleader I	Watershed and Park Operations	\$ 62,344
Riparian Landscape Technician I	Watershed and Park Operations	\$ 27,961
Construction Inspector	Watershed Engineering	\$ -
		\$ 602,130

*Note: The Public Art Intern position will be included in the Adopted Budget but require additional authorization from the Board of Directors

Authorized Positions

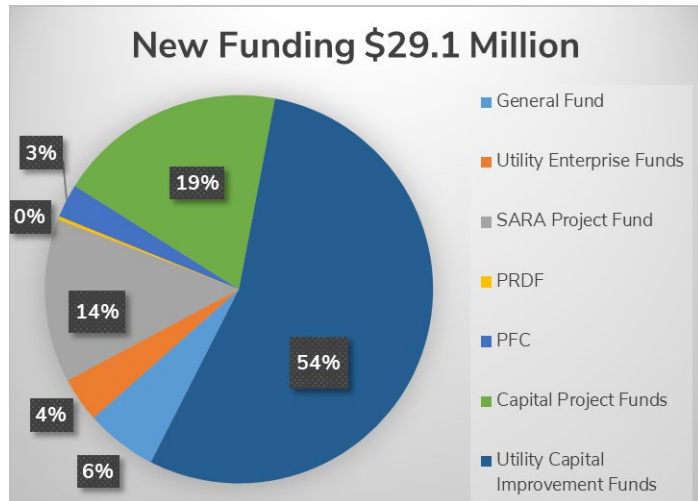
General Fund

	FY 2018-19 Authorized	FY 2019-20 Authorized	FY 2020-21 Adopted Budget
Board of Directors (elected officials)	12	12	12
Organization Support	13	13	15
Facilities	7	7	7
Finance	15	16	17
Human Resources	6	6	6
Information Technology and GIS	18	18	18
Intergovernmental and Community Relations	16	16	17
Environmental Sciences	40	41	42
Real Estate	7	7	7
Watershed Engineering	32	31	32
Watershed and Park Operations	78	81	83
Total General Fund	244	248	256
Utilities	52	52	52
Total Positions	296	300	308
Full Time	265	269	276
Limited Term	2	2	2
Part Time	17	17	18
Elected Officials	12	12	12
Total Positions	296	300	308

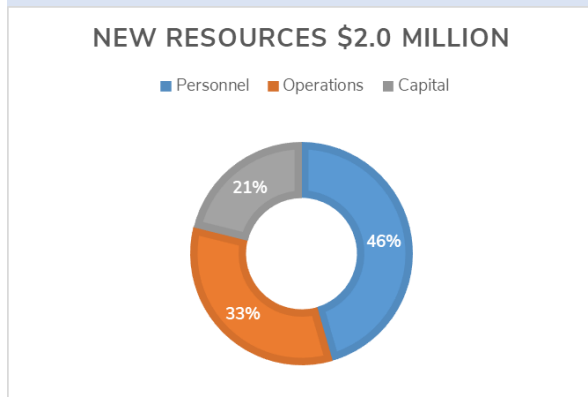


New for Fiscal Year 2020-21

Across all funds there is \$29,148,765 of new funding. Funding is spread out across the General Fund, Special Revenue Funds, Capital Project Funds, and Enterprise Funds. New resources include personnel, operations, capital, and project funding. A detailed table of new resources can be found in the General Fund and Utility Funds sections.



General Fund



For FY 2020-21, \$2,094,685 in new resources is to be funded through the General Fund. This includes \$953,948 for personnel, \$697,737 for operations, and \$443,000 for capital. Excluding the cost of living adjustment, compared to FY 2019-20 funding for new resources increased by 11%.

General Government

Organization Support & Executive Office

Department Promotions.....	\$7,370
Staff Attorney.....	\$156,331
Public Art Intern*.....	\$15,131
Cost of Living Adjustment Salaries.....	\$353,033

Facilities

Moving Expense.....	\$25,000
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Finance

Accounting Technician I.....	\$55,093
Vendor Management.....	\$15,300
Report Development.....	\$10,000

General Government**Human Resources**

Training..... \$5,000

Intergovernmental and Community Relations

Community Relations Specialist..... \$90,394

Escondido Creek Parkway Grand Opening..... \$25,000

Household Hazardous Waste Events..... \$130,000

Community Event Sponsorships*..... \$75,000

Witte Museum Sponsorship..... \$25,000

Information Technology

Limited Term Employee..... \$56,040

Computer Replacements..... \$94,475

GIS Software..... \$15,000

Infrastructure Refresh and Upgrades.....\$191,677

Program Support and Services**Environmental Sciences – Planning & Admin.**

Quality Assurance Specialist I.....\$80,196

Quality Assurance Specialist I Operating Supplies.....\$2,600

GSI Technical Guidance Manual..... \$30,000

Environmental Sciences – Laboratory

Bacterial Source Tracking Supplies..... \$25,000

QIAcube Auto-Extractor..... \$36,500

Ultra-Low Freezer..... \$12,500

Biological Oxygen Demand Incubator..... \$7,500

Laboratory Tablet..... \$3,500

Real Estate

Limited Term Employee..... \$56,040

Watershed and Park Operations

Riparian Technician GSI Team.....\$27,961

Riparian Crew Leader GSI Team..... \$62,344

Green Stormwater Infrastructure Team.....\$29,200

Pressure Washer..... \$15,500

UTV for Escondido Creek Parkway..... \$15,000

UTV for Mission Reach..... \$16,000

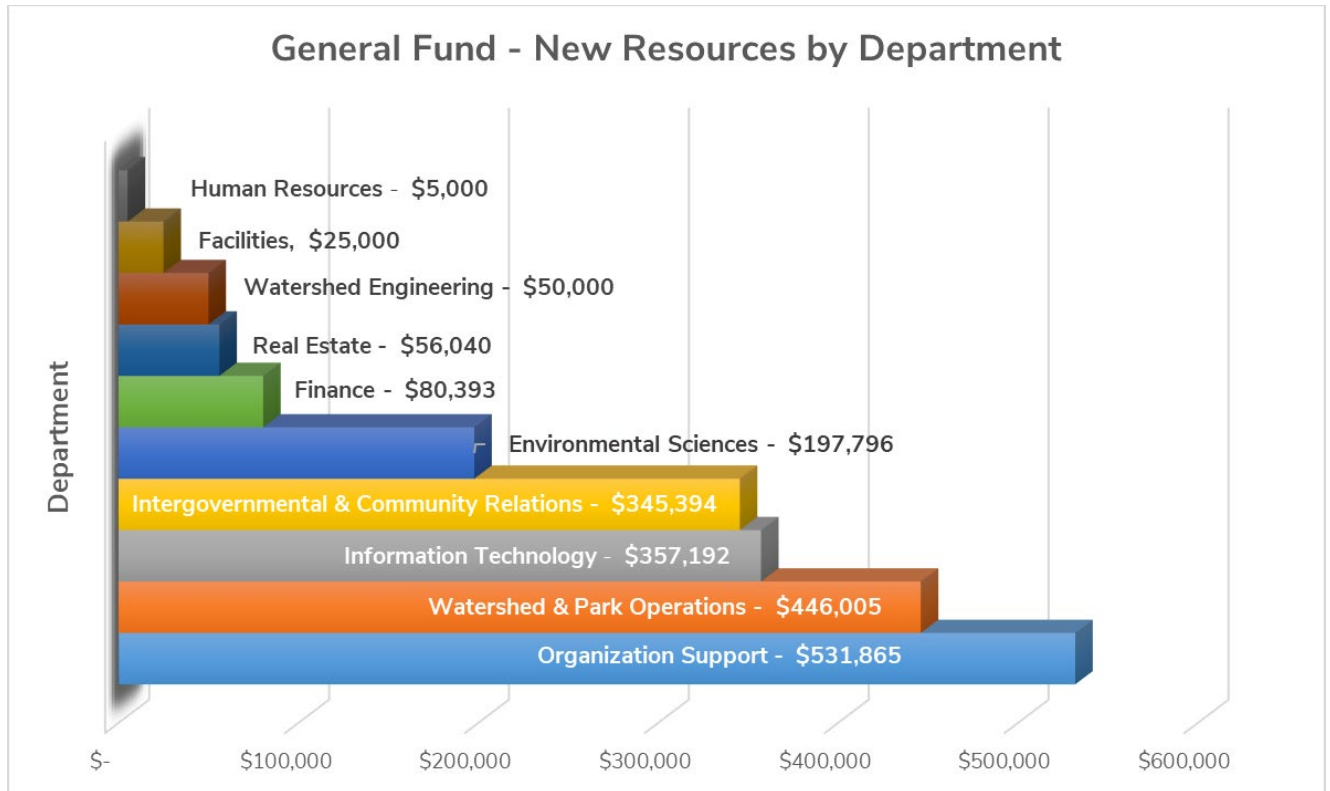
San Pedro Creek Phase 1.2 Operations..... \$30,000

General Capital Allocation..... \$250,000

Watershed Engineering

Stream Restoration Program.....\$50,000

*NOTE: The Public Art Intern position and Community Event Sponsorships will be included in the Adopted Budget but require additional authorization from the Board of Directors.

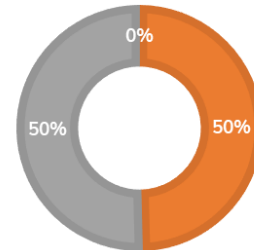


Utility Enterprise - Operating Funds

For FY 2020-21 \$1,092,500 in new resources is to be funded through the Utility Enterprise Funds. This includes \$542,000 for operations and \$550,500 for capital expenditures. Compared to FY 2019-20 funding for new resources increased. There are multiple factors for the increase in FY 2020-21. Operating expenditures increase largely due to legal fees, SCADA improvements, security improvements, and needed repairs at the ACD First Responders Academy. Additionally, new equipment to support operations at Randolph Air Force Base (RAFB) is needed.

NEW RESOURCES \$1 MILLION

■ Personnel ■ Operations ■ Capital



Salitrillo Wastewater Operations

Collections Shop Upgrade.....	\$55,000
GIS License.....	\$5,200
Utility Data Management Software.....	\$9,100
SCADA Improvements.....	\$15,000
Belts for Press.....	\$7,500
Dry Storage.....	\$8,000
Computer Replacement.....	\$11,900
All-Terrain Vehicle.....	\$15,000
Truck.....	\$42,000
Air Compressor.....	\$5,500

SARA Wastewater Operations

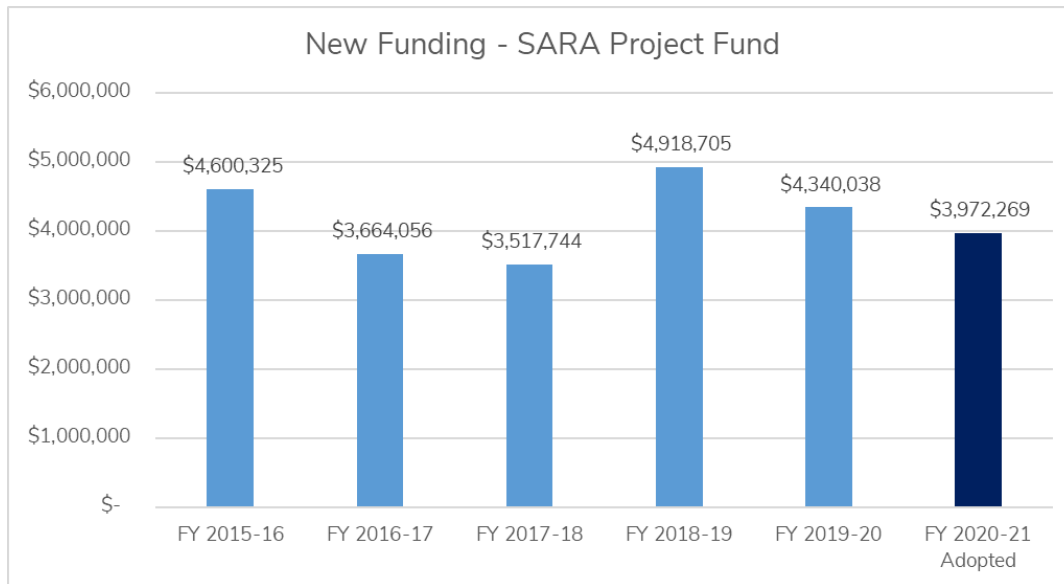
Cleaning and Tuning First Responders Academy.....	\$75,000
Legal Fees.....	\$250,000
Belt Press Control System at Martinez II.....	\$20,000
GIS License.....	\$5,200
Utility Data Management Software.....	\$16,900
SCADA Improvements.....	\$135,000
Belts for Press at Martinez II.....	\$7,500
Plumbing Camera Snake/Sewer Camera Locator.....	\$17,500
All-Terrain Vehicle – Martinez II.....	\$15,000
All-Terrain Vehicle – Upper Martinez	\$15,000
Computer Replacement.....	\$18,700
Roll-Off Truck.....	\$175,000
Security Improvements.....	\$80,000

Randolph Air Force Base Operations

Mini Excavator.....	\$70,000
Plumbing Camera Snake/Sewer Camera Locator.....	\$17,500

SARA Project Fund

\$3,972,269 is included in the FY 2020-21 Adopted Budget for the SARA Projects Fund via a transfer from the General Fund. Of the \$3.9 million, \$955,000 is for new projects, \$3,022,269 is new funding for existing projects. Compared to the FY 2019-20 Adopted Budget this represents an 8.5% decrease in SARA Project funding. The main driver of the decrease in funding is the commitment to the continued acceleration of key projects, including Floodplain Remapping (2018) – Leon, Salado, and Medina and the Facilities Acquisition and Improvements Project which make up 40% of the \$3.9 million. Over the life of the SARA Project Fund, started in FY 2015/16, the amount of new funding is slightly lower than the average of \$4.1 million per year.



<u>New Project Funding</u>	<u>Authorized</u>
Brackenridge Park	\$ 75,000
Clean Rivers Program 2017/SARA Stream Monitoring	\$ 5,000
Escondido Creek Parkway Phase II*	\$ 50,000
Facilities Acquisition/Improvements Project	\$ 750,000
Floodplain Remapping (2018) – Leon, Salado, and Medina	\$ 833,269
Freshwater Mussel Propagation	\$ 117,000
GSI Broadway Alamo Heights*	\$ 100,000
Mission Reach Erosion Repairs	\$ 287,000
Museum Reach Electrical	\$ 200,000
Nature Based Parks Master Planning*	\$ 470,000
South Flores Stormwater Retrofit	\$ 60,000
Watershed Master Plans Integration*	\$ 525,000
Watershed Wise Rebate Program*	\$ 500,000
	\$ 3,972,269

*NOTE: \$1,370,000 in funding for these projects will be included in the Adopted Budget but require additional authorization from the Board of Directors.

Public Facilities Corporation Fund

In FY 2019-20, the River Authority acquired property, located at 201 West Sheridan Drive, from Alamo College District (ACD). The property was acquired with a new bond issuance through the Public Facilities Corporation (PFC). A lease agreement between the River Authority and the PFC was executed to support future debt service. For FY 2020-21 the first full year of debt service is funded through a transfer from the General Fund in the amount of \$817,762. Additionally, improvements to the Sheridan facility funded through bond proceeds are included in the FY 2020-21 PFC Adopted Budget.

Park Resources Development Fund

For FY 2020-21 \$85,000 is needed to fund the design and construction of a new boat ramp at John William Helton San Antonio River Nature Park upstream of the existing canoe/kayak portage point. This ramp is centrally located along the Saspamco paddling trail, providing easier and quicker boat access to the lower sections of the Saspamco trail. The existing Graytown Park boat ramp access point is located six river miles north and is challenging for staff to use during times of low flow. This impacts the response time of staff for debris removal and emergency personnel trying to access areas south of Helton Nature Park. The access point at Helton and existing access point at Graytown will be utilized in tandem for maintenance purposes and emergency response.

Capital Project Funds

The FY 2020-21 Adopted Budget includes additional external funding for three projects:

- Escondido Creek Parkway Project has received an additional \$100,000 in various donations and has earned \$42,371 in investment income over the life of the project. The River Authority receives donations throughout the year from the San Antonio River Foundation.
- Westside Linear Creekways Trails and Elmendorf Lake Park Project is receiving an additional \$100,000 to construct a staircase connecting the Mission Reach to Confluence Park. The funding is authorized by Amendment No. 11 of an agreement between the River Authority and the City of San Antonio.
- Utility Reimbursements in the Other Capital Projects Fund for the San Pedro Creek Culture Park are increasing for construction of Phases 1.3 and 2. The additional funding consists of \$2,432,055 for City Public Service (CPS) and \$2,872,257 for San Antonio Water System (SAWS). These reimbursements are funded through interlocal agreements between the River Authority and CPS and SAWS, respectively.

Utility Construction and Improvement Funds

The largest increase in new resource funding is in the Utilities Capital Improvement Funds. Overall, \$15,892,899 is included in the FY 2020-21 Adopted Budget. This includes \$1,640,000 in the Salitrillo Construction and Improvements Fund, \$13,410,000 in the SARA Wastewater Systems Construction and Improvements Fund, and \$842,899 in the Randolph AFB Renewals and Replacement Fund. Of the \$15.8 million, \$3.8 million is for new projects, \$11 million is anticipated debt financing to advance the Martinez IV WWTP expansion, and the remainder is new funding for active projects authorized in prior years.

New Utility Project Funding

Salitrillo C&I Fund (81)

Capacity Management Operations & Maintenance.....	\$640,000
Roadway Collection System Projects.....	\$1,000,000

SARA WW C&I Fund (80)

Capacity Management Operations & Maintenance.....	\$600,000
Martinez IV WWTP Expansion.....	\$11,150,000
Roadway Collection System Projects.....	\$300,000
SARA WW Maintenance & Improvements.....	\$1,260,000
Utility Optimization Plan.....	\$100,000

RAFB R&R Fund (83)

RAFB Year 18.....	\$842,899
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SAN ANTONIO

RIVER AUTHORITY

REVENUE DETAILS FY 2020-21



Branch Nature Park, Goliad County

Revenues Fiscal Year Ending June 30, 2021	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Estimate	FY 2020-21 Budget
GENERAL FUND (01)				
<u>Property Taxes</u>				
Property Taxes - Bexar County	\$ 28,724,250	\$ 31,144,523	\$ 31,213,569	\$ 31,785,314
Property Taxes - Karnes County	1,297,660	1,608,990	1,639,584	1,012,918
Property Taxes - Goliad County	167,479	189,130	189,697	192,407
Property Taxes - Wilson County	590,633	634,992	629,526	589,738
Delinquent Taxes	800,904	250,000	209,870	250,000
TIRZ	(58,243)	(26,250)	(47,080)	(60,000)
Subtotal - Property Taxes	31,522,683	33,801,385	33,835,167	33,770,377
<u>Investment Earnings</u>				
Investment Earnings	863,999	350,000	383,284	175,900
Subtotal - Investment Earnings	863,999	350,000	383,284	175,900
<u>Intergovernmental Revenue</u>				
Intergovernmental Revenue	484,319	325,000	285,990	225,000
Federal Grant Revenue	54,302	-	-	-
Sponsorships	(5,568)	-	-	-
Subtotal - Intergovernmental Revenue	533,052	325,000	285,990	225,000
<u>Charges for Services</u>				
Lab Samples	179,624	150,000	160,396	145,000
Administrative Fee	71,961	40,000	56,218	50,000
Rentals/Leases	16,337	30,000	8,925	15,000
Parks Usage Fees	-	-	225	-
Event Trail Usage Fee	5,400	-	2,300	-
Water Sales	274,006	260,000	278,953	260,000
Gate Receipts	309	-	212	100
San Antonio River Foundation	-	35,000	10,200	20,400
Subtotal - Charges for Services	547,637	515,000	517,429	490,500
<u>Miscellaneous</u>				
Miscellaneous	301,310	15,000	50,839	25,000
ICMA Retirement	14,220	-	17,000	5,000
Election Filing Fees	-	-	700	-
Participant Fees	-	-	250	-
Insurance Proceeds	1,958	-	1,263	-
Sale of Hay	16,905	-	24,565	10,000
Sales	-	-	-	-
Subtotal - Miscellaneous	334,393	15,000	94,617	40,000
<u>Support Fees</u>				
SARA Wastewater Systems	1,513,473	1,325,623	1,325,623	1,325,623
Salitrillo Wastewater System	483,088	614,354	614,354	614,354
Subtotal - Support Fees	1,996,561	1,939,977	1,939,977	1,939,977
TOTAL GENERAL FUND	\$ 35,798,326	\$ 36,946,362	\$ 37,056,464	\$ 36,641,754

Revenues Fiscal Year Ending June 30, 2021	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Estimate	FY 2020-21 Budget
DEBT SERVICE FUND (02)				
Investment Earnings				
Investment Earnings	\$ 24,422	\$ 15,000	\$ 7,284	\$ 5,000
Subtotal - Investment Earnings	24,422	15,000	7,284	5,000
Transfers				
Transfers - General Fund	599,557	592,974	592,974	598,303
Subtotal - Transfers	599,557	592,974	592,974	598,303
Intergovernmental Revenue				
Flood Control Tax	2,923,812	2,937,838	3,025,671	2,935,268
Subtotal - Intergovernmental Revenue	2,923,812	2,937,838	3,025,671	2,935,268
TOTAL DEBT SERVICE FUND	\$ 3,547,792	\$ 3,545,812	\$ 3,625,929	\$ 3,538,571
SARA PROJECT FUND (04)				
Transfers				
Transfers (From General Fund)	4,953,705	7,188,710	7,188,710	4,572,269
Subtotal - Transfers	4,953,705	7,188,710	7,188,710	4,572,269
TOTAL SARA PROJECT FUND	\$ 4,953,705	\$ 7,188,710	\$ 7,188,710	\$ 4,572,269
CITY OF SAN ANTONIO SARIP FUND (11)				
Intergovernmental Revenue				
Intergovernmental Revenue	1,417,278	5,398,988	652,905	2,792,483
Subtotal - Revenue	1,417,278	5,398,988	652,905	2,792,483
TOTAL COSA SARIP FUND	\$ 1,417,278	\$ 5,398,988	\$ 652,905	\$ 2,792,483
BEXAR COUNTY CAPITAL IMPROVEMENTS FUND (13)				
Intergovernmental Revenue				
Intergovernmental Revenue	\$ 5,212	\$ 202,181	\$ -	\$ 202,181
Subtotal - Intergovernmental Revenue	5,212	202,181	-	202,181
TOTAL BEXAR COUNTY CIP FUND	\$ 5,212	\$ 202,181	\$ -	\$ 202,181
MEDINA DAM FUND (14)				
Intergovernmental Revenue				
Intergovernmental Revenue	\$ 68,702	\$ 160,000	\$ 133,947	\$ 160,000
Subtotal - Intergovernmental Revenue	68,702	160,000	133,947	160,000
TOTAL MEDINA DAM FUND	\$ 68,702	\$ 160,000	\$ 133,947	\$ 160,000

Revenues Fiscal Year Ending June 30, 2021	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Estimate	FY 2020-21 Budget
<u>SACIP LAND SALES FUND (22)</u>				
<u>Investment Earnings</u>				
Investment Earnings	\$ 3,536	\$ 3,000	\$ 1,639	\$ 1,500
Subtotal - Investment Earnings	3,536	3,000	1,639	1,500
<u>Charges for Services</u>				
License Agreements	42,170	59,995	54,677	60,995
Rental/Leases	10,929	-	-	-
Sale of Fixed Assets	4,771	-	-	-
Subtotal - Charges for Services	57,870	59,995	54,677	60,995
TOTAL SACIP LAND SALES FUND	\$ 61,406	\$ 62,995	\$ 56,316	\$ 62,495
<u>PUBLIC FACILITIES CORPORATION FUND (23)</u>				
<u>Investment Earnings</u>				
Investment Earnings	\$ -	\$ -	\$ 9,393	\$ 7,000
Subtotal - Investment Earnings	-	-	9,393	7,000
<u>Charges for Services</u>				
Rental/Leases	181,915	181,386	181,386	-
Subtotal - Charges for Services	181,915	181,386	181,386	-
<u>Debt Proceeds</u>				
Debt Proceeds	-	8,566,825	8,726,222	-
Subtotal - Debt Proceeds	-	8,566,825	8,726,222	-
<u>Transfers</u>				
Transfers (From General Fund)	-	100,350	100,350	998,899
Subtotal - Transfers	-	100,350	100,350	998,899
TOTAL PUBLIC FACILITIES CORP FUND	\$ 181,915	\$ 8,848,561	\$ 9,017,351	\$ 1,005,899
<u>SAR INDUSTRIAL DEVELOPMENT AUTHORITY FUND (24)</u>				
<u>Investment Earnings</u>				
Investment Earnings	\$ 241	\$ 150	\$ 123	\$ 80
Subtotal - Investment Earnings	241	150	123	80
<u>Transfers</u>				
Transfers (From General Fund Utility Support Fees)	-	-	-	1,223
Subtotal - Transfers	-	-	-	1,223
TOTAL SAR INDUSTRIAL DEV. AUTH. FUND	\$ 241	\$ 150	\$ 123	\$ 1,303

Revenues Fiscal Year Ending June 30, 2021	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Estimate	FY 2020-21 Budget
PARK RESOURCES DEVELOPMENT FUND (26)				
<u>Investment Earnings</u>				
Investment Earnings	\$ 3,360	\$ 3,000	\$ 3,097	\$ 1,000
Subtotal - Investment Earnings	3,360	3,000	3,097	1,000
<u>Miscellaneous</u>				
Easement Fees	100	-	-	-
Subtotal - Miscellaneous	100	-	-	-
<u>Charges for Services</u>				
Sale of Fixed Assets	48,079	50,000	14,811	20,000
Subtotal - Charges for Services	48,079	50,000	14,811	20,000
TOTAL PARK RESOURCES DEV. FUND	\$ 51,539	\$ 53,000	\$ 17,908	\$ 21,000
SOUTH TEXAS REGIONAL WATER PLANNING GROUP FUND (30)				
<u>Investment Earnings</u>				
Investment Earnings	\$ 844	\$ 800	\$ 1,392	\$ 350
Subtotal - Investment Earnings	844	800	1,392	350
<u>Intergovernmental Revenue</u>				
Intergovernmental Revenue	249,070	756,488	396,548	230,741
Subtotal - Intergovernmental Revenue	249,070	756,488	396,548	230,741
TOTAL SCTPG FUND	\$ 249,914	\$ 757,288	\$ 397,940	\$ 231,091
EDWARDS WATER ACQUISITION/RWRDG FUND (31)				
<u>Intergovernmental Revenue</u>				
Intergovernmental Revenue	281,751	275,500	220,944	275,500
Subtotal - Intergovernmental Revenue	281,751	275,500	220,944	275,500
<u>Charges for Services</u>				
Administrative Fee	-	1,100	1,200	1,100
Subtotal - Charges for Services	-	1,100	1,200	1,100
TOTAL EDWARDS WATER ACQ. FUND	\$ 281,751	\$ 276,600	\$ 222,144	\$ 276,600
REGIONAL WATER ALLIANCE FUND (32)				
<u>Investment Earnings</u>				
Investment Earnings	\$ 293	\$ 50	\$ 293	\$ 50
Subtotal - Investment Earnings	293	50	293	50
<u>Intergovernmental Revenue</u>				
Intergovernmental Revenue	4,200	4,400	4,600	4,400
Subtotal - Intergovernmental Revenue	4,200	4,400	4,600	4,400
TOTAL REGIONAL WATER ALLIANCE FUND	\$ 4,493	\$ 4,450	\$ 4,893	\$ 4,450

Revenues Fiscal Year Ending June 30, 2021	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Estimate	FY 2020-21 Budget
GRANTS FUND (36)				
<u>Intergovernmental Revenue</u>				
Intergovernmental Revenue	\$ 343,677	\$ 3,964,883	\$ 296,189	\$ 3,488,466
Federal Grant Revenue	883,603	3,295,948	553,196	2,451,442
Subtotal - Intergovernmental Revenue	1,227,280	7,260,831	849,385	5,939,908
TOTAL GRANTS FUND	\$ 1,227,280	\$ 7,260,831	\$ 849,385	\$ 5,939,908
<u>BEXAR COUNTY SAR IMPROVEMENTS FLOOD TAX FUND (51)</u>				
<u>Investment Earnings</u>				
Investment Earnings	\$ 22,528	\$ 20,000	\$ 5,747	\$ 3,000
Subtotal - Investment Earnings	22,528	20,000	5,747	3,000
<u>Intergovernmental Revenue</u>				
Intergovernmental Revenue	19,138,160	26,731,072	61,468	26,419,612
Subtotal - Intergovernmental Revenue	19,138,160	26,731,072	61,468	26,419,612
TOTAL BEXAR COUNTY SAR IMPROV FUND	\$ 19,160,688	\$ 26,751,072	\$ 67,215	\$ 26,422,612
<u>BEXAR COUNTY WESTSIDE CREEK RESTORATION PROJECTS FUND (54)</u>				
<u>Investment Earnings</u>				
Investment Earnings	\$ 69,452	\$ 30,000	\$ 19,760	\$ 10,000
Subtotal - Investment Earnings	69,452	30,000	19,760	10,000
<u>Intergovernmental Revenue</u>				
Intergovernmental Revenue	18,916,307	136,000,122	17,773,025	112,218,187
Subtotal - Intergovernmental Revenue	18,916,307	136,000,122	17,773,025	112,218,187
TOTAL BEXAR COUNTY WSC FUND	\$ 18,985,760	\$ 136,030,122	\$ 17,792,785	\$ 112,228,187
<u>OTHER CAPITAL PROJECTS FUND (57)</u>				
<u>Intergovernmental Revenue</u>				
Intergovernmental Revenue	3,213,271	5,591,300	1,017,491	9,664,023
Subtotal - Intergovernmental Revenue	3,213,271	5,591,300	1,017,491	9,664,023
<u>Miscellaneous</u>				
Miscellaneous	2,178	-	-	-
Subtotal - Miscellaneous	2,178	-	-	-
TOTAL OTHER CAPITAL PROJECTS FUND	\$ 3,215,449	\$ 5,591,300	\$ 1,017,491	\$ 9,664,023
<u>DOWNSTREAM CAPITAL PROJECTS FUND (58)</u>				
<u>Investment Earnings</u>				
Investment Earnings	\$ 20,248	\$ 5,000	\$ 12,980	\$ 5,000
Subtotal - Investment Earnings	20,248	5,000	12,980	5,000
<u>Intergovernmental Revenue</u>				
Intergovernmental Revenue	1,121,000	590,000	615,000	-
Subtotal - Intergovernmental Revenue	1,121,000	590,000	615,000	-
TOTAL DOWNSTREAM CAP. PROJ. FUND	\$ 1,141,248	\$ 595,000	\$ 627,980	\$ 5,000

Revenues Fiscal Year Ending June 30, 2021	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Estimate	FY 2020-21 Budget
BEXAR COUNTY CAPITAL PROJECTS FUND (59)				
<u>Intergovernmental Revenue</u>				
Intergovernmental Revenue	305,058	365,031	-	342,837
Miscellaneous	-	-	-	-
Subtotal - Intergovernmental Revenue	305,058	365,031	-	342,837
TOTAL BEXAR CO. CAPITAL PROJ. FUND	\$ 305,058	\$ 365,031	\$ -	\$ 342,837
WESTSIDE CREEK CITY OF SAN ANTONIO FUND (61)				
<u>Investment Earnings</u>				
Investment Earnings	\$ -	\$ -	\$ 1,554	\$ -
Subtotal - Investment Earnings	-	-	1,554	-
<u>Intergovernmental Revenue</u>				
Intergovernmental Revenue	12,931,999	28,233,234	5,100,271	19,669,960
Subtotal - Intergovernmental Revenue	12,931,999	28,233,234	5,100,271	19,669,960
TOTAL WSC CITY OF SAN ANTONIO FUND	\$ 12,931,999	\$ 28,233,234	\$ 5,101,825	\$ 19,669,960
SARA WASTEWATER SYSTEM FUND (70)				
<u>Investment Earnings</u>				
Investment Earnings	\$ 78,134	\$ 70,000	\$ 74,000	\$ 50,000
Interest Earnings	16,339	-	-	-
Subtotal - Investment Earnings	94,473	70,000	74,000	50,000
<u>Intergovernmental Revenue</u>				
Intergovernmental Revenue	511,290	510,450	432,067	535,959
Subtotal - Intergovernmental Revenue	511,290	510,450	432,067	535,959
<u>Charges for Services</u>				
Rentals/Leases	203,808	50,000	217,035	100,000
Sewer Fees	9,628,073	9,924,523	10,260,916	11,423,969
Sale of Fixed Assets	256,141	-	150,000	-
Subtotal - Charges for Services	10,088,022	9,974,523	10,627,951	11,523,969
<u>Miscellaneous</u>				
Miscellaneous	32,320	75,000	92,185	75,000
Subtotal - Miscellaneous	32,320	75,000	92,185	75,000
TOTAL SARA WASTEWATER SYSTEM FUND	\$ 10,726,105	\$ 10,629,973	\$ 11,226,203	\$ 12,184,928

Revenues Fiscal Year Ending June 30, 2021	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Estimate	FY 2020-21 Budget
<u>SALITRILLO OPERATING FUND (71)</u>				
<u>Investment Earnings</u>				
Investment Earnings	\$ 19,333	\$ 15,000	21,000	10,000
Subtotal - Investment Earnings	19,333	15,000	21,000	10,000
<u>Intergovernmental Revenue</u>				
Intergovernmental Revenue	507,548	566,552	600,841	282,693
Subtotal - Intergovernmental Revenue	507,548	566,552	600,841	282,693
<u>Charges for Services</u>				
Sewer Fees	4,500,522	5,271,116	5,252,053	6,122,948
Gain on Sale/Disp of Assets	1,655	-	-	-
Subtotal - Charges for Services	4,502,176	5,271,116	5,252,053	6,122,948
<u>Debt Proceeds</u>				
Debt Proceeds	-	2,033,175	1,874,178	-
Subtotal - Debt Proceeds	-	2,033,175	1,874,178	-
TOTAL SALITRILLO OPERATING FUND	\$ 5,029,057	\$ 7,885,843	\$ 7,748,072	\$ 6,415,641
<u>RANDOLPH AFB CONTRACT FUND (73)</u>				
<u>Intergovernmental Revenue</u>				
Intergovernmental Revenue	\$ 389,588	\$ 360,900	\$ 365,012	\$ 369,134
Subtotal - Intergovernmental Revenue	389,588	360,900	365,012	369,134
TOTAL RANDOLPH AFB CONTRACT FUND	\$ 389,588	\$ 360,900	\$ 365,012	\$ 369,134
<u>SARA WASTEWATER SERVICES CONSTRUCTION AND IMPROVEMENT FUND (80)</u>				
<u>Investment Earnings</u>				
Investment Earnings	\$ 282,492	\$ 150,000	\$ 223,065	\$ 100,000
Subtotal - Investment Earnings	282,492	150,000	223,065	100,000
<u>Intergovernmental Revenue</u>				
Intergovernmental Revenue	75,756	-	-	-
Subtotal Intergovernmental Revenue	75,756	-	-	-
<u>Charges for Services</u>				
Connection Fees	5,958,250	2,645,000	3,207,634	2,810,000
Subtotal - Charges for Services	5,958,250	2,645,000	3,207,634	2,810,000
<u>Debt Proceeds</u>				
Debt Proceeds	-	-	-	11,000,000
Subtotal - Debt Proceeds	-	-	-	11,000,000
<u>Transfers / Other</u>				
Transfers	3,250,000	2,900,000	2,900,000	3,800,000
Sale of Fixed Assets / Other	-	-	-	-
Subtotal - Transfers / Other	3,250,000	2,900,000	2,900,000	3,800,000
<u>Miscellaneous</u>				
Miscellaneous	214,945	-	144,904	-
Subtotal - Miscellaneous	214,945	-	144,904	-

Revenues Fiscal Year Ending June 30, 2021		FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Estimate	FY 2020-21 Budget
TOTAL SARA WW C&I FUND		\$ 9,781,443	\$ 5,695,000	\$ 6,475,603	\$ 17,710,000
SALITRILLO CONSTRUCTION AND IMPROVEMENTS FUND (81)					
<u>Investment Earnings</u>					
Investment Earnings	\$	96,242	\$ 75,000	\$ 96,808	\$ 75,000
Subtotal - Investment Earnings		96,242	75,000	96,808	75,000
<u>Charges for Services</u>					
Impact Fees					
Connection Fees		460,986	322,500	406,350	303,750
Subtotal - Charges for Services		460,986	322,500	406,350	303,750
<u>Debt Proceeds</u>					
Debt Proceeds		-	25,000,000	-	25,000,000
Subtotal - Debt Proceeds		-	25,000,000	-	25,000,000
<u>Transfers</u>					
Transfers		1,700,000	2,500,000	2,500,000	2,000,000
Subtotal - Transfers		1,700,000	2,500,000	2,500,000	2,000,000
TOTAL SALITRILLO C&I FUND		\$ 2,257,228	\$ 27,897,500	\$ 3,003,158	\$ 27,378,750
RANDOLPH AFB RENEWALS FUND (83)					
<u>Investment Earnings</u>					
Investment Earnings	\$	22,739	\$ 15,000	\$ 23,723	\$ 10,000
Subtotal - Investment Earnings		22,739	15,000	23,723	10,000
<u>Intergovernmental Revenue</u>					
Intergovernmental Revenue		558,254	1,505,613	760,692	1,155,089
Subtotal - Intergovernmental Revenue		558,254	1,505,613	760,692	1,155,089
TOTAL RANDOLPH AFB RENEWALS FUND		\$ 580,993	\$ 1,520,613	\$ 784,415	\$ 1,165,089
INSURANCE FUND (90)					
<u>Investment Earnings</u>					
Investment Earnings	\$	26,048	\$ 18,000	\$ 18,376	\$ 10,000
Subtotal - Investment Earnings		26,048	18,000	18,376	10,000
<u>Miscellaneous</u>					
Health Premiums		3,105,406	2,872,206	3,052,998	3,687,832
Dental Premiums		126,302	190,190	97,577	-
Vision Premiums		46,895	41,217	37,230	-
Participant Fees		29,859	-	18,466	-
Fitness Membership-Wellness		20,263	20,000	21,911	20,000
Subtotal - Miscellaneous		3,328,725	3,123,613	3,228,182	3,707,832
TOTAL INSURANCE FUND		\$ 3,354,773	\$ 3,141,613	\$ 3,246,558	\$ 3,717,832
TOTAL AVAILABLE REVENUES		\$ 135,708,942	\$ 325,403,129	\$ 116,680,331	\$ 292,723,996



SAN ANTONIO

RIVER AUTHORITY

ALL FUNDS BUDGET SUMMARY



San Antonio River, Karnes County

All Funds Summary Fiscal Year Ending June 30, 2021

	FY 2020-21	FY 2020-21
	All Funds	General Fund

AVAILABLE FUNDS

Beginning Balance

Unassigned Fund Balance	\$ 12,122,718	\$ 12,122,718
Unrestricted Fund Balance	10,975,292	-
Committed Balance	4,057,945	-
Assigned for Projects	16,435,998	-
Restricted Fund Balance	38,051,984	-
Total Beginning Balance	\$ 81,643,937	\$ 12,122,718

Revenue

Taxes, Penalties and Interest	\$ 33,770,377	\$ 33,770,377
Intergovernmental	183,422,974	225,000
Charges for Services	21,807,344	490,500
Miscellaneous	235,000	40,000
Investment Earnings	463,880	175,900
Reimbursements	-	-
Proceeds from Debt Issuance	36,000,000	-
Impact/Connection Fees	3,113,750	-
Transfers - Support Fees	1,939,977	1,939,977
Transfers	11,970,694	-
Total Revenue	\$ 292,723,995	\$ 36,641,754

TOTAL AVAILABLE FUNDS	\$ 374,367,933	\$ 48,764,472
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APPROPRIATIONS

Expenditures

Personnel Expenditures	\$ 25,186,902	\$ 20,937,852
Operating Expenditures	25,015,141	13,123,162
Capital Outlay	1,302,298	591,979
Capital Improvement Projects	246,465,487	-
Debt Service	7,551,160	-
Transfers	13,910,675	6,170,698
Reimbursements	(1,654,188)	(969,650)
Total Expenditures	\$ 317,777,475	\$ 39,854,041

Ending Balance

Unassigned Fund Balance	8,910,431	8,910,431
Unrestricted Fund Balance	6,796,219	-
Committed Balance	4,501,588	-
Assigned for Projects	237,174	-
Restricted Fund Balance	36,145,047	-
Ending Balance	\$ 56,590,458	\$ 8,910,431

TOTAL APPROPRIATIONS	\$ 374,367,933	\$ 48,764,472
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All Funds Summary Fiscal Year Ending June 30, 2021	Utility Operating Funds			Special Revenue Funds
	FY 2020-21 SARA Wastewater	FY 2020-21 Salitrillo Wastewater	FY 2020-21 Randolph Air Force Base	FY 2020-21 SACIP Land Sales

AVAILABLE FUNDS

Beginning Balance

Unassigned Fund Balance	\$ -	\$ -	\$ -	\$ -
Unrestricted Fund Balance	5,852,779	2,877,371	437,143	-
Committed Balance	-	-	-	-
Assigned for Projects	-	-	-	-
Restricted Fund Balance	-	-	-	163,721
Total Beginning Balance	\$ 5,852,779	\$ 2,877,371	\$ 437,143	\$ 163,721

Revenue

Taxes, Penalties and Interest	\$ -	\$ -	\$ -	\$ -
Intergovernmental	535,959	282,693	369,134	-
Charges for Services	11,423,969	6,122,948	-	60,995
Miscellaneous	175,000	-	-	-
Investment Earnings	50,000	10,000	-	1,500
Reimbursements	-	-	-	-
Proceeds from Debt Issuance	-	-	-	-
Impact/Connection Fees	-	-	-	-
Transfers - Support Fees	-	-	-	-
Transfers	-	-	-	-
Total Revenue	\$ 12,184,928	\$ 6,415,641	\$ 369,134	\$ 62,495

TOTAL AVAILABLE FUNDS	\$ 18,037,707	\$ 9,293,012	\$ 806,277	\$ 226,216
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APPROPRIATIONS

Expenditures

Personnel Expenditures	\$ 2,917,873	\$ 1,331,177	\$ -	\$ -
Operating Expenditures	2,835,946	1,074,651	350,638	-
Capital Outlay	489,819	133,000	87,500	-
Capital Improvement Projects	-	-	-	41,099
Debt Service	1,664,783	1,248,557	-	-
Transfers	5,125,623	2,614,354	-	-
Reimbursements	(684,538)	-	-	-
Total Expenditures	\$ 12,349,506	\$ 6,401,739	\$ 438,138	\$ 41,099

Ending Balance

Unassigned Fund Balance	-	-	-	-
Unrestricted Fund Balance	2,766,822	1,872,455	368,139	-
Committed Balance	-	-	-	-
Assigned for Projects	-	-	-	-
Restricted Fund Balance	2,921,379	1,018,818	-	185,117
Ending Balance	\$ 5,688,201	\$ 2,891,273	\$ 368,139	\$ 185,117

TOTAL APPROPRIATIONS	\$ 18,037,707	\$ 9,293,012	\$ 806,277	\$ 226,216
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All Funds Summary
Fiscal Year Ending June 30, 2021

Special Revenue Funds

	FY 2020-21 Public Facilities Corp	FY 2020-21 Industrial Dev Authority	FY 2020-21 Park Resources Development	FY 2020-21 Water Planning Group
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AVAILABLE FUNDS

Beginning Balance

Unassigned Fund Balance	\$ -	\$ -	\$ -	\$ -
Unrestricted Fund Balance	-	-	-	-
Committed Balance	-	4,697	260,511	-
Assigned for Projects	4,170,537	-	-	-
Restricted Fund Balance	-	-	-	-
Total Beginning Balance	\$ 4,170,537	\$ 4,697	\$ 260,511	\$ -

Revenue

Taxes, Penalties and Interest	\$ -	\$ -	\$ -	\$ -
Intergovernmental	-	-	-	230,741
Charges for Services	-	-	20,000	-
Miscellaneous	-	-	-	-
Investment Earnings	7,000	80	1,000	350
Reimbursements	-	-	-	-
Proceeds from Debt Issuance	-	-	-	-
Impact/Connection Fees	-	-	-	-
Transfers - Support Fees	-	-	-	-
Transfers	998,899	1,223	-	-
Total Revenue	\$ 1,005,899	\$ 1,303	\$ 21,000	\$ 231,091

TOTAL AVAILABLE FUNDS **\$ 5,176,436** **\$ 6,000** **\$ 281,511** **\$ 231,091**

APPROPRIATIONS

Expenditures

Personnel Expenditures	\$ -	\$ -	\$ -	\$ -
Operating Expenditures	-	6,000	-	231,091
Capital Outlay	-	-	-	-
Capital Improvement Projects	3,844,538	-	172,660	-
Debt Service	1,099,249	-	-	-
Transfers	-	-	-	-
Reimbursements	-	-	-	-
Total Expenditures	\$ 4,943,787	\$ 6,000	\$ 172,660	\$ 231,091

Ending Balance

Unassigned Fund Balance	-	-	-	-
Unrestricted Fund Balance	-	-	-	-
Committed Balance	-	-	108,851	-
Assigned for Projects	232,649	-	-	-
Restricted Fund Balance	-	-	-	-
Ending Balance	\$ 232,649	\$ -	\$ 108,851	\$ -

TOTAL APPROPRIATIONS **\$ 5,176,436** **\$ 6,000** **\$ 281,511** **\$ 231,091**

All Funds Summary Fiscal Year Ending June 30, 2021	Special Revenue Funds			Debt Service Fund
	FY 2020-21 Edward Aquifer/RWRDG	FY 2020-21 Regional Water Alliance	FY 2020-21 Grants	FY 2020-21 Debt Service

AVAILABLE FUNDS

Beginning Balance

Unassigned Fund Balance	\$ -	\$ -	\$ -	\$ -
Unrestricted Fund Balance	-	-	-	-
Committed Balance	-	-	-	-
Assigned for Projects	-	-	-	-
Restricted Fund Balance	124,408	27,572	152,708	2,560,838
Total Beginning Balance	\$ 124,408	\$ 27,572	\$ 152,708	\$ 2,560,838

Revenue

Taxes, Penalties and Interest	\$ -	\$ -	\$ -	-
Intergovernmental	275,500	4,400	5,939,908	2,935,268
Charges for Services	1,100	-	-	-
Miscellaneous	-	-	-	-
Investment Earnings	-	50	-	5,000
Reimbursements	-	-	-	-
Proceeds from Debt Issuance	-	-	-	-
Impact/Connection Fees	-	-	-	-
Transfers - Support Fees	-	-	-	-
Transfers	-	-	-	598,303
Total Revenue	\$ 276,600	\$ 4,450	\$ 5,939,908	\$ 3,538,571

TOTAL AVAILABLE FUNDS	\$ 401,008	\$ 32,022	\$ 6,092,616	\$ 6,099,409
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APPROPRIATIONS

Expenditures

Personnel Expenditures	\$ -	\$ -	\$ -	\$ -
Operating Expenditures	401,008	3,000	3,092,616	-
Capital Outlay	-	-	-	-
Capital Improvement Projects	-	-	3,000,000	-
Debt Service	-	-	-	3,538,571
Transfers	-	-	-	-
Reimbursements	-	-	-	-
Total Expenditures	\$ 401,008	\$ 3,000	\$ 6,092,616	\$ 3,538,571

Ending Balance

Unassigned Fund Balance	-	-	-	-
Unrestricted Fund Balance	-	-	-	-
Committed Balance	-	-	-	-
Assigned for Projects	-	-	-	-
Restricted Fund Balance	-	29,022	-	2,560,838
Ending Balance	\$ -	\$ 29,022	\$ -	\$ 2,560,838

TOTAL APPROPRIATIONS	\$ 401,008	\$ 32,022	\$ 6,092,616	\$ 6,099,409
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All Funds Summary Fiscal Year Ending June 30, 2021	Insurance Fund	Capital Improvement Funds		
		FY 2020-21 Insurance	FY 2020-21 SARA Project	FY 2020-21 City of San Antonio CIP Bexar County CIP

AVAILABLE FUNDS

Beginning Balance

Unassigned Fund Balance	\$ -	\$ -	\$ -	\$ -
Unrestricted Fund Balance	1,807,999	-	-	-
Committed Balance	-	3,792,737	-	-
Assigned for Projects	-	12,265,461	-	-
Restricted Fund Balance	-	-	88,417	-
Total Beginning Balance	\$ 1,807,999	\$ 16,058,198	\$ 88,417	\$ -

Revenue

Taxes, Penalties and Interest	\$ -	\$ -	\$ -	\$ -
Intergovernmental	-	-	2,792,483	202,181
Charges for Services	3,687,832	-	-	-
Miscellaneous	20,000	-	-	-
Investment Earnings	10,000	-	-	-
Reimbursements	-	-	-	-
Proceeds from Debt Issuance	-	-	-	-
Impact/Connection Fees	-	-	-	-
Transfers - Support Fees	-	-	-	-
Transfers	-	4,572,269	-	-
Total Revenue	\$ 3,717,832	\$ 4,572,269	\$ 2,792,483	\$ 202,181

TOTAL AVAILABLE FUNDS \$ 5,525,832 \$ 20,630,467 \$ 2,880,900 \$ 202,181

APPROPRIATIONS

Expenditures

Personnel Expenditures	\$ -	\$ -	\$ -	\$ -
Operating Expenditures	3,737,029	-	-	-
Capital Outlay	-	-	-	-
Capital Improvement Projects	-	16,237,730	2,880,900	202,181
Debt Service	-	-	-	-
Transfers	-	-	-	-
Reimbursements	-	-	-	-
Total Expenditures	\$ 3,737,029	\$ 16,237,730	\$ 2,880,900	\$ 202,181

Ending Balance

Unassigned Fund Balance	-	-	-	-
Unrestricted Fund Balance	1,788,802	-	-	-
Committed Balance	-	4,392,737	-	-
Assigned for Projects	-	-	-	-
Restricted Fund Balance	-	-	-	-
Ending Balance	\$ 1,788,802	\$ 4,392,737	\$ -	\$ -

TOTAL APPROPRIATIONS \$ 5,525,832 \$ 20,630,467 \$ 2,880,900 \$ 202,181

All Funds Summary
Fiscal Year Ending June 30, 2021

Capital Improvement Funds

	FY 2020-21 Medina Dam	FY 2020-21 Bexar County SARIP Flood Tax	FY 2020-21 Bexar County Westside Creek	FY 2020-21 Downstream CIP
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AVAILABLE FUNDS

Beginning Balance

Unassigned Fund Balance	\$ -	\$ -	\$ -	\$ -
Unrestricted Fund Balance	-	-	-	-
Committed Balance	-	-	-	-
Assigned for Projects	-	-	-	-
Restricted Fund Balance	-	37,701	132,027	366,393
Total Beginning Balance	\$ -	\$ 37,701	\$ 132,027	\$ 366,393

Revenue

Taxes, Penalties and Interest	\$ -	\$ -	\$ -	\$ -
Intergovernmental	160,000	26,419,612	112,218,187	-
Charges for Services	-	-	-	-
Miscellaneous	-	-	-	-
Investment Earnings	-	3,000	10,000	5,000
Reimbursements	-	-	-	-
Proceeds from Debt Issuance	-	-	-	-
Impact/Connection Fees	-	-	-	-
Transfers - Support Fees	-	-	-	-
Transfers	-	-	-	-
Total Revenue	\$ 160,000	\$ 26,422,612	\$ 112,228,187	\$ 5,000

TOTAL AVAILABLE FUNDS	\$ 160,000	\$ 26,460,312	\$ 112,360,214	\$ 371,393
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APPROPRIATIONS

Expenditures

Personnel Expenditures	\$ -	\$ -	\$ -	\$ -
Operating Expenditures	160,000	-	-	-
Capital Outlay	-	-	-	-
Capital Improvement Projects	-	26,460,312	112,360,214	371,393
Debt Service	-	-	-	-
Transfers	-	-	-	-
Reimbursements	-	-	-	-
Total Expenditures	\$ 160,000	\$ 26,460,312	\$ 112,360,214	\$ 371,393

Ending Balance

Unassigned Fund Balance	-	-	-	-
Unrestricted Fund Balance	-	-	-	-
Committed Balance	-	-	-	-
Assigned for Projects	-	-	-	-
Restricted Fund Balance	-	-	-	-
Ending Balance	\$ -	\$ -	\$ -	\$ -

TOTAL APPROPRIATIONS	\$ 160,000	\$ 26,460,312	\$ 112,360,214	\$ 371,393
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All Funds Summary
Fiscal Year Ending June 30, 2021

Capital Improvement Funds

	FY 2020-21	FY 2020-21	FY 2020-21
	Bexar County Capital Projects	City of San Antonio Westside Creeks	Other Capital Projects Fund

AVAILABLE FUNDS

Beginning Balance

Unassigned Fund Balance	\$ -	\$ -	\$ -
Unrestricted Fund Balance	-	-	-
Committed Balance	-	-	-
Assigned for Projects	-	-	-
Restricted Fund Balance	54,536	19,703	211,856
Total Beginning Balance	\$ 54,536	\$ 19,703	\$ 211,856

Revenue

Taxes, Penalties and Interest	\$ -	\$ -	\$ -
Intergovernmental	342,837	19,669,960	9,664,023
Charges for Services	-	-	-
Miscellaneous	-	-	-
Investment Earnings	-	-	-
Reimbursements	-	-	-
Proceeds from Debt Issuance	-	-	-
Impact/Connection Fees	-	-	-
Transfers - Support Fees	-	-	-
Transfers	-	-	-
Total Revenue	\$ 342,837	\$ 19,669,960	\$ 9,664,023

TOTAL AVAILABLE FUNDS	\$ 397,373	\$ 19,689,663	\$ 9,875,879
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APPROPRIATIONS

Expenditures

Personnel Expenditures	\$ -	\$ -	\$ -
Operating Expenditures	-	-	-
Capital Outlay	-	-	-
Capital Improvement Projects	392,848	19,689,663	9,875,879
Debt Service	-	-	-
Transfers	-	-	-
Reimbursements	-	-	-
Total Expenditures	\$ 392,848	\$ 19,689,663	\$ 9,875,879

Ending Balance

Unassigned Fund Balance	-	-	-
Unrestricted Fund Balance	-	-	-
Committed Balance	-	-	-
Assigned for Projects	4,525	-	-
Restricted Fund Balance	-	-	-
Ending Balance	\$ 4,525	\$ -	\$ -

TOTAL APPROPRIATIONS	\$ 397,373	\$ 19,689,663	\$ 9,875,879
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All Funds Summary
Fiscal Year Ending June 30, 2021

Capital Improvement Funds

	FY 2020-21 SARA Wastewater Construction	FY 2020-21 Salitrillo Construction	FY 2020-21 Randolph Renewal and Replacement
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AVAILABLE FUNDS

Beginning Balance

Unassigned Fund Balance	\$ -	\$ -	\$ -
Unrestricted Fund Balance	-	-	-
Committed Balance	-	-	-
Assigned for Projects	-	-	-
Restricted Fund Balance	<u>22,533,622</u>	<u>9,631,117</u>	<u>\$ 1,947,367</u>
Total Beginning Balance	\$ 22,533,622	\$ 9,631,117	\$ 1,947,367

Revenue

Taxes, Penalties and Interest	\$ -	\$ -	\$ -
Intergovernmental	-	-	1,155,089
Charges for Services	-	-	-
Miscellaneous	-	-	-
Investment Earnings	100,000	75,000	10,000
Reimbursements	-	-	-
Proceeds from Debt Issuance	11,000,000	25,000,000	-
Impact/Connection Fees	2,810,000	303,750	-
Transfers - Support Fees	-	-	-
Transfers	<u>3,800,000</u>	<u>2,000,000</u>	<u>-</u>
Total Revenue	\$ 17,710,000	\$ 27,378,750	\$ 1,165,089

TOTAL AVAILABLE FUNDS	<u>\$ 40,243,622</u>	<u>\$ 37,009,867</u>	<u>\$ 3,112,456</u>
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APPROPRIATIONS

Expenditures

Personnel Expenditures	\$ -	\$ -	\$ -
Operating Expenditures	-	-	-
Capital Outlay	-	-	-
Capital Improvement Projects	18,128,800	30,735,122	2,072,150
Debt Service	-	-	-
Transfers	-	-	-
Reimbursements	<u>-</u>	<u>-</u>	<u>-</u>
Total Expenditures	\$ 18,128,800	\$ 30,735,122	\$ 2,072,150

Ending Balance

Unassigned Fund Balance	-	-	-
Unrestricted Fund Balance	-	-	-
Committed Balance	-	-	-
Assigned for Projects	-	-	-
Restricted Fund Balance	<u>22,114,823</u>	<u>6,274,745</u>	<u>1,040,306</u>
Ending Balance	\$ 22,114,823	\$ 6,274,745	\$ 1,040,306

TOTAL APPROPRIATIONS	<u>\$ 40,243,622</u>	<u>\$ 37,009,867</u>	<u>\$ 3,112,456</u>
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SAN ANTONIO

RIVER AUTHORITY

GENERAL FUND



San Antonio River
Falls City, Karnes County



General Fund

Fiscal Year Ending June 30, 2021

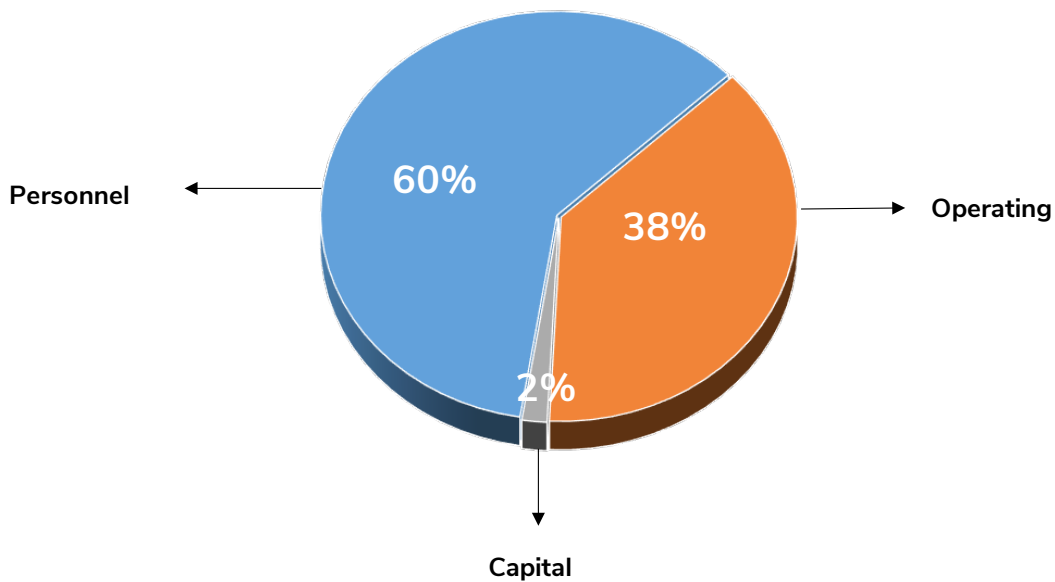
Accounts for the San Antonio River Authority's operations. The main source of revenue is property taxes. Functions funded through the General Fund include organizational support, board of directors, intergovernmental and community relations, facilities, human resources, watershed and park operations, finance, information technology, watershed engineering, environmental sciences, and real estate.

AVAILABLE FUNDS	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Estimate	FY 2020-21 Budget
Beginning Balance				
Operating Reserve - Unassigned	\$ 11,277,036	\$ 11,566,603	\$ 12,974,410	\$ 12,122,718
Total Beginning Balance	\$ 11,277,036	\$ 11,566,603	\$ 12,974,410	\$ 12,122,718
Revenue				
Taxes, Penalties and Interest	\$ 31,522,683	\$ 33,801,385	\$ 33,835,167	\$ 33,770,377
Intergovernmental Revenue	533,052	325,000	285,990	225,000
Charges for Services	547,637	515,000	517,429	490,500
Miscellaneous	334,393	15,000	94,617	40,000
Support Fees	1,996,561	1,939,977	1,939,977	1,939,977
Investment Income	863,999	350,000	383,284	175,900
Reimbursements	-	-	-	-
Operating Transfers	-	-	-	-
Total Revenue	\$ 35,798,326	\$ 36,946,362	\$ 37,056,464	\$ 36,641,754
TOTAL AVAILABLE FUNDS	\$ 47,075,362	\$ 48,512,965	\$ 50,030,874	\$ 48,764,472
APPROPRIATIONS				
Personnel Expenditures	\$ 18,166,994	\$ 19,934,647	\$ 19,158,557	\$ 20,937,852
Operating Expenditures	10,639,429	12,355,387	11,062,464	13,123,162
Capital Expenditures	918,629	920,302	887,858	591,979
Transfers	-	-	-	-
Debt Service, Other Transfers	599,557	693,324	693,324	1,598,429
Project Fund - Projects	4,953,705	6,908,710	6,908,710	3,972,269
Project Fund - Unrestricted Reserve	-	280,000	280,000	600,000
Reimbursements	(1,177,362)	(1,152,495)	(1,082,757)	(969,650)
TOTAL OPERATING APPROPRIATIONS	\$ 34,100,952	\$ 39,939,875	\$ 37,908,156	\$ 39,854,041
Operating Reserve - Unassigned	\$ 12,974,410	\$ 8,573,090	\$ 12,122,718	\$ 8,910,431
TOTAL APPROPRIATIONS	\$ 47,075,362	\$ 48,512,965	\$ 50,030,874	\$ 48,764,472

General Fund Expenditures

The FY 2020-21 General Fund Adopted Budget appropriations total \$48,764,472 which includes an operating reserve of \$8,910,431 and transfers of \$6,170,698. Expenditures total \$34,652,993 which is two percent more than the FY 2019-20 Adopted Budget. Expenditures include: Personnel (\$20,937,852), Operating (\$13,123,162), Capital (\$591,979), and Reimbursements of personnel expenditures (\$969,650).

FY 2020-21 Total General Fund Operating Expenditures: \$34,652,993



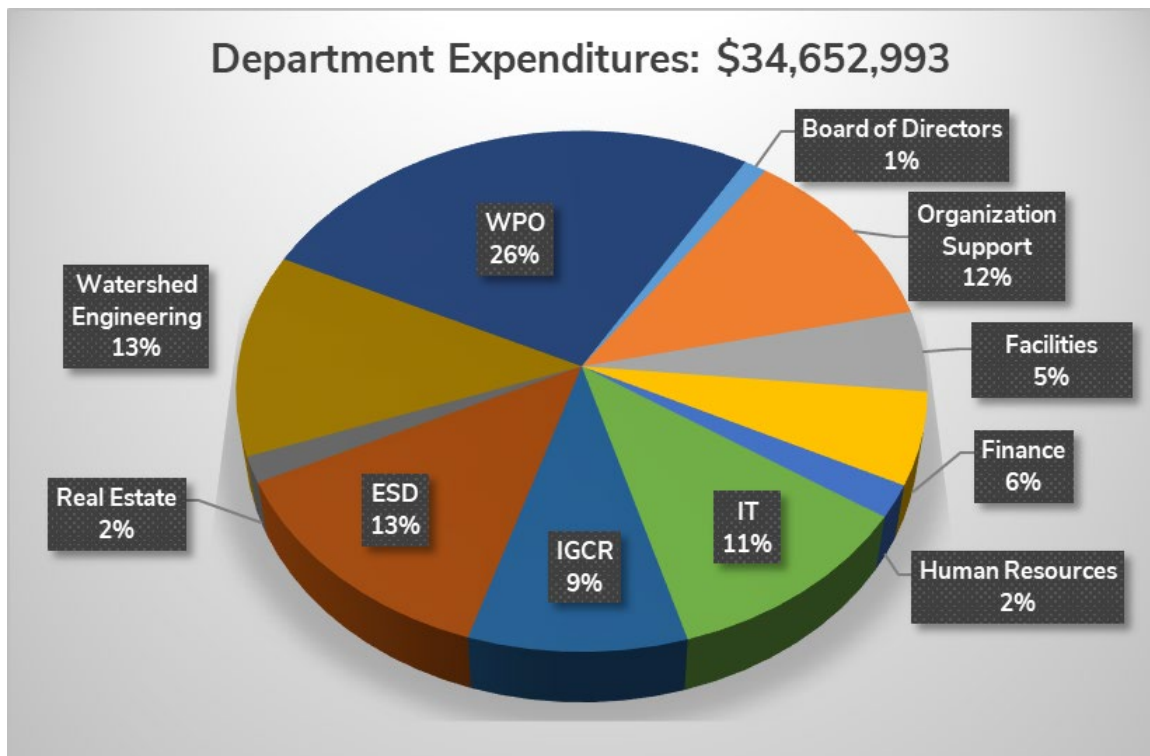
Operating Reserve

This reserve, by policy, targets three months of operating expenditures which includes personnel, supplies, contracted services and debt service expenditures. It does not include project related or capital expenditures or transfers.

The fund balance policy also includes an Unrestricted Reserve in the San Antonio River Authority Projects Fund (shown in the Capital Funds section of this document) that accounts for project related costs where the funding comes from the General Fund.

The FY 2020-21 Adopted Budget includes an Operating Reserve of \$8,910,431 which meets the target requirement of 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 \$13,303,168.

Function/Department	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Estimate	FY 2020-21 Budget
<u>General Government</u>				
Board of Directors	\$ 231,085	\$ 502,715	\$ 314,645	\$ 401,089
Organizational Support	3,995,859	4,681,254	4,311,595	4,073,907
Facilities	1,271,357	1,949,372	1,336,013	1,742,031
Finance	1,523,071	1,844,126	1,786,098	1,986,735
Human Resources	480,949	553,068	560,639	707,333
Information Technology	3,086,013	3,859,166	3,663,045	3,867,660
Intergovernmental and Community Relations	2,364,494	2,946,308	2,628,577	3,247,036
Total General Government	\$ 12,952,828	\$ 16,336,009	\$ 14,600,612	\$ 16,025,790
<u>Program Support and Services</u>				
Environmental Sciences	\$ 3,972,615	\$ 4,292,354	\$ 4,128,329	\$ 4,517,813
Real Estate	539,007	629,804	507,727	556,116
Watershed Engineering	4,199,614	4,264,104	3,944,055	4,372,200
Watershed and Park Operations	8,060,988	8,638,065	7,928,156	9,181,074
Total Program Support and Services	\$ 16,772,224	\$ 17,824,327	\$ 16,508,267	\$ 18,627,203
Operating Transfers	\$ 5,553,262	\$ 7,882,034	\$ 7,882,034	\$ 6,170,698
Reimbursements	(1,177,362)	(1,152,495)	(1,082,757)	(969,650)
TOTAL GENERAL FUND	\$ 34,100,952	\$ 39,939,875	\$ 37,908,156	\$ 39,854,041



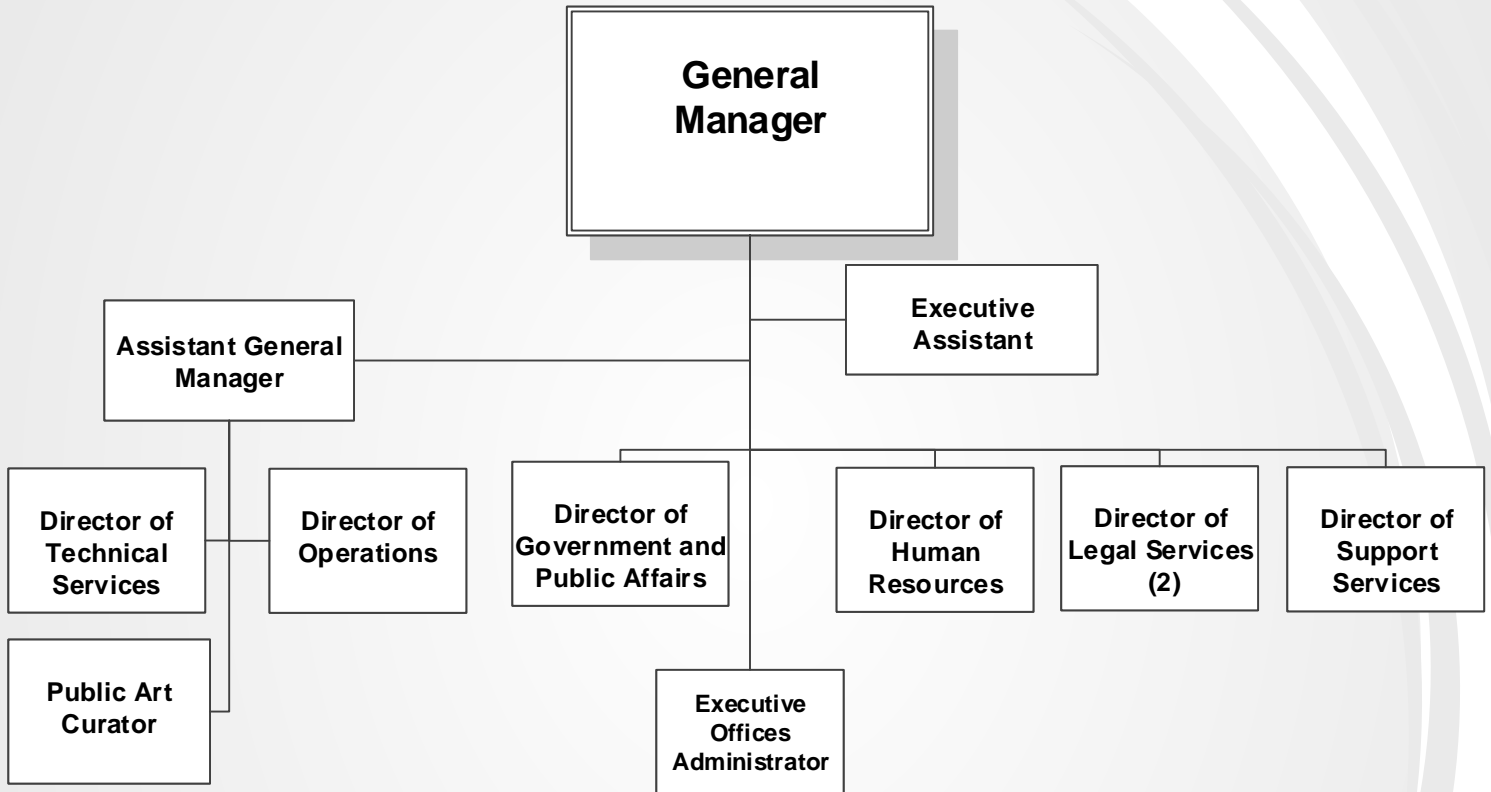
Board of Directors

The governance and control of the San Antonio 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, annual financial statement and monitors revenues and expenditures throughout the year. In addition, the Board monitors performance results on many key initiatives of the River Authority. As elected officials, the directors participate in numerous community activities and meetings throughout the basin as well as attending training and conferences to remain informed on federal, state and regional activities with impact on the River Authority's mission and service area responsibilities.

Appropriations:	<u>FY 2018-19</u>	<u>FY 2019-20</u>	<u>FY 2020-21</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Budget</u>
Personnel Expenditures	\$61,580	\$47,934	\$76,500
Operating Expenditures	169,505	266,711	324,589
Total Appropriations	\$231,085	\$314,645	\$401,089

Executive Office



Authorized Positions	FY19 Authorized	FY20 Authorized	FY21 Budget
Total Executive Office	13	13	15

Refer to appendix for full details

Organizational Support

Department Description

The Organizational Support budget includes personnel costs for the executive and support staff to the General Manager as well as costs impacting the organization as a whole such as, but not limited to, general insurance, appraisal district services, legislative services.

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, including submission of the annual financial audits.
- 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.

Appropriations:	<u>FY 2018-19</u>	<u>FY 2019-20</u>	<u>FY 2020-21</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Budget</u>
Personnel Expenditures	\$2,504,617	\$2,304,142	\$2,352,772
Operating Expenditures	1,491,242	1,561,562	1,721,135
Capital Expenditures	-	445,891	-
Total Appropriations	\$3,995,859	\$4,311,595	\$4,073,907

New Resources for FY 2020-21		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
Department Promotions	Adjustments to personnel cost based on authorized promotion opportunities for existing staff.	7,370
Public Art Intern	New position to support Public Art Program at the San Pedro Creek Culture Park.	15,131
Staff Attorney	New position to support contract review.	156,331
Total – Organizational Support		178,832

Facilities

**Director of
Operations**

**Facilities
Maintenance
(7)**

Authorized Positions	FY19 Authorized	FY20 Authorized	FY21 Budget
Total Facilities	7	7	7

Refer to appendix for full details

Facilities

Vision: Providing clean, safe, and secure facilities that inspires everyone.

Mission: Manage and maintain facilities programs that promote excellence and teamwork.

Department Description

The Facilities Team provides effective and efficient operations and maintenance for the River Authority's infrastructure and vehicle fleet. Responsibilities include security management, facilities management, fleet management, custodial services, and other support functions furnished to River Authority staff; these duties include managing HAVC systems, facility upgrades and renovations, vehicle purchases, and soliciting and selecting contractor and service providers. The department's goal is to consistently provide a clean, safe, comfortable, and sustainable work environment for employees, and ensure facilities are properly maintained to protect and improve organizational assets.

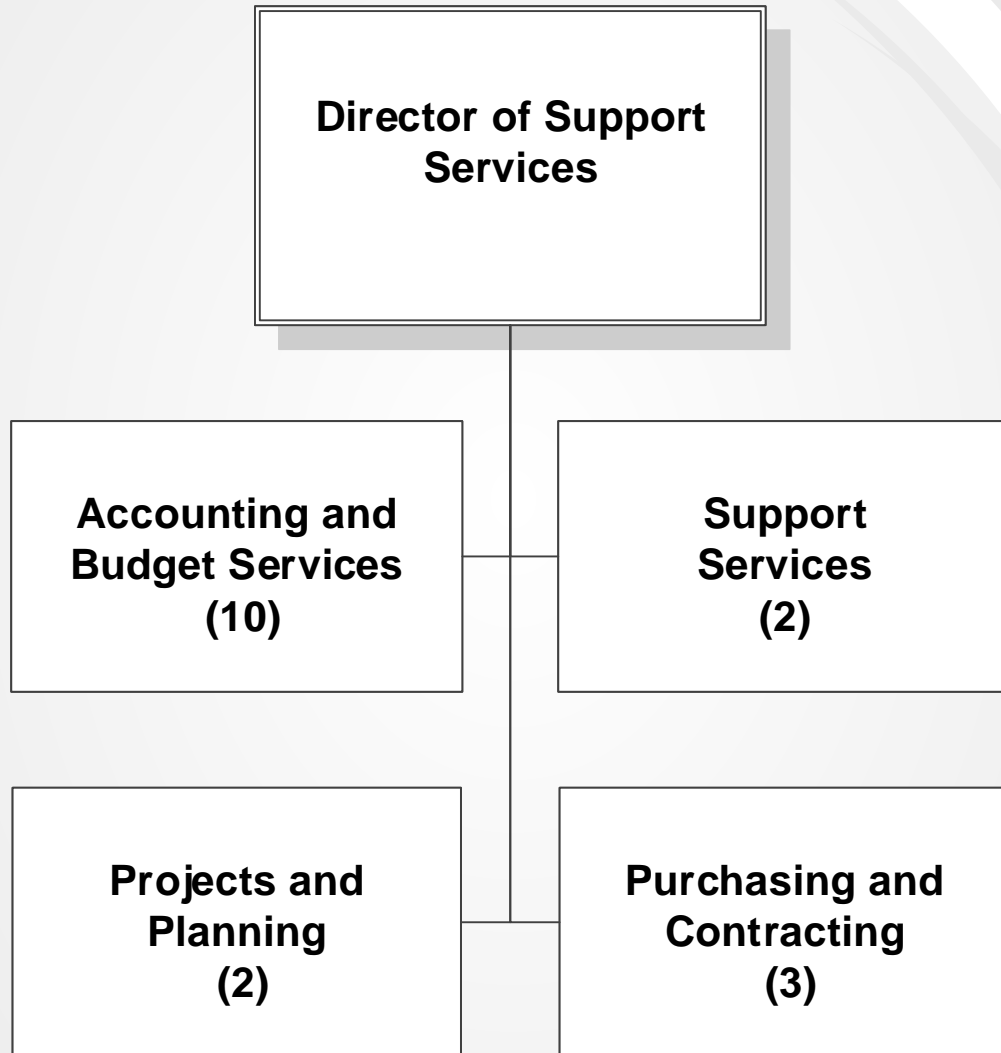
Department Goals

- ✓ Develop a vehicle care program that ensures problems are corrected within 48 hours.
- ✓ Upgrade HVAC management system to allow smart device monitoring and control.
- ✓ Upgrade security and access systems to provide clear and live surveillance, central control and monitoring, and immediate notification of potential security threats.
- ✓ Complete renovations to office space and boardroom at the Guenther location.
- ✓ Complete concept design on the Sheridan location.
- ✓ Solicit vendors for updated HVAC maintenance and service contract
- ✓ Inspect and upgrade fence and property intrusion devices to detect human activity only.

Appropriations:	<u>FY 2018-19</u>	<u>FY 2019-20</u>	<u>FY 2020-21</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Budget</u>
Personnel Expenditures	\$232,092	\$342,328	\$415,056
Operating Expenditures	924,910	873,850	1,173,663
Capital Expenditures	114,355	119,835	153,312
Total Appropriations	\$1,271,357	\$1,336,013	\$1,742,031

New Resources for FY 2020-21		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
Moving expense	This will cover the cost of relocating staff from Guenther to Sheridan.	25,000
Total – Facilities		25,000

Finance



Authorized Positions	FY19 Authorized	FY20 Authorized	FY21 Budget
Total Finance	15	16	17

Refer to appendix for full details

Finance

Vision: Provide support and expertise to make plans a reality.

Mission: Collectively identify and implement innovative solutions.

Department Description

The Finance Department provides high quality 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 supports the entire organization with respect to accounts payable, accounts receivable/cash receipts, budgeting, contracting, purchasing, fixed asset management, debt issuances, financial reporting, and payroll processing. Department staff take part in and serve as the financial representative many projects, efforts, and programs at the River Authority. Finance is also responsible for cash management, investing, internal controls and annual audits for all River Authority funds.

The Finance staff is responsible for developing and monitoring the annual operating and project budgets while assisting departments with fiscal planning, analysis and project management. Fiduciary responsibility is exercised daily 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.

Department Goals

- ✓ Conduct physical asset inventory
- ✓ Identify cross training opportunities
- ✓ Develop and deliver monthly management reporting
- ✓ Review monthly or quarterly
- ✓ Sunset Review preparation
- ✓ Identify new report development opportunities
- ✓ Establish and complete Project Management Framework
- ✓ Complete review of the project management software tool
- ✓ Publish updated website presence for planning and project management office
- ✓ Develop and implement strategies that increase competition on formal solicitations
- ✓ Determine how to track or demonstrate increase competition/participation in solicitation process
- ✓ Review spending and identify long term contract solutions for more strategic purchasing

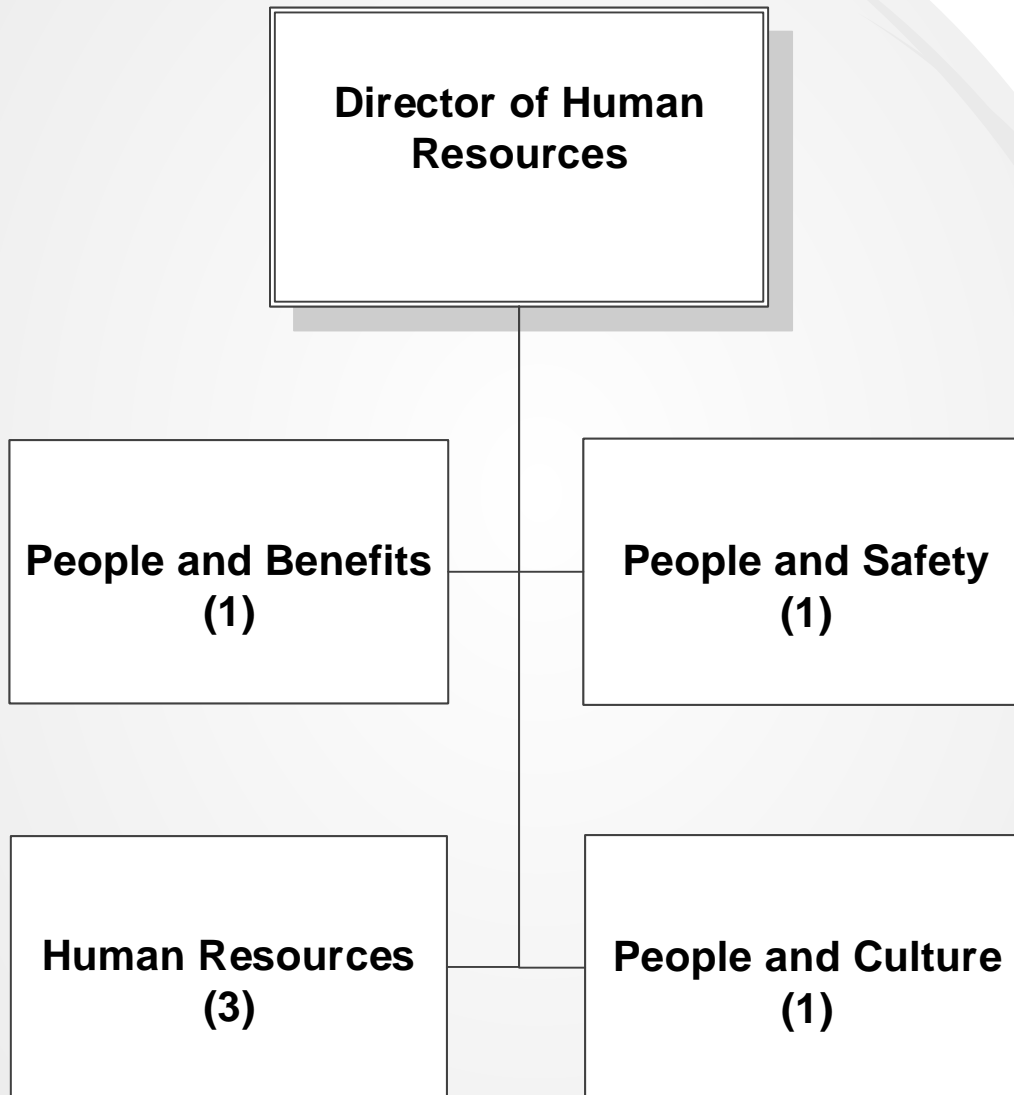
Appropriations:	<u>FY 2018-19</u> <u>Actual</u>	<u>FY 2019-20</u> <u>Estimate</u>	<u>FY 2020-21</u> <u>Budget</u>
Personnel Expenditures	\$1,126,271	\$1,369,730	\$1,469,483
Operating Expenditures	396,800	416,368	517,250
Capital Expenditures	-	-	-
Total Appropriations	\$1,523,071	\$1,786,098	\$1,986,735

New Resources for FY 2020-21		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
Accounting Technician I	The accounting team has greatly benefited from the LTE hire. The additional capacity has helped support the focus placed on asset/surplus process, collections, and increase volume of accounting transactions. The team is processing about 200 invoices per week, which has almost doubled in the last 18 months.	55,093
Report writing services	Contract for services to develop report capabilities for various business applications	10,000
Vendor Management	Vendor Management Module for Licenses and Maintenance which was requested and approved last fiscal year as a one-time need. This is a recurring need that was not included in the baseline.	15,300
Total - Finance		80,393

Performance Measures

Performance Measure	Goal	FY 2017-18 Actuals	FY 2018-19 Actuals	FY 2019-20 Actuals
Percentage of Vendors Paid Electronically	All	52%	51%	59%

Human Resources



Authorized Positions	FY19 Authorized	FY20 Authorized	FY21 Budget
Total Human Resources	6	6	6

Refer to appendix for full details

Human Resources

Vision: Building great teams of inspirers

Mission: Recruit, develop, and retain servant leaders and experts

Department Description

The Human Resources Department partners with 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 internal communications, compensation, benefits, safety and risk management, and training and development programs while supporting the River Authority culture.

Department Goals

- ✓ Organizational voluntary rate at 5% or less
- ✓ Workers compensation experience modifier at 1.00 or less
- ✓ Per employee per month cost of benefits increase less than 2%

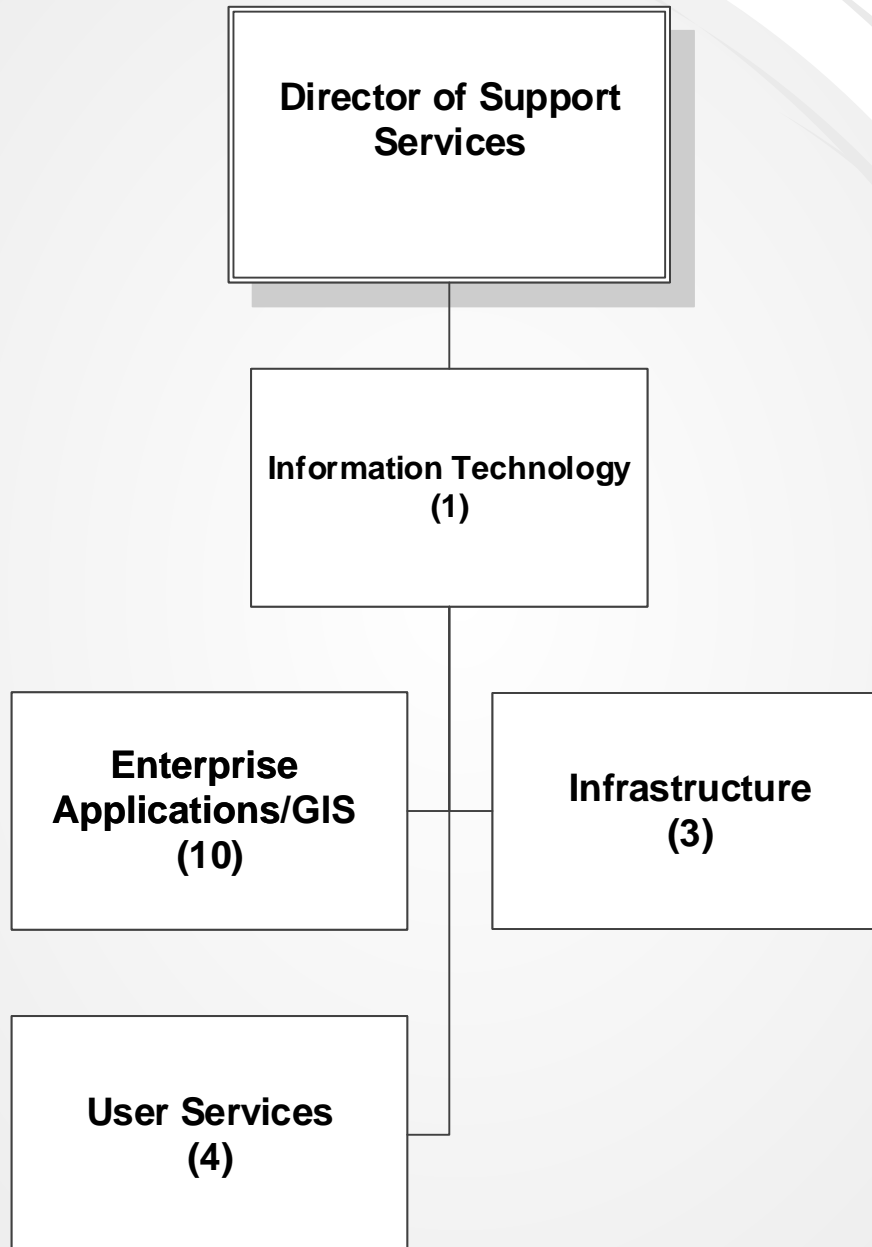
Appropriations:	<u>FY 2018-19</u>	<u>FY 2019-20</u>	<u>FY 2020-21</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Budget</u>
Personnel Expenditures	\$408,349	\$482,146	\$461,389
Operating Expenditures	72,600	78,494	245,944
Capital Expenditures	-	-	-
Total Appropriations	\$480,949	\$560,640	\$707,333

New Resources for FY 2020-21		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
Training Funds	Increase department training budget to \$14,000 based on \$3,000 per exempt office staff and \$2,000 per non-exempt office staff.	5,000
Total - Human Resources		5,000

Performance Measures

Performance Measure	Goal	FY 2017-18 Actuals	FY 2018-19 Actuals	FY 2019-20 Actuals
Workers Compensation - Claims	All	8	13	12
Experience Modifier	All	0.96	0.94	1.33

Information Technology



Authorized Positions	FY19 Authorized	FY20 Authorized	FY21 Budget
Total Information Technology	18	18	18

Refer to appendix for full details

Information Technology

Vision: Information Technology will be recognized as a high-performance team providing technological excellence that aligns with the River Authority's mission and goals.

Mission: Provide a leadership role in support of technical excellence, administrative decision-making and operational effectiveness.

Department Description

The Information Technology (IT) department serves as the strategic technological leader of the organization to ensure that the River Authority operates in a highly efficient and secure manner.

The IT Department is composed of three teams: Customer Support, Infrastructure, and Business Applications / Development that includes GIS. Together we collaborate to equip the River Authority with the necessary tools to overcome obstacles and accelerate the fulfillment of our organizational objectives.

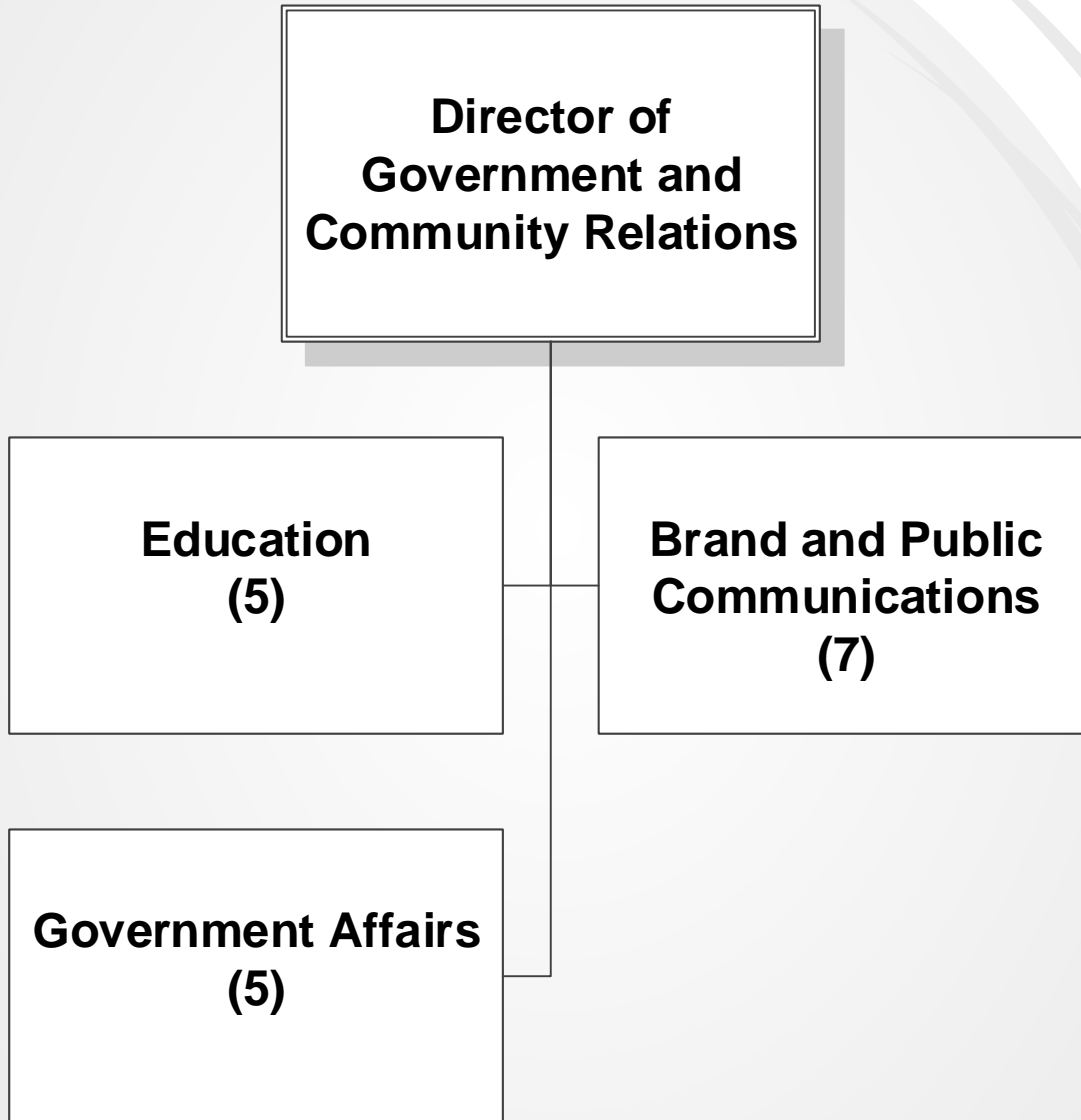
Department Goals

- ✓ Support planning, testing and upgrade of the enterprise financial system
- ✓ Advance GIS data management plan initiative
- ✓ Support technology components of facilities improvement projects
- ✓ Solidify backup process, standards, and business continuity
- ✓ Evaluate future data storage requirements and renewal of existing infrastructure
- ✓ Continue deploying user experience enhancements to Office 365

Appropriations:	<u>FY 2018-19</u>	<u>FY 2019-20</u>	<u>FY 2020-21</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Budget</u>
Personnel Expenditures	\$1,217,184	\$1,466,901	\$1,581,290
Operating Expenditures	1,691,760	2,017,145	2,286,370
Capital Expenditures	177,069	179,000	-
Total Appropriations	\$3,086,013	\$3,663,046	\$3,867,660

New Resources for FY 2020-21		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
LTE Admin Support	The position will focus on File/Folder restructure and document management Effort.	56,040
Hardware Refresh	Replace aging network equipment (switches) at offsite locations to FortiNet (review total locations needed)	22,962
Hardware Refresh	Replace 6 ESXI hosts at Euclid (\$15,000/each)	90,000
Software: NearMap	Add 3D Imagery to current NearMap license and support	15,000
Hardware Upgrade	Upgrade GIS/IGCR (storage) compellent to 96TB. IGCR is no longer working with third party consultant and needs to host raw video footage onsite.	75,000
Computer Refresh	Estimated: 38 Desktops, 13 laptops, 1 precision laptop, 1 MAC, 4 Towers, 70 monitors, peripherals and deployment costs.	94,475
Martinez II - UPS	Uninterruptable Power Source battery replacement as per support schedule for preventative maintenance.	3,715
Total - Information Technology		357,192

Intergovernmental Community Relations



Authorized Positions	FY19 Authorized	FY20 Authorized	FY21 Budget
Total Intergovernmental Community Relations	16	16	17

Refer to appendix for full details

Intergovernmental and Community Relations

Vision: Uniting communities through innovative technologies to inspire environmental awareness

Mission: Engaging federal, state, and local officials and agencies to secure regional collaboration and generate a shared focus on safe, clean and enjoyable creeks and rivers. Conducting community outreach and education to expand citizen engagement and support.

Department Description

The Intergovernmental and Community Relations Department (IGCR) supports the River Authority's government relations and public communications. The Government Affairs (GA) team works to strengthen and influence relationships between governmental entities, external stakeholders, and constituents. The GA team collaborates closely with the General Manager, executive team, managers, and other key staff to create effective public policy positions and implement strategic external communication tactics. These efforts are intended to ensure the agency's leadership role in developing and informing public policies that promote our mission. Team members also serve as liaisons to other departments to support their initiatives and communication needs.

The Public Communications team works to strengthen and influence relationships with constituents and external stakeholders through management of the River Authority's brand identity, communications, and education activities. The communications team oversees the River Authority's strategic outreach efforts, including creative content development, visual identity, media relations, marketing, public events, website, and social media channels. With a keen focus on inspiring and engaging the community, the communications team coordinates closely with subject matter experts throughout the organization to facilitate timely distribution of relevant information and execution of community events. The education and engagement team creates and utilizes the best environmental education practices and tools to support volunteers, educators, and students of all ages in promoting early stewardship and sustainability of the San Antonio River and its tributaries.

Department Goals

- ✓ Create and facilitate the federal and state legislative agendas
- ✓ Engage in and provide support for the agency's local public policy positions, including strengthening governmental and community ties in the southern basin
- ✓ Enhance the speaker's bureau program
- ✓ Enhance and manage the Household Hazardous Waste Collection events
- ✓ Explore opportunities to increase readership base for the River Reach
- ✓ Progress and promote the agency's brand identity

- ✓ Enhance constituent engagement and education outreach activities including facilitating the agency's volunteer program, providing professional development for educators, and collaborating with external organizations on education programs
- ✓ Develop and execute strategic and proactive external communications plan to optimize our content and channels

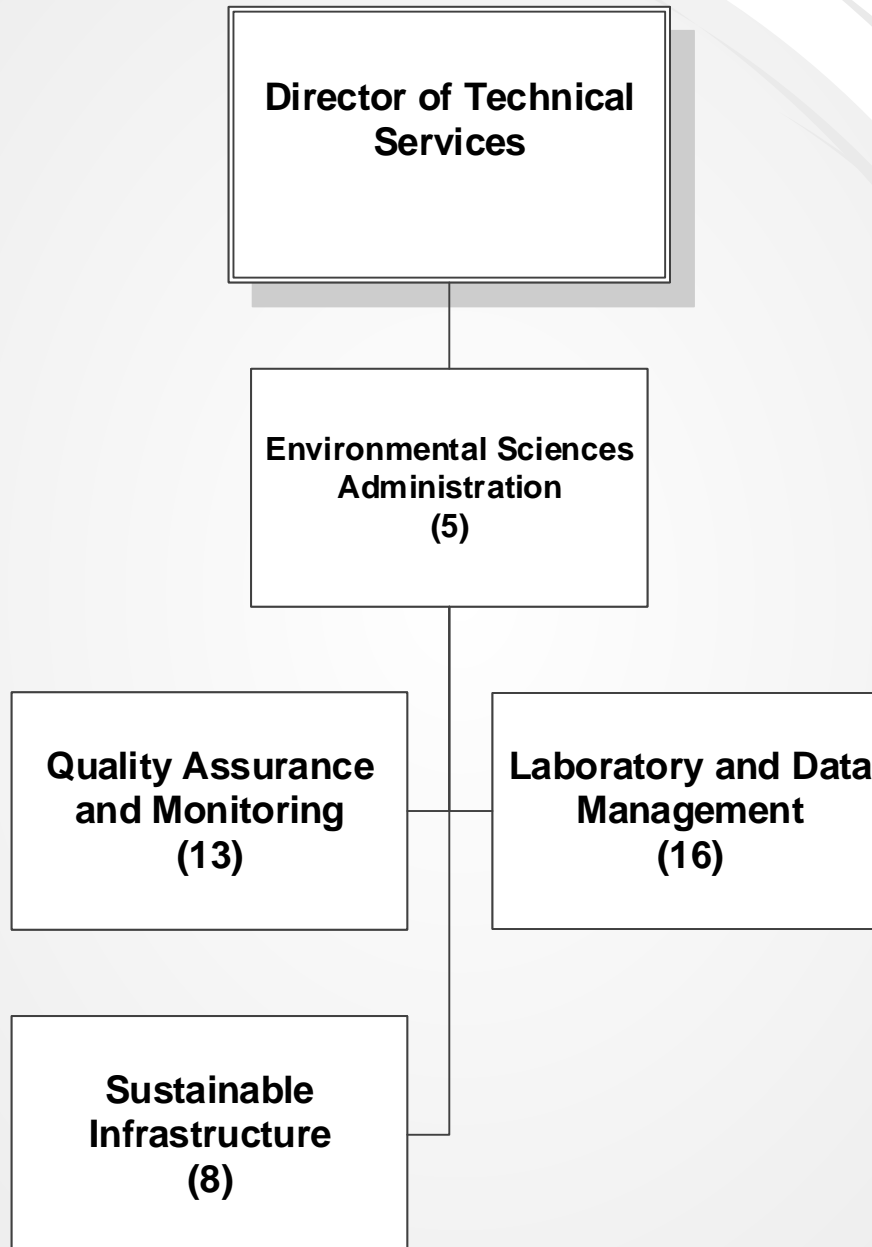
Appropriations:	<u>FY 2018-19</u>	<u>FY 2019-20</u>	<u>FY 2020-21</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Budget</u>
Personnel Expenditures	\$1,084,605	\$1,190,509	\$1,461,229
Operating Expenditures	1,279,889	1,438,068	1,785,807
Capital Expenditures	-	-	-
Total Appropriations	\$2,364,494	\$2,628,577	\$3,247,036

New Resources for FY 2020-21		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
Community Relations Specialist	New position to support San Pedro Creek Culture Park operations and construction communication.	90,394
Escondido Creek Parkway grand opening celebration	Event expenses and advertising for Escondido Creek Parkway grand opening celebration	25,000
Household Hazardous Waste events	The costs of holding the HHW events has increased due to growing participation, increased amount of materials being brought to the events and rising vendor costs to absorb these event demands. Billboard advertising and postcards for each event are also part of this request.	130,000
Community Events Sponsorships	The general sponsorship budget has not been increased for several years. This increase is needed as the River Authority is being asked to participate in more events. Staff from across the agency have been asked for sponsorships such as; the freshwater mussel conference held in San Antonio, the annual freshwater fisheries conference, San Antonio Bay Partnership workshops, etc. Additionally, longstanding sponsorship opportunities are increasing due to general inflation.	75,000
Witte sponsorship	This second installment of a 4-year contractual commitment concludes in FY23.	25,000
Total – Intergovernmental and Community Relations		345,394

Performance Measures

Performance Measure	Goal	FY 2017-18 Actuals	FY 2018-19 Actuals	FY 2019-20 Actuals
Social Media Followers				
Facebook	Enjoyable	10,145	11,572	14,578
Twitter	Enjoyable	14,314	15,123	16,269
Instagram	Enjoyable	1,644	2,407	3,657

Environmental Sciences



Authorized Positions	FY19 Authorized	FY20 Authorized	FY21 Budget
Total Environmental Sciences	40	41	42

Environmental Sciences

Vision: Uniting communities through innovative technologies to inspire environmental awareness

Mission: Enhancing watershed health through scientific expertise and strategic solutions

Department Description

The Environmental Sciences Department (ESD) provides research, data gathering, scientific assessment, and environmental coordination for the San Antonio River Authority regarding water quality, environmental planning, pollution prevention, resource protection, green stormwater infrastructure, sustainable urban planning, sustainability assessments and planning, ecosystem restoration, instream/environmental flow needs, public health issues and public outreach. ESD houses a state-of-the-art environmental laboratory that provides testing services in support of monitoring projects and efforts for internal and external entities throughout the watershed. ESD also provides services in the following areas: water quality/environmental monitoring; pollution investigation; quality assurance; data management and visualization; water quality planning and assessments; avian counts and species assessments; 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.

The department's Sustainable Infrastructure unit continues to promote and encourage incorporation of low impact development and other onsite green stormwater infrastructure practices into public and private development projects through incentives, elimination of barriers, continued education, outreach and training, and low impact development feature inspections. In addition, ESD provides low impact development (LID) plan review services for public and private entities.

ESD coordinates with other River Authority departments on activities and projects that have environmental components and aides in resolving environmental concerns. The department works to enhance interagency coordination efforts to advance basin-wide water quality planning efforts and promote integrated management practices to realize increased water quality.

Department Goals

- ✓ Utilize knowledge from basin wide efforts and projects to determine the feasibility of reintroducing freshwater mussels into the Mission Reach
- ✓ Coordinate with internal and external entities to conduct population reintroduction or augmentation for various fish species

- ✓ Expand Low Impact Development training opportunities for designers, builders, inspectors, operators, and others
- ✓ Facilitate stakeholder understanding and advocacy of stormwater matters through strengthened relationships with other agencies and non-profits
- ✓ Continue managing the Rebate program incentivizing Low Impact Development within the development community
- ✓ Continue inspecting constructed Low Impact Development Rebate projects to ensure optimal performance and aesthetics
- ✓ Research and plan automated laboratory operations including remote temperature sensing and after-hours sample receiving
- ✓ Develop dashboards and reports in support of continuous in-stream and stormwater monitoring activities, and aquatic and mussel species reintroduction
- ✓ Continue enhancements to the water quality web viewer and bacteria dashboard
- ✓ Develop bacterial source tracking library markers to expand the laboratory's fecal source identification capability
- ✓ Continue data visualization efforts of water quality data submitted to TCEQ and biennial Integrated Reports

Appropriations:	<u>FY 2018-19</u> <u>Actual</u>	<u>FY 2019-20</u> <u>Estimate</u>	<u>FY 2020-21</u> <u>Budget</u>
Personnel Expenditures	\$3,167,210	\$3,394,700	\$3,612,455
Operating Expenditures	541,014	609,497	848,857
Capital Expenditures	264,391	124,132	56,500
Total Appropriations	\$3,972,615	\$4,128,329	\$4,517,812

New Resources for FY 2020-21		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
Laboratory		
BST Lab Supplies	Mission Reach Daily Monitoring Effort for BST sample analysis. Mission Reach Pilot BST 5 sites quarterly, 3 sites weekly. Pilot study will assist in further understanding daily bacteria levels and sources to develop action plans towards achieving swimmable status in the reach of the San Antonio River. Team will analyze roughly 250 samples in FY21.	25,000
QIAcube auto-extractor	Doubles analysis capacity from 10 to 20 samples at a time which significantly reduces human error	36,500
Ultra-Low Freezer	Future development of biomarkers to identify additional species will take additional storage space in required ultra-low freezer conditions.	12,500
BOD Incubator	Increase BOD incubator capacity to accommodate for higher sample load from storm events, current units have limited capacity.	7,500

New Resources for FY 2020-21		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
Laboratory Tablet	Windows Surface Pro 7 to use as a laboratory tablet. Use of current unit is cumbersome and has potential to be dropped when used in confined workspace.	3,500
Total - Laboratory		85,000
Planning and Administration		
Quality Assurance Specialist I	QA staff to handle workload resulting from implementation of new methods and additional oversight on stormwater sampling.	82,796
LID Technical Guidance Manual Revamp	To revamp and re-brand the LID Technical Guidance Manual into a more succinct, graphic-heavy, and visually appealing resource, providing an improved platform for the theory, concepts, and intention of low impact development to be accessed by a broader professional and community audience	30,000
Total - Planning and Administration		112,796
Total - Environmental Sciences		197,796

Efforts



Watershed Monitoring and Sampling

The River Authority, through its Environmental Sciences Department, is at the forefront of watershed monitoring, with an emphasis on three types of stormwater-specific monitoring and data collection activities: (1) continuous in-stream, stormwater event (2) low impact development (LID) feature performance (3) maintains six in-stream monitoring systems programed continuously to measure several water properties under ambient and stormwater conditions.

ESD scientists conduct maintenance and calibration regularly on all the systems. The team verifies that all systems are functioning and conducts emergency maintenance as necessary. Due to the differing topography, riparian conditions, and accessibility at each site, staff have tailored the systems to maximize performance and equipment security, including ensuring that equipment can withstand extreme heat and flooding. ESD scientists also collect storm-specific water samples to characterize water quality from just before storms begin through the duration of the storm events. This monitoring is conducted at select locations both for creeks/rivers and to determine the performance of LID features, including a LID feature at Elmendorf Lake Park and at SARA's Euclid building parking lot. In FY 2020/21, staff will continue collections at established sites in support of the River Authority's watershed master planning. Staff activities consist of collecting baseline samples, monitoring the weather systems for storm development and duration, ensuring adequate sampling cylinders have been installed to capture the storm peak, and collecting the completed samples. ESD laboratory staff will continue developing action plans to deploy necessary resources to accommodate stormwater sample submittals. Also, data management staff will continue discussion and efforts to manage and visualize continuous and stormwater monitoring data.



Bacterial Source Tracking Quantification

The River Authority's Regional Environmental Laboratory research and developed quantitative bacterial source tracking methodology for human biomarkers in FY 2019/20. The technology will be used to identify point source pollution locations and possibly support the effort to achieve swimmable sections of the San Antonio River. Moving into the FY 2020/21 the bacterial source tracking will move into identifying additional sources of fecal pollution. Team members will begin collecting sources to develop an in-house library of species contributing the fecal pollution along the river. The effort to develop markers will take about 2 years to complete.



Mission Reach Mussel Survivability Study

The Mission Reach of the San Antonio River is located just downstream of downtown San Antonio. The current survey of the Mission Reach found only one mussel. This mussel was found in a portion of the Mission Reach that was never completely de-watered, Davis Lake. Mussels have been found in remnants of the San Antonio River, downstream of downtown San Antonio, indicating that water quality may be suitable for mussel growth and reproduction. This effort transplanted mussels from the lower basin and placed them in two areas of the Mission Reach, with a control plot in Goliad County. Mussels were placed in protective bunkers, cages, and in unprotected plots at each site. The mussels are all identified by number and measured at intervals to determine growth and survivability at each site.



National Parks Service Monitoring

As part of the Gulf Coast Network of the National Parks Service, the River Authority samples at four established long-term water quality monitoring sites within the San Antonio Missions National Historical Park in Bexar and Wilson Counties.



Mission Reach Intensive Nekton (Fish) and Aquatic Habitat Survey

Staff will conduct an intensive survey in the Mission Reach of the San Antonio River to develop a comprehensive list of fish that are currently in the Mission Reach and an inventory of types of aquatic habitats and their location. The fish will be measured to determine age classes, and the habitat that they were utilizing will be identified with each fish. The information from this survey will be used to determine future stocking of fish and modification of aquatic habitats in the Mission Reach.



Sampling in Support of Environmental Flows

This monitoring is to determine which habitats are utilized by native fish under specific flow regimes, and to determine if different life stages use different habitats under the different flow conditions.



Pollution Investigations and Prevention

River Authority staff investigate fish kills, illegal discharges into the creeks and rivers, dumping in or near a floodplain and incursions of the bed and banks that the River Authority owns. Staff conduct helicopter surveys of the rivers and creeks to identify any illegal dumping and incursions. Staff works with other agencies to prevent pollution through programs including cameras at dumping areas, multi-agency spill response exercises and providing sampling support for agencies that have enforcement powers.



San Pedro Creek E. coli Monitoring

ESD monitors E. coli levels at San Pedro Creek Culture Parks daily and coordinates with Watershed Parks and Operations Department which turns off the Cascadia wading area when E. coli levels are elevated.



Mission Reach (E. coli) Pilot Study

This effort will monitor E. coli bacteria daily in areas where people currently swim illegally in the Mission Reach. This study will gather information to determine if E. coli levels are at an acceptable level for swimming during ambient flow conditions.



Native Fish Restocking of the Mission Reach

Native fish will be stocked in the Mission Reach of the San Antonio River to increase biodiversity, provide hosts for native mussel reproduction, and increase sports fisheries. FY20-21 will be the initial year of a multiple year effort.



Avian Study:

Following successful completion of the three-year Avian Study in 2019, the ESD's Sustainable Infrastructure unit has continued bird counts and species assessments to document the successes of the Mission Reach Ecosystem Restoration Project in restoring the riparian habitat. Through this effort, the department is maintaining a current scientific avian database and gaining knowledge required to ensure riparian habitat health and to influence continued adaptive management practices within the Mission Reach project area.



Green Stormwater Infrastructure Manual:

The department's Sustainable Infrastructure unit will lead an effort to rewrite, reorganize, condense, enhance the technical graphic content of, and rename the current San Antonio River Basin Low Impact Development Manual which has been in use since its 2013 publication, with one reissue in 2019 to incorporate an additional LID feature. This revision effort will be conducted primarily utilizing a multi-disciplined in-house technical team including urban planning, engineering, landscape architecture, ecologist, and document production experts.



LID Credentialing Training Program:

The LID Credential Training Program provides training manuals, classroom instruction, consultant support, optional testing and renewals, meals and supplies, and on-line posting of credentialed individuals for the Sustainable Infrastructure unit's three 1.5- and 2-day training workshops. Topics addressed by the three courses are LID design, construction inspection, and annual operations and maintenance.



Green Stormwater Infrastructure Inspection Program:

This effort continues a program implemented by the department's Sustainable Infrastructure unit in 2019 to ensure the performance of Rebate-funded LID projects through regular, post-construction maintenance inspections. The program funds quarterly to annual inspections of the LID features, maintenance guidance materials and checklists for Rebate recipients, and minor maintenance activities.



Data Visualization – In FY20, the ESD data management proposed and promoted the research and implementation of business intelligence visualization tools to facilitate the dissemination of the vast data SARA generates in a visually appealing and informative platform. In FY 21, ESD will continue collaborative efforts to enhance and develop data visualization products utilizing innovating business intelligence products. ESD will also collaborate in agency-wide data governance and data management efficiency efforts.

Performance Measures

Performance Measure	Goal	FY 2017-18 Actuals	FY 2018-19 Actuals	FY 2019-20 Actuals
Pollution and Environmental Investigations	Clean	58	72	55
Sample Sites Monitored	Clean	85	97	88
Laboratory Samples Received	Clean	7,247	5,788	5,227
Laboratory Clients Served	Clean	88	11	15

Real Estate

**Director of Technical
Services**

**Real Estate
(7)**

Authorized Positions	FY19 Authorized	FY20 Authorized	FY21 Budget
Total Real Estate	7	7	7

Refer to appendix for full details

Real Estate

Vision: Inspire others through the acquisition and preservation of lands for public use.

Mission: Provide Real Estate support and stewardship over River Authority lands.

Department Description

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

Department Goals

- ✓ Encourage the best land use in concert with River Authority enabling legislation and mission.
- ✓ Enhance the value of the River Authority's real property assets including maximizing the revenue.
- ✓ Maintain consistency with the River Authority's sustainability goals.
- ✓ Maintain an efficient approval process for land transactions.

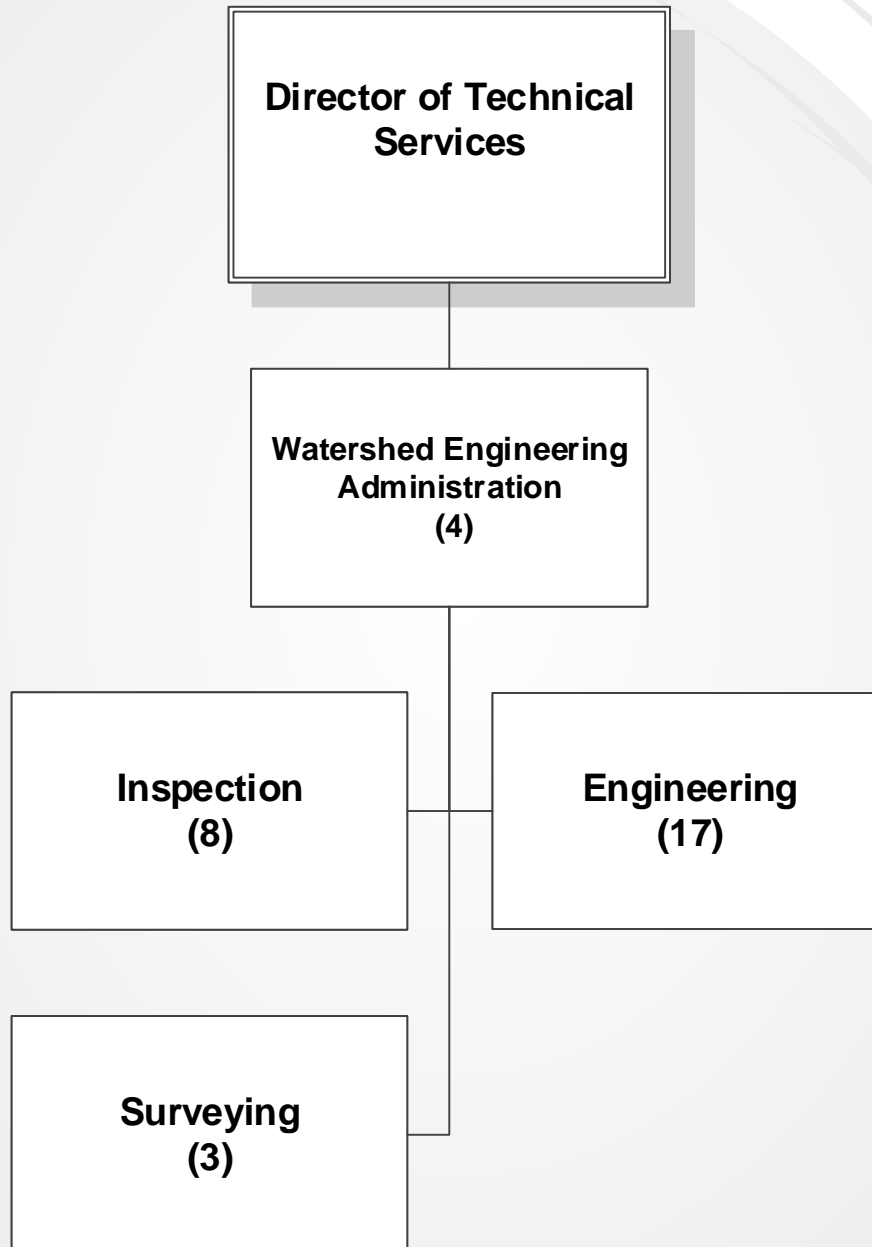
Appropriations:	<u>FY 2018-19</u> <u>Actual</u>	<u>FY 2019-20</u> <u>Estimate</u>	<u>FY 2020-21</u> <u>Budget</u>
Personnel Expenditures	\$477,614	\$476,496	\$516,811
Operating Expenditures	41,476	31,231	39,305
Capital Expenditures	19,916	-	-
Total Appropriations	\$539,006	\$507,727	\$556,116

New Resources for FY 2020-21		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
LTE	LTE needed to continue to assist in the auditing and entry of Real Estate records.	56,040
Total - Real Estate		56,040

Performance Measures

Performance Measure	Goal	FY 2017-18 Actuals	FY 2018-19 Actuals	FY 2019-20 Actuals
Real Estate Transactions	All	35	65	86

Watershed Engineering



Authorized Positions	FY19 Authorized	FY20 Authorized	FY21 Budget
Total Watershed Engineering	32	31	32

Refer to appendix for full details

Watershed Engineering

Vision: To be the preferred collaborator to develop scientific and technically innovative solutions that improve sustainability for the public

Mission: Innovative expertise in action to protect and improve our creeks and rivers

Department Description

The Watershed Engineering (WSE) Department provides 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. The department supports 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 stormwater management, wastewater collection and treatment, reuse water management, water quality and supply, parks and recreation, and other related projects. Watershed Engineering strives to complete all projects and tasks on schedule, within budget and at a quality that meets or exceeds the customers' expectations.

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 one of the leaders 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 make decisions on a holistic watershed basis.

Department Goals

- ✓ Complete comprehensive plans targeting flooding, water quality and threatened ecosystems through the Watershed Master Plans and Modeling updates
- ✓ Maintain dam safety with dam inspections for the Kenedy and Bexar County dams
- ✓ Promote awareness and use of engineering and scientific data to protect life and property through completion of the Floodplain Mapping updates and Predictive Flood Modeling
- ✓ Complete construction on San Pedro Creek Culture Park, Westside Creeks Linear Trails, Panther Springs Creek, and Escondido Creek Parkway for safer creeks and rivers
- ✓ Continue engineering support for the Mission Reach through erosion repairs via aquatic plantings and natural channel design to support aquatic wildlife and bank stability
- ✓ Upgrade the Espada restroom to take it off the septic system

- ✓ Invest in projects and incentives that improve water quality within the basin through developer partnerships and targeted sustainable development practices
- ✓ Drive demand for and use of sustainable development practices through construction on the City of San Antonio 2017 Bond projects and related technical reviews as well as coordination on City of San Antonio 2022 Bond projects
- ✓ Implement ecosystem restoration and habitat protection projects through the River Road Stream Restoration Project, Brackenridge Park Cultural Landscape Plan Demonstration Projects, San Pedro Creek Culture Park, USACE Westside Creeks Restoration Project, and Panther Springs Creek Restoration
- ✓ Develop and implement targeted stream restoration projects at LBJ Park and Government Canyon
- ✓ Complete South Flores Stormwater Retrofit (319 Grant) to support science-based decision making through implementation and water quality monitoring
- ✓ Provide wastewater treatment engineering support for the Salitrillo WWTP Expansion and Martinez IV WWTP Expansion
- ✓ Continue to support project partners through project completions along the San Antonio River for the Nueva Street Marina replacement and public arts installations

Appropriations:	<u>FY 2018-19</u>	<u>FY 2019-20</u>	<u>FY 2020-21</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Budget</u>
Personnel Expenditures	\$3,185,791	\$3,346,002	\$3,464,392
Operating Expenditures	994,835	598,053	907,809
Capital Expenditures	18,988	-	-
Total Appropriations	\$4,199,614	\$3,944,055	\$4,372,201

New Resources for FY 2020-21		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
Stream Restoration Program	Increase to Stream Restoration program requested for the following: in-house training that will allow all departments to have participants and allow project partners to attend. Attendance of partners at previous events have helped program expansion into implementation at LBJ Park and Government Canyon. Request adjustment to original budget to account for inflation so that the same level of projects can be maintained. Original program amount has remained unchanged since it was implemented in WSE budget.	50,000
Total - Watershed Engineering		50,000

Efforts

The FY 2020-21 Budget appropriates funds for certain important activities in separate line items to ensure transparency for these important efforts. For Watershed Engineering, three efforts are highlighted.



Master Plan Maintenance

With this effort, the department looks to update holistic plan documents to reflect recommendations that have been implemented and changes within the watershed. This effort maintains the relevance and timeliness of the Holistic Watershed Master Plans while also providing products and information supporting advocacy for projects, policy, and outreach to improve the health and safety of the San Antonio River Basin.



Stream Restoration Support

This activity works to identify stream restoration opportunities and needs within the San Antonio River Basin and then plan, design, and implement projects to improve the safety and function of the stream system.



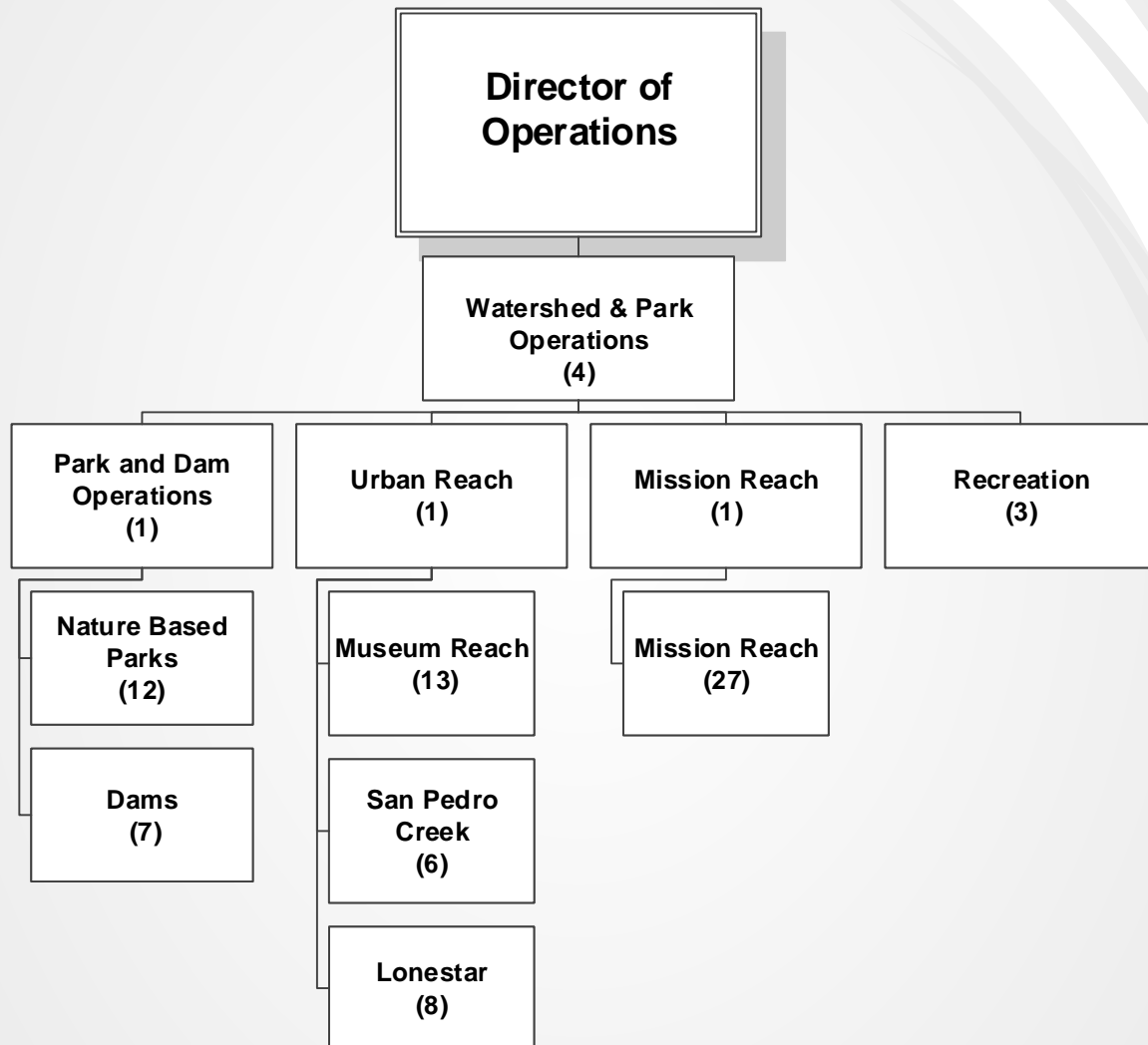
U.S. Geological Survey (USGS) Water Quality and Monitoring Network

The River Authority administers this effort to monitor normal conditions of receiving streams and collect data to document long term trends in water quality. The result is a real-time monitoring system that traces the continuity of water quality from ground water through spring emergences, through the San Antonio metropolitan area, and includes tributaries that contribute flow to the San Antonio River as it flows to the coast.

Performance Measures

Performance Measure	Goal	FY 2017-18 Actuals	FY 2018-19 Actuals	FY 2019-20 Actuals
Floodplain – structures removed	Safe	66	581	22
Stream Restoration – miles restored	Clean	11.76	12.1	12.1

Watershed and Park Operations



Authorized Positions	FY19 Authorized	FY20 Authorized	FY21 Budget
Total Water and Park Operations	78	81	83

Refer to appendix for full details

Watershed and Park Operations

Vision: Provide world class opportunities to inspire actions.

Mission: Enriching community and watershed health through innovative service.

Department Description

The Watershed and Park Operations (WPO) Department supports the River Authority's dam maintenance, telemetry units, Mission and Museum Reach maintenance (along the San Antonio River north and south of downtown San Antonio), San Pedro Creek Culture Park maintenance, targeted flood debris cleanup, ecosystem management, the management of River Authority linear and nature based parks and river access sites, programming, recreational opportunities, recreational and special events, development along the San Antonio River and maintenance activities. The department is comprised of staff who work to support all the functions described above. This is done by focusing on the operations, landscape, restorative and recreational opportunities within the River Authority's four county jurisdiction.

Operations staff maintain a high standard of operational maintenance and performance for federally assisted flood damage reduction projects. They deliver a valued public service through the continued implementation of the Dam Management and Safety Program. Staff develop and manage the policies and procedures for recreation facility usage within River Authority managed parks, develop and implement regular park programming, create and execute special recreation events and build relationships with other public and private entities and recreation user groups.

Staff focus on sustainable landscape management that utilize sustainable techniques for adaptive management of formal landscapes and natural areas. They also provide support for projects, programs, and efforts with best management practices that involve the use of native and sustainable vegetation for wildlife habitat, water conservation, and water quality benefits all of which support the River Authority's mission.

Department Goals

- ✓ Begin master planning three nature-based parks: Mann's Crossing Park on the Medina River, Hendrick Arnold Park (Straus Medina), and Trueheart Ranch.
- ✓ Assess trail maintenance/stability on the Mission reach.
- ✓ Park programming and special events, to include holiday lighting on the Museum Reach and San Pedro Creek Culture Park.
- ✓ Continue prescribed burn program throughout the Mission Reach.
- ✓ Continue to work with an avian consultant to adaptively manage the Mission Reach.
- ✓ Develop Highway 239 paddling access site in Goliad County.

Appropriations:	<u>FY 2018-19</u>	<u>FY 2019-20</u>	<u>FY 2020-21</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Budget</u>
Personnel Expenditures	\$4,701,681	\$4,737,670	\$5,526,473
Operating Expenditures	3,035,397	3,171,485	3,272,434
Capital Expenditures	323,910	19,000	382,167
Total Appropriations	\$8,060,988	\$7,928,155	\$9,181,074

New Resources for FY 2020-21		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
Riparian Technician	One staff member needed to lead GSI installation and operations and maintenance resulting from adding additional responsibility to the team. This position is funded for half of the fiscal year.	27,961
Riparian Crew Leader	One crew leader to oversee the GSI team. Will be responsible for the installation and operations and maintenance of these features	62,344
Pressure Washer for SPC	The current system is not built for commercial use. There is currently lost productivity with down time and the refilling of a 200-gallon tank. A new higher quality unit will require lower overall maintenance and comes with a plan that provides a loaner in case the pressure washer is being repaired.	15,500
Utility Task Vehicle (UTV)	Replace existing UTV (#201859) purchased in 2010. UTV has exceeded its expectancy and needs repairs. (Mission Reach)	16,000
Utility Task Vehicle (UTV)	New UTV for Escondido Creek parkway team. The UTV will be used to transport materials and supplies throughout the linear park.	15,000
San Pedro Creek Phase 1.2 Operations	Operations for San Pedro Creek Phase 1.2. Anticipate Phase 1.2 to open in March 2021. Also includes costs for new SPC Operations Center.	30,000
GSI Team	Small tools, supplies, and equipment for the new Green Stormwater Infrastructure installation and operations and maintenance team.	29,200
General Capital Allocation		250,000
Total - Watershed and Park Operations		446,005

Efforts

The FY 2020-21 Budget appropriates funds for certain important activities in separate line items to ensure transparency for these important efforts. For Watershed and Park Operations, two efforts are highlighted.

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.

River of Lights

The Annual River of Lights Kickoff and the Deck the River Contest is a free, holiday-themed family-friendly event hosted by the San Antonio River Authority. The River Authority decorates the river and 40 trees with thousands of lights from Lexington to Josephine Street to include the Pearl turning basin. Festivities get under way on the first Saturday in December on the Museum Reach segment of the San Antonio Riverwalk. Visitors experience the spirit of the holidays with a display of holiday lights, a Santa's Wonderland on the Brooklyn Ave. Bridge, holiday music river barges, musical performances by local schools and groups including the Holiday Artisans.

Visitors can also participate in the San Antonio River Authority's Annual Deck the River Contest by visiting various businesses and organizations along the Museum Reach who compete in a Holiday themed decoration contest by decorating or lighting up their river facing facades. The public picks their favorite Deck the River Contest participant by voting on the River Authority's website.

Green Stormwater Infrastructure (GSI) Team

This team of two staff will lead the GSI installation and operations and maintenance efforts. They will maintain River Authority owned properties as well as support future City of San Antonio and Bexar County LID features.

Performance Measures

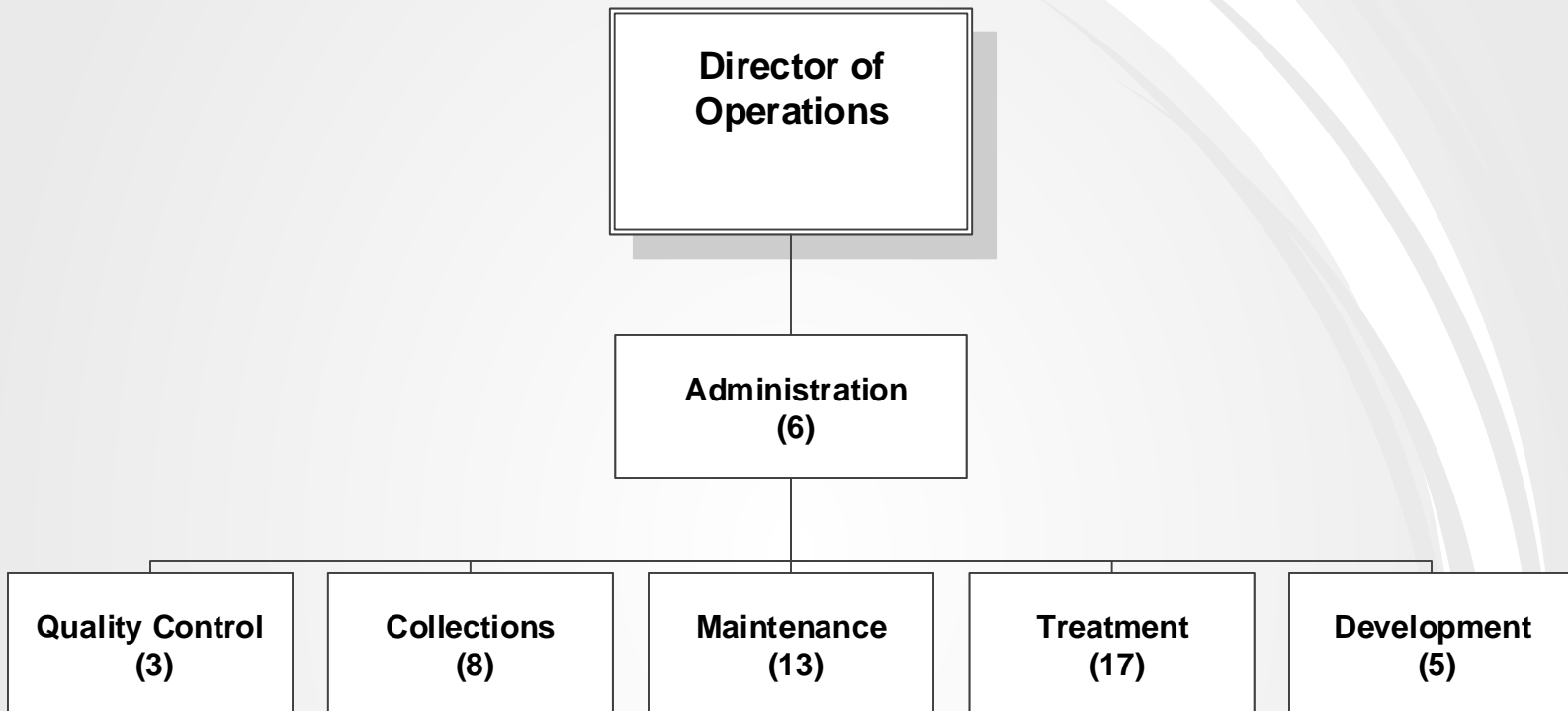
Performance Measure	Goal	FY 2017-18 Actuals	FY 2018-19 Actuals	FY 2019-20 Actuals
Mission Reach Trash Collected (in pounds)	Enjoyable	115,720	97,598	151,793
Hike and Bike Trail Counts	Enjoyable	284,876	288,942	471,947
Park Vehicle Counts	Enjoyable	48,241	75,988	89,698
Park Program Participants	Enjoyable	80,682	28,135	23,865

UTILITY FUNDS



Martinez II Wastewater Treatment Plant
Converse, Bexar County

Utilities



Authorized Positions	FY19 Authorized	FY20 Authorized	FY21 Budget
Total Utilities	52	52	52

Refer to appendix for full details



Utility Funds

Vision: Influencing sustainable actions through innovative water reclamation solutions.

Mission: Protecting our creeks and rivers through utilities expertise, public service, and education.

Department Description

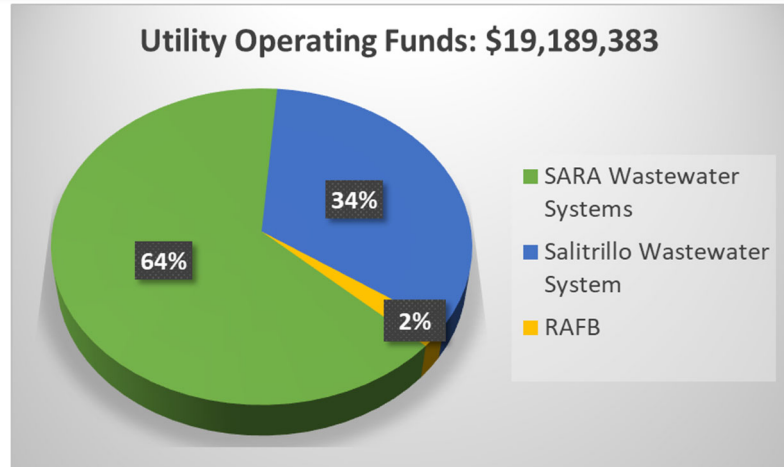
The River Authority began providing wastewater utility services in 1966.

Today, the River Authority has five permitted active wastewater treatment plants and maintains collection systems. The River Authority utilizes the latest technology to produce a high-quality effluent and to preserve the ecosystems into which the effluent is returned. The department currently provides wastewater service to portions of northeast San Antonio and the cities of Converse, Live Oak, Universal City, and Schertz and Green Valley Special Utility District.

The River Authority also provides water and wastewater related services by contract throughout the San Antonio River Basin. This includes the La Vernia Wastewater Treatment Plant (WWTP) operations, Somerset WWTP operations and collection system, First Responders Academy WWTP operations, and the Goliad County Water Supply Corporation water operations. The River Authority also operates and maintains the wastewater collection system at Randolph Air Force Base (RAFB). This includes annual capital improvement projects and operations and maintenance activities.

Department Goals

- ✓ Execute project plan for the expansion of the Salitrillo WWTP (Project #0612).
- ✓ Execute design and initiate construction for the expansion of the Martinez IV WWTP (Project #0627).
- ✓ Promote the strategic growth of collection system and plant capacity within the Martinez IV service delivery area through coordination with developers and other stakeholders. (Project #0611).
- ✓ Develop a Capacity, Management, Operations & Maintenance (CMOM) plan to identify and correct performance problems in wastewater systems. This plan will also develop a maintenance program for the SARA Wastewater and Salitrillo Retail collection systems. (New Project).



San Antonio River Authority Wastewater Systems Operating Fund

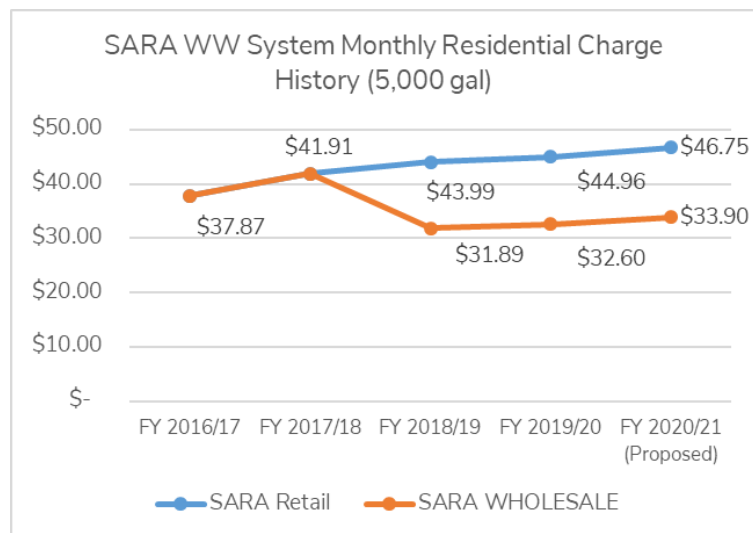
The San Antonio River Authority (SARA) Wastewater Systems Operating Fund accounts for cost associated with the SARA wastewater system. This system has four plants as well as a collections system, all of which are operated and maintained by Utilities Department staff. The plants include: the Upper Martinez Wastewater System, the Martinez II Wastewater System, the Martinez IV Wastewater System, and the First Responders Academy. These systems primarily serve residents and the business community located within portions of eastern/northeast Bexar County. First Responders Academy WWTP serves the Alamo Colleges District First Responders Academy.

The SARA wastewater system also provides wholesale wastewater service to the City of Schertz and Green Valley Special Utility District.

Additionally, the SARA wastewater system accounts for costs associated with various contracts the River Authority has to provide water and wastewater related services. The areas served by these agreements are in Bexar, Wilson, and Goliad counties.

Fiscal Analysis

The River Authority staff has been collaboratively working to ensure the continued success and service of the wastewater utility enterprise. For FY 2020-21, the rates for the SARA wastewater system result in a monthly charge to the customer of \$46.75 for 5,000 gallons of usage. For FY 2020-21, the rate consists of two components. The variable rate, which covers operations and maintenance expenditures, is increasing from \$4.54 per 1,000 gallons to \$4.69 per 1,000 gallons.



This increase is a result of an increase in operating expenditures. The fixed rate, which covers capital as well as renewal and replacement expenditures, is increasing from \$22.26 to \$23.30. Major capital investments, driven either by aging infrastructure or plant expansions, have been identified in the Proposed Budget for the SARA Wastewater System. Adjustments to the rates, to be approved by the Board of Directors through ordinances, are incorporated in the proposed budgeted revenues for the wastewater systems to help fund the rolling five-year average of expected capital projects. The \$3.8 million transfer to the SARA Wastewater Construction and Improvements Fund helps fund these projects. The following tables show the three-year rate forecast and new resources for the SARA Wastewater System

SARA Wastewater Rate Forecast

Winter Average (constant variable)		5,000			
FY21 PROPOSED RATE					
		FY20	FY21	FY22	FY23
Proposed Rate					
fixed		22.26	23.30	25.60	26.00
variable rate		4.54	4.69	4.68	4.70
Estimated Monthly Charge					
fixed		22.26	23.30	25.60	26.00
variable charge		22.70	23.45	23.40	23.50
Total Estimated Charge		\$ 44.96	\$ 46.75	\$ 49.00	\$ 49.50
Annual % Change		-	3.99%	4.80%	1.02%
Monthly \$ Change		-	\$ 1.79	\$ 2.24	\$ 0.50

San Antonio River Authority
SARA Wastewater Systems Operating Fund
Fiscal Year Ending June 30, 2021

Fund: 70

Available Funds	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Estimate	FY 2020-21 Budget
Beginning Balance				
Unrestricted Balance	\$ 4,910,033	\$ 4,310,951	\$ 5,263,355	\$ 5,852,779
Total Beginning Balance	\$ 4,910,033	\$ 4,310,951	\$ 5,263,355	\$ 5,852,779
Revenue				
Investment Earnings	\$ 94,473	\$ 70,000	\$ 74,000	\$ 50,000
Intergovernmental Revenue	511,290	510,450	432,067	535,959
Charges for Services - Sewer Fees	9,628,073	9,924,523	10,260,916	11,423,969
Charges for Services - Miscellaneous	459,949	50,000	367,035	100,000
Miscellaneous	32,320	75,000	92,185	75,000
Total Revenue	\$ 10,726,105	\$ 10,629,973	\$ 11,226,203	\$ 12,184,928
TOTAL AVAILABLE FUNDS	\$ 15,636,138	\$ 14,940,924	\$ 16,489,558	\$ 18,037,707
APPROPRIATIONS				
Personnel Expenditures	\$ 2,538,303	\$ 2,835,647	\$ 2,665,791	\$ 2,917,873
Operating Expenditures	2,363,490	2,252,675	2,260,275	2,835,946
Capital Outlay	53,582	651,175	436,244	489,819
Debt Service - Revenue Bonds	1,283,599	1,669,096	1,671,846	1,664,783
Transfers - Construction and Improvements	3,250,000	2,900,000	2,900,000	3,800,000
Transfers - Support Fees	1,513,473	1,325,623	1,325,623	1,325,623
Reimbursements	(629,664)	(650,000)	(623,000)	(684,538)
TOTAL OPERATING APPROPRIATIONS	\$ 10,372,783	\$ 10,984,216	\$ 10,636,779	\$ 12,349,506
Restricted for Debt Service	1,912,815	1,912,815	2,421,379	2,921,379
Unrestricted - Operating Reserve	3,055,419	1,543,892	2,931,400	2,266,822
Unrestricted - Repair and Replacement Reserve	295,121	500,000	500,000	500,000
TOTAL APPROPRIATIONS	\$ 15,636,138	\$ 14,940,923	\$ 16,489,558	\$ 18,037,707

New Resources for FY 2020-21		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
Legal Fees	Legal fees needed to support the River Authority Utility Operations.	250,000
Belt Press Control System at Martinez II	The belt press processes biosolids for the treatment plants. The control panel is failing and will be replaced.	20,000
GIS License	An additional license is needed to support various activities in the utility.	5,200
Utility Data Management Software	The utility is looking for a software to update lab monitoring and sample collection reporting. This software will allow the utility to move to an online data collection for TCEQ and process samples. This will eliminate keying errors and capture data in a timelier manner.	3,250
Utility Data Management Software Maintenance	Monthly software maintenance cost for the Utility Data Management Software. This will support process monitoring and sample collection.	13,650
SCADA Improvements	Various improvements to SCADA system are required to support operations of the treatment plants from remote locations. These include software and hardware upgrades, as well as controls and monitoring equipment to collect more data and provide visual monitoring tools.	135,000
Belts for Press	The belt press processes biosolids for the treatment plants. This equipment maintenance is required needed to keep belt press running efficiently and effectively.	7,500
Plumbing Camera Snake/Sewer Camera Locator	This equipment is needed to support collection system maintenance. This equipment replacement will be to address normal wear and tear.	17,500
Computer Replacement	Computers are replaced every three years, and this supports the annual computer refresh.	18,700
ATV – Martinez II	A full-size vehicle will be replaced with an all-terrain vehicle (ATV). This purchase will remove the expense of a full-size truck from the vehicle fleet and replace it with a more cost-efficient ATV.	15,000
ATV – Upper Martinez	A full-size vehicle will be replaced with an all-terrain vehicle (ATV). This purchase will remove the expense of a full-size truck from the vehicle fleet and replace it with a more cost-efficient ATV.	15,000
Roll Off Truck	This purchase is to support the life cycle replacement of the roll off truck which supports the hauling of biosolids at the treatment plants.	175,000
Cleaning and Tuning of Whole System	The wastewater treatment plant needs improvements to address the clean in place system, mechanical tune up, and then recommissioned to work efficiently and effectively.	75,000
Security Improvements	Security improvements are needed to improve the monitoring of facilities at the treatment plants. The improvements would include upgrading existing cameras, adding and/or replacing cameras on all doors, and adding/replacing card readers for badging into and controlling the alarm at all buildings. Additionally, an airphone will be installed at Martinez IV that will connect to Martinez II to allow for the Administration building to control the gate at Martinez IV.	80,000
Total – SARA Wastewater Operations		830,800

Salitrillo Operating Fund (71)

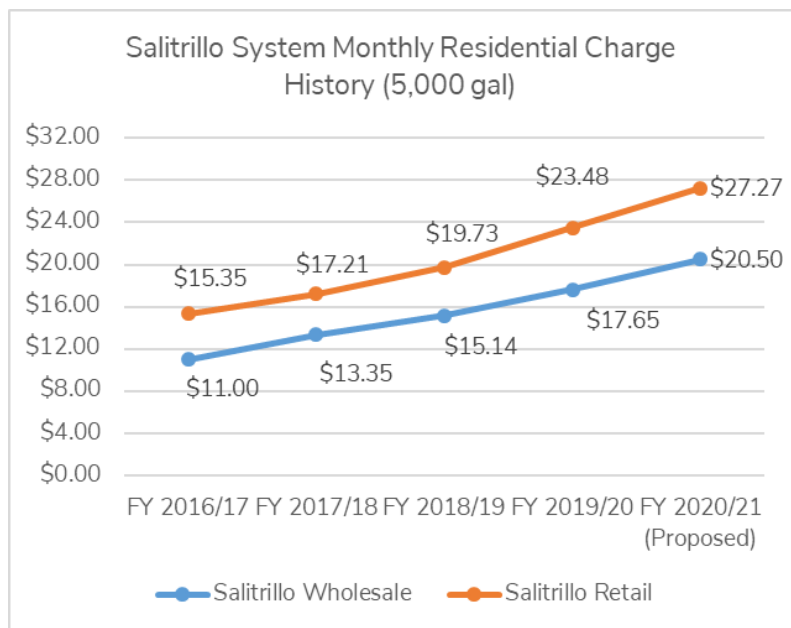
The Salitrillo Operating Fund accounts for all costs associated with operating and maintaining the Salitrillo Wastewater Treatment System which discharges into the Salitrillo Creek. This includes wholesale, retail and reuse water services. Expenditures for the plant, retail system and reuse are tracked separately to facilitate utility rate calculations.

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 Salitrillo WWTP. The retail portion of the Salitrillo Wastewater System provides retail wastewater services to parts of the City of San Antonio and Bexar County.

The Salitrillo 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 provided post treatment from the Salitrillo Wastewater Treatment System. The areas served are in Bexar County. The Salitrillo water reuse function is also managed by Utilities Department staff.

Fiscal Analysis

The River Authority staff has been collaboratively working to ensure the continued success and service of the wastewater utility enterprise. For FY 2020-21, the rates for the Salitrillo Wholesale wastewater system result in a monthly charge to the wholesale customer of \$20.50 and \$27.27 to the retail customer for 5,000 gallons of usage. For FY 2020-21, the rate consists of two components. The wholesale variable rate, which covers operations and maintenance



expenditures, remains the same at \$2.00 per 1,000 gallons. The wholesale fixed rate, which covers capital as well as renewal and replacement expenditures, is increasing from \$7.65 to \$10.50. Major capital investments, driven either by aging infrastructure or plant expansions, have been identified in the Proposed Budget for the Salitrillo Wastewater System. Adjustments to the rates, to be approved by the Board of Directors through ordinances, are incorporated in the proposed budgeted revenues for the wastewater systems to help fund the rolling five-year average of expected capital projects. The \$2.0 million transfer to the Salitrillo Wastewater

Construction and Improvements Fund helps fund these projects. The following tables show the three-year rate forecast and new resources for the Salitrillo Wastewater System.

Salitrillo Wholesale Wastewater Rate Forecast

Winter Average (constant variable)		5,000			
FY21 PROPOSED RATE					
Proposed Rate		FY20	FY21	FY22	FY23
fixed rate		7.65	10.50	15.00	16.25
variable rate		2.00	2.00	2.00	2.00
fixed		7.65	10.50	15.00	16.25
variable charge		10.00	10.00	10.00	10.00
Monthly Charge for 5,000 gal/month		\$ 17.65	\$ 20.50	\$ 25.00	\$ 26.25
Annual % Change		-	16.16%	21.94%	4.99%
Monthly \$ Change		-	\$ 2.85	\$ 4.50	\$ 1.25

San Antonio River Authority
Salitrillo Operating Fund
Fiscal Year Ending June 30, 2021

Fund: 71

Available Funds	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Estimate	FY 2020-21 Budget
Beginning Balance				
Unrestricted Balance	\$ 1,250,564	\$ 1,259,150	\$ 1,491,481	\$ 2,877,371
Total Beginning Balance	\$ 1,250,564	\$ 1,259,150	\$ 1,491,481	\$ 2,877,371
Revenue				
Investment Earnings	\$ 19,333	\$ 15,000	\$ 21,000	\$ 10,000
Intergovernmental Revenue	507,548	566,552	600,841	282,693
Charges for Services - Sewer Fees	4,500,522	5,271,116	5,252,053	6,122,948
Charges for Services - Miscellaneous	1,655	2,033,175	-	-
Debt Proceeds	-	-	1,874,178	-
Total Revenue	\$ 5,029,057	\$ 7,885,843	\$ 7,748,072	\$ 6,415,641
TOTAL AVAILABLE FUNDS	\$ 6,279,621	\$ 9,144,993	\$ 9,239,553	\$ 9,293,012
APPROPRIATIONS				
Personnel Expenditures	\$ 1,039,957	\$ 1,256,057	\$ 1,112,050	\$ 1,331,177
Operating Expenditures	1,013,820	1,187,501	1,224,051	1,074,651
Capital Outlay	103,077	359,520	307,583	133,000
Transfers - Construction and Improvements	1,700,000	2,500,000	2,500,000	2,000,000
Transfers - Support Fees	483,088	614,354	614,354	614,354
Debt Service -Universal City	449,208	2,493,819	604,145	173,781
Debt Service - Salitrillo Expansion	-	-	-	1,074,776
Reimbursements	(1,010)	-	-	-
TOTAL OPERATING APPROPRIATIONS	\$ 4,788,140	\$ 8,411,251	\$ 6,362,183	\$ 6,401,739
Restricted for Debt Service	590,822	227,000	761,699	1,018,818
Unrestricted - Operating Reserve	695,659	556,288	1,924,672	1,650,655
Unrestricted - Repair and Replacement Reser	205,000	191,000	191,000	221,800
TOTAL APPROPRIATIONS	\$ 6,279,621	\$ 9,385,539	\$ 9,239,553	\$ 9,293,012

New Resources for FY 2020-21		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
Collections Shop Upgrade	The collections shop is inundated with water in rain events, the non-concrete area is deteriorating, and needs to be replaced. Additionally, the electrical wiring needs to be brought up to code.	55,000
GIS License	An additional license is needed to support various activities in the utility.	5,200
Utility Data Management Software	The utility is looking for a software to update lab monitoring and sample collection reporting. This software will allow the utility to move to an online data collection for TCEQ and process samples. This will eliminate keying errors and capture data in a timelier manner.	1,750
Utility Data Management Software Maintenance	Monthly software maintenance cost for the Utility Data Management Software. This will support process monitoring and sample collection.	7,350
SCADA Improvements	Various improvements to SCADA system are required to support operations of the treatment plants from remote locations. These include software and hardware upgrades, as well as controls and monitoring equipment to collect more data and provide visual monitoring tools.	15,000
Belts for Press	The belt press processes biosolids for the treatment plants. This equipment maintenance is required needed to keep belt press running efficiently and effectively.	7,500
Dry Storage	The utility needs a dry storage bay to secure and protect pumps, motors, and other equipment from weather.	8,000
Computer Replacement	Computers are replaced every three years, and this supports the annual computer refresh.	11,900
ATV – Salitrillo	A full-size vehicle will be replaced with an all-terrain vehicle (ATV). This purchase will remove the expense of a full-size truck from the vehicle fleet and replace it with a more cost-efficient ATV.	15,000
Truck	Fleet vehicle (1004) will be replaced due to end of life cycle. The truck is 10 years old and has high mileage.	42,000
Air Compressor – Automotive Shop	Replace current air compressor due to age and condition.	5,500
Total – Salitrillo Wastewater Operations		174,200

Randolph Air Force Base Operating Fund (73)

Fiscal Year Ending June 30, 2021

The Randolph Air Force Base (RAFB) Operating System Fund accounts for expenditures related to the River Authority's responsibilities for the RAFB wastewater collection system which provides service to customers of the RAFB installation adjacent to Universal City in Bexar County. The Utilities Department operates and maintains the River Authority owned collection system in the RAFB installation as well as completing scheduled projects annually that improve the system. The River Authority provides these services under a long-term contract with the federal government which includes services such as updating maps and plans that reflect the results of annual improvements. A separate fund accounts for the capital improvement projects completed annually.

New Resources for FY 2020-21		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
Mini Excavator	This purchase will replace an existing excavator. The current one is 15 years old and the power capability has deteriorated.	70,000
Plumbing Camera Snake/Sewer Camera Locator	This equipment is needed to support collection system maintenance. This equipment replacement will be to address normal wear and tear.	17,500
Total – RAFB Operations		87,500

Available Funds	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Estimate	FY 2020-21 Budget
Beginning Balance				
Unrestricted Balance	\$ 191,630	\$ 317,836	\$ 366,363	\$ 437,143
Total Beginning Balance	\$ 191,630	\$ 317,836	\$ 366,363	\$ 437,143
Revenue				
Intergovernmental Revenue	\$ 389,588	\$ 360,900	\$ 365,012	\$ 369,134
Total Revenue	\$ 389,588	\$ 360,900	\$ 365,012	\$ 369,134
TOTAL AVAILABLE FUNDS	\$ 581,218	\$ 678,736	\$ 731,375	\$ 806,277
APPROPRIATIONS				
Personnel Expenditures	\$ -	\$ -	\$ -	\$ -
Operating Expenditures	214,855	326,100	294,232	350,638
Capital Outlay	-	-	-	87,500
TOTAL OPERATING APPROPRIATIONS	\$ 214,855	\$ 326,100	\$ 294,232	\$ 438,138
Unrestricted Balance	366,363	352,636	437,143	368,139
TOTAL APPROPRIATIONS	\$ 581,218	\$ 678,736	\$ 731,375	\$ 806,277

UTILITY TEN YEAR CAPITAL IMPROVEMENT PLAN



Salitrillo WWTP, Bexar County

SARA WASTEWATER SYSTEM

TEN YEAR CAPITAL IMPROVEMENT PLAN – FY 2020-21

	Fiscal Year 2021	Fiscal Year 2022	Fiscal Year 2023	Fiscal Year 2024	Fiscal Year 2025
Upper Martinez and Martinez II Wastewater Treatment Plant Projects					
Martinez II Plant Expansion	\$ -	\$ -	\$ -	\$ -	\$ 14,000,000
Upper Martinez Decommission	-	-	-	-	2,000,000
SARA WW Maintenance and Improvements Projects	-	-	-	-	-
Bar Screen and Compactor for Upper Martinez	300,000	-	-	-	-
Electrical Improvements (Motor Control Center) Martinez II	200,000	650,000	650,000	-	-
Rehab Martinez II Carousel Aerator Mechanicals 17 and 27	700,000	-	-	-	-
Martinez II Clarifier 27 Mechanical Replacement, Basin Rehab, and Junction Box Rehab	-	1,000,000	-	-	-
Nutrient Removal	-	-	-	-	2,065,000
Utility Optimization Plan	100,000	-	-	-	-
Subtotal Martinez II	\$ 1,300,000	\$ 1,650,000	\$ 650,000	\$ -	\$ 18,065,000
Martinez IV Wastewater Treatment Plant Projects					
MIV Expansion and Abbott Rd Lift Station	11,650,000	-	-	-	-
CMOM Project - Sewershed Modeling	-	100,000	-	-	-
Subtotal Martinez IV	\$ 11,650,000	\$ 100,000	\$ -	\$ -	\$ -
Martinez Collection System Projects					
Martinez II/Upper Martinez Interconnect line	-	1,000,000	2,300,000	1,265,000	1,200,000
SARA WW Maintenance and Improvements Projects	-	-	-	-	-
Foster Road Lift Station Rehab	60,000	500,000	-	-	-
Roadway Projects	-	-	-	-	-
TxDOT IH10 from Loop 1604 to Bexar/Guadalupe county line	100,000	-	-	-	-
TxDOT FM 1516 from IH 10 to FM 78	200,000	-	-	-	-
CMOM Project	-	-	-	-	-
Collection System Condition Assessment	500,000	500,000	500,000	-	-
SARA Collection System Improvements	100,000	100,000	100,000	445,000	445,000
Martinez IV Collection System CIP	500,000	500,000	500,000	500,000	500,000
Subtotal-SARA Collection System Projects	\$ 1,460,000	\$ 2,600,000	\$ 3,400,000	\$ 2,210,000	\$ 2,145,000
Total-SARA Wastewater Projects	\$ 14,410,000	\$ 4,350,000	\$ 4,050,000	\$ 2,210,000	\$ 20,210,000

PRIORITY

High

Medium

Low

SARA WASTEWATER SYSTEM

TEN YEAR CAPITAL IMPROVEMENT PLAN – FY 2020-21

	Fiscal Year 2026	Fiscal Year 2027	Fiscal Year 2028	Fiscal Year 2029	Fiscal Year 2030
Upper Martinez and Martinez II Wastewater Treatment Plant Projects					
Martinez II Plant Expansion	\$ 12,000,000	\$ -	\$ -	\$ -	\$ -
Upper Martinez Decommission	2,000,000	-	-	-	-
SARA WW Maintenance and Improvements Projects	-	-	-	-	-
Bar Screen and Compactor for Upper Martinez	-	-	-	-	-
Electrical Improvements (Motor Control Center) Martinez II	-	-	-	-	-
Rehab Martinez II Carousel Aerator Mechanicals 17 and 27	-	-	-	-	-
Martinez II Clarifier 27 Mechanical Replacement, Basin Rehab, and Junction Box Rehab	-	-	-	-	-
Nutrient Removal	-	-	-	-	-
Utility Optimization Plan	-	-	-	-	-
Subtotal Martinez II	\$ 14,000,000	\$ -	\$ -	\$ -	\$ -
Martinez IV Wastewater Treatment Plant Projects					
MIV Expansion and Abbott Rd Lift Station	-	-	-	-	-
CMOM Project - Sewershed Modeling	-	-	-	-	-
Subtotal Martinez IV	\$ -	\$ -	\$ -	\$ -	\$ -
Martinez Collection System Projects					
Martinez II/Upper Martinez Interconnect line	-	-	-	-	-
SARA WW Maintenance and Improvements Projects	-	-	-	-	-
Foster Road Lift Station Rehab	-	-	-	-	-
Roadway Projects	-	-	-	-	-
TxDOT IH10 from Loop 1604 to Bexar/Guadalupe county line	-	-	-	-	-
TxDOT FM 1516 from IH 10 to FM 78	-	-	-	-	-
CMOM Project	-	-	-	-	-
Collection System Condition Assessment	-	-	-	-	-
SARA Collection System Improvements	445,000	445,000	445,000	445,000	445,000
Martinez IV Collection System CIP	500,000	500,000	500,000	500,000	500,000
Subtotal-SARA Collection System Projects	\$ 945,000	\$ 945,000	\$ 945,000	\$ 945,000	\$ 945,000
Total-SARA Wastewater Projects	\$ 14,945,000	\$ 945,000	\$ 945,000	\$ 945,000	\$ 945,000

PRIORITY

High

Medium

Low

SALITRILLO WASTEWATER SYSTEM

TEN YEAR CAPITAL IMPROVEMENT PLAN – FY 2020-21

	Fiscal Year 2021	Fiscal Year 2022	Fiscal Year 2023	Fiscal Year 2024	Fiscal Year 2025
Salitrillo Wastewater Treatment Plant Projects					
Salitrillo Plant Expansion	\$ 25,000,000	\$ 470,000	\$ -	\$ -	\$ -
Salitrillo Maintenance and Improvements Projects	-	1,000,000	1,000,000	1,000,000	1,000,000
Nutrient Removal	-	-	-	-	4,000,000
Sludge Press Improvemnts	-	-	-	-	150,000
Raw and Return Screw Pump	-	-	-	-	-
Barscreen, Lower Plant	-	-	-	-	-
Tertiary Filters	-	-	-	1,500,000	-
Subtotal-Salitrillo Wastewater Treatment Plant Projects	\$ 25,000,000	\$ 1,470,000	\$ 1,000,000	\$ 2,500,000	\$ 5,150,000
Salitrillo Collection System Projects					
CMOM Project	-	-	-	-	-
Salitrillo and Martinez Sewershed Models	40,000	-	-	-	-
Salitrillo Collection System Improvements	100,000	100,000	100,000	460,000	460,000
Collection System Condition Assessment	500,000	500,000	300,000	-	-
Roadway Projects	-	-	-	-	-
Rocket Lane from Norris Drive to Loop 1604	200,000	-	-	-	-
TxDOT FM 1516 from IH 10 to FM 78	700,000	-	-	-	-
Crestway Road from Kitty Hawk Road to FM 1976	100,000	-	-	-	-
Subtotal-Salitrillo Collection System Projects	\$ 1,640,000	\$ 600,000	\$ 400,000	\$ 460,000	\$ 460,000
Total-Salitrillo System	\$ 26,640,000	\$ 2,070,000	\$ 1,400,000	\$ 2,960,000	\$ 5,610,000

PRIORITY

High

Medium

Low

SALITRILLO WASTEWATER SYSTEM

TEN YEAR CAPITAL IMPROVEMENT PLAN – FY 2020-21

	Fiscal Year 2026	Fiscal Year 2027	Fiscal Year 2028	Fiscal Year 2029	Fiscal Year 2029
Salitrillo Wastewater Treatment Plant Projects					
Salitrillo Plant Expansion	\$ -	\$ -	\$ -	\$ -	\$ -
Salitrillo Maintenance and Improvements Projects	1,000,000	-	-	-	-
Nutrient Removal	-	-	-	-	-
Sludge Press Improvemnts	-	-	-	-	-
Raw and Return Screw Pump	500,000	-	-	-	-
Barscreen, Lower Plant	-	-	75,000	-	-
Tertiary Filters	-	-	-	-	-
Subtotal-Salitrillo Wastewater Treatment Plant Projects	\$ 1,500,000	\$ -	\$ 75,000	\$ -	\$ -
Salitrillo Collection System Projects					
CMOM Project	-	-	-	-	-
Salitrillo and Martinez Sewershed Models	-	-	-	-	-
Salitrillo Collection System Improvements	460,000	460,000	460,000	460,000	460,000
Collection System Condition Assessment	-	-	-	-	-
Roadway Projects	-	-	-	-	-
Rocket Lane from Norris Drive to Loop 1604	-	-	-	-	-
TxDOT FM 1516 from IH 10 to FM 78	-	-	-	-	-
Crestway Road from Kitty Hawk Road to FM 1976	-	-	-	-	-
Subtotal-Salitrillo Collection System Projects	\$ 460,000	\$ 460,000	\$ 460,000	\$ 460,000	\$ 460,000
Total-Salitrillo System	\$ 1,960,000	\$ 460,000	\$ 535,000	\$ 460,000	\$ 460,000

PRIORITY

High

Medium

Low

UTILITY CAPITAL IMPROVEMENT FUNDS



Martinez II WWTP, Bexar County

Randolph Air Force Base Renewals and Replacement Fund (83)

Fiscal Year Ending June 30, 2021

The River Authority, through a contract with the federal government, 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 and completes 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.

	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Activity As of 03/31/2020	Remaining Available Funds
APPROPRIATIONS				

Beginning Balance

Restricted Balance - Construction	\$ 1,139,565	\$ 1,251,726	\$ 1,494,088	\$ 1,947,367
Total Beginning Balance	\$ 1,139,565	\$ 1,251,726	\$ 1,494,088	\$ 1,947,367

Revenue

Intergovernmental Revenue	\$ 558,254	\$ 1,505,613	\$ 760,692	\$ 1,155,089
Investment Income	22,739	15,000	23,723	10,000
Transfers		-	-	-
Total Revenue	580,993	1,520,613	784,415	1,165,089
TOTAL AVAILABLE FUNDS	\$ 1,720,558	\$ 2,772,339	\$ 2,278,503	\$ 3,112,456

APPROPRIATIONS

Projects

Randolph Air Force Base Year 15 (2018)	\$ 226,470	\$ -	\$ -	\$ -
Randolph Air Force Base Year 16 (2019)	-	701,263	331,136	220,422
Randolph Air Force Base Year 17 (2020)	-	1,003,829	-	1,008,829
Randolph Air Force Base Year 18 (2021)	-	-	-	842,899

Total Project Expenditures	\$ 226,470	\$ 1,705,092	\$ 331,136	\$ 2,072,150
Restricted Balance - Construction	1,494,088	1,067,247	1,947,367	1,040,306
TOTAL APPROPRIATIONS	\$ 1,720,558	\$ 2,772,339	\$ 2,278,503	\$ 3,112,456

Salitrillo Construction and Improvements Fund (81)

Fiscal Year Ending June 30, 2021

The Salitrillo 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 Salitrillo Wastewater System provides retail wastewater services to parts of the City of San Antonio and Bexar County. The Salitrillo Reuse function provides reuse water and delivery services to Universal City as well as Alamo Community Colleges – Northeast Lakeview campus.

The Salitrillo Construction and Improvements Fund accounts for all the construction and improvements to the Salitrillo wastewater system – wholesale, retail and reuse.

San Antonio River Authority
Salitrillo Construction and Improvements Fund
Fiscal Year Ending June 30, 2021

Fund: 81

APPROPRIATIONS	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Activity As of 03/31/2020	Remaining Available Funds
Beginning Balance				
Restricted Balance - Impact Fee Construction	\$ 3,997,272	\$ 3,997,272	3,997,272	\$ -
Restricted Balance - Connection Fee Construction	500,850	1,127,110	961,836	1,368,186
Restricted Balance - Construction	886,060	2,296,433	2,278,118	8,262,931
Total Beginning Balance	\$ 5,384,182	\$ 7,420,815	\$ 7,237,226	\$ 9,631,117
Revenue				
Transfers	\$ 1,700,000	\$ 2,500,000	\$ 2,500,000	\$ 2,000,000
Proceeds from Debt Issuance	-	25,000,000	-	25,000,000
Investment Income	96,242	75,000	96,808	75,000
Impact Fees	-	-	-	-
Connection Fees	460,986	322,500	406,350	303,750
Total Revenue	2,257,228	27,897,500	3,003,158	27,378,750
TOTAL AVAILABLE FUNDS	\$ 7,641,410	\$ 35,318,315	\$ 10,240,384	\$ 37,009,867

APPROPRIATIONS

Projects

Capacity Management Operations & Maintenance	\$ -	\$ -	\$ -	\$ 640,000
Roadway Collection System Projects	-	-	-	1,000,000
Salitrillo & Martinez Sewershed Models	74,965	415,864	120,374	153,788
Salitrillo Collection System - Inflow and Infiltration				
Retail Collection System	-	260,407	-	48,861
Wholesale Collection System	225,214	1,231,438	199,682	73,463
Salitrillo Wastewater Treatment Plant Improvements	24,276	-	-	-
Salitrillo WWTP Expansion	79,278	29,099,898	289,212	28,796,509
Subsurface Utility Exploration & Utility Mapping	452	-	-	-
Utility Optimization Plan	-	22,500	-	22,500
Total Project Expenditures	\$ 404,184	\$ 31,030,107	\$ 609,267	\$ 30,735,122
Restricted Balance - Impact Fee Construction	3,997,272	-	-	-
Restricted Balance - Connection Fee Construction	961,836	1,449,610	1,368,186	1,671,936
Restricted Balance - Construction	2,278,118	2,838,598	8,262,931	4,602,809
TOTAL APPROPRIATIONS	\$ 7,641,410	\$ 35,318,315	\$ 10,240,384	\$ 37,009,867

San Antonio River Authority Wastewater System Construction and Improvements Fund (80)

The San Antonio River Authority wastewater system has several plants as well as a collections system, all of which are operated and maintained by Utility Department staff. The plants include: Upper Martinez, Martinez II, Martinez III, and Martinez IV. 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.

San Antonio River Authority
SARA Wastewater Systems Construction and Improvements Fund
Fiscal Year Ending June 30, 2021

Fund: 80

APPROPRIATIONS	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Activity As of 03/31/2020	Remaining Available Funds
Beginning Balance				
Restricted Balance - Impact Fee Construction	\$ -	\$ -	\$ -	\$ -
Restricted Balance - Connection Fee Construction	3,228,658	2,707,772	6,466,889	9,190,273
Restricted Balance - Construction	11,132,163	11,232,127	10,452,136	13,343,349
Total Beginning Balance	\$ 14,360,821	\$ 13,939,899	\$ 16,919,025	\$ 22,533,622
Revenue				
Intergovernmental Revenue	\$ 75,756	\$ -	\$ -	\$ -
Proceeds from Debt Issuance	-	-	-	11,000,000
Other Contributions	214,945	-	144,904	-
Transfers	3,250,000	2,900,000	2,900,000	3,800,000
Investment Income	282,492	150,000	223,065	100,000
Sale of Fixed Assets/Other Contributions	-	-	-	-
Impact Fees	-	-	-	-
Connection Fees	5,958,250	2,645,000	3,207,634	2,810,000
Total Revenues	9,781,443	5,695,000	6,475,603	17,710,000
TOTAL AVAILABLE FUNDS	\$ 24,142,263	\$ 19,634,899	\$ 23,394,628	\$ 40,243,622

APPROPRIATIONS

Projects

Capacity Management Operations & Maintenance	\$ -	\$ -	\$ -	\$ 600,000
Martinez III Decommission	-	100,000	50	99,950
Martinez IV Collection System CIP	175,859	316,254	171,296	965,712
Martinez IV Collection System CIP - Project 4	16,667	2,400,000	48,313	1,527,154
Martinez IV Impact Fee Evaluation	-	25,000	18,812	-
Martinez IV Solar	239,341	129,400	-	-
Martinez IV Wastewater System and Phase IV Collection Line	3,475,976	406,300	36,913	-
Martinez IV Wastewater Treatment Plant Expansion	-	500,000	1,363	11,648,637
Roadway Collection System Projects	-	-	-	300,000
Salitrillo and Martinez Sewershed Models	155,405	723,008	100,009	204,847
SARA WW Maintenance & Improvements	-	-	-	1,260,000
SARA WWTP - Inflow and Infiltration	940,630	-	-	-
Screw Pump Replacement - Martinez II	969,552	-	-	-
Subsurface Utility Exploration & Utility Mapping	37,558	-	-	-
Utility Optimization Plan	-	22,500	-	122,500
Connection Fee Expenditures	1,212,250	1,975,000	484,250	1,400,000

Total Project Expenditures	\$ 7,223,239	\$ 6,597,462	\$ 861,005	\$ 18,128,800
Restricted Balance - Impact Fee Construction	-	-	-	-
Restricted Balance - Connection Fee Construction	6,466,889	1,870,003	9,190,273	10,600,273
Restricted Balance - Construction	10,452,136	11,167,434	13,343,349	11,514,550
TOTAL APPROPRIATIONS	\$ 24,142,263	\$ 19,634,899	\$ 23,394,628	\$ 40,243,622

Utility Funds Debt Service

The River Authority has issued debt to fund needed capital improvement projects including WWTP and collection system improvements. In addition, 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. In FY 2017-18, the River Authority issued \$9.5 million in revenue bonds supported by the San Antonio River Authority Wastewater System. This debt funded construction of the new Martinez IV Wastewater Treatment Plant and collection line which began operations in April 2019. In FY 2019-20, the River Authority issued debt to fund the Salitrillo WWTP Expansion and Improvements Project and began the process to issue debt to fund the Martinez IV WWTP Expansion. The wastewater utility systems' rates are set to provide enough funding for the annual debt service requirements. Therefore, the existing debt does not negatively impact any of the River Authority's current operations.

The River Authority has no legal debt limits. However, the enabling statute of the River Authority prohibits the River Authority from pledging any ad valorem tax revenue to a debt issuance. The outstanding debt for the River Authority is currently paid from: wastewater systems revenues (generated from user fees); other outside agencies through contract (Alamo College District and Universal City); and surplus utility revenue that are not from ad valorem taxes.

The FY 2020-21 Budget for the Debt Service fund includes the full principal and interest payments on the outstanding debt other than that supported by the wastewater utility. The principal and interest costs for that debt are budgeted and paid in the SARA Wastewater System Operating Fund and Salitrillo Operating Fund. The debt service for the contracted debt for the reuse system is funded through the Salitrillo Operating Fund. The River Authority's total debt service for FY 2020-21 increased in comparison to FY 2019-20. This is due to the new Utility System Revenue Bond issued in 2020 to fund the Salitrillo WWTP Expansion and Improvements Project.

Detailed Debt Service Schedules are available on the River Authority website at <https://www.sariverauthority.org/transparency/debt-obligations>.

San Antonio River Authority Currently Outstanding Debt

Description	Original Issue Amount	Outstanding Principal	Interest Rate	Issue and Maturity Date	Purpose
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Wastewater System Revenue Bonds

Utility System Revenue Refunding Bonds - Series 2013	\$ 3,120,000	\$ 1,140,000	3.00%	September 2013 to July 2022	Refund outstanding Sewage System Revenue Refunding and Improvement Bonds, Series 2003.
Utility System Revenue Refunding Bonds - - Series 2017A	\$ 6,855,000	\$ 6,365,000	4.00%	July 2018 to June 2031	Martinez II Expansion (2010). Refunding, Series 2010.
Utility System Revenue Bonds - - Series 2020	\$ 21,855,000	\$ 21,885,000	4.00%	April 2020 to June 2045	Expansion of Salitrillo Wastewater System Plant

Contract Revenue Bonds

Wastewater System Contract Revenue Refunding Bonds - Series 2019 - Universal City Reuse Project	\$ 1,650,000	\$ 1,650,000	4.56%	October 2019 to June 2031	Construction of capital improvements to transport reuse waste for Universal City. Refunding, Series 2010.
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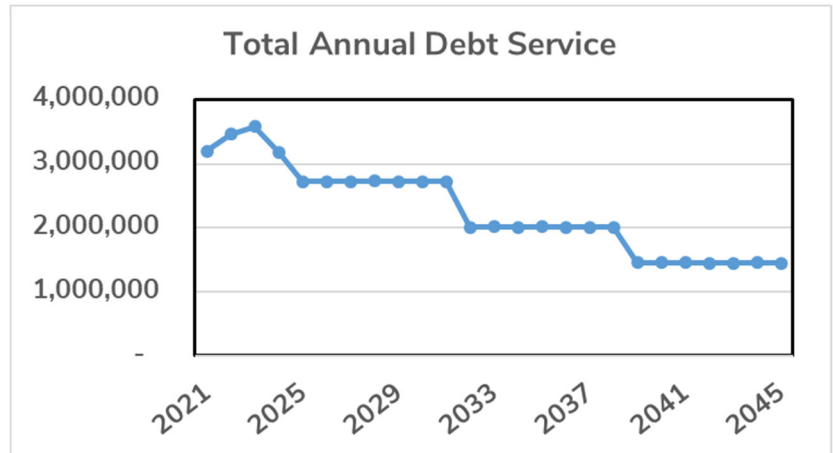
Other Debt

Wastewater System Revenue Improvement Bonds - Series 2017 - Texas Water Development Board	\$ 9,500,000	\$ 8,645,000	0.21%	July 2018 to June 2038	TWDB for construction of Martinez IV WWTP
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Total **\$ 42,980,000 \$ 39,685,000**

SAN ANTONIO RIVER AUTHORITY TOTAL ANNUAL DEBT SERVICE REQUIREMENTS

Fiscal Year Ending June 30	SARA WW Utility Bonds	Salitrillo WW Utility Bonds	Annual Total
2021	2,125,449	1,071,776	3,197,225
2022	2,136,671	1,328,700	3,465,371
2023	2,134,530	1,446,700	3,581,230
2024	1,735,737	1,450,200	3,185,937
2025	1,270,337	1,452,200	2,722,537
2026	1,272,439	1,451,700	2,724,139
2027	1,269,194	1,452,700	2,721,894
2028	1,274,542	1,454,200	2,728,742
2029	1,273,293	1,454,950	2,728,243
2030	1,270,596	1,453,950	2,724,546
2031	1,271,538	1,451,200	2,722,738
2032	557,884	1,451,700	2,009,584
2033	559,505	1,455,200	2,014,705
2034	560,655	1,450,200	2,010,855
2035	561,322	1,454,000	2,015,322
2036	561,598	1,451,200	2,012,798
2037	561,475	1,452,000	2,013,475
2038	560,945	1,451,200	2,012,145
2039	-	1,453,800	1,453,800
2040	-	1,454,600	1,454,600
2041	-	1,453,600	1,453,600
2042	-	1,450,800	1,450,800
2043	-	1,451,200	1,451,200
2044	-	1,454,600	1,454,600
2045	-	1,450,800	1,450,800
Total	\$ 20,957,710	\$ 35,803,176	\$ 56,760,886



SPECIAL REVENUE AND OTHER FUNDS



Wilson County Camelback Bridge



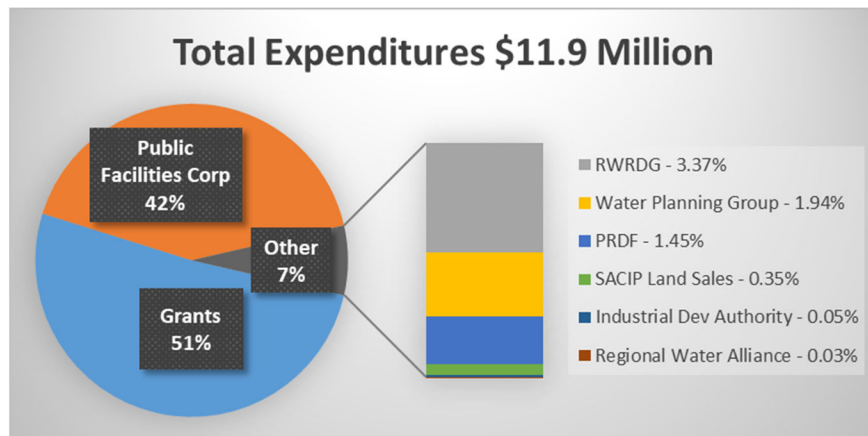
Special Revenue and Other Funds

Special Revenue Funds

The River Authority currently has eight special revenue funds that support various activities including 18 projects. By utilizing these funds, the River Authority can strategically invest in projects through dedicated revenue streams.

Included in the FY2020-21 Special Revenue Funds Adopted Budget is:

- \$85,000 to construct a boat ramp at John William Helton Nature Park.
- \$3.8 million for the Facilities Acquisition and Improvements Project.
- \$2,451,443 from FEMA for the Cooperating Technical Partners (CTP) Risk Map Projects and Letter of Map Revision (LOMR) Projects.



Other Funds

The FY 2020-21 Budget for the Debt Service fund includes the full principal and interest payments on the outstanding debt other than that supported by the wastewater utility. The River Authority's total debt service for FY 2020-21 remains relatively flat in comparison to FY 2019-20.

Detailed Debt Service Schedules are available on the River Authority website at

<https://www.sariverauthority.org/transparency/debt-obligations>.

The FY 2020-21 Adopted Budget for the Insurance Fund pays all administrative, premiums, claims and stop/loss insurance costs as well as some costs associated with the River Authority's wellness program. The FY 2020-21 Adopted Budget increases in comparison to the FY 2019-20 estimates due to actual activity analysis. The FY 2020-21 Adopted Budget incorporates a net increase in claims costs over prior year actuals of three percent to acknowledge industry trends. The medical service industry's costs for services are projected to increase, on average ten percent. The River Authority is also increasing the employer contribution amounts for health insurance to maintain a healthy fund balance.

Edwards Water Acquisition/Regional Water Resources Development Group Fund (31) Fiscal Year Ending June 30, 2021

The Regional Water Resources Development Group works to collectively purchase Edwards Aquifer water for the area. Revenue comes from water lease and purchase payments from entities that are using the water rights. Additional operating revenue comes from an administrative fee, which is a percentage of the water lease or purchase amount, along with an annual participation fee. Expenditures relate to water rights acquisition and administrative services provided by San Antonio River Authority staff as well as some outside resources that work together to manage the water rights program.

Available Funds	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Estimate	FY 2020-21 Budget
Beginning Balance				
Restricted - Water Management	\$ 103,608	\$ 111,445	\$ 108,904	\$ 124,408
<i>Total Beginning Balance</i>	\$ 103,608	\$ 111,445	\$ 108,904	\$ 124,408
Revenue				
Investment Earnings	\$ -	\$ -	\$ -	\$ -
Intergovernmental Revenue	281,751	275,500	220,944	275,500
Charges For Services	-	1,100	1,200	1,100
<i>Total Revenue</i>	\$ 281,751	\$ 276,600	\$ 222,144	\$ 276,600
TOTAL AVAILABLE FUNDS	\$ 385,359	\$ 388,045	\$ 331,048	\$ 401,008
APPROPRIATIONS				
Operating Expenditures	\$ -	\$ -	\$ -	\$ -
Administrative Expenses	6,588	6,000	6,000	6,000
Lease and Purchase Agreements	269,867	382,045	200,640	395,008
TOTAL OPERATING APPROPRIATIONS	\$ 276,455	\$ 388,045	\$ 206,640	\$ 401,008
Restricted - Water Management	108,904	-	124,408	-
TOTAL APPROPRIATIONS	\$ 385,359	\$ 388,045	\$ 331,048	\$ 401,008

Grants Fund (36)

Fiscal Year Ending June 30, 2021

The 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 the Federal Emergency Management Agency (FEMA), the National Resource Conservation Service, the Clean Rivers Program (Texas Commission on Environmental Quality), and other agencies.

Available Funds	FY2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Activity As of 03/31/2020	Remaining Available Funds
Beginning Balance				
Restricted Balance	\$ 3,598	\$ 44,848	\$ 152,708	\$ 152,708
Total Beginning Balance	\$ 3,598	\$ 44,848	\$ 152,708	\$ 152,708
Revenue				
Intergovernmental Revenue	\$ 343,677	\$ 3,964,883	\$ 296,189	\$ 3,488,466
Federal Grant Revenue	883,603	3,295,948	553,196	\$ 2,451,442
Miscellaneous	-	-	-	-
Total Revenue	1,227,280	7,260,831	849,385	5,939,908
TOTAL AVAILABLE FUNDS	\$ 1,230,878	\$ 7,305,679	\$ 1,002,093	\$ 6,092,616
APPROPRIATIONS				
Projects - Active Ongoing				
AACOG	\$ -	\$ 70,713	\$ 56,985	\$ -
Binz Engleman, Martinez Creek and Escondido Creek Dam				
Rehabilitations - NRCS	-	-	-	152,708
Clean Rivers Program 2017	272,015	586,341	243,234	279,381
CTP Business Plan	6,475	-	-	-
CTP Risk Map Cibolo Creek	142,282	491,370	106,094	258,781
CTP Risk Map Cibolo Creek - Phase 2	3,549	306,538	43,968	259,677
CTP Risk Map Lower San Antonio River	106,456	536,000	203,814	293,773
CTP Risk Map Upper San Antonio River - Phase 2	196,569	71,150	34,720	-
CTP Risk Map Upper San Antonio River - FY19	-	1,005,400	8,837	996,563
CTP Risk Map Upper Medina River Watershed - Phase 2	116,109	139,882	11,856	74,025
Escondido Creek Parkway	-	500,000	-	500,000
FEMA Letter of Map Revision - 2016	13,122	-	-	-
FEMA Letter of Map Revision - 2017	10,755	-	-	-
FEMA Letter of Map Revision - 2018	139,176	430,456	102,200	208,624
FEMA Letter of Map Revision - 2019	-	360,000	-	360,000
Green Stormwater Infrastructure Master Plan: Upper SAR	-	168,534	31,382	137,152
Mid/Lower Cibolo Creek Watershed Protection Plan	71,662	139,295	6,295	71,933
Transportation Alternatives - WSC Alazan	-	2,500,000	-	2,500,000
Projects - Authorized Pending Award				
CTP Risk Map Lower Cibolo and Lower Medina	-	-	-	-
FEMA Letter of Map Revision - 2020	-	-	-	-
TOTAL PROJECT EXPENDITURES	\$ 1,078,170	\$ 7,305,679	\$ 849,385	\$ 6,092,616
Restricted Balance	152,708	-	152,708	-
TOTAL APPROPRIATIONS	\$ 1,230,878	\$ 7,305,679	\$ 1,002,093	\$ 6,092,616

Park Resources Development Fund (26)

Fiscal Year Ending June 30, 2021

The Park Resources Development Fund accounts for revenues received from the sale of land, leases, license agreements and easements unless the sales contract stipulates otherwise. 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.

Available Funds	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Activity As of 03/31/2020	Remaining Available Funds
Beginning Balance				
Committed Balance - Parks	\$ 195,333	\$ 207,778	\$ 242,602	\$ 260,511
Total Beginning Balance	\$ 195,333	\$ 207,778	\$ 242,602	\$ 260,511
Revenue				
Investment Earnings	\$ 3,360	\$ 3,000	\$ 3,097	\$ 1,000
Charges for Services	48,179	50,000	14,811	20,000
Miscellaneous	-	-	-	-
Total Revenue	\$ 51,539	\$ 53,000	\$ 17,908	\$ 21,000
TOTAL AVAILABLE FUNDS	\$ 246,872	\$ 260,778	\$ 260,511	\$ 281,511
APPROPRIATIONS				
Kenedy Operations Center	\$ -	\$ 84,660	\$ -	\$ 64,660
Nature Park Signage Development	4,270	3,000	-	3,000
Property Acquisition	-	-	-	20,000
Helton Boat Ramp	-	-	-	85,000
TOTAL OPERATING APPROPRIATIONS	\$ 4,270	\$ 87,660	\$ -	\$ 172,660
Committed Balance - Parks	242,602	173,118	260,511	108,851
TOTAL APPROPRIATIONS	\$ 246,872	\$ 260,778	\$ 260,511	\$ 281,511

Regional Water Alliance Fund (32)

Fiscal Year Ending June 30, 2021

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.

Available Funds	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Estimate	FY 2020-21 Budget
Beginning Balance				
Restricted - Water Management	\$ 19,863	\$ 24,356	\$ 24,356	\$ 27,572
<i>Total Beginning Balance</i>	\$ 19,863	\$ 24,356	\$ 24,356	\$ 27,572
Revenue				
Investment Earnings	\$ 293	\$ 50	\$ 293	\$ 50
Intergovernmental Revenue	4,200	4,400	4,600	4,400
Sponsorships - Non Governmental	-	-	-	-
<i>Total Revenue</i>	\$ 4,493	\$ 4,450	\$ 4,893	\$ 4,450
TOTAL AVAILABLE FUNDS	\$ 24,356	\$ 28,806	\$ 29,249	\$ 32,022
APPROPRIATIONS				
Operating Expenditures	\$ -	\$ 3,000	\$ 1,677	\$ 3,000
TOTAL OPERATING APPROPRIATIONS	\$ -	\$ 3,000	\$ 1,677	\$ 3,000
Restricted - Water Management	24,356	25,806	27,572	29,022
TOTAL APPROPRIATIONS	\$ 24,356	\$ 28,806	\$ 29,249	\$ 32,022

San Antonio Capital Improvements Project Land Sales Fund (22)

Fiscal Year Ending June 30, 2021

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 or disposal. The San Antonio Capital Improvements Project Land Sales Fund accounts for the revenue and authorized expenditures of these funds.

Available Funds	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Activity As of 03/31/2020	Remaining Available Funds
Beginning Balance				
Restricted Balance - Watershed Management	\$ 345,368	\$ 136,302	\$ 118,246	\$ 163,721
Assigned Contract Commitment	-	3,451	1,775	-
Total Beginning Balance	\$ 345,368	\$ 139,753	\$ 120,021	\$ 163,721
Revenue				
Investment Earnings	\$ 3,536	\$ 3,000	\$ 1,639	\$ 1,500
Charges for Services	53,099	59,995	54,677	60,995
Sale of Fixed Assets	4,771	-	-	-
Total Revenue	\$ 61,406	\$ 62,995	\$ 56,316	\$ 62,495
TOTAL AVAILABLE FUNDS	\$ 406,774	\$ 202,748	\$ 176,337	\$ 226,216
APPROPRIATIONS				
Westside Creeks San Pedro Creek Project	\$ 68,928	\$ 73,085	\$ 10,842	\$ 41,099
River Road Stream Restoration	150,000	-	-	-
AAMN Demonstration Garden	67,825	3,451	1,775	-
TOTAL OPERATING APPROPRIATIONS	\$ 286,753	\$ 76,536	\$ 12,617	\$ 41,099
Restricted Balance - Watershed Management	118,246	126,212	163,721	185,117
Assigned Contract Commitment	1,775	-	-	-
TOTAL APPROPRIATIONS	\$ 406,774	\$ 202,748	\$ 176,337	\$ 226,216

San Antonio River Authority Public Facilities Corporation Fund (23)

Fiscal Year Ending June 30, 2021

The San Antonio River Authority Public Facilities Corporation is a nonprofit public facility corporation that acts on behalf of the River Authority in cases of debt issuances for facility purchases using lease revenue bonds. 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 and, in FY20 purchased a new Administrative facility which will require remodeling. The Public Facilities Corporation funded and owns these facilities and the River Authority pays an annual lease for use of the building which covers debt service payments.

Available Funds	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Activity As of 03/31/2020	Remaining Available Funds
Beginning Balance				
Assigned for Projects	\$ 17,570	\$ 17,570	\$ (297,930)	\$ 4,170,537
Restricted for Debt Service				-
Restricted for Construction				-
<i>Total Beginning Balance</i>	\$ 17,570	\$ 17,570	\$ (297,930)	\$ 4,170,537
Revenue				
Investment Earnings	\$ -	\$ -	\$ 9,393	\$ 7,000
Charges for Services	181,915	181,386	181,386	-
Transfers - General Fund	-	100,350	100,350	998,899
<i>Total Revenue</i>	\$ 181,915	\$ 8,848,561	\$ 9,017,351	\$ 1,005,899
TOTAL AVAILABLE FUNDS	\$ 199,485	\$ 8,866,131	\$ 8,719,421	\$ 5,176,436
APPROPRIATIONS				
Mission Reach Operations Center	\$ -	\$ 12,277	\$ -	\$ 12,277
Debt Service	182,415	589,558	585,567	1,099,249
Construction - Facilities Acquisition and Improvements Project	315,000	8,110,578	3,963,317	3,832,261
TOTAL OPERATING APPROPRIATIONS	\$ 497,415	\$ 8,712,413	\$ 4,548,884	\$ 4,943,787
Assigned for Projects	(297,930)	153,718	4,170,537	232,649
TOTAL APPROPRIATIONS	\$ 199,485	\$ 8,866,131	\$ 8,719,421	\$ 5,176,436

San Antonio River Industrial Development Authority Fund (24)

Fiscal Year Ending June 30, 2021

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

Available Funds	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Estimate	FY 2020-21 Budget
Beginning Balance				
Committed Balance - Economic Development	\$ 16,333	\$ 10,560	\$ 10,574	\$ 4,697
<i>Total Beginning Balance</i>	\$ 16,333	\$ 10,560	\$ 10,574	\$ 4,697
Revenue				
Investment Earnings	\$ 241	\$ 150	\$ 123	\$ 80
Transfers - Unrestricted General Fund	-	-	-	1,223
<i>Total Revenue</i>	\$ 241	\$ 150	\$ 123	\$ 1,303
TOTAL AVAILABLE FUNDS	\$ 16,574	\$ 10,710	\$ 10,697	\$ 6,000
APPROPRIATIONS				
Operating Expenditures	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000
TOTAL OPERATING APPROPRIATIONS	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000
Committed Balance - Economic Development	10,574	4,710	4,697	-
TOTAL APPROPRIATIONS	\$ 16,574	\$ 10,710	\$ 10,697	\$ 6,000

South Texas Regional Water Planning Group Fund (30)

Fiscal Year Ending June 30, 2021

The South Texas Regional Water Planning Group Fund is an account managed by the San Antonio River Authority pursuant to the Interlocal Agreement (ILA) for Funding of Senate Bill 1 South Central Texas Regional Water Planning Group Administrative Costs. The participants include stakeholders throughout the twenty-one county South Texas Regional Water Planning Area – cities, counties, groundwater management areas, river authorities, water districts, water and electric utilities, small businesses, and agricultural, environmental and industrial interests. The participants in Region L have entered into interlocal agreements to reimburse the River Authority for its labor and direct expenses associated with administering the development of the 2021 South Central Texas Regional Water Plan. Revenues are received from the Texas Water Development Board and the participants in Region L. Funds are used for consulting services to develop the plan and general administrative costs associated with developing the five-year water plan.

Available Funds	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Activity As of 03/31/2020	Remaining Available Funds
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Beginning Balance

Unassigned Balance	\$ 46	\$ 46	\$ -	\$ -
Total Beginning Balance	\$ 46	\$ 46	\$ -	\$ -

Revenue

Investment Earnings	\$ 844	\$ 800	\$ 1,392	\$ 350
Intergovernmental Revenue	249,070	756,488	396,548	230,741
Total Revenue	\$ 249,914	\$ 757,288	\$ 397,940	\$ 231,091

TOTAL AVAILABLE FUNDS	\$ 249,960	\$ 757,334	\$ 397,940	\$ 231,091
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APPROPRIATIONS

Operating Administrative Expenditures	\$ 10,486	\$ 60,046	\$ 11,249	\$ 46,887
SCTRWPG 2021 Regional Water Planning	239,474	697,288	386,691	184,204

TOTAL OPERATING APPROPRIATIONS	\$ 249,960	\$ 757,334	\$ 397,940	\$ 231,091
Unassigned Balance	-	-	-	-
TOTAL APPROPRIATIONS	\$ 249,960	\$ 757,334	\$ 397,940	\$ 231,091

Debt Service Fund (02)

Description

The River Authority has issued debt to fund capital improvement projects including flood control structures and facilities for staff. The San Antonio River Authority Public Facilities Corporation issued debt for the construction of a maintenance facility for the Watershed and Park Operations staff. In FY 2015-16, the River Authority issued surplus revenue bonds to fund the purchase and renovation of the Urban Reach Operations Center which houses staff that manage the Museum Reach San Antonio River improvements. The debt previously issued for flood control is supported entirely by the Bexar County flood control tax.

The River Authority has no legal debt limits. However, the enabling statute of the River Authority prohibits the River Authority from pledging any ad valorem tax revenue to a debt issuance. The outstanding debt for the River Authority is currently paid from: Bexar County flood control property tax revenue (through a contract with Bexar County) and surplus revenue – General Fund – that are not from ad valorem taxes. The General Fund, because ad valorem taxes cannot support debt service, is not impacted by existing debt obligations. Therefore, the existing debt does not negatively impact any of the River Authority's current operations.

The amounts budgeted in this fund reflect the principal and interest payments for non-utility related outstanding debt. The tables below provide information on the purpose, use and amount of the 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.

San Antonio River Authority
Debt Service Fund
Fiscal Year Ending June 30, 2021

Fund: 02

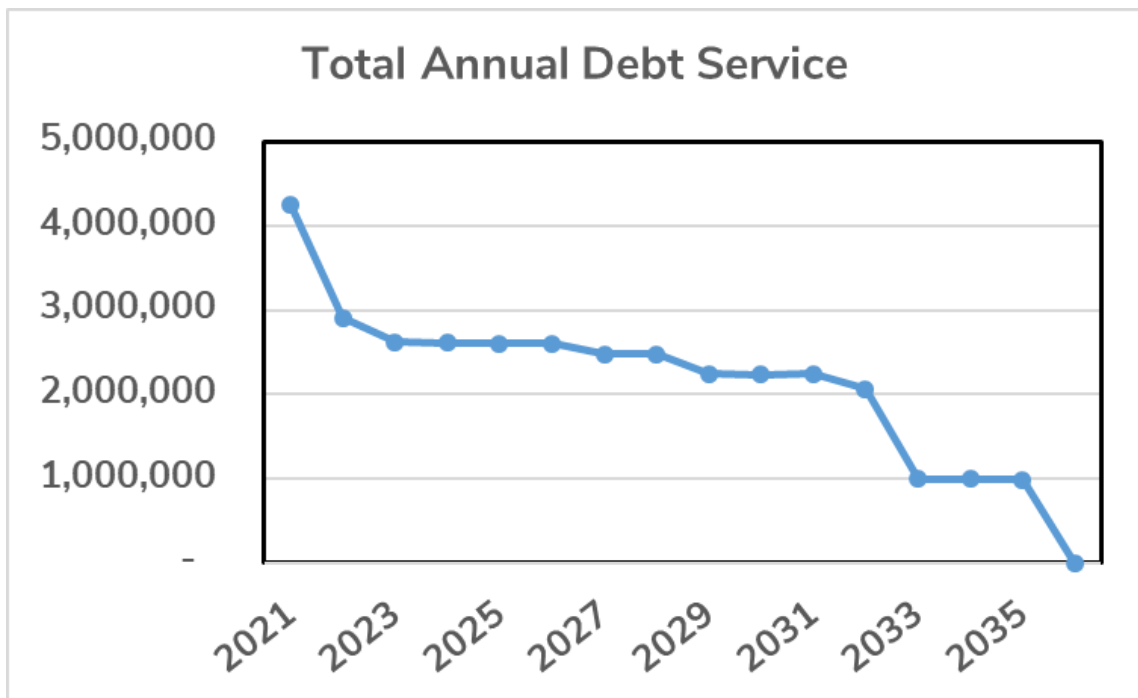
Available Funds	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Estimate	FY 2020-21 Budget
Beginning Balance				
Restricted for Debt Service - Channel Improvements	\$ 2,170,018	\$ 1,903,528	\$ 2,474,854	\$ 2,560,838
<i>Total Beginning Balance</i>	\$ 2,170,018	\$ 1,903,528	\$ 2,474,854	\$ 2,560,838
Revenue				
Investment Earnings	\$ 24,423	\$ 15,000	\$ 7,284	\$ 5,000
Intergovernmental Revenue	2,923,812	2,937,838	3,025,671	2,935,268
Transfers - General Fund	599,557	592,974	592,974	598,303
<i>Total Revenue</i>	\$ 3,547,792	\$ 3,545,812	\$ 3,625,929	\$ 3,538,571
TOTAL AVAILABLE FUNDS	\$ 5,717,810	\$ 5,449,340	\$ 6,100,783	\$ 6,099,409
APPROPRIATIONS				
Debt Service - Channel Improvement Bonds	\$ 2,673,418	\$ 2,935,268	\$ 2,935,268	\$ 2,935,268
Debt Service - Contract Revenue	-	-	-	-
Debt Service - Texas Water Dev Board	426,250	458,085	458,085	464,917
Debt Service - Urban Reach Operations Center	132,458	132,458	132,458	133,387
Debt Service - Operation Expenses	10,830	25,000	14,134	5,000
TOTAL OPERATING APPROPRIATIONS	\$ 3,242,956	\$ 3,550,811	\$ 3,539,945	\$ 3,538,571
Debt Service Reserve - Channel Improvements	2,474,854	1,898,529	2,560,838	2,560,838
TOTAL APPROPRIATIONS	\$ 5,717,810	\$ 5,449,340	\$ 6,100,783	\$ 6,099,409

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 2014	\$ 5,165,000	\$ 710,000	1.24%	February 2014 to July 2020	Refund outstanding Bexar County Channel Improvement Revenue Bonds - Series 2002 and Refunding Bonds Series 2003A
Channel Improvement Revenue Refunding Bonds - Series 2015	\$ 8,265,000	\$ 2,990,000	1.90%	January 2015 to June 2028	Refund outstanding Bexar County Channel Improvement Revenue Bonds - Series 2004
Channel Improvement Revenue Refunding Bonds - Series 2019	\$ 11,530,000	\$ 10,700,000	3.15%	April 2019 to June 2032	Refund outstanding Bexar County Channel Improvement Revenue Bonds - Series 2007
<u>Other Debt</u>					
Wastewater System Revenue Improvement Bonds - Series 2013A - Texas Water Development Board	\$ 4,300,000	\$ 1,770,000	1.24%	October 2013 to June 2024	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	\$ 2,339,000	2.77%	January 2014 to June 2035	Construction of the Mission Reach Operations Center facility
San Antonio River Authority Public Facility Corporation - Sheridan Administrative Facility - Lease Revenue Bonds - Series 2019	\$ 10,600,000	\$ 10,600,000	1.97%	October 2019 to June 2035	Purchase and remodeling of administrative facility located at W. Sheridan.
Surplus Revenue Bonds	\$ 1,200,000	\$ 745,000	1.77%	May 2016 to June 2026	Purchase and renovation of the Urban Reach Operations Center
Total	\$ 44,160,000	\$ 29,854,000			

**SAN ANTONIO RIVER AUTHORITY TOTAL ANNUAL DEBT SERVICE
REQUIREMENTS**

Fiscal Year Ending June 30	Channel Improvement Bonds	Public Facilities Corporation Bonds	General Improvement Revenue Bonds	Contract Revenue Bonds	Annual Total
2021	2,936,031	998,899	133,187	173,781	4,241,898
2022	1,612,425	995,777	131,063	168,937	2,908,202
2023	1,315,841	998,801	133,939	171,263	2,619,844
2024	1,316,178	995,045	131,726	168,493	2,611,442
2025	1,310,679	999,008	129,514	165,724	2,604,925
2026	1,309,345	995,894	132,301	162,954	2,600,494
2027	1,312,050	997,475	-	170,185	2,479,710
2028	1,313,715	998,702	-	167,224	2,479,641
2029	1,071,668	999,575	-	169,264	2,240,507
2030	1,070,955	1,000,094	-	166,208	2,237,257
2031	1,069,298	1,005,209	-	168,152	2,242,659
2032	1,071,616	995,020	-	-	2,066,636
2033	-	995,566	-	-	995,566
2034	-	994,748	-	-	994,748
2035	-	988,625	-	-	988,625
2036	-	-	-	-	-
Total	\$ 16,709,801	\$ 14,958,438	\$ 791,730	\$ 1,852,185	\$ 34,312,154



Insurance Fund (90)

Description

The San Antonio River Authority provides medical, dental, vision and other “cafeteria plan” benefits to its employees. The medical benefits program is managed through a self-insurance program. For the self-insurance program, the River Authority pays a “per employee per month” premium into the Insurance Fund. Employees also pay insurance premiums for themselves and 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 \$50,000, the River Authority’s Insurance Fund no longer pays the claim costs; the stop/loss insurer pays the additional claim costs. This has proven to be a cost-effective means for the River Authority to control medical insurance expenses.

In plan year 2016, the River Authority moved to an outside insurer for dental and vision insurance as this was the most cost-effective way to continue to provide quality benefits to employees. The cost of this coverage shifted from claims costs to administrative and premium costs.

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.

San Antonio River Authority
Insurance Fund
Fiscal Year Ending June 30, 2021

Fund: 90

Available Funds	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Estimate	FY 2020-21 Budget
Beginning Balance				
Unrestricted Balance	\$ 1,538,543	\$ 1,663,074	\$ 1,828,800	\$ 1,807,999
<i>Total Beginning Balance</i>	\$ 1,538,543	\$ 1,663,074	\$ 1,828,800	\$ 1,807,999
Revenue				
Investment Earnings	\$ 26,048	\$ 18,000	\$ 18,376	\$ 10,000
Miscellaneous	29,859	20,000	21,911	20,000
Premiums	3,298,866	3,103,613	3,206,271	3,687,832
Transfers	-	-	-	-
<i>Total Revenue</i>	\$ 3,354,773	\$ 3,141,613	\$ 3,246,558	\$ 3,717,832
TOTAL AVAILABLE FUNDS	\$ 4,893,316	\$ 4,804,687	\$ 5,075,358	\$ 5,525,832
APPROPRIATIONS				
Operating Expenditures	\$ 3,064,516	\$ 3,103,544	\$ 3,267,359	\$ 3,737,029
TOTAL OPERATING APPROPRIATIONS	\$ 3,064,516	\$ 3,103,544	\$ 3,267,359	\$ 3,737,029
Unrestricted Balance	\$ 1,828,800	\$ 1,701,143	\$ 1,807,999	\$ 1,788,802
TOTAL APPROPRIATIONS	\$ 4,893,316	\$ 4,804,687	\$ 5,075,358	\$ 5,525,832



SAN ANTONIO

RIVER AUTHORITY

CAPITAL PROJECT FUNDS



**San Antonio River at Ferry Street
Goliad County**

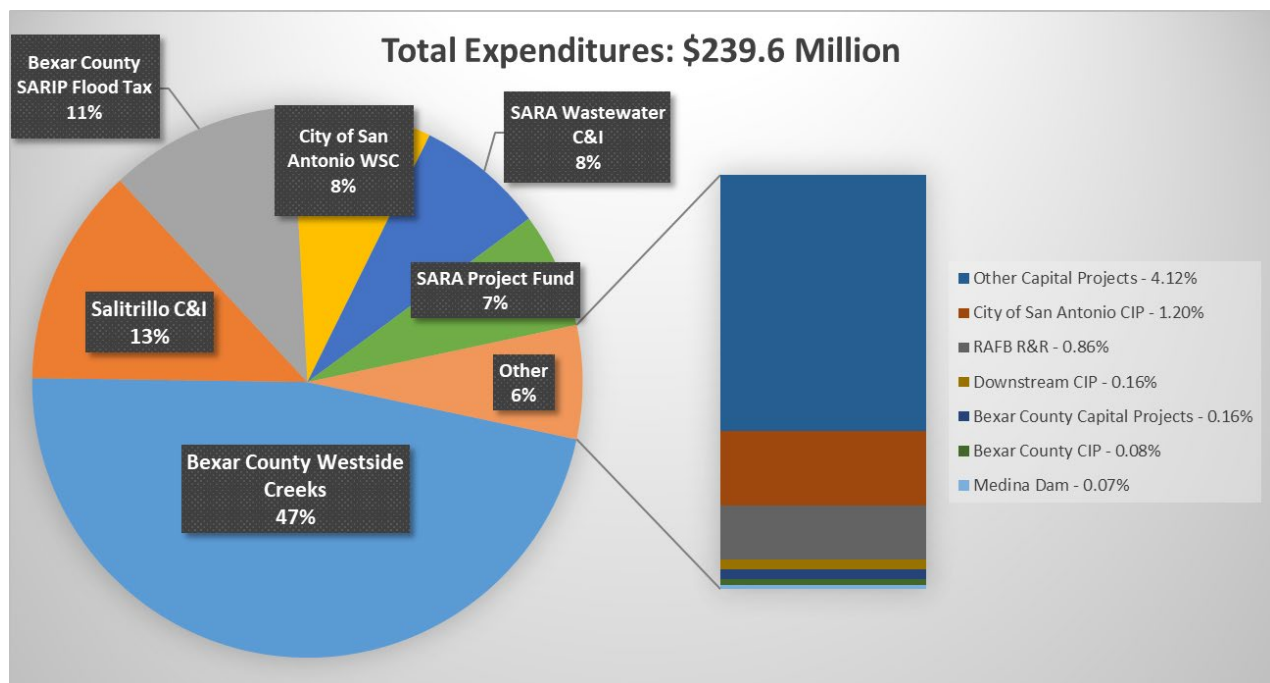


Capital Project Funds

There is a total of 53 capital projects across 13 funds in the FY 2020-21 Adopted Budget, consisting of 45 existing projects and 8 new projects. The total expenditures in the Adopted Budget for FY 2020-21 is \$239,567,192 across all the Capital Project Funds, which is a 9 percent decrease as compared to the FY 2019-20 Amended Budget of \$262,923,089.

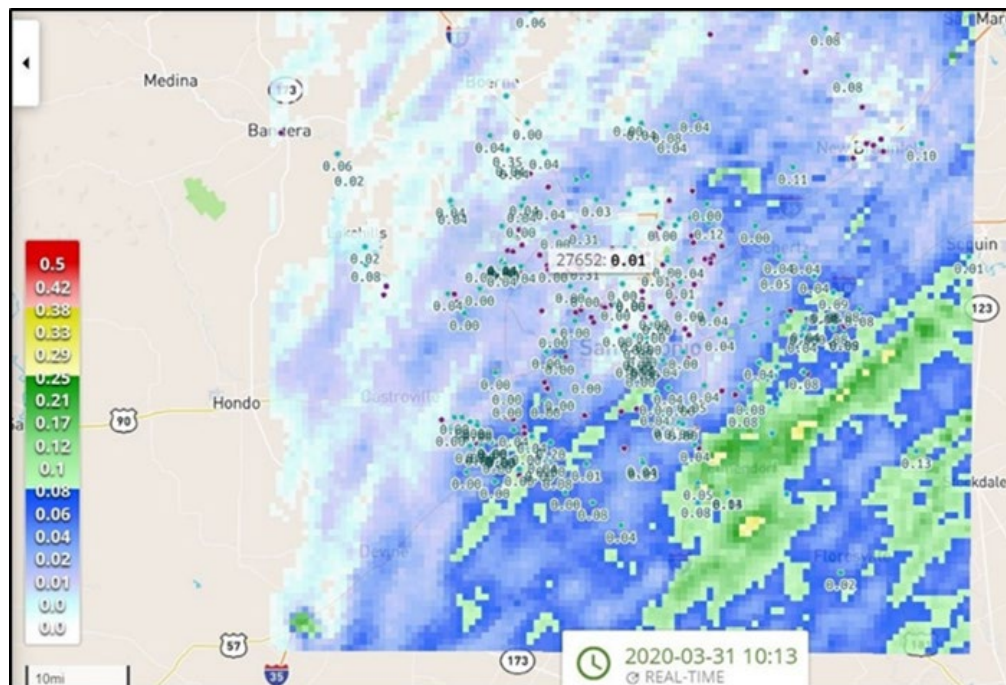
- Bexar County Westside Creeks Restoration Projects fund holds the largest portion of funding with expenditures budgeted at \$112.3 million for the San Pedro Creek Culture Park project.
- City of San Antonio Westside Creeks Restoration Projects fund has an expenditure budget of over \$19.6 million.
- Salitrillo Construction and Improvement Projects fund also has a significant amount of budgeted funding totaling \$30.7 million dollars mostly allocated to the Salitrillo Wastewater Treatment Plant Expansion and Improvements Project.

The San Antonio River Authority Projects Fund Adopted Budget has expenditures of over \$16 million which is a 7 percent decrease over the FY 2019-20 Amended Budget. A large portion of this budget is dedicated to continued flood management initiatives, park development, and facilities improvements.



SAN ANTONIO RIVER AUTHORITY

PROJECT FUND



Project Highlight: Predictive Flood Modeling – In FY 2020-21, the River Authority will continue its efforts toward having more robust predictive flood modeling. This project will result in a system that provides real-time operational forecasting and early warning to provide important situational awareness during emergency response operations.

San Antonio River Authority Project Fund (04)

Description

The 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. Completion of these projects and studies may span more than one fiscal year. Therefore, in FY 2015-16, the San Antonio River Authority Project Fund was created to budget and manage the expenditures for these activities. This fund's project budgets are managed by project life rather than by fiscal year to recognize this issue. Funds are transferred from the General Fund to provide needed funding for the projects budgeted in this fund. Debt funding has also been used as a revenue source for building acquisition and renovation.

This fund also 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.

For FY 2020-21, 35 projects and studies are included in this fund and advance the River Authority's commitment to safe, clean, and enjoyable creeks and rivers. \$16,237,730 is to be allocated for all projects authorized in FY 2020-21. The breakdown is as follows:

- \$15,173,997 for existing and ongoing projects.
- \$955,000 in funding for new projects.
- \$108,733 in unassigned funds.

San Antonio River Authority
SARA Projects Fund
Fiscal Year Ending June 30, 2021

Fund: 04

APPROPRIATIONS	FY 2018/19 Actual	FY 2019/20 Amended Budget	FY 2019/20 Activity As of 03/31/2020	Remaining Available Funds
Beginning Balance				
Committed Balance (Board Reserve)	\$ 5,002,082	\$ 3,512,377	\$ 3,512,377	\$ 3,792,737
Assigned for Projects	5,272,357	10,588,738	9,154,339	11,315,461
Total Beginning Balance	\$ 10,274,439	\$ 14,101,115	\$ 12,666,716	\$ 15,108,198
Revenue				
Intergovernmental Revenue	\$ -	\$ -	\$ -	\$ -
Investment Income	-	-	-	-
Transfers - General Fund	4,953,705	7,188,710	6,238,710	5,522,269
TOTAL AVAILABLE FUNDS	\$ 15,228,144	\$ 21,289,825	\$ 18,905,426	\$ 20,630,467

APPROPRIATIONS

Projects

Active Ongoing

BRWM Stream Mitigation Bank	\$ 68,232	\$ 75,857	\$ -	\$ 44,729
Clean Rivers Program 2017/SARA Stream Monitoring	-	5,264	-	10,264
Cooperating Technical Partners (CTP) Development	17,039	2,074	-	2,074
CoSA Bond GSI Match	-	335,000	-	335,000
Digital Data and Model Repository Redevelopment	131,014	116,909	34,947	9,039
Edwards Aquifer Watershed Protection	-	13,001	12	12,988
Escondido Creek Parkway	74,808	3,004,529	853,826	2,089,071
Espada Park	-	150,000	-	150,000
Facilities Acquisition/Improvements Project	71,141	2,400,875	-	3,150,158
Floodplain Remapping (2018)	533,440	3,168,397	1,331,737	2,168,479
Freshwater Mussel Propagation	3,284	173,453	108,729	178,440
Impervious Cover Mitigation	373,033	721,880	257,322	216,797
Inflow Scenarios for San Antonio Bay Modeling (2018)	117,701	117,269	-	7,299
Kenedy Operations Center	-	65,340	-	65,340
Laboratory Management Software Replacement	36,087	145,017	9,000	99,930
Lucity Implementation and Asset Management	-	100,000	-	100,000
Mission Reach Erosion Repairs	163,170	437,346	113,286	530,208
Museum Reach Electrical Infrastructure Upgrade	-	200,000	-	400,000
Nature Park Signage Development	-	-	-	-
Network File/Folder Re-Structure	-	-	-	-
Predictive Flood Modeling	-	1,850,000	614,923	1,235,077
River Road Stream Restoration	111,000	420,490	1,628	418,862
San Pedro Creek Culture Park	-	-	-	-
San Pedro Creek Operations Center	39,436	966,826	20,992	935,689
Trash and Floatables Mitigation - Olmos Creek	42,655	345,164	24,394	304,691
Tributary Modeling	99,514	159,854	11,911	134,545
Watershed Master Plans Integration	31,975	312,875	58,562	754,883
Watershed Wise River Discovery	98,977	158,340	33,133	32,072
Watershed Wise Rebate Program	190,106	1,558,288	157,780	1,889,509
Watershed Wise School Grant	-	5,252	-	5,252
Westside Creeks - Linear Creek Trails and Elmendorf Park	4,870	71,686	988	93,602

San Antonio River Authority
SARA Projects Fund
Fiscal Year Ending June 30, 2021

Fund: 04

APPROPRIATIONS	FY 2018/19 Actual	FY 2019/20 Amended Budget	FY 2019/20 Activity As of 03/31/2020	Remaining Available Funds
Beginning Balance				
Committed Balance (Board Reserve)	\$ 5,002,082	\$ 3,512,377	\$ 3,512,377	\$ 3,792,737
Assigned for Projects	5,272,357	10,588,738	9,154,339	11,315,461
Total Beginning Balance	\$ 10,274,439	\$ 14,101,115	\$ 12,666,716	\$ 15,108,198
Revenue				
Intergovernmental Revenue	\$ -	\$ -	\$ -	\$ -
Investment Income	-	-	-	-
Transfers - General Fund	4,953,705	7,188,710	6,238,710	5,522,269
TOTAL AVAILABLE FUNDS	\$ 15,228,144	\$ 21,289,825	\$ 18,905,426	\$ 20,630,467
APPROPRIATIONS				
<u>Projects</u>				
New Authorized Projects				
Brackenridge Park	-	-	-	75,000
Escondido Creek Parkway Phase II	-	-	-	50,000
GSI Broadway Alamo Heights	-	-	-	100,000
Nature Based Parks Master Planning	-	-	-	470,000
South Flores Stormwater Retrofit	-	-	-	60,000
Closed Projects				
Basin Assessment Mapping and Analysis Tool	18,778	8,108	-	-
Cibolo Creek Watershed Master Plan	41,708	-	-	-
Feral Hog Management	8,222	8,221	-	-
Guenther/Euclid Stormwater Retrofit	6,275	-	-	-
H&H Study - Borrego to Medio	7,478	50,000	42,489	-
John Helton SA River Nature Park	77,303	7,680	7,680	-
Mission Reach Avian Study	37,840	24,072	13,091	-
Resource Conservation Partnership Program	37,495	-	-	-
Site-Scale Model Development	84,538	213,462	100,800	-
Stormwater Training and Tools	18,831	-	-	-
Trueheart Park	1,728	-	-	-
USGS Baseline Study of Oil and Gas Production	-	-	-	-
Constituents Phase II Project	13,750	-	-	-
Unassigned Funds	-	104,559	-	108,733
Total Project Expenditures	\$ 2,561,428	\$ 17,497,088	\$ 3,797,228	\$ 16,237,730
Committed Balance (Board Reserve)	3,512,377	3,792,737	3,792,737	4,392,737
Assigned for Projects	9,154,339	-	11,315,461	-
TOTAL APPROPRIATIONS	\$ 15,228,144	\$ 21,289,825	\$ 18,905,426	\$ 20,630,467

EXTERNAL CAPITAL IMPROVEMENT PROJECT FUNDS



Project Highlight: San Pedro Creek Culture Park – In collaboration with Bexar County and the City of San Antonio, the River Authority is restoring San Pedro Creek's natural environment and creating a world-class linear park. The San Pedro Creek Culture Park will encompass a total of four phases, with three segments in Phase 1. With Segment 1 completed, the second segment is currently under construction.

Bexar County Capital Improvement Projects Fund (13)

Fiscal Year Ending June 30, 2021

The Bexar County Capital Improvement Projects Fund accounts for the budget and expenses related to the Bexar County Capital Improvement Program. Through an agreement with Bexar County, the River Authority acquires land rights, i.e. easements and fee simple ownership, for Bexar County Flood Control Infrastructure Services for construction of low water crossings, natural waterway conveyances, bridges, drainage channels, and regional stormwater facilities. Bexar County reimburses the River Authority for all expenses related to these projects.

	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Activity As of 03/31/2020	Remaining Available Funds
APPROPRIATIONS				
Beginning Balance				
Restricted Balance - Construction	\$ -	\$ -	\$ -	\$ -
Total Beginning Balance	\$ -	\$ -	\$ -	\$ -
Revenue				
Intergovernmental Revenue	\$ 5,212	\$ 202,181	\$ -	\$ 202,181
Investment Income		-	-	-
Total Revenue	5,212	202,181	-	202,181
TOTAL AVAILABLE FUNDS	\$ 5,212	\$ 202,181	\$ -	\$ 202,181
APPROPRIATIONS				
BCCIP - Cimarron Subdivision CB9	\$ 3,995	\$ 51,361	\$ -	\$ 51,361
BCCIP - Elm Ck @ Pearsall MR11	954	2,562	-	2,562
BCCIP - Espada Road	-	-	-	-
BCCIP - French Creek LC23	-	22,037	-	22,037
BCCIP - Huebner Creek LC17	-	10,114	-	10,114
BCCIP - Kirkner Road SA46	263	12,610	-	12,610
BCCIP - Medio Ck Sunset MR32	-	-	-	-
BCCIP - North Talley Road MR10	-	48,904	-	48,904
BCCIP - Pecan Creek/Toutant Beauregard LC34	-	39,485	-	39,485
BCCIP - Perrin Beitel SC9	-	-	-	-
BCCIP - S. Hausman @ French Ck LC5	-	1,098	-	1,098
BCCIP - Six Mile Creek SA43	-	-	-	-
BCCIP - Woodlawn at 36th Street SA55	-	14,010	-	14,010
Total Project Expenditures	\$ 5,212	\$ 202,181	\$ -	\$ 202,181
Restricted Balance - Construction	-	-	-	-
TOTAL APPROPRIATIONS	\$ 5,212	\$ 202,181	\$ -	\$ 202,181

Bexar County Capital Projects Fund (59)

Fiscal Year Ending June 30, 2021

The River Authority works with Bexar County to complete capital improvement projects that address flood control. This Bexar County Capital Projects Fund is used to account for budgets and expenditures for these projects funded by Bexar County. Bexar County reimburses the River Authority for expenses incurred. Additionally, activity associated with Lakewood Acres that was previously budgeted in the San Antonio Capital Improvements Project (SACIP) 1999 Fund (53) is included. This fund accounted for improvements on the San Antonio River, other watersheds and the Cibolo Creek Floodplain Buyout as authorized in the 1999 amendatory contract with Bexar County.

	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Activity As of 03/31/2020	Remaining Available Funds
APPROPRIATIONS				
Beginning Balance				
Restricted Balance - Construction	\$ 46,750	54,536	\$ 54,536	\$ 54,536
Total Beginning Balance	\$ 46,750	\$ 54,536	\$ 54,536	\$ 54,536
Revenue				
Investment Income	\$ -	\$ -	\$ -	\$ -
Intergovernmental Revenue	305,058	365,031	-	342,837
Miscellaneous	-	-	-	-
Total Revenue	305,058	365,031	-	342,837
TOTAL AVAILABLE FUNDS	\$ 351,808	\$ 419,567	\$ 54,536	\$ 397,373
APPROPRIATIONS				
<u>Projects</u>				
Binz Engleman, Martinez, Escondido Dam				
Rehabilitations (previously Martinez 1, 2, 3)	\$ 33,272	\$ 33,272	\$ -	\$ -
Lakewood Acres	-	27,817	-	27,817
Mission Reach Erosion Repairs	264,000	365,031	-	365,031
Total Project Expenditures	\$ 297,272	\$ 426,120	\$ -	\$ 392,848
Restricted Balance - Construction	54,536	(6,553)	54,536	4,525
TOTAL APPROPRIATIONS	\$ 351,808	\$ 419,567	\$ 54,536	\$ 397,373

Bexar County Flood Tax Fund (51)

Fiscal Year Ending June 30, 2021

The River Authority works 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.

	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Activity As of 03/31/2020	Remaining Available Funds
APPROPRIATIONS				
Beginning Balance				
Restricted Balance - Construction	\$ 7,751	\$ 140,331	\$ 31,954	\$ 37,701
Total Beginning Balance	\$ 7,751	\$ 140,331	\$ 31,954	\$ 37,701
Revenue				
Investment Income	\$ 22,528	\$ 20,000	\$ 5,747	\$ 3,000
Intergovernmental Revenue	19,138,160	26,731,072	61,468	26,419,612
Transfers		-	-	-
Total Revenue	19,160,688	26,751,072	67,215	26,422,612
TOTAL AVAILABLE FUNDS	\$ 19,168,439	\$ 26,891,403	\$ 99,169	\$ 26,460,312
APPROPRIATIONS				
<u>Projects</u>				
Mission Reach	\$ 35,513	\$ 719,809	\$ 61,468	\$ 643,607
Bexar County Reimbursement	19,100,972	26,031,247	-	25,816,705
River Road Stream Restoration		140,347	-	-
Total Project Expenditures	\$ 19,136,485	\$ 26,891,403	\$ 61,468	\$ 26,460,312
Restricted Balance - Construction	31,954	-	37,701	-
TOTAL APPROPRIATIONS	\$ 19,168,439	\$ 26,891,403	\$ 99,169	\$ 26,460,312

Bexar County Westside Creeks Restoration Projects Fund (54)

Fiscal Year Ending June 30, 2021

The River Authority works with Bexar County to complete capital improvement projects that address flood control, water quality and recreational opportunities. This Bexar County Westside Creeks (WSC) Restoration Projects Fund is used to account for budgets and expenditures for Bexar County's portion of funding for the Westside Creeks Restoration Project improvements. Bexar County reimburses the River Authority for expenses incurred.

	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Activity As of 03/31/2020	Remaining Available Funds
APPROPRIATIONS				
Beginning Balance				
Restricted Balance - Construction	\$ 42,815	\$ 109,370	\$ 112,267	\$ 132,027
Total Beginning Balance	\$ 42,815	\$ 109,370	\$ 112,267	\$ 132,027
Revenue				
Investment Income	\$ 69,452	\$ 30,000	\$ 19,760	\$ 10,000
Intergovernmental Revenue	18,916,307	136,000,122	17,773,025	112,218,187
Total Revenues	18,985,759	136,030,122	17,792,785	112,228,187
TOTAL AVAILABLE FUNDS	\$ 19,028,574	\$ 136,139,492	\$ 17,905,052	\$ 112,360,214
APPROPRIATIONS				
<u>Projects</u>				
Westside Creeks - Elmendorf Lake Park	\$ -	\$ -	\$ -	\$ -
Westside Creeks - San Pedro Creek	18,916,307	136,139,492	17,773,025	112,360,214
Total Project Expenditures	\$ 18,916,307	\$ 136,139,492	\$ 17,773,025	\$ 112,360,214
Restricted Balance - Construction	112,267	-	132,027	-
TOTAL APPROPRIATIONS	\$ 19,028,574	\$ 136,139,492	\$ 17,905,052	\$ 112,360,214

City of San Antonio Capital Improvements Project Fund (11)

Fiscal Year Ending June 30, 2021

The River Authority works 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 funding for these improvement projects. The City of San Antonio reimburses the River Authority for all expenses incurred.

APPROPRIATIONS	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Activity As of	Remaining Available Funds
Beginning Balance				
Restricted Balance - Construction	\$ 171,139	\$ 372,249	\$ 203,811	\$ 88,417
Total Beginning Balance	\$ 171,139	\$ 372,249	\$ 203,811	\$ 88,417
Revenue				
Intergovernmental Revenue	\$ 1,417,278	\$ 5,398,988	\$ 652,905	\$ 2,792,483
Investment Income	-	-	-	-
Transfer	-	-	-	-
Total Revenue	1,417,278	5,398,988	652,905	2,792,483
TOTAL AVAILABLE FUNDS	\$ 1,588,417	\$ 5,771,237	\$ 856,716	\$ 2,880,900
APPROPRIATIONS				
<u>Projects</u>				
Broadway Underpass	\$ -	\$ 1,500,000	\$ -	\$ -
Concepcion Creek Outfall Repair	1,240,221	720,572	31,430	296,406
Edwards Aquifer Protection	45,862	267,542	37,933	221,136
Flood Gate 4 Replacement	392	-	-	-
LBJ Park Stream Restoration	-	350,000	-	350,000
Nueva Street Marina Dam Replacement	-	78,642	3,570	75,072
River Walk Public Art	58,395	1,626,910	620,521	953,999
Panther Springs Creek Restoration	39,737	1,092,895	74,846	984,286
Total Project Expenditures	\$ 1,384,606	\$ 5,636,561	\$ 768,299	\$ 2,880,900
Restricted Balance - Construction	203,811	134,676	88,417	-
TOTAL APPROPRIATIONS	\$ 1,588,417	\$ 5,771,237	\$ 856,716	\$ 2,880,900

City of San Antonio Westside Creeks Restoration Project Fund (61)

Fiscal Year Ending June 30, 2021

The River Authority works 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 funding for the improvement projects along the Westside Creeks waterways. The City reimburses the River Authority for expenses incurred.

	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Activity As of 03/31/2020	Remaining Available Funds
APPROPRIATIONS				
Beginning Balance				
Restricted Balance - Construction	\$ 10,874	\$ 133,163	\$ (38,408)	\$ 19,703
Total Beginning Balance	\$ 10,874	\$ 133,163	\$ (38,408)	\$ 19,703
Revenue				
Investment Income	\$ -	\$ -	\$ 1,554	\$ -
Intergovernmental Revenue	12,931,999	28,233,234	5,100,271	19,669,960
Transfers	-	-	-	-
Total Revenues	12,931,999	28,233,234	5,101,825	19,669,960
TOTAL AVAILABLE FUNDS	\$ 12,942,873	\$ 28,366,397	\$ 5,063,417	\$ 19,689,663
APPROPRIATIONS				
<u>Projects</u>				
Westside Creeks - Linear Creekways and Elmendorf Lake Park	\$ 3,356,375	\$ 13,894,774	\$ 864,728	\$ 10,985,805
Westside Creeks - San Pedro Creek	9,624,906	14,471,623	4,178,986	8,703,858
Total Project Expenditures	\$ 12,981,280	\$ 28,366,397	\$ 5,043,714	\$ 19,689,663
Restricted Balance - Construction	(38,408)	-	19,703	-
TOTAL APPROPRIATIONS	\$ 12,942,873	\$ 28,366,397	\$ 5,063,417	\$ 19,689,663

Downstream Capital Improvements Project Fund (58)

Fiscal Year Ending June 30, 2021

This fund accounts for projects that are undertaken in the three, downstream of Bexar County, counties – Wilson, Karnes and Goliad. The River Authority is reimbursed for all expenses incurred in this fund.

	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Activity As of 03/31/2020	Remaining Available Funds
APPROPRIATIONS				
Beginning Balance				
Restricted Balance - Construction	\$ 1,192,201	\$ 1,843,034	\$ 1,328,084	\$ 366,393
<i>Total Beginning Balance</i>	\$ 1,192,201	\$ 1,843,034	\$ 1,328,084	\$ 366,393
Revenue				
Investment Income	\$ 20,248	\$ 5,000	\$ 12,980	\$ 5,000
Intergovernmental Revenue	1,121,000	590,000	615,000	-
<i>Total Revenue</i>	1,141,248	595,000	627,980	5,000
TOTAL AVAILABLE FUNDS	\$ 2,333,449	\$ 2,438,034	\$ 1,956,064	\$ 371,393
APPROPRIATIONS				
<u>Projects</u>				
Escondido Creek Parkway	\$ 1,005,365	\$ 2,438,034	\$ 1,589,672	\$ 371,393
Total Project Expenditures	\$ 1,005,365	\$ 2,438,034	\$ 1,589,672	\$ 371,393
Restricted Balance - Construction	1,328,084	-	366,393	-
TOTAL APPROPRIATIONS	\$ 2,333,449	\$ 2,438,034	\$ 1,956,064	\$ 371,393

Medina Dam Fund (14)

Fiscal Year Ending June 30, 2021

The River Authority began the Medina 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. FY 2020-21 Adopted 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.

APPROPRIATIONS	FY 2018/19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Estimate	Remaining Available Funds
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Beginning Balance

Restricted Balance - Construction	\$ -	\$ -	\$ -	\$ -
Total Beginning Balance	\$ -	\$ -	\$ -	\$ -

Revenue

Intergovernmental Revenue	\$ 68,702	\$ 160,000	\$ 133,947	\$ 160,000
Total Revenue	\$ 68,702	\$ 160,000	\$ 133,947	\$ 160,000

TOTAL AVAILABLE FUNDS	\$ 68,702	\$ 160,000	\$ 133,947	\$ 160,000
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APPROPRIATIONS

Operating Expenditures	\$ 68,702	\$ 160,000	\$ 133,947	\$ 160,000
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TOTAL OPERATING APPROPRIATIONS	\$ 68,702	\$ 160,000	\$ 133,947	\$ 160,000
Restricted Balance - Construction	-	-	-	-
TOTAL APPROPRIATIONS	\$ 68,702	\$ 160,000	\$ 133,947	\$ 160,000

Other Capital Projects Fund (57)

Fiscal Year Ending June 30, 2021

The River Authority works with other public entities – state, local and federal – including the City of San Antonio and Bexar County, to complete capital improvement projects that provide flood control, water quality improvements and amenities to the community. This Other Capital Projects Fund is used to account for budgets and expenditures for projects funded by entities other than the City of San Antonio and Bexar County. The River Authority is reimbursed for all expenses incurred for projects in this fund.

	FY 2018-19 Actual	FY 2019-20 Amended Budget	FY 2019-20 Activity As of 03/31/2020	Remaining Available Funds
APPROPRIATIONS				
Beginning Balance				
Restricted Balance - Construction	\$ 3,305	\$ 302,940	\$ 211,856	\$ 211,856
Total Beginning Balance	\$ 3,305	\$ 302,940	\$ 211,856	\$ 211,856
Revenue				
Investment Income	\$ -	\$ -	\$ -	\$ -
Intergovernmental Revenue	3,213,271	5,591,300	1,017,491	9,664,023
Miscellaneous	2,178	-	-	-
Total Revenues	3,215,449	5,591,300	1,017,491	9,664,023
TOTAL AVAILABLE FUNDS	\$ 3,218,754	\$ 5,894,240	\$ 1,229,347	\$ 9,875,879
APPROPRIATIONS				
<u>Projects</u>				
Brooks City Base - Mission Reach Linkage	\$ 18,847	\$ 1,544,186	\$ 20,904	\$ 1,517,625
Huebner Creek	71,450	208,550	-	208,550
Westside Creeks - San Pedro Creek	2,916,601	4,141,504	996,586	8,149,704
Total Project Expenditures	\$ 3,006,898	\$ 5,894,240	\$ 1,017,491	\$ 9,875,879
Restricted Balance - Construction	211,856	-	211,856	-
TOTAL APPROPRIATIONS	\$ 3,218,754	\$ 5,894,240	\$ 1,229,347	\$ 9,875,879



SAN ANTONIO

RIVER AUTHORITY

PROJECTS



San Pedro Creek
San Antonio, Bexar County



Projects

The River Authority manages and completes projects under a wide range of activities including scientific studies, park improvements, major infrastructure initiatives for flood control, stormwater management and community amenities. Funding for these projects comes from various sources. The River Authority contributes funding specifically towards projects; however, the majority of funding comes from other entities, notably the City of San Antonio and Bexar County. Funding through federal, state and local grants also helps the River Authority support its mission. The FY 2020-21 portfolio of work falls under three organization Strategic Plan Goals and includes sixty-two (62) authorized projects.

- 10 proposed projects.
- 13 previously authorized projects with proposed funding.
- 38 previously authorized projects.
- 1 proposed project authorization pending award of a grant.

Below are the Goal and Project definitions to provide the reader with a common understanding of how these terms apply.

Goal

A Goal refers to one of three Strategic Plan Goals that are established to advance the vision and mission of the River Authority. Projects and efforts are assigned to Goals that are managed and monitored by selected Goal Leaders to obtain benefits not available from managing them individually. Goal Leaders typically oversee multiple projects and efforts that align to an agency Goal and help facilitate collaboration and coordination that may result in benefits for activities that overlap one another. Goals are identified on the project pages by the following icons:



SAFE



CLEAN



ENJOYABLE

Project

A project is a temporary endeavor undertaken to create a unique product, service, or result that meets a specific objective. A Project's cost threshold is \$75,000 or greater and has a duration of one year or longer. Projects require Board of Director approval. All projects are entered into the River Authority's project management software system and are managed in a consistent fashion.

Projects

NEW PROJECTS				
Project Name	Primary Goal	Adopted Project Budget	Funding	Project Page Number
Brackenridge Park	Clean	\$ 75,000	SARA	152
Capacity Management Operations & Maintenance	Clean	\$ 1,240,000	Utility Rates	153
Escondido Creek Parkway Phase II	Enjoyable	\$ 50,000	SARA	154
GSI Broadway Alamo Heights	Clean	\$ 100,000	SARA	155
Helton Boat Ramp	Safe	\$ 85,000	PRDF	156
Museum Reach Electrical Infrastructure Upgrade	Safe	\$ 400,000	SARA	157
Nature Based Parks Master Planning	Enjoyable	\$ 470,000	SARA	158
Roadway Collection System Projects	Clean	\$ 1,300,000	Utility Rates	159
SARA Wastewater Maintenance & Improvements	Clean	\$ 1,260,000	Utility Rates	160
South Flores Stormwater Retrofit	Clean	\$ 60,000	TCEQ, SARA	161

AUTHORIZED PROJECTS - NEW FUNDING				
Project Name	Primary Goal	Adopted Project Budget	Funding	Project Page Number
Brooks City Base - Mission Reach Linkage	Enjoyable	\$ 1,664,998	BDA	163
Clean Rivers Program 2017	Clean	\$ 1,075,921	TCEQ, SARA	164
Escondido Creek Parkway	Enjoyable	\$ 7,138,188	Kenedy, Donations, SARA	165
Facilities Acquisition and Improvements	All	\$ 11,526,171	Bonds, SARA	166
Floodplain Remapping - Leon, Salado, and Medina	Safe	\$ 4,033,656	SARA	167
Freshwater Mussel Propagation	Clean	\$ 290,453	SARA	168
Martinez IV WWTP Expansion	Clean	\$ 11,650,000	Bonds, Utility Rates	169
Mission Reach Erosion Repairs	Safe	\$ 2,856,447	Bexar County, SARA	170
Randolph Air Force Base R&R Program	Clean	\$ 6,121,179	DESC	171
River Walk Public Art	Enjoyable	\$ 1,632,915	CoSA	172
San Pedro Creek Culture Park	Safe	\$ 274,859,694	BC, CoSA, SAWS, CPS	173
Utility Optimization Plan	Safe	\$ 145,000	Utility Rates	174
Watershed Master Plans Integration	Safe	\$ 865,000	SARA	175
Watershed Wise Rebate Program	Clean	\$ 2,770,000	SARA	176
WSC Linear Creekways and Elmendorf Lake Park	Enjoyable	\$ 45,162,267	CoSA, BC, TxDOT	177

AUTHORIZED PROJECTS				
Project Name	Primary Goal	Adopted Project Budget	Funding	Project Page Number
BRWM Stream Mitigation Bank	Clean	\$ 260,000	SARA	179
City of San Antonio Bond GSI Match	Clean	\$ 335,000	SARA	180
Concepcion Creek Outfall Repair	Safe	\$ 1,690,000	CoSA	181
CTP Development - FEMA Letter of Map Revision	Safe	\$ 2,060,933	FEMA	182
CTP Risk Map Cibolo Creek	Safe	\$ 600,000	FEMA	183
CTP Risk Map Cibolo Creek - Phase 2	Safe	\$ 307,194	FEMA	184
CTP Risk Map Lower San Antonio River	Safe	\$ 617,000	FEMA	185

Projects

Project Name	Primary Goal	Adopted Project Budget	Funding	Project Page Number
CTP Risk Map Upper Medina Watershed - Phase 2	Safe	\$ 205,000	FEMA	186
CTP Risk Map Upper San Antonio River - FY19	Safe	\$ 1,005,400	FEMA	187
Digital Data and Model Repository ReDevelopment	Safe	\$ 175,000	SARA	188
Edwards Aquifer Watershed Protection	Clean	\$ 550,712	CoSA, Tax Revenue	189
Espada Park	Enjoyable	\$ 150,000	Tax Revenue	190
GSI Master Plan: Upper SAR Watershed	Clean	\$ 168,534	TCEQ	191
Huebner Creek Flood Remediation & Aquatic Eco Rest	Safe	\$ 280,000	Leon Valley	192
Impervious Cover Mitigation	Clean	\$ 892,950	SARA	193
Inflow Scenarios for San Antonio Bay Modeling	Clean	\$ 125,000	SARA	194
Kenedy Operations Center	Enjoyable	\$ 130,000	SARA, PRDF	195
Laboratory Management Software Replacement	Clean	\$ 213,525	SARA	196
LBJ Park Stream Restoration	Clean	\$ 350,000	CoSA	197
Lucity Implementation and Asset Management	All	\$ 100,000	Tax Revenue	198
Martinez IV Collection System CIP	Clean	\$ 2,905,000	Bonds, Utility Rates	199
Mid and Lower Cibolo Creek	Clean	\$ 163,680	TAMU Agrilife	200
Mission Reach	Clean	\$ 255,536,008	BC	201
Nature Park Signage Development	Enjoyable	\$ 79,453	SARA, PRDF	202
Nueva Street Marina Dam Replacement	Safe	\$ 78,642	CoSA	203
Panther Springs Creek Restoration	Clean	\$ 1,100,000	CoSA	204
Predictive Flood Modeling	Safe	\$ 1,850,000	SARA	205
River Road Stream Restoration	Clean	\$ 770,371	SARA, USACE, BC	206
Salitrillo and Martinez Sewershed Models	Clean	\$ 1,218,137	Utility Rates	207
Salitrillo Collection Wholesale System I&I	Clean	\$ 1,824,411	Utility Rates	208
Salitrillo WWTP Expansion and Improvements	Clean	\$ 29,165,000	Bonds, Utility Rates	209
San Pedro Creek Operations Center	Enjoyable	\$ 1,435,957	SARA	210
Trash and Floatables Mitigation - Olmos Creek	Clean	\$ 371,740	SARA	211
Tributary Modeling	Safe	\$ 501,914	SARA	212
Watershed Wise River Discovery	Enjoyable	\$ 197,500	SARA	213
Watershed Wise School Grants	Clean	\$ 175,000	SARA	214

Legend - Third Party Funding Source
BC - Bexar County
BDA - Brooks Development Authority
CoSA - City of San Antonio
CPS - City Public Service
DESC - Defense Energy Support Center (RAFB)
FEMA - Federal Emergency Management Agency
PRDF - Park Resources Development Fund
TCEQ - Texas Commission on Environmental Quality
USACE - United States Army Corp of Engineers
Utility Rates - Charges for Wastewater Services
Note: SARA indicated funding from property tax or other River Authority funding source



SAN ANTONIO

RIVER AUTHORITY

NEW PROJECTS



Project Highlight: Brackenridge Park – In FY 2020-21, the River Authority plans to begin implementing demonstration projects within Brackenridge Park, located in San Antonio, to kickstart wider ecosystem restoration and habitat protection projects to support a more livable and resilient community.

Brackenridge Park

Project #0651

Adopted \$ **75,000**
Budget
Unfunded Plan \$ **75,000**
New Funding \$ **75,000**
(FY21)
Department **Watershed**
Engineering
Start Date **5/1/2020**
End Date **7/1/2022**

Goal



Description

The River Authority will implement demonstration projects which will create opportunities to kickstart a wider restoration effort and protect the San Antonio River ecosystem in and around Brackenridge Park. These demonstration projects will highlight how ecological restoration can improve the San Antonio River ecosystem and improve park patron experience. This project is in coordination with the Cultural Landscape Report (CLR) that was commissioned by the Brackenridge Park Conservancy in partnership with the River Authority and City of San Antonio Parks and Recreation Department. The CLR identified types of demonstration projects to address vulnerabilities to the San Antonio River that are impacting the cultural and historical resources of the park. Upon completion, these projects will provide avenues for the public to better understand the importance of protecting the river while restoring and preserving cultural and historical features in Brackenridge Park.

Future Financial Impact

In FY 2020-21, the demonstration projects will be designed and installed by River Authority staff. Additionally, a concurrent community process, led by the Brackenridge Park Conservancy and the City of San Antonio (CoSA), to identify restoration priorities and implementation strategy is underway that may call for future projects. Discussions are ongoing regarding the River Authority's role in operations and maintenance of the demonstration projects.

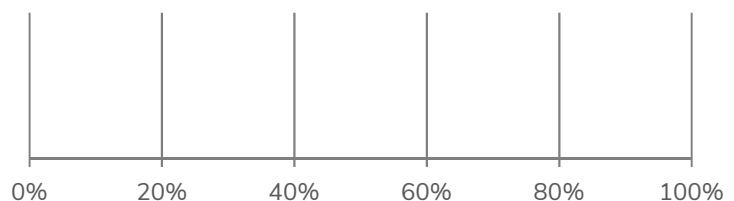
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Meeting Expense	-	5,000	5,000	-	10,000
Other	-	70,000	70,000	-	140,000
Total	\$ -	\$ 75,000	\$ 75,000	\$ -	\$ 150,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT

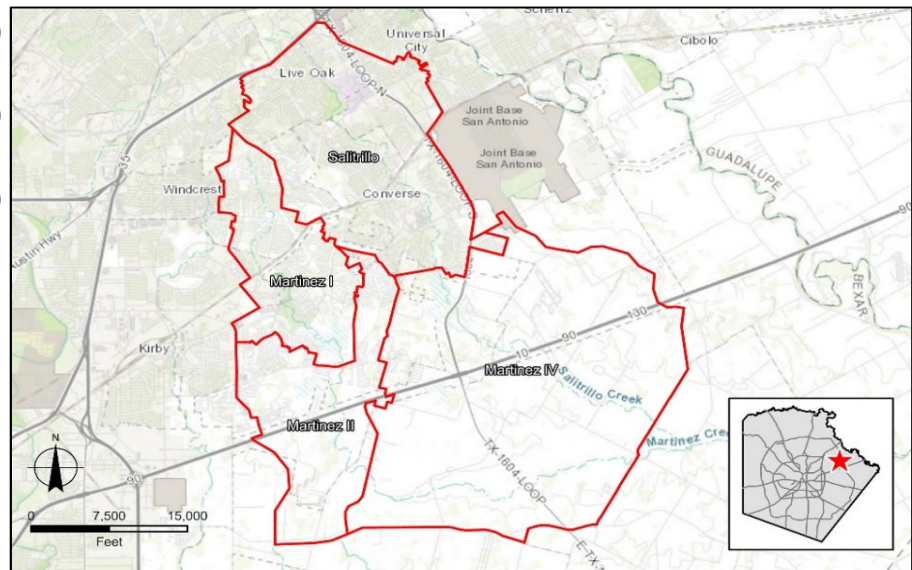


Capacity Management Operations and Maintenance Program

Project #0642

Adopted Budget	\$ 1,240,000
Unfunded Plan	\$ 2,300,000
New Funding (FY21)	\$ 1,240,000
Department	Utilities
Start Date	7/1/2020
End Date	6/30/2025

Goal

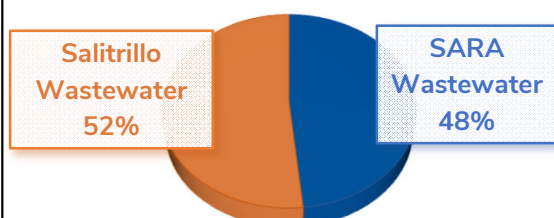


Description The project will create a formalized Capacity, Management, Operation and Maintenance (CMOM) program for the Martinez and Salitrillo Wastewater collection systems. This project will evaluate the current capacity and performance of the collection system infrastructure through the means of condition assessments and modeling. The results of the condition assessment and modeling efforts will provide data for the River Authority to formulate a detailed collection system Capital Improvement Plan (CIP) and preventative maintenance program.

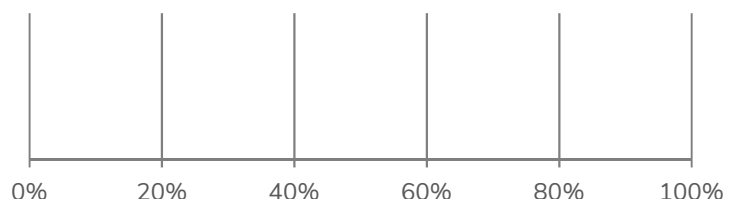
Future Financial Impact In FY2020-21, the project will include the review of existing information and processes to identify areas of improvement within the Martinez and Salitrillo collection systems. The Utility department will work with an engineering consultant to review existing data and begin condition assessment efforts for the collection system through a prioritized selection method. Infrastructure with known issues and most at-risk infrastructure will be assessed first. Additionally, the River Authority will work with consultants to evaluate the flow monitoring data collected and begin to develop the Salitrillo Collection System model.

Spending Plan					
Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Construction	-	200,000	200,000	200,000	600,000
Contracted Service	-	1,040,000	1,100,000	800,000	2,940,000
Total \$	-	\$ 1,240,000	\$ 1,300,000	\$ 1,000,000	\$ 3,540,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



Escondido Creek Parkway Phase II

Project # 0645

Adopted Budget
Unfunded Plan

\$ 50,000
\$ 750,000

New Funding (FY21)

\$ 50,000

Department Watershed & Park Operations

Start Date 7/1/2020

End Date 6/30/2022



Goal



Description

In continuation of improvements to Escondido Creek Parkway, this project will assess opportunities for stream restoration along Escondido Creek. The Escondido Creek Parkway project intends to provide the public with a functional park that includes activities such as hiking/biking and skate boarding. Phase II of the project would also assess the possibility of kayaking or canoeing. Stream restoration in this location creates more enjoyment for visitors, protects the stream from erosion, and improves water quality within the community of Kenedy.

Future Financial Impact

In FY 2020-21, the River Authority will work with a consultant to develop a plan for stream restoration and the possibility of constructing a pond and weir to enhance the creek. Included in this plan will be the determination of necessary permits with the U.S. Army Corps of Engineers (USACE) and the Texas Commission on Environmental Quality (TCEQ). Operations and maintenance expenditures for Escondido Creek Parkway are included in the FY 2020-21 Proposed Budget.

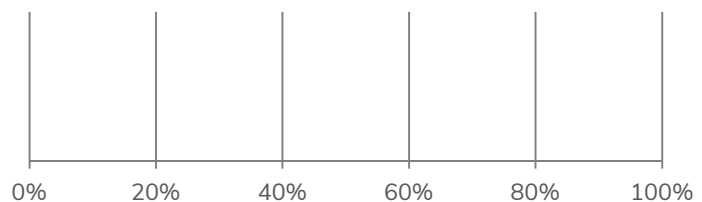
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Design	-	50,000	-	-	50,000
Construction	-	-	750,000	-	750,000
Total	\$ -	\$ 50,000	\$ 750,000	\$ -	\$ 800,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



GSI Broadway Alamo Heights

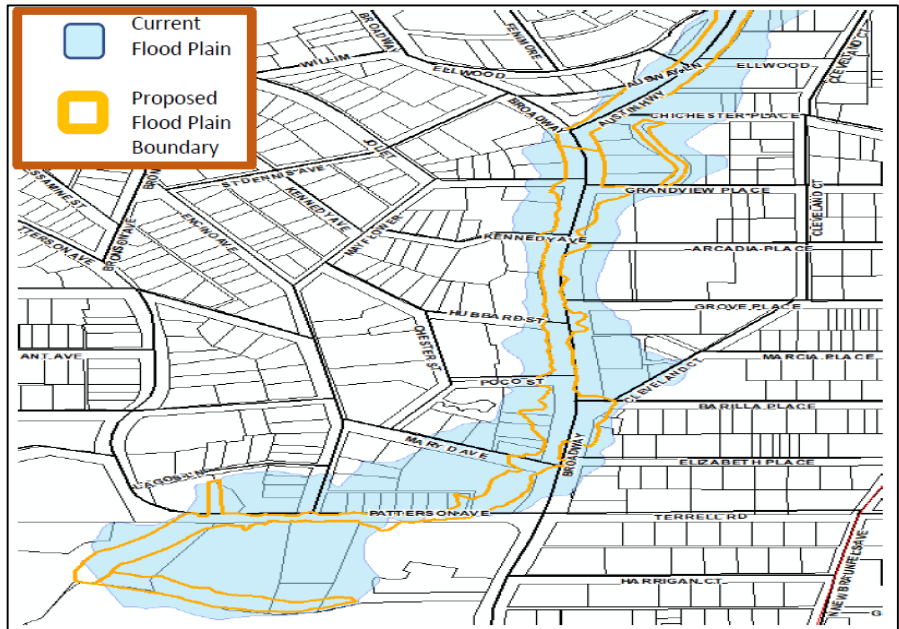
Project #0650

Adopted Budget \$ 100,000
 Unfunded Plan \$ 1,300,000
 New Funding (FY21) \$ 100,000

Department Environmental Sciences
 Start Date 10/1/2020
 End Date 12/31/2023



Goal



Description

This project will support the City of Alamo Heights (City) with the design and installation of green stormwater infrastructure (GSI) along Broadway street in conjunction with the City and Texas Department of Transportation efforts to reconfigure the roadway. The length of the project is from Burr Rd. to Austin Highway. River Authority staff will work with the City to implement GSI along the project area to address water quality and stormwater run-off. Major goals of the projects are identified as follows: to capture and slow down storm water and improve quality of run off at San Antonio river headwaters.

Future Financial Impact

In FY 2020-21, the River Authority will work with the City to incorporate GSI into the construction plan for Broadway Street. Once design is complete, construction will begin. Following construction, some short-term operation and maintenance of GSI may be required of the River Authority. As the features mature, City staff will be trained to properly manage features for long-term success.

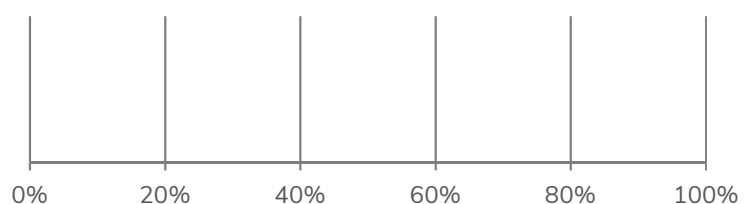
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Professional Services	-	-	650,000	650,000	1,300,000
Construction	-	100,000	-	-	100,000
Total \$	-	\$ 100,000	\$ 650,000	\$ 650,000	\$ 1,400,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



Helton Boat Ramp

Project #0648

Adopted \$ 85,000
 Budget
 Unfunded Plan \$ -
 New Funding \$ 85,000
 (FY21)

Department Watershed & Park Operations

Start Date 7/1/2020
 End Date 6/30/2021

Goal

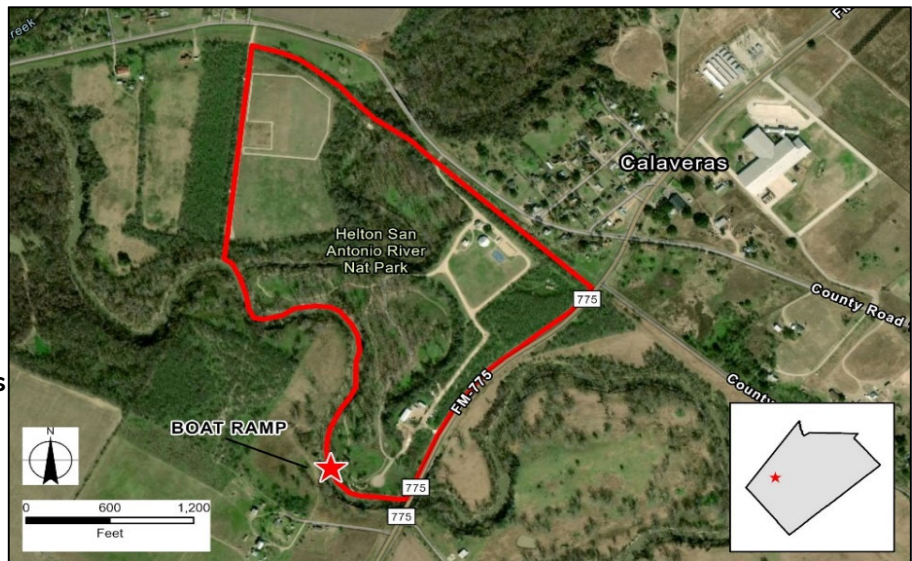


Description

This project will construct a boat ramp at Helton Nature Park just upstream of the existing canoe/kayak portage point. This proposed ramp is centrally located along the Saspamco paddling trail, providing easier and quicker boat access to the lower sections of the Saspamco trail. The existing Graytown Park boat ramp access point is located six river miles north and is challenging for staff to use during times of low flow. This impacts the response time of staff for debris removal and emergency personnel trying to access areas south of Helton Nature Park. The proposed access point at Helton and existing access point at Graytown will be utilized in tandem for maintenance purposes and emergency response. Currently, both Graytown and the proposed boat ramp at Helton Nature Park would not be for public use.

Future Financial Impact

In FY 2020-21, the boat ramp will be designed and constructed. River Authority staff will operate and maintain the boat ramp as part of the normal park operations.



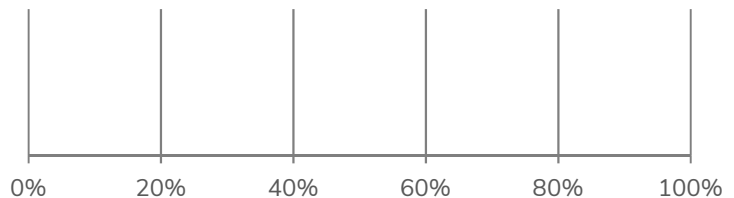
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Construction	-	85,000	-	-	85,000
Total	\$ -	\$ 85,000	\$ -	\$ -	\$ 85,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



Museum Reach Electrical Infrastructure Upgrade

Project #0643

Adopted \$ 400,000
 Budget
 Unfunded Plan \$ 400,000
 New Funding \$ 200,000
 (FY21)

Department Watershed & Park Operations
 Start Date 5/20/2020
 End Date 6/30/2022

Goal



Description

This project will bring better and safer lighting to a portion of the Museum Reach Segment of the San Antonio River. The project will be broken into four phases consisting of various electrical improvements and enhancements. In the first phase, located between Lexington and Brooklyn, an additional light pole will be installed in an area that is not well-lit. Additionally, the electrical boxes will be upgraded, new cable and conduit will be run, a receptacle will be added to each light pole, and existing lights will be converted to LED. This project will create a more enjoyable and safer experience for visitors no matter the time of day.

Future Financial Impact

In FY 2020-21, the first phase will be completed by a contractor. Staff will work with the contractor to ensure there is not a negative impact to the holiday lighting schedule. The River Authority anticipates that the electrical upgrades will result in more efficient operations and maintenance in the Museum Reach, especially during the holiday lighting.

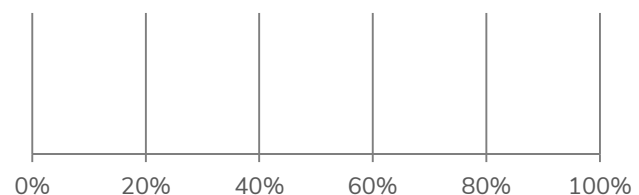
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Contracted Service	-	400,000	400,000	-	800,000
Total \$	-	\$ 400,000	\$ 400,000	\$ -	\$ 800,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



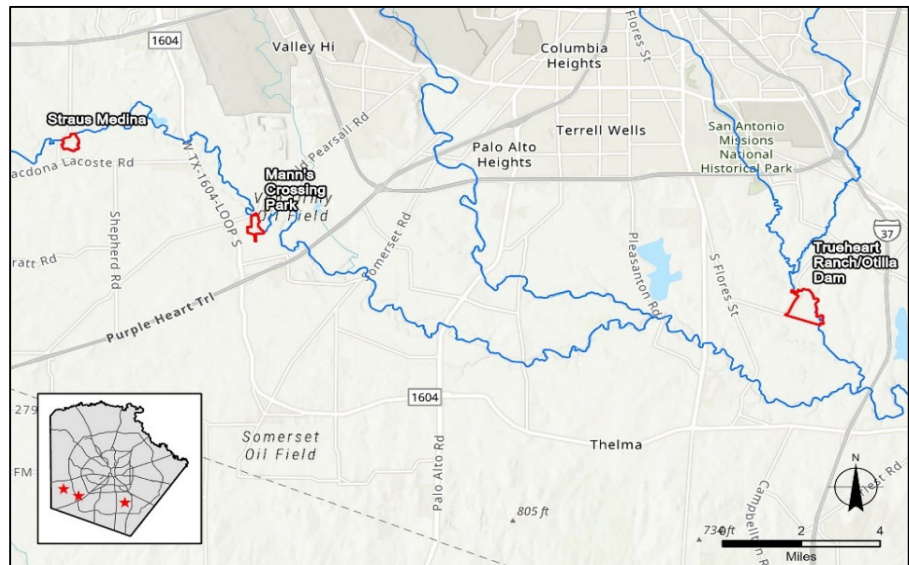
Nature Based Parks Master Planning

Project #0646

Adopted \$ 470,000
 Budget
 Unfunded Plan \$ -
 New Funding \$ 470,000
 (FY21)

Department Watershed & Park Operations
 Start Date 7/1/2020
 End Date 6/30/2022

Goal



Description

This project will create a long-term plan for the development of Mann's Crossing Park on the Medina River, Hendrick Arnold Park (Straus Medina), and Trueheart Ranch. Master planning these properties will lead to additional public spaces on park land adjacent to the Medina River and the San Antonio River. The development of Mann's Crossing and Hendrick Arnold Park will also open up paddling opportunities on the Medina River and expand the current paddling trails on the San Antonio River. Currently, none of these properties are available for public access or use. A comprehensive master plan will give River Authority staff direction on how to execute improvements and eventually begin park programming and operations.

Future Financial Impact

In FY 2020-21, the River Authority will contract with a consultant and begin the master planning process. A team of River Authority staff will work with the consultant to develop ideas for park development and programming and stakeholder engagement. The consultant will also develop conceptual drawings. This process will not impact current park operations and maintenance.

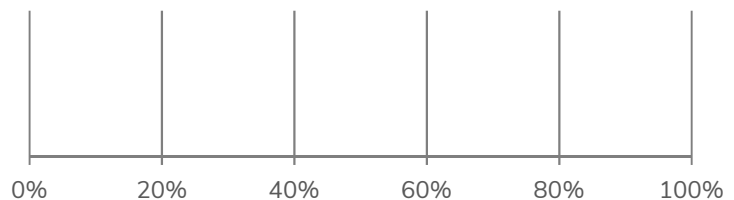
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Design	-	470,000	-	-	470,000
Construction	-	-	-	-	-
Total	\$ -	\$ 470,000	\$ -	\$ -	\$ 470,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



Roadway Collection System Projects

Project #0641

Adopted \$ 1,300,000

Budget

Unfunded Plan \$ -

New Funding \$ 1,300,000
(FY21)

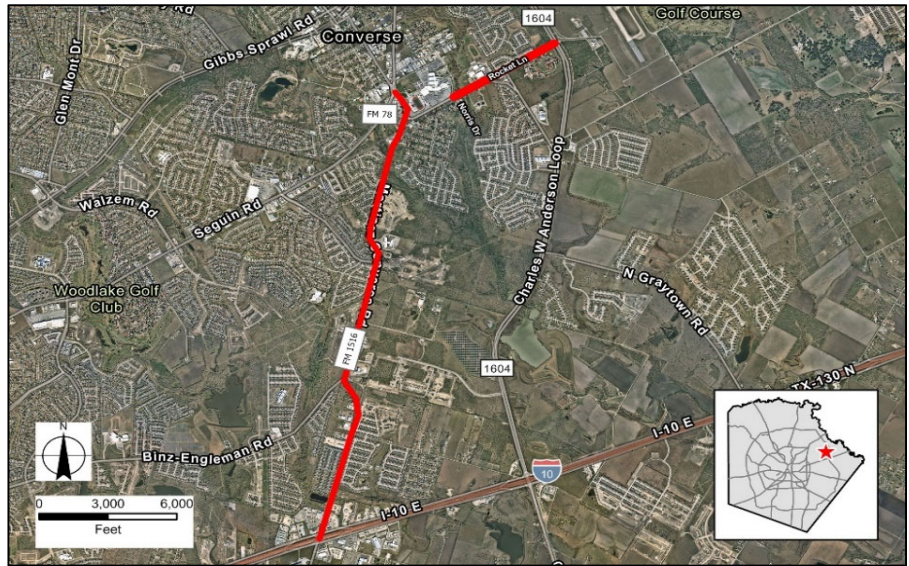
Department Utilities

Start Date 7/1/2020

End Date 6/30/2025



Goal



Description

This project relocates and rehabilitates wastewater collection system lines in coordination with roadway improvement projects constructed by other public entities, such as the Texas Department of Transportation (TxDOT) and Bexar County. If there are conflicts with the project, the River Authority is notified and can participate in the project. Typically the public entity doing the roadway construction handles the solicitation and contract. The River Authority benefits by being part of the larger project and will pay TxDOT or Bexar County directly.

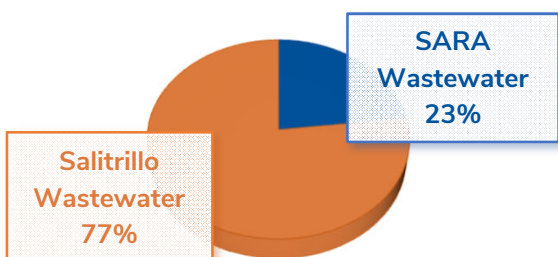
Future Financial Impact

In FY 2020-21, TxDOT is expanding FM 1516 from Schaefer Road to IH-10. This impacts two River Authority sewer lines; an 8-inch line and a 30-inch line. Improvements to the lines, casing, and manholes will be needed. The sanitary sewer work will be joint bid with the TxDOT project. When this project is completed, all portions of pipe that run under pavement will be encased in steel pipe. Design for the sanitary sewer lines will be completed, with construction completed in FY 2021-22.

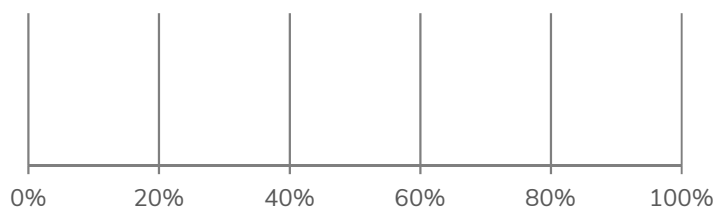
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Construction	-	1,300,000	-	-	1,300,000
Total	\$ -	\$ 1,300,000	\$ -	\$ -	\$ 1,300,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT

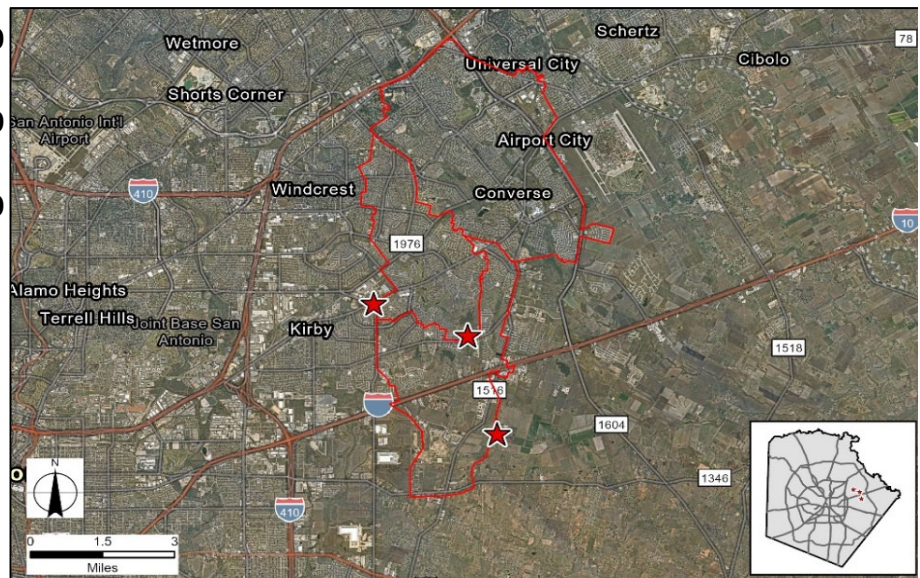


SARA Wastewater Maintenance & Improvements

Project #0647

Adopted \$ 1,260,000
 Budget
 Unfunded Plan \$ 1,800,000
 New Funding \$ 1,260,000
 (FY21)

Department Utilities
 Start Date 7/1/2020
 End Date 6/30/2025



Description This project focuses on improvements to the infrastructure in the SARA Wastewater Treatment service area. It will include sub-projects at the Upper Martinez Wastewater Treatment Plant (WWTP), Martinez II WWTP, and SARA Wastewater Collection System. For the Martinez II WWTP, activities include the rehabilitation of the outdated electrical motor control center, upgrade contactors to soft starters and a complete replacement of a carousel aerator mechanical gear drive and motor. For the Upper Martinez WWTP, the project will replace the step screen and compactor. Lastly, the Foster Road Lift Station will be rehabilitated.

Future Financial Impact In FY 2020-21, the River Authority will begin the improvements at the Martinez II and Upper Martinez WWTPs and will complete the design and permitting for the Foster Road Lift Station. Construction on the lift station will be completed in FY 2021-22. These improvements will decrease needed operation and maintenance activities in the SARA Wastewater system.

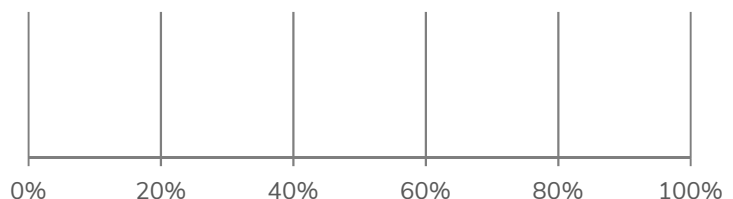
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Design	-	60,000	-	-	60,000
Construction	-	1,200,000	1,150,000	650,000	3,000,000
Total \$	-	\$ 1,260,000	\$ 1,150,000	\$ 650,000	\$ 3,060,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



South Flores Stormwater Retrofit

Project #0649

Adopted \$ 60,000
 Budget
 Unfunded Plan \$ -
 New Funding \$ 60,000
 (FY21)

Department Watershed
 Engineering
 Start Date 7/1/2020
 End Date 7/1/2023



Goal



Description

This project will plan, design, and construct onsite stormwater best management practices (BMPs) at the River Authority's new facility located at West Sheridan Street and South Flores Street. The River Authority has successfully implemented and operated green stormwater infrastructure (GSI) BMPs on multiple campuses. By implementing an on-site stormwater management strategy, the River Authority will be able to create tangible education tools to advance the adoption and implementation of GSI. Additionally, long-term hydrological monitoring will be conducted in order to analyze and document the impact of these BMPs. This project will allow the River Authority to manage runoff from its newest campus, thereby protecting the San Antonio River and San Pedro Creek from non-point source pollution.

Future Financial Impact

In FY 2020-21, activities include the design and permitting of BMPs. Multiple departments within the River Authority are coordinating the delivery of this project. The long-term operations and maintenance impact will be considered as part of the design. TCEQ grant application has been submitted and is awaiting final award notice.

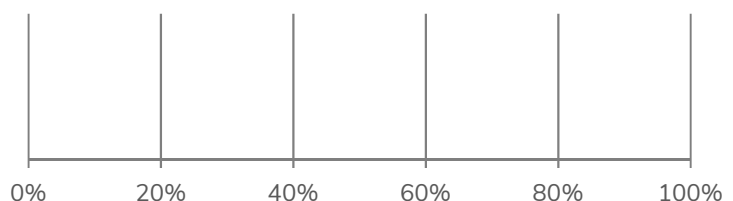
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Equipment	-	-	50,000	-	50,000
Other	-	2,000	8,000	-	10,000
Total	\$ -	\$ 2,000	\$ 58,000	\$ -	\$ 60,000

PROJECT FUNDING SOURCES

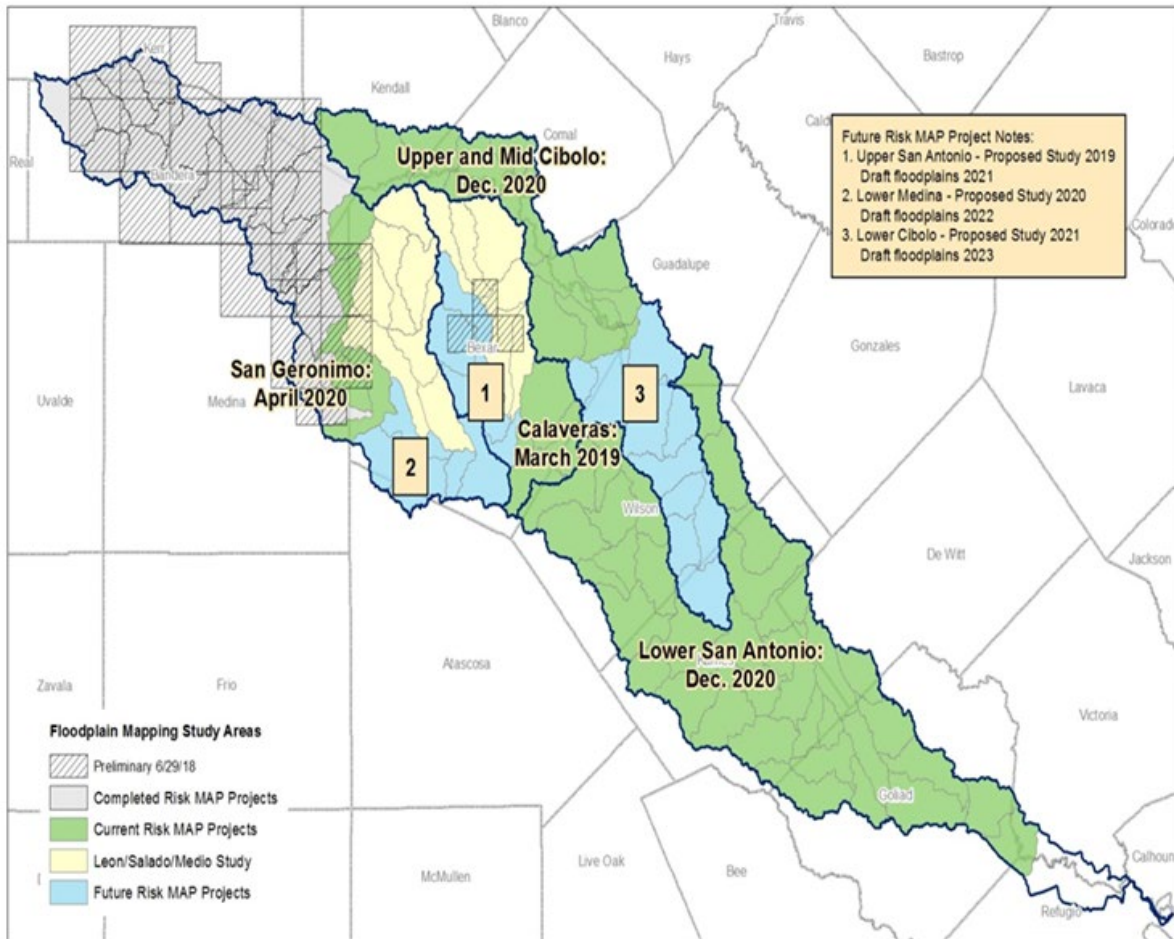


PERCENTAGE SPENT



AUTHORIZED PROJECTS

NEW FUNDING



Project Highlight: Floodplain Remapping – Leon, Salado, and Medina – In FY 2020-21, the River Authority will complete comprehensive plans targeting flooding. With this data we will be better equipped to communicate the risk of flooding to communities and support partners through project planning and recommendations.

Brooks City Base - Mission Reach Linkage

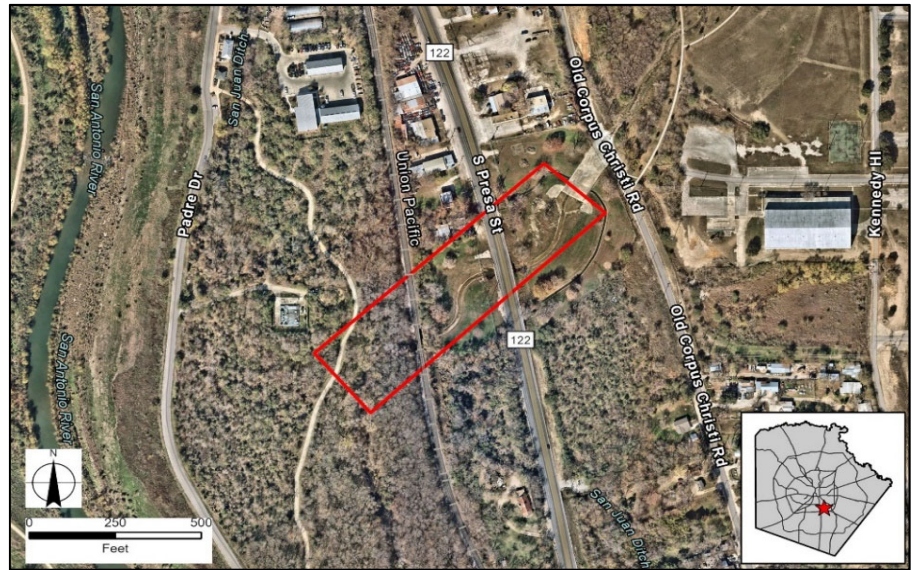
Project #0525

Adopted Budget \$ 1,664,998
Unfunded Plan \$ -

New Funding \$ 7,500
(FY21)

Department Watershed
Engineering
Start Date 1/21/2016
End Date 6/30/2021

Goal



Description

In partnership with the Brooks City Base Economic Development Corporation, the River Authority is managing a trail connection project between the Mission Reach Segment of the San Antonio River and Brooks City Base. The project supports increased attendance, improved visitor experience, and access to the Mission Reach Segment. The approximate .20 mile long, 10-foot wide, hike and bike trail will begin at Corpus Christi Road. The trail will cross the Union Pacific Railroad and will include a pedestrian bridge at the San Jaun Acequia. The connection will include pavement markings and signage at street level to signify the crossing.

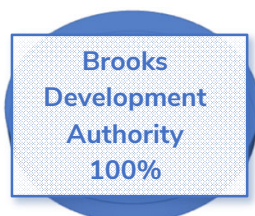
Future Financial Impact

In FY 2019-20, the River Authority worked with a consultant to make design enhancements to satisfy Union Pacific Railroad requirements and bid the project out for construction. In FY 2020-21 the trail will be constructed. Upon completion, the River Authority will be responsible for operations and maintenance of the trail connection.

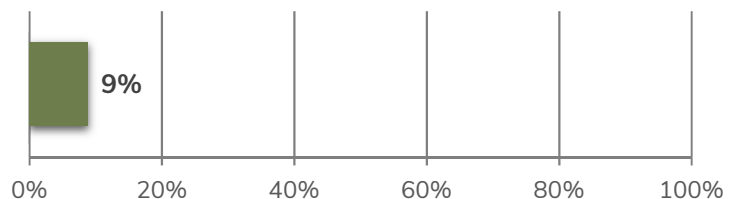
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Design	126,531	7,482	-	-	134,014
Construction	20,294	1,510,143	-	-	1,530,437
ROW Acquisition	548	-	-	-	548
Total	\$ 147,373	\$ 1,517,625	\$ -	\$ -	\$ 1,664,998

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



Clean Rivers Program 2017

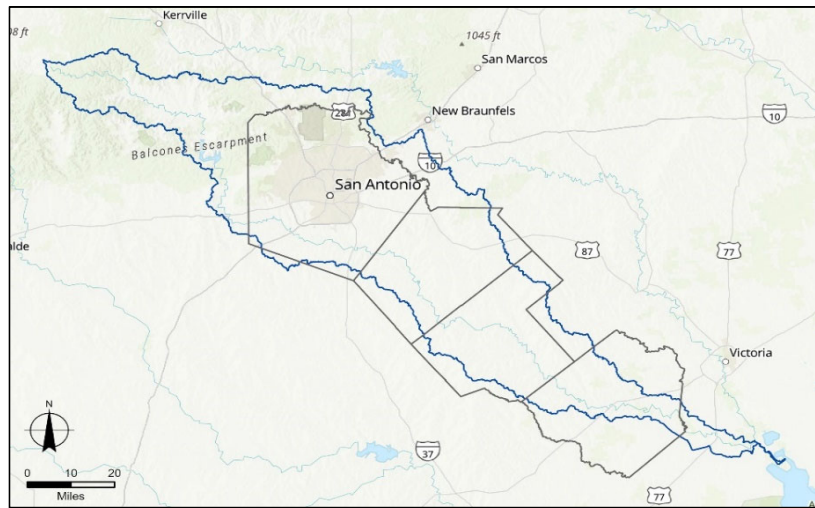
Project #0569

Adopted \$ 1,075,921
Budget
Unfunded Plan \$ 21,500

New Funding \$ 5,000
 (FY21)

Department Environmental
 Sciences
Start Date 9/1/2017
End Date 8/31/2021

Goal

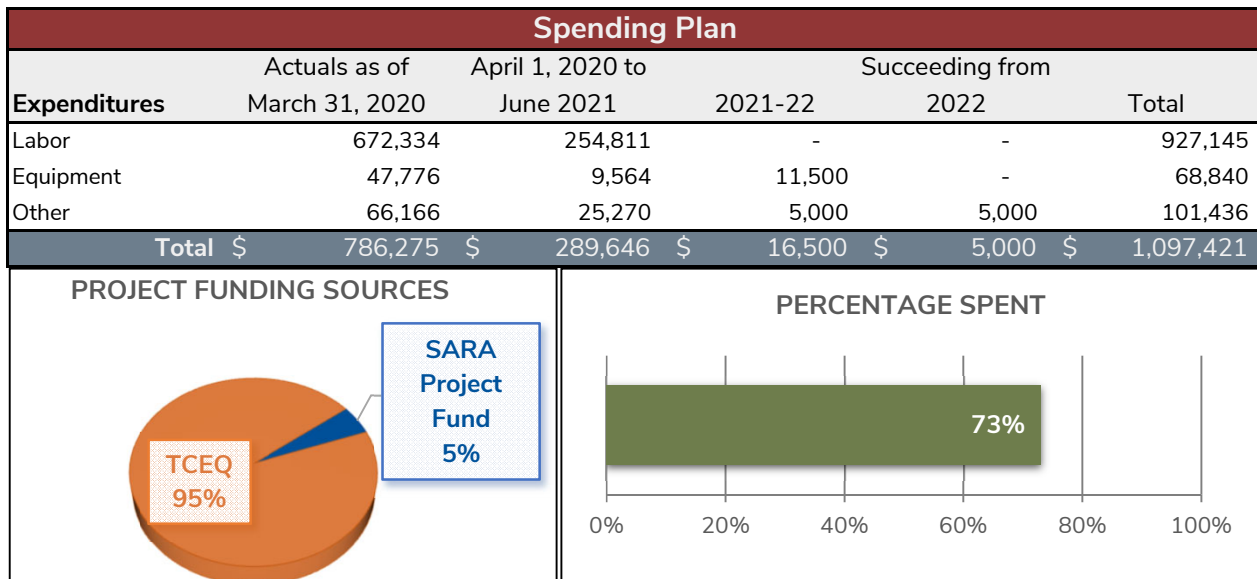


Description

The Texas Clean Rivers Program (CRP), funded by the Texas Commission on Environmental Quality (TCEQ) with additional funding support from the River Authority, supports the River Authority's routine surface water quality data collection within the San Antonio River basin. The CRP provides for the analysis and data gathered management of surface water samples collected throughout the basin. The CRP and the River Authority's Stream Monitoring Efforts utilize a watershed approach to address impairments, concerns, and long-term trends which generates lasting and recognized improvements to the health and safety of our creeks and rivers. Information is shared with the community and stakeholders.

Future Financial Impact

In FY2020-21, the CRP will continue to collect, analyze, and report water quality data at over 100 stations in the San Antonio River basin. The 2021 Draft and Final CRP Basin Highlight Reports are expected to be submitted ahead of schedule. The River Authority will continue to work with stakeholders to ensure sample collection continues to meet CRP temporal and spatial requirements. Operations and maintenance costs associated with this project are included in the FY 2020-21 Adopted Budget.



Escondido Creek Parkway

Project #0397

Adopted \$ 7,138,188

Budget

Unfunded Plan \$ -

New Funding \$ 142,371
(FY21)

Department Watershed &
Park Operations

Start Date 7/1/2012

End Date 10/31/2020



Goal



Description

The River Authority is working with the local community to develop the Escondido Creek Parkway. The initial development will extend between Joe Gulley Park 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. The park will include a hike and bike trail, parking, an amphitheater, a pavilion and restroom, a playground, trail amenities, a splash pad and a skate park. The project is currently funded by the San Antonio River Authority Project Fund, the Grants Fund, and the Downstream Capital Improvements Project Fund, which represents funding from various contributors in Karnes County including the City of Kenedy 4B Corporation and the City of Kenedy Chamber of Commerce.

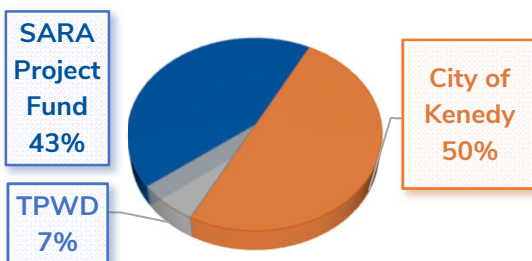
Future Financial Impact

In FY 2020-21, construction of the park will be completed and the park will be opened to the public. The River Authority will operate and maintain the park. These expenditures are estimated between \$275,000 and \$300,000 annually.

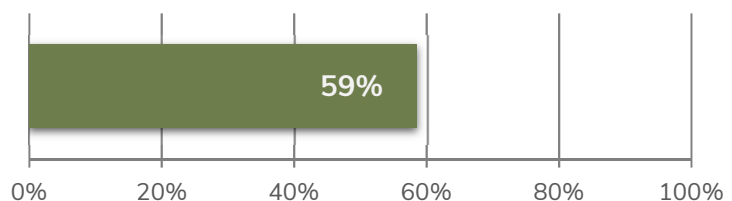
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Design	752,557	39,875	-	-	792,432
Construction	3,150,714	2,911,074	-	-	6,061,788
ROW Acquisition	223,968	-	-	-	223,968
Public Outreach	50,485	9,515	-	-	60,000
Total	\$ 4,177,725	\$ 2,960,464	\$ -	\$ -	\$ 7,138,188

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



Facilities Acquisition and Improvements

Project #0585

Adopted \$ 11,526,171
Budget
Unfunded Plan \$ 2,700,000

New Funding \$ 750,000
(FY21)

Department Facilities
Start Date 7/1/2017
End Date 12/31/2023

Goal



Description

This project will oversee the completion of the facilities acquisition and improvements plan. In FY 2019-20 the River Authority acquired property located at 201 W. Sheridan St. and contracted with an architecture firm for space planning, design, and renovation for this property and the administrative offices at 100 E. Guenther St. The Sheridan property will be renovated to accommodate field operations, administrative offices, environmental laboratory, and employee collaboration and wellness. The Guenther property will have upgrades to the HVAC system, board room, and administrative office spaces. Both buildings will have design and concepts that promote teamwork.

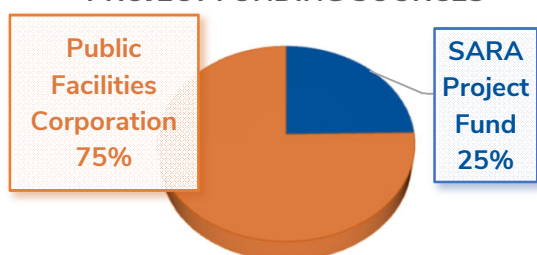
Future Financial Impact

In FY 2020-21, the River Authority will work with the architect to complete the design concepts for the Guenther and Sheridan locations. Renovations to the HVAC system, board room, and office space are expected to begin at the Guenther location.

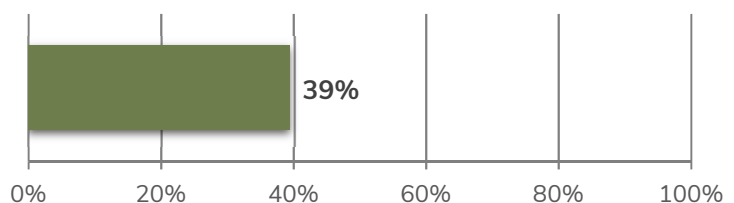
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Contracted Service	301,435	5,000,685	4,681,734	-	9,983,854
Acquisition	4,175,116	-	-	-	4,175,116
Technology	67,202	-	-	-	67,202
Total	\$ 4,543,752	\$ 5,000,685	\$ 4,681,734	\$ -	\$ 14,226,171

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



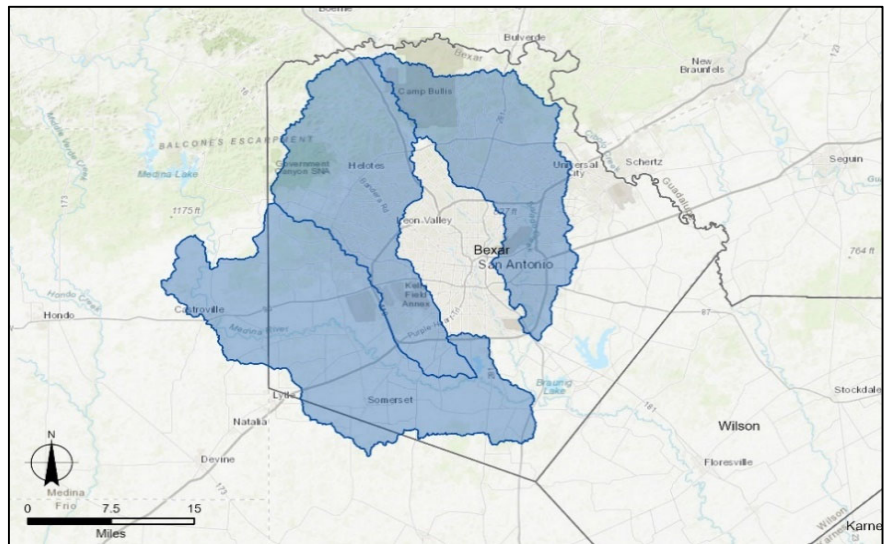
Floodplain Remapping - Leon, Salado, and Medina

Project# 0600

Adopted \$ 4,033,656
Budget
Unfunded Plan \$ -
New Funding \$ 833,269
 (FY21)

Department Watershed
Engineering
Start Date 6/11/2018
End Date 6/30/2021

Goal



Description

This project will enhance the community's floodplain data through a restudy and updating of floodplain maps for Leon Creek, Salado Creek, and selected Medina River tributaries within Bexar County. The River Authority's investment will incorporate current land use and topographic data, newer technology, updated rainfall data, and current FEMA standards to update the inventory of models developed as part of FEMA's Map Modernization Program. Engineering studies will produce updated floodplains and flood risk data. The objective is to develop and support flood hazard data and program-related tasks through completing technical risk analysis and mapping activities. With updated floodplain models and maps, the River Authority is better equipped to communicate flood risks to the communities and support partner agencies with project planning and prioritization.

Future Financial Impact

In FY 2020-21, the River Authority will complete preparation of floodplain mapping and development of flood risk products. These updated flood maps are based on the latest rainfall intensity data associated with the National Oceanic and Atmospheric Administration release of Atlas 14.

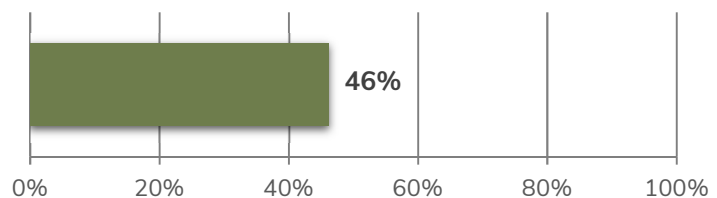
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Professional Service	1,865,177	2,143,479	-	-	4,008,656
Advertising	-	5,000	-	-	5,000
Other	-	20,000	-	-	20,000
Total	\$ 1,865,177	\$ 2,168,479	\$ -	\$ -	\$ 4,033,656

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



Freshwater (FW) Mussel Propagation

Project# 0608

Adopted \$ 290,453

Budget
Unfunded Plan \$ -

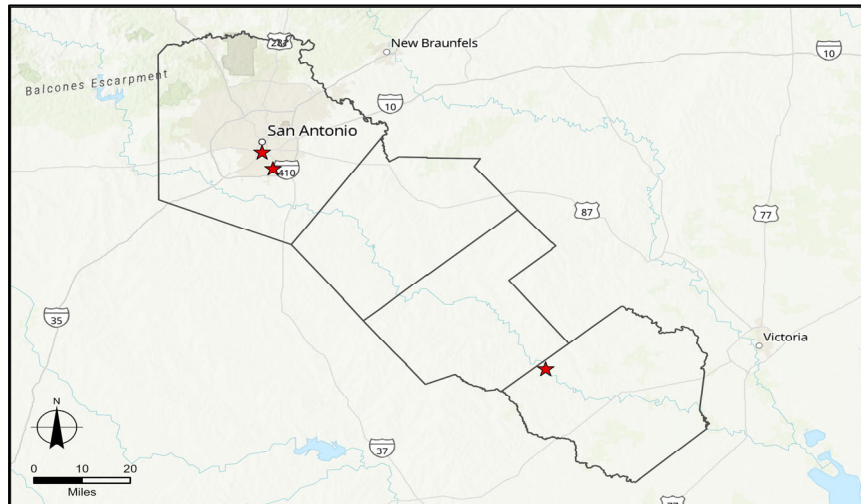
New Funding \$ 117,000
(FY21)

Department Environmental
Sciences

Start Date 7/1/2018

End Date 12/31/2021

Goal



Description

The goal of this project is to develop reliable methodologies to produce juvenile and sub-adult mussels of four species. Freshwater mussels are excellent indicators of community health and establish a foundation for the ecological health of the Mission Reach. In addition to being excellent indicator species, mussels are filter feeders which could lead to improved water quality, act as substrate which can help stabilize finer substrates and are a food source for other animals. This project will focus on propagation and potential re-introduction of four species that are common in the lower reaches of the San Antonio River. In partnership with United States Fish & Wildlife Services (USFWS), Phase I will focus on developing propagation and subsequent grow out methodologies for the four species of interest. Phase II will be the production of juveniles by USFWS for re-introduction into the Mission Reach. The River Authority would be the first river authority in the state, and one of the first Texas entities in general, to aggressively pursue mussel propagation/re-introduction to protect and enhance wild populations.

Future Financial Impact

In FY 2020-21 juveniles from all available species will be produced by USFWS. A minimum of one publication will be submitted to a peer-reviewed journal. The project is projected to close late 2021.

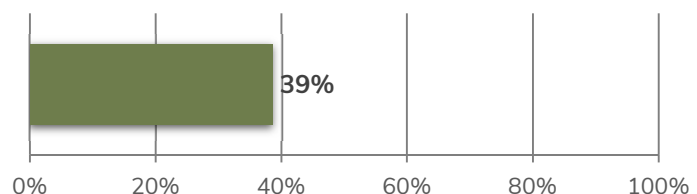
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Contracted Service	112,013	178,440	-	-	290,453
Total \$	112,013	\$ 178,440	\$ -	\$ -	\$ 290,453

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



Martinez IV Wastewater Treatment Plant Expansion

Project # 0627

Adopted \$ 11,650,000
Budget
Unfunded Plan \$ -

New Funding \$ 11,150,000
(FY21)

Department Utilities
Start Date 1/1/2020
End Date 12/30/2022



Goal



Description

This project will take the Martinez IV wastewater treatment plant (WWTP) from a permitted capacity of 250,000 gallons per day (GPD) to 1,000,000 gallons per day and construct a second lift station at Abbott Road. In the Martinez IV service area rapid growth is demanding additional capacity at the Martinez IV WWTP. Currently, the River Authority has 2,451 committed connections in the Martinez IV System. Additionally, the River Authority contracted with Green Valley Special Utility District (GVSUD) to treat 360,000 GPD. This brings the plant to a current demand capacity of approximately 752,000 GPD, exceeding the permitted 250,000 GPD.

Future Financial Impact

In FY 2020-21, design will be completed and construction will begin. The River Authority will continue to operate and maintain the Martinez IV WWTP. Immediate and interim fixes will be designed and constructed to comply with the Texas Commission on Environmental Quality (TCEQ) permit. Additionally, other operations and maintenance considerations to support these fixes will be implemented. The impacts for the interim measures to the current operating budget is unknown at this time.

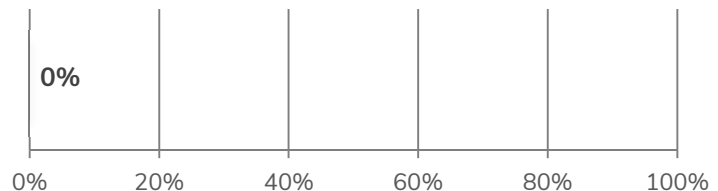
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Labor	1,363	48,637	-	-	50,000
Design	-	1,150,000	-	-	1,150,000
Construction	-	450,000	10,000,000	-	10,450,000
Total	\$ 1,363	\$ 1,648,637	\$ 10,000,000	\$ -	\$ 11,650,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



Mission Reach Erosion Repairs

Project #0528

Adopted \$ 2,856,447

Budget

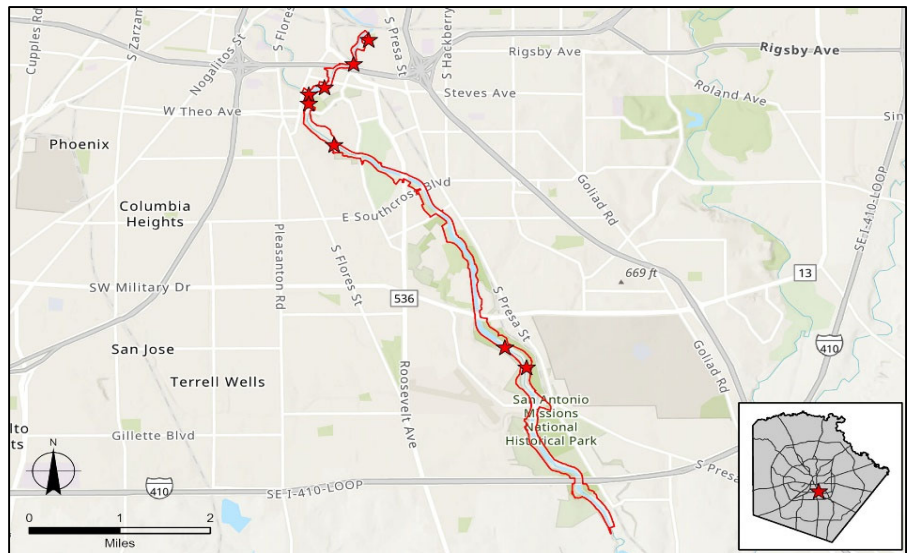
Unfunded Plan \$ -

New Funding \$ 287,000
(FY21)

Department Watershed
Engineering

Start Date 3/1/2016

End Date 12/31/2022



Goal



Description

This project funds repairs to address erosion at various locations along the Mission Reach Segment of the San Antonio River. Erosion repair projects aim to protect the hike and bike trails and reduce sediment loads within the river. Projects can range from large erosion repairs that address major issues in defined locations with external design and construction services to small area repairs that can be accomplished by River Authority staff with some outside assistance. The River Authority coordinates with Bexar County under an interlocal agreement to fund construction of large erosion repairs. These repairs include an area downstream of Mitchell Street, the confluence with San Pedro Creek, an area downstream of the Espada Dam, and an area near the Lone Star Brewery.

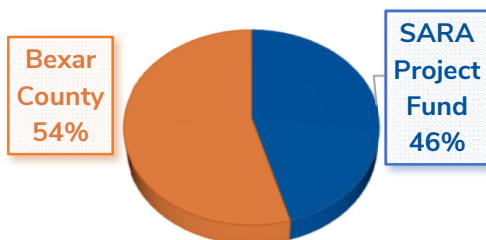
Future Financial Impact

In FY 2020-21, an area of bank erosion near the Lone Star Brewery will be repaired. This specific repair will also enhance the habitat for aquatic species. Future erosion repairs may include Pedestrian Bridge 5, Pedestrian Bridge 2, the east bank of the river near Roosevelt Blvd., and the San Juan Acequia at the Brooks Trail. Operations and maintenance expenditures are included in the FY 2020-21 Adopted Budget.

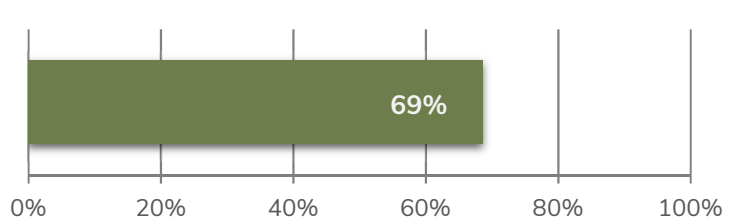
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Design	76,117	156,794	-	-	232,910
Construction	1,885,091	738,446	-	-	2,623,537
Total	\$ 1,961,208	\$ 895,239	\$ -	\$ -	\$ 2,856,447

PROJECT FUNDING SOURCES



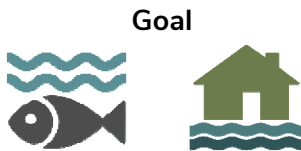
PERCENTAGE SPENT



Randolph Air Force Base Renewal & Replacement Program

Project # 9999

Adopted Budget \$ 6,121,179
Unfunded Plan \$ -
New Funding (FY21) \$ 698,194
Department Utilities
Start Date 7/1/2003
End Date 7/1/2052



Description

The River Authority, through a contract with the federal government, has responsibility for the Randolph Air Force Base (RAFB) wastewater collection system which provides service to customers of the RAFB installation adjacent to Universal City in Bexar County. The Utility Department operates and maintains the River Authority owned collection system in the RAFB installation and completes projects annually that improve the system. The River Authority rehabilitates portions of the RAFB collection system based on a 50-year plan. The River Authority reassesses 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.

Future Financial Impact

In FY 2020-21, the River Authority will complete Year 18 (2021) projects. This includes the rehabilitation of 3,557 linear feet of clay pipe by cast in place pipe (CIPP) method and 34 manholes by installing new rings and covers and spraying the interior of the manhole with epoxy coating or cementitious coating. Nine new cleanouts will also be installed which allows the River Authority to provide better service to RAFB. Operations and maintenance expenditures for these improvements are included in the FY 2020-21 Adopted Budget.

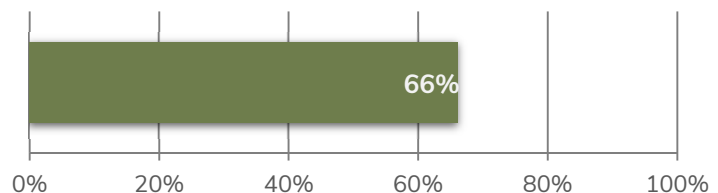
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Labor	244,897	10,000	-	-	254,897
Construction	3,804,132	2,062,150	-	-	5,866,282
Total	\$ 4,049,029	\$ 2,072,150	\$ -	\$ -	\$ 6,121,179

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



River Walk Public Art

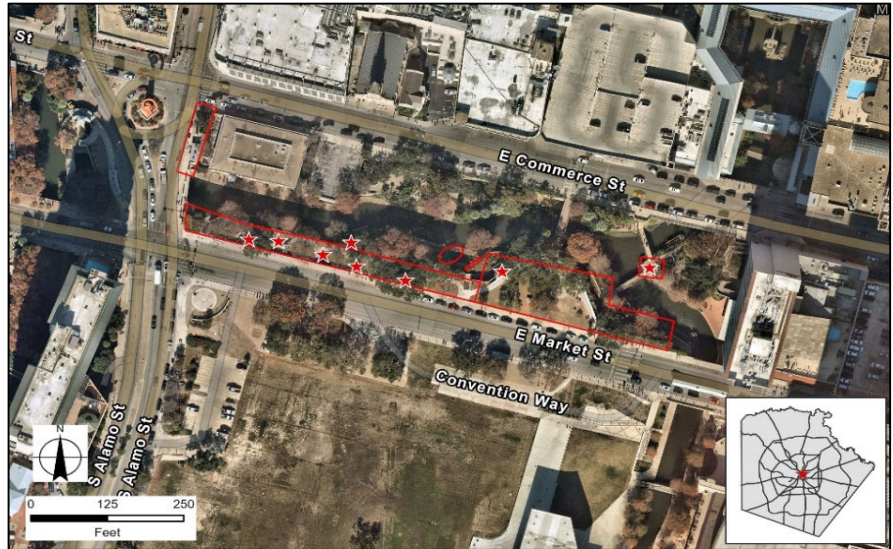
Project #0599

Adopted Budget \$ 1,632,915
Unfunded Plan \$ -

New Funding \$ -
(FY21)

Department Watershed Engineering
Start Date 5/18/2018
End Date 11/15/2021

Goal



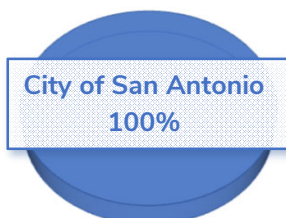
Description The River Authority will provide the design and construction management of Public Art Projects on behalf of the City of San Antonio Department of Arts & Culture (CoSA). The projects will consist of permanent and rotating art installations on CoSA property and along the River Walk. River Authority staff will coordinate the design with CoSA, provide consultation on constructability, and provide construction phase services to include contracting with construction contractor(s).

Future Financial Impact In FY 2020-21 designs will be completed and construction will begin. CoSA will be responsible for all operations and maintenance.

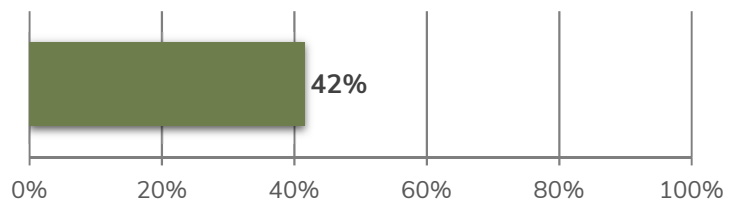
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Design	107,732	424,642	-	-	532,374
Construction	524,633	400,787	-	-	925,420
Project Management	46,552	128,569	-	-	175,121
Total	\$ 678,916	\$ 953,998	\$ -	\$ -	\$ 1,632,915

PROJECT FUNDING SOURCES



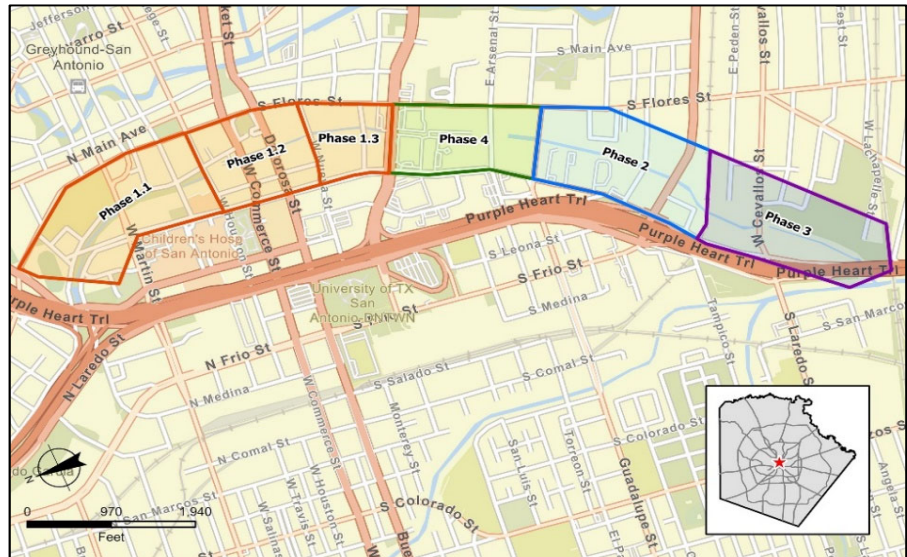
PERCENTAGE SPENT



San Pedro Creek Culture Park

Project #0378

Adopted Budget \$ 274,859,694
Unfunded Plan \$ -
New Funding (FY21) \$ 5,554,312
Department Watershed Engineering
Start Date 8/1/2012
End Date 5/31/2025



Description

Bexar County and the River Authority, in coordination with the City of San Antonio, are transforming San Pedro Creek into a resource that reflects the community's cultural history, improves its function in flood control, revitalizes natural habitat and water quality, and promotes economic development. This project begins at the tunnel inlet near Fox Tech High School and winds its way through the western side of downtown to the creek's confluence with the Alazan and Apache Creeks. Once fully constructed, the project will include approximately four miles of trails and eleven acres of landscaped area, and will remove approximately 30 acres and 38 adjacent structures from the 100-year flood plain.

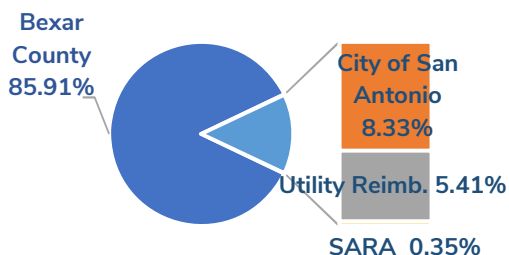
Future Financial Impact

In FY2020-21, construction of Phase 1.2 will be completed. Additionally, construction of Phases 1.3 and 2 will be ongoing, with projected completion in December 2022. Operations and maintenance costs for Phase 1.1 and 1.2 are included in the FY 2020-21 Adopted Budget.

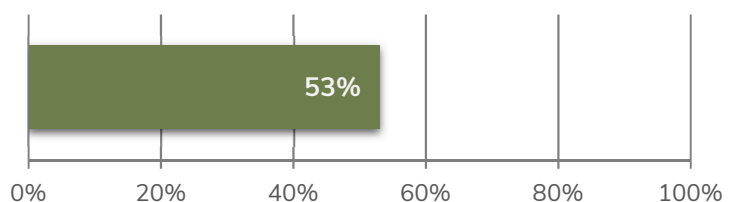
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Pre-Design	685,925	30,000	-	-	715,925
Design	24,654,919	4,071,736	-	-	28,726,655
Construction	106,692,043	116,769,857	-	-	223,461,900
ROW Acquisition	5,956,138	192,479	-	-	6,148,617
Utility Relocations	6,721,892	8,149,705	-	-	14,871,597
Public Outreach	893,901	41,099	-	-	935,000
Total	\$ 145,604,818	\$ 129,254,876	\$ -	\$ -	\$ 274,859,694

PROJECT FUNDING SOURCES



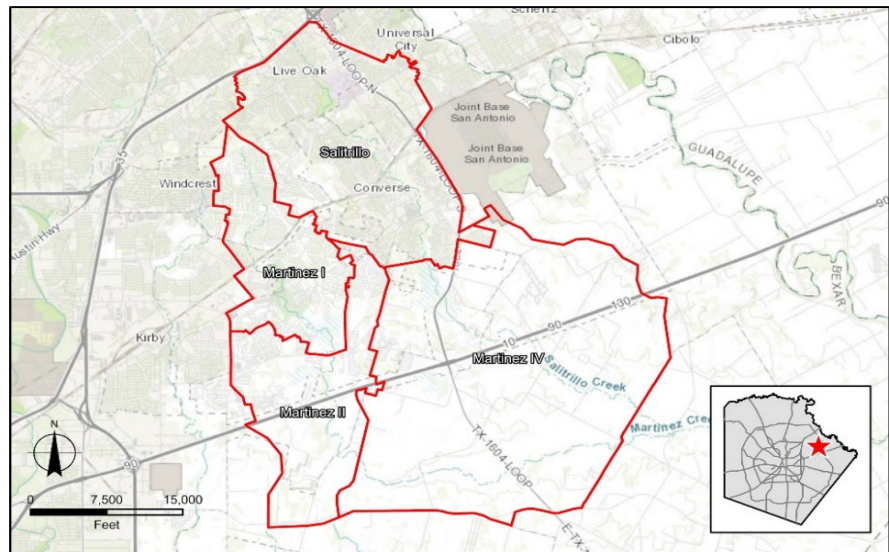
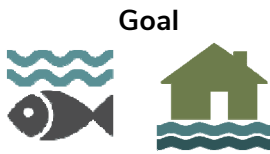
PERCENTAGE SPENT



Utility Optimization Plan

Project # 0628

Adopted Budget	\$	145,000
Unfunded Plan	\$	-
New Funding (FY21)	\$	100,000
Department	Utilities	
Start Date	7/1/2019	
End Date	6/30/2022	



Description

This project will create a plan to optimize the capacities of River Authority owned wastewater treatment plants (WWTP), utilize all available efficiencies and technologies, and maximize the operational and maintenance efforts. In FY 2019-20, an information gathering workshop developed a list of efforts, tasks, and sub-projects in a plan that will be used by staff to optimize utility functions. A list of tasks includes, but is not limited to extended aeration capacity evaluations, electrical studies, and geotechnical services to support soil evaluation for Inflow and Infiltration (I&I).

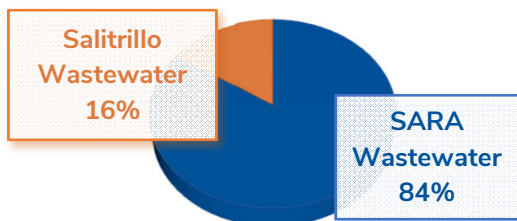
Future Financial Impact

In FY 2020-21, the River Authority will work with a contractor on an electrical systems evaluation at the Martinez II WWTP. This study will be used to identify deficiencies and potential safety hazards. At the conclusion of this evaluation a training for qualified electrical workers will be provided. Future efforts and sub-projects may result in reduced electric utilities, enhanced supervisory control and data acquisition (SCADA) automation, the maximization of treatment capacities, and updated specifications for new collection system installations and repair projects.

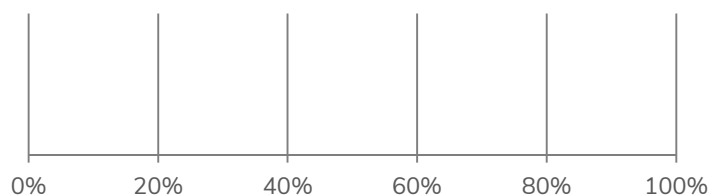
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Professional Services	-	145,000	-	-	145,000
Total	\$ -	\$ 145,000	\$ -	\$ -	\$ 145,000

PROJECT FUNDING SOURCES



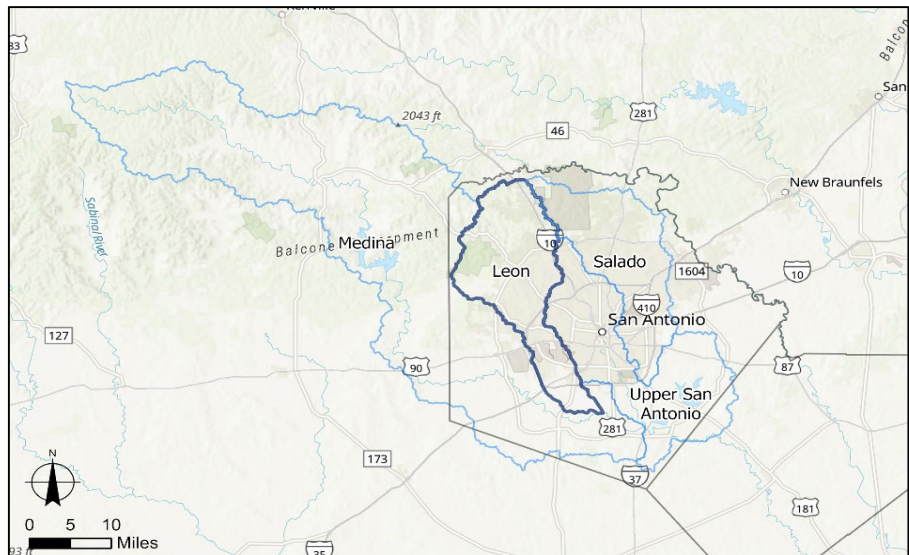
PERCENTAGE SPENT



Watershed Master Plans Integration

Project# 0536

Adopted Budget \$ 865,000
 Unfunded Plan \$ 1,350,000
 New Funding (FY21) \$ 525,000
 Department Watershed Engineering
 Start Date 6/22/2016
 End Date 6/30/2024



Description

This project will update the River Authority's master plan viewer and will inform the community on stormwater quality management through the update of existing water quality models in Bexar, Wilson, Karnes and Goliad counties. With updated models and maps, the River Authority is better equipped to advise stakeholders on where stormwater water quality improvement measures can be implemented. This project will incorporate current, as well as future, land use conditions, topographic data, meteorological data, stream and rain gauge data, wastewater plant treatment effluent discharges, and other important characteristics. The outcomes of this project will serve as the basis for the River Authority to assist stakeholders in planning projects that can improve water quality. This project will also inform project prioritization and policy changes that need to occur for achieving contact recreation standards in the waterbodies within the San Antonio River Basin.

Future Financial Impact

In FY 2020-21, Leon Creek HSPF models will be updated, recalibrated and verified, data analyzed, and priority sub-basins will be identified within the Leon Creek Watershed. Updates to San Antonio and Salado Creek watershed models will continue subsequently.

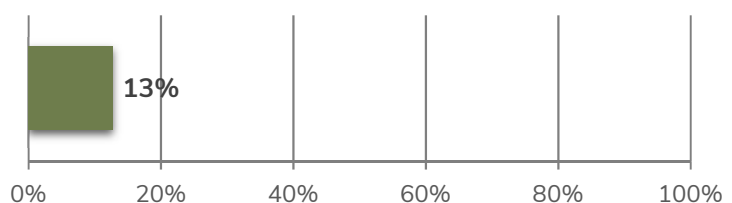
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Professional Services	110,117	754,883	550,000	800,000	2,215,000
Total	\$ 110,117	\$ 754,883	\$ 550,000	\$ 800,000	\$ 2,215,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



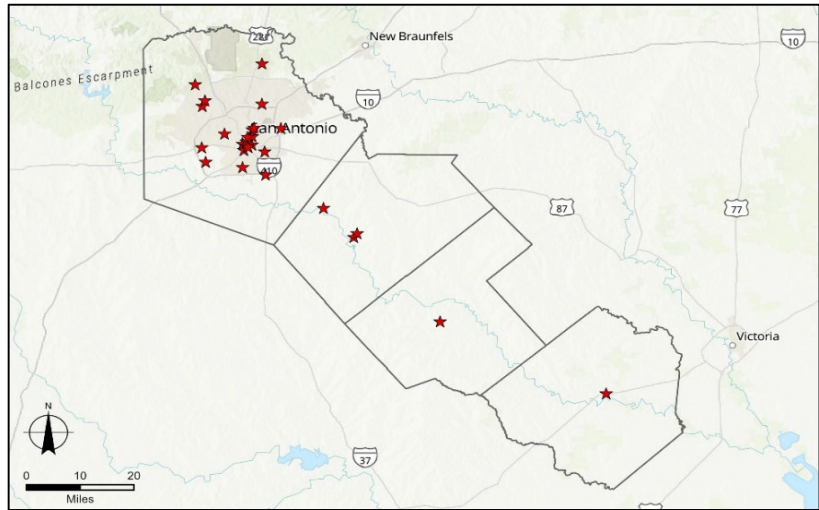
Watershed Wise Rebate Program

Project #0513

Adopted \$ 2,770,000
Budget
Unfunded Plan \$ -

New Funding \$ 500,000
(FY21)

Department Environmental
 Sciences
Start Date 7/1/2015
End Date 6/30/2021

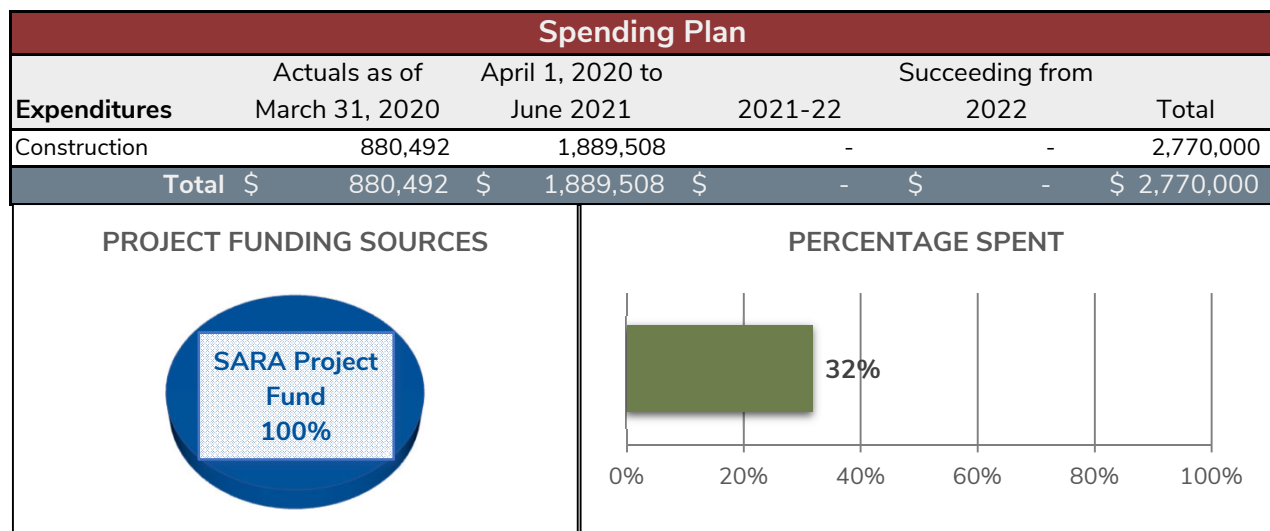


Goal



Description The Watershed Wise Rebate Program complements and enhances requirements included in the City of San Antonio's 2015 Unified Development Code (UDC) and is an effective tool by which to generate improvements to the health of the creeks and rivers. Green Stormwater Infrastructure (GSI) is a new concept for many developers and design professionals. The rebate program provides an incentive for developers and designers to learn about and incorporate GSI into their design plans. Through this program, the River Authority will assist in covering GSI costs where those costs reflect an increase over traditional design requirements.

Future Financial Impact For FY 2020-21, the River Authority will continue to promote the rebate program while evaluating and awarding rebates where GSI is incorporated in the design plans. Based on impact to creeks and rivers, the project budget will have specific percentages for different project types throughout the four counties served by the River Authority.

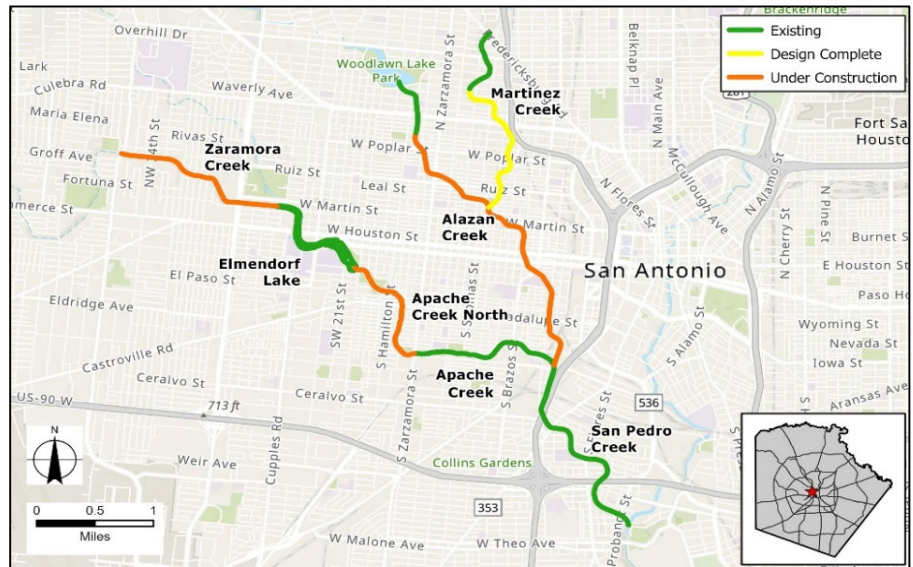


WSC Linear Creekways and Elmendorf Lake Park

Project #0380

Adopted \$ 45,162,267
Budget
Unfunded Plan \$ -
New Funding (FY21) \$ 100,000
Department Watershed Engineering
Start Date 1/1/2012
End Date 6/30/2022

Goal



Description

The Westside Creeks Restoration Project Conceptual Plan, adopted in June 2011 by the River Authority's Board of Directors, has served as the catalyst for the Elmendorf Lake Park Improvements project, Linear Creekway Trails project, United States Army Corps of Engineers General Reevaluation Report, and the San Pedro Creek Improvements Project. The community-based plan, overseen by the Westside Creeks Restoration Oversight Committee, set out to develop concepts to restore the Alazan, Apache, Martinez, and San Pedro Creeks ecosystem, maintain or enhance the current flood components of these creeks, improve water quality, and provide opportunities for people to enjoy these creeks. This projects oversees the design and construction of improvements to Elmendorf Lake Park and the Linear Creekway Trails along Alazan, Zaramora, Martinez, Apache, and San Pedro Creeks.

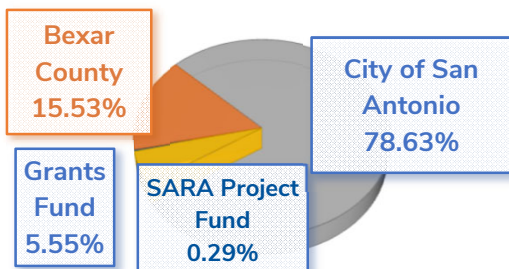
Future Financial Impact

In FY 2020-21, the Zaramora Creek Trail will continue construction. Additionally, construction of Alazan and Apache Creek North Trails will be completed. Lastly, the Martinez Creek Trail design is complete, but the trail construction has been placed on hold by the City of San Antonio (CoSA) due to the San Antonio Water System (SAWS) Sanitary Sewer Replacement project that is presently under construction along Martinez Creek until June 2021. CoSA will assume responsibility for the operations and maintenance of all projects.

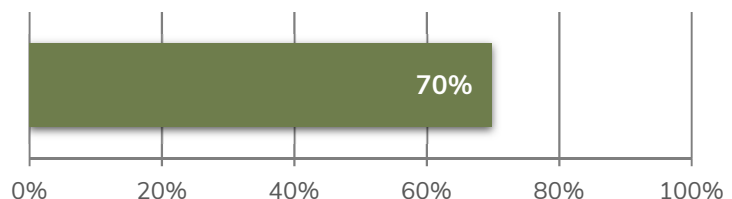
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Design	6,049,390	394,091	-	-	6,443,481
Construction	24,020,812	12,513,975	-	-	36,534,787
ROW Acquisition	204,346	-	-	-	204,346
Public Outreach	35,166	39,834	-	-	75,000
Project Management	1,273,148	631,506	-	-	1,904,653
Total	\$ 31,582,861	\$ 13,579,406	\$ -	\$ -	\$ 45,162,267

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



AUTHORIZED PROJECTS



Project Highlight: Escondido Creek Parkway Project – In FY 2020-21, the River Authority will be opening its first park in Karnes County. Through its parks, the River Authority aims to create welcoming public places that provide quality experiences that contribute to the health and wellbeing of communities.

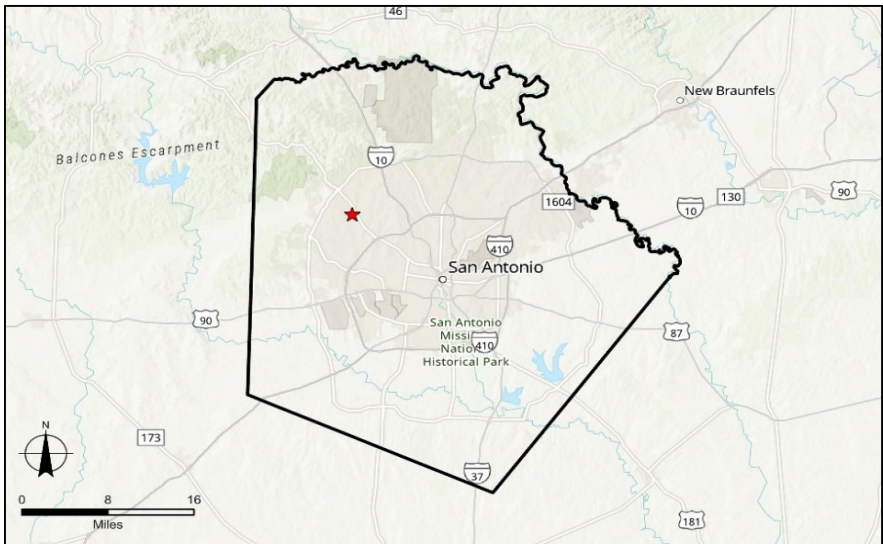
BRWM Stream Mitigation Bank

Project #0466

Adopted Budget \$ 260,000
Unfunded Plan \$ -

New Funding (FY21) \$ -

Department Watershed Engineering
Start Date 7/1/2014
End Date 6/30/2020



Goal



Description

This project, through collaboration with the Bexar Regional Watershed Management (BRWM) partners, will restore natural stream functions to improve overall aquatic and riparian health. The first project site chosen for the bank was not approved by the United States Army Corp of Engineers (ACE) to move forward. Due to updated requirements of mitigation banks the River Authority is restructuring our approach to the creation of a mitigation bank. The River Authority will widen our search for appropriate sites as well as hold more in-depth meetings with ACE to identify appropriate sites under the current requirements.

Future Financial Impact

In FY 2020-21 staff will hold meetings with stakeholders to examine the feasibility of bank locations in multiple districts of the ACE. Continued coordination with the BRWM will also be maintained to identify steps moving forward.

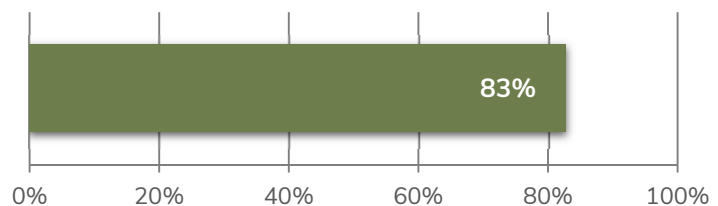
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Professional Services	215,272	44,728	-	-	260,000
Total	\$ 215,272	\$ 44,728	\$ -	\$ -	\$ 260,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



City of San Antonio Bond GSI Match

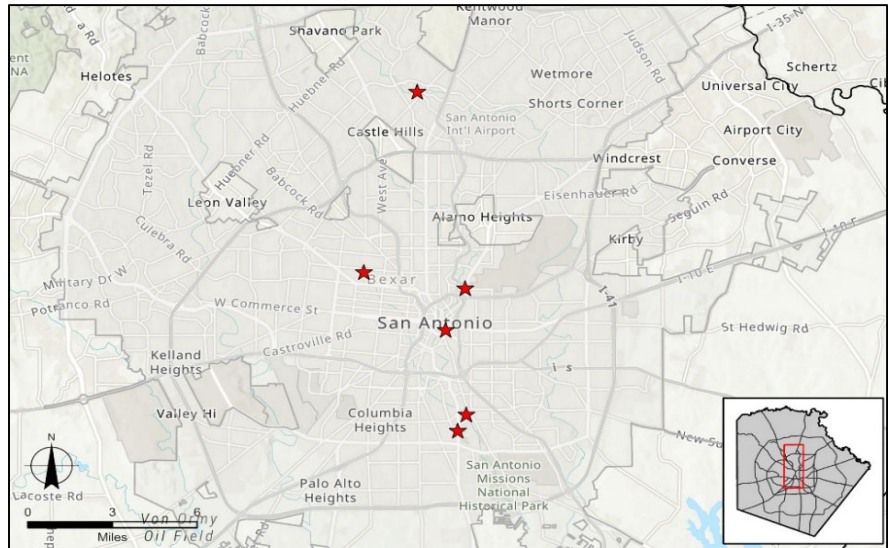
Project# 0607

Adopted Budget \$ 335,000
Unfunded Plan \$ 715,000

New Funding \$ -
(FY21)

Department Watershed Engineering
Start Date 7/1/2018
End Date 6/30/2023

Goal



Description

The River Authority is coordinating with the City of San Antonio (CoSA) to identify 2017-2022 bond projects that can incorporate Green Stormwater Infrastructure (GSI) practices. The River Authority, working with CoSA, will evaluate, select and develop standard plans for GSI methods in public right of way projects. Projects are ranked based on the benefits GSI can make on water quality and will be built to the specifications in the San Antonio River Basin Low Impact Development Technical manual. Once complete, these projects will provide an education opportunity and demonstrate the benefits of GSI to other communities and developers.

Future Financial Impact

In FY 2020-21, the River Authority will continue to work with CoSA to incorporate GSI requirements into bond projects by evaluating, selecting, and developing standard plans for GSI methods in public right of way. Delivery of these projects will be based on CoSA schedules for individual projects. Anticipated funding upon completion and inspection of projects is projected to be \$715,000. Discussions are ongoing regarding the operations and maintenance of the GSI component of the selected bond projects. Task orders for projects Woodlawn, District 9, and Broadway are anticipated to be finalized in FY 2021-22. Future task orders will include four other locations at South Alamo, Roosevelt, World Heritage Center and Vista Verde.

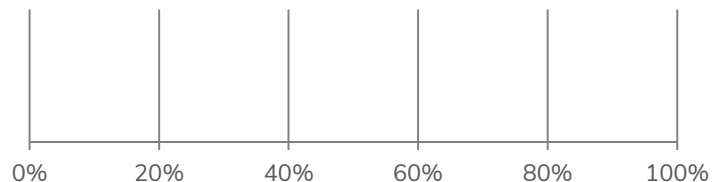
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Contracted Service	-	-	57,000	993,000	1,050,000
Total	\$ -	\$ -	\$ 57,000	\$ 993,000	\$ 1,050,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



Concepcion Creek Outfall Repair

Project #0583

Adopted Budget \$ 1,690,000
Unfunded Plan \$ -

New Funding \$ -
(FY21)

Department Watershed
Engineering
Start Date 4/20/2017
End Date 6/30/2020



Description

The project is managed by the River Authority on behalf of the City of San Antonio. The project will rehabilitate damage sustained to Concepcion Creek's outfall into the San Antonio River during a September 2016 storm event. During the storm event, a portion of the outfall's chute slab was undermined and displaced by the flood waters. The repairs will include construction of new side slopes, a downstream weir wall, and a new apron slab. The engineering consultant will provide design drawings, a design technical memorandum, construction drawings and technical specifications, and provide as built drawings following construction. The construction contractor will construct the project.

Future Financial Impact

The project will close at the end of FY 2019-20. The River Authority is not responsible for operations and maintenance of these improvements.

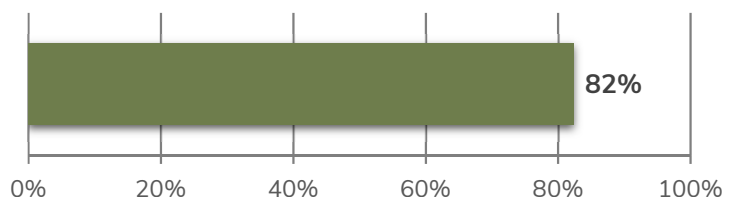
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Design	140,742	50,579	-	-	191,321
Construction	1,173,969	229,050	-	-	1,403,019
Administration	78,883	16,777	-	-	95,660
Total	\$ 1,393,594	\$ 296,406	\$ -	\$ -	\$ 1,690,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



CTP Development - FEMA Letter of Map Revision

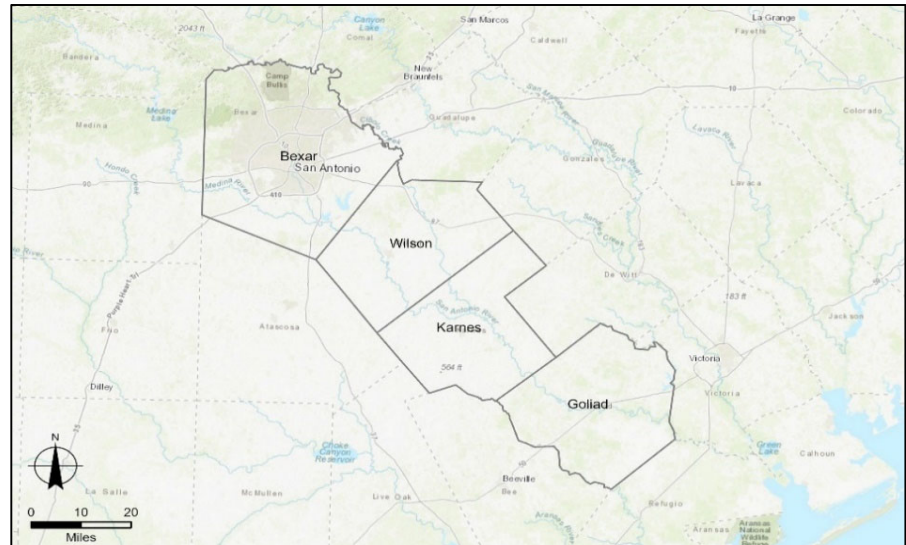
Project #0092

Adopted Budget \$ 2,060,933
Unfunded Plan \$ -

New Funding \$ -
(FY21)

Department Watershed Engineering
Start Date 7/1/2009
End Date 7/31/2021

Goal



Description

This project focuses on flood data, including flood risk identification and assessment activities within the Cibola watershed. These activities include floodplain mapping, report generation, and producing a database of streams studied under FEMA's Mapping Activity Statement No. 9. The objective is to develop and support flood hazard data and program-related tasks through completing technical risk analysis and mapping activities within the watersheds. Tools developed will provide communities with flood information they can use to make informed decisions about reducing flood risk.

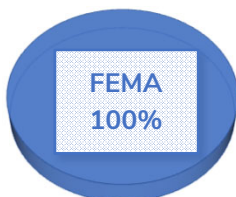
Future Financial Impact

In FY 2020-21, the project will complete the development of hydraulic data, the preparation of floodplain mapping, and the development of flood risk products. Coordination of activities will be managed by River Authority staff and technical task completed by professional services. These updated flood maps are based on the latest rainfall intensity data associated with the National Oceanic and Atmospheric Administration release of Atlas 14.

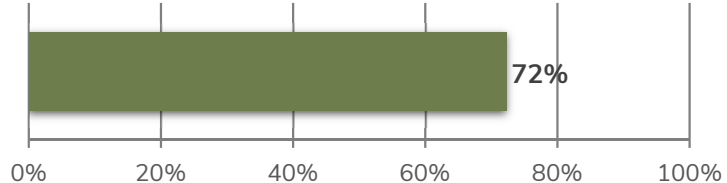
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Labor	1,101,724	272,946	-	-	1,374,670
Professional Services	388,511	297,752	-	-	686,263
Total	\$ 1,490,235	\$ 570,698	\$ -	\$ -	\$ 2,060,933

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



CTP Risk Map Cibolo Creek

Project #0472

Adopted Budget \$ 600,000

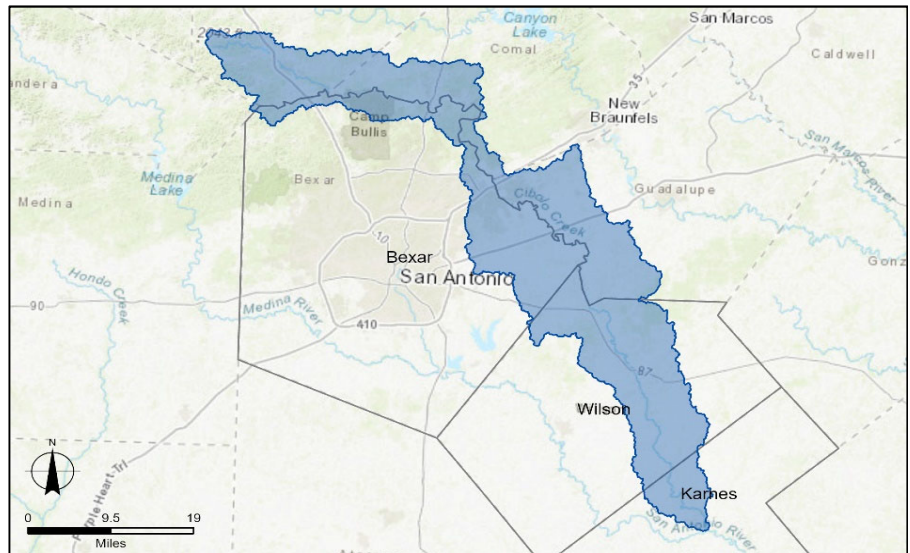
Unfunded Plan \$ -

New Funding \$ -
(FY21)

Department Watershed
Engineering

Start Date 1/1/2015

End Date 9/30/2020



Description

The project focuses on flood data, including flood risk identification and assessment activities within the Cibolo watershed. These activities include floodplain mapping, report generation, and producing a database of streams studied under FEMA's Mapping Activity Statement No. 9. The objective is to develop and support flood hazard data and program-related tasks through completing technical risk analysis and mapping activities within the watersheds. Tools developed will provide communities with flood information they can use to make informed decisions about reducing flood risk.

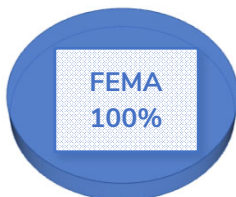
Future Financial Impact

In FY 2020-21, the project will complete the development of hydraulic data, the preparation of floodplain mapping, and the development of flood risk products. Coordination of activities will be managed by River Authority staff and technical task completed by professional services. These updated flood maps are based on the latest rainfall intensity data associated with the National Oceanic and Atmospheric Administration release of Atlas 14.

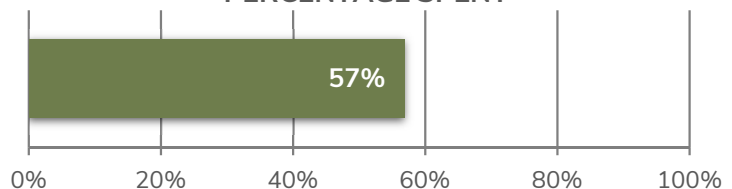
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Labor	53,404	42,126	-	-	95,530
Professional Services	287,815	216,655	-	-	504,470
Total	\$ 341,219	\$ 258,781	\$ -	\$ -	\$ 600,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



CTP Risk Map Cibolo Creek - Phase 2

Project #0620

Adopted Budget \$ 307,194

Unfunded Plan \$ -

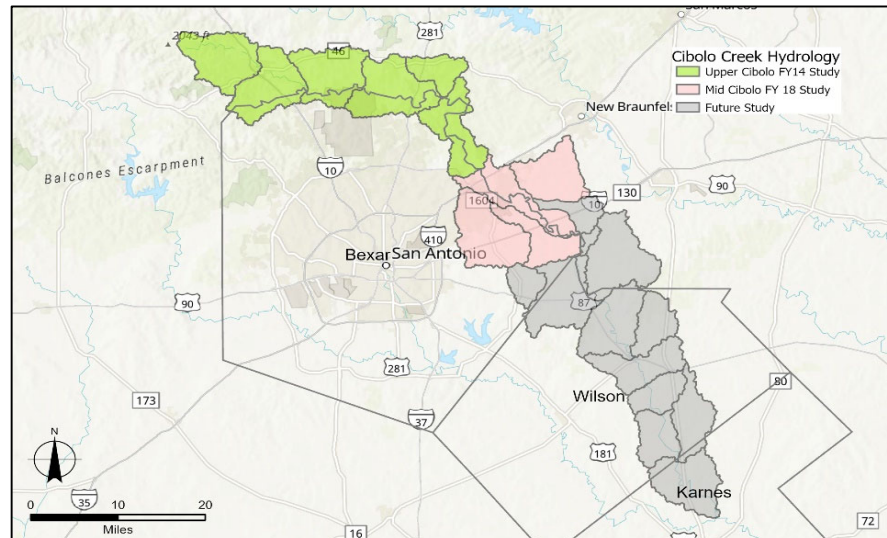
New Funding \$ -
(FY21)

Department **Watershed Engineering**

Start Date **10/1/2018**

End Date **9/30/2021**

Goal



Description

The project focuses on flood data, including flood risk identification and assessment activities within the Cibolo watershed. These activities include floodplain mapping, report generation, and producing a database of streams studied under FEMA's Mapping Activity Statement No. 17. The objective is to develop and support flood hazard data and program-related tasks through completing technical risk analysis and mapping activities within the watersheds. Tools developed will provide communities with flood information they can use to make informed decisions about reducing flood risk.

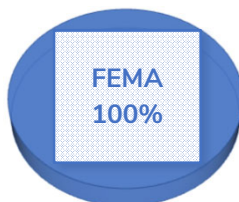
Future Financial Impact

In FY 2020-21, the project will complete preparation of floodplain mapping and development of flood risk products. Coordination of activities will be managed by River Authority staff and technical task completed by professional services. These updated flood maps are based on the latest rainfall intensity data associated with the National Oceanic and Atmospheric Administration release of Atlas 14.

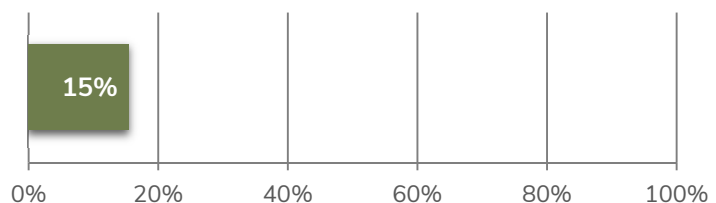
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Labor	14,624	286	-	-	14,910
Professional Services	32,893	259,391	-	-	292,284
Total	\$ 47,517	\$ 259,677	\$ -	\$ -	\$ 307,194

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



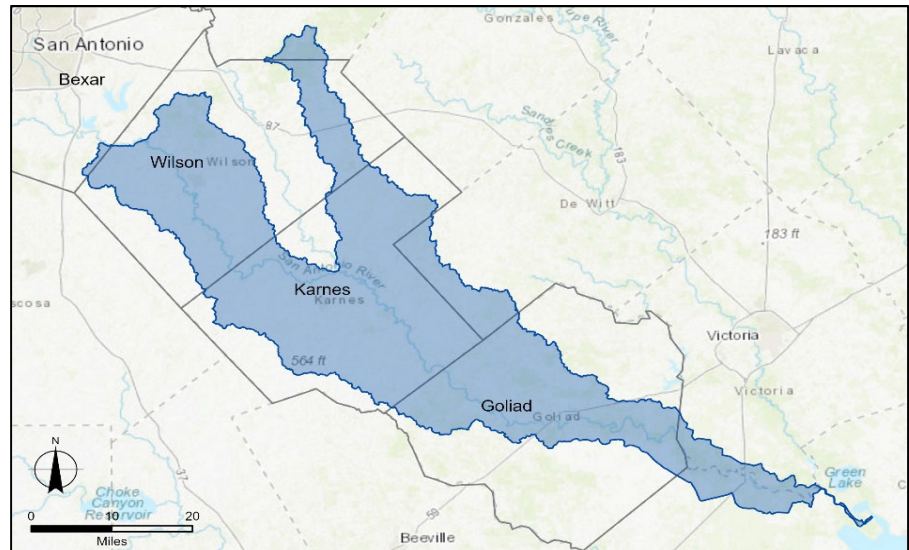
CTP RiskMAP Lower San Antonio River

Project #0520

Adopted Budget \$ 617,000
Unfunded Plan \$ -

New Funding \$ -
(FY21)

Department Watershed Engineering
Start Date 1/1/2016
End Date 9/30/2021



Description

The project focuses on flood data, including flood risk identification and assessment activities within the Lower San Antonio watershed. These activities include floodplain mapping, report generation, and producing a database of streams studied under FEMA's Mapping Activity Statement No. 11. The objective is to develop and support flood hazard data and program-related tasks through completing technical risk analysis and mapping activities within the watersheds. Tools developed will provide communities with flood information they can use to make informed decisions about reducing flood risk.

Future Financial Impact

In FY 2020-21, the project will complete preparation of floodplain mapping and development of flood risk products. Coordination of activities will be managed by River Authority staff and technical task completed by professional services. These updated flood maps are based on the latest rainfall intensity data associated with the National Oceanic and Atmospheric Administration release of Atlas 14.

Spending Plan					
Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Labor	52,963	116,769	-	-	169,732
Professional Services	309,202	138,067	-	-	447,269
Total	\$ 362,164	\$ 254,836	\$ -	\$ -	\$ 617,000

PROJECT FUNDING SOURCES 	PERCENTAGE SPENT
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CTP Risk Map Upper Medina River Watershed - Phase 2

Project #0597

Adopted Budget \$ 205,000

Unfunded Plan \$ -

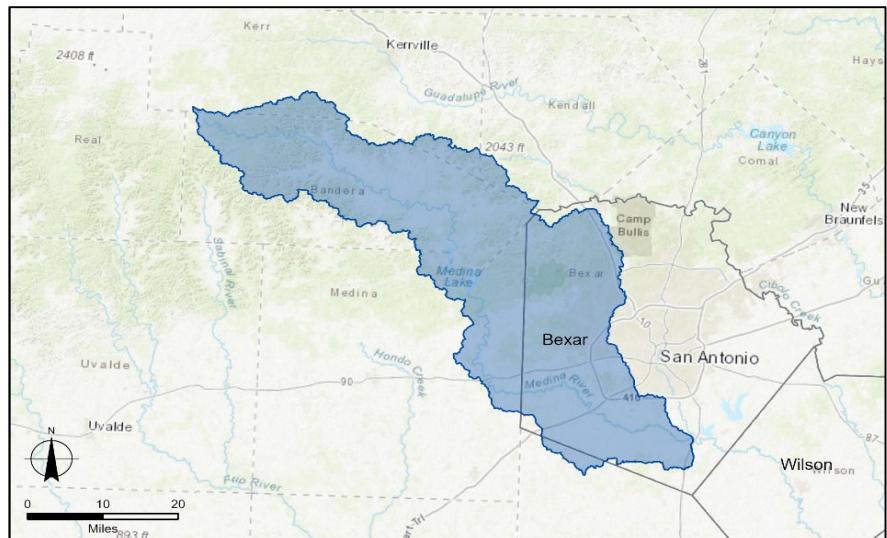
New Funding \$ -
(FY21)

Department Watershed
Engineering

Start Date 10/1/2017

End Date 9/30/2020

Goal



Description

This project focuses on flood data, including flood risk identification and assessment activities within the Medina watershed. These activities include floodplain mapping, report generation, and producing a database of streams studied under FEMA's Mapping Activity Statement No. 15. The objective is to develop and support flood hazard data and program-related tasks through completing technical risk analysis and mapping activities within the watersheds. Tools developed will provide communities with flood information they can use to make informed decisions about reducing flood risk.

Future Financial Impact

In FY 2020-21, the project will complete preparation of floodplain mapping and development of flood risk products. Coordination of activities will be managed by River Authority staff and technical task completed by professional services. These updated flood maps are based on the latest rainfall intensity data associated with the National Oceanic and Atmospheric Administration release of Atlas 14.

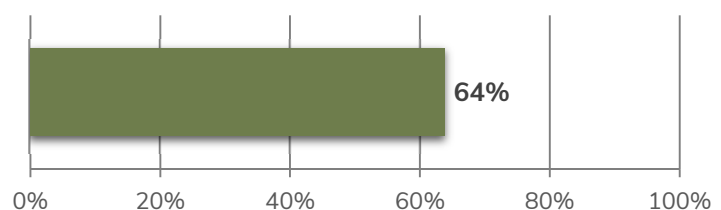
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Labor	12,948	23,172	-	-	36,120
Professional Services	118,027	50,853	-	-	168,880
Total	\$ 130,975	\$ 74,025	\$ -	\$ -	\$ 205,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



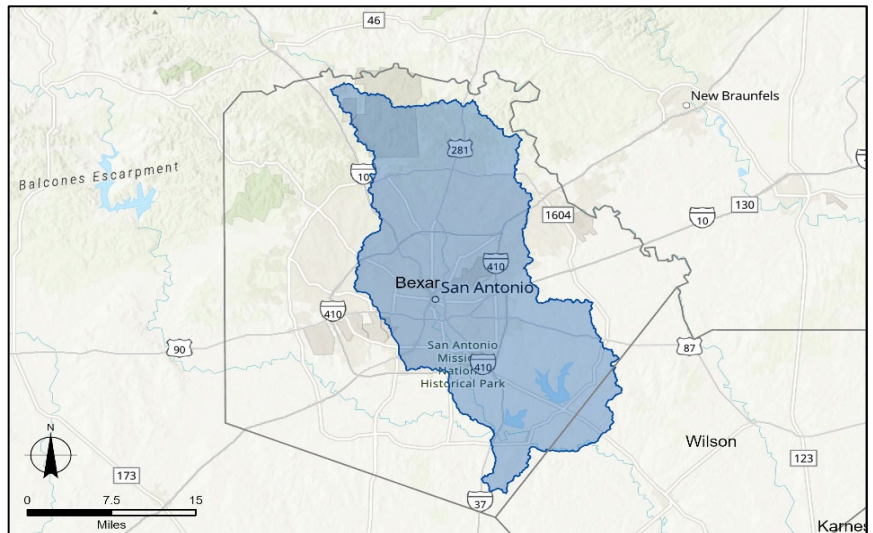
CTP Risk Map Upper San Antonio River - FY19

Project #0631

Adopted Budget \$ 1,005,400
Unfunded Plan \$ -

New Funding \$ -
(FY21)

Department **Watershed**
Start Date **Engineering**
End Date **10/1/2019**
9/30/2022


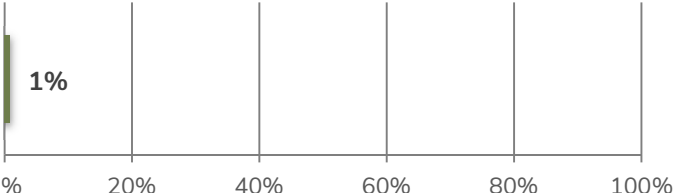


Description

The project focuses on flood data, including flood risk identification and assessment activities within the Upper San Antonio watershed. These activities include floodplain mapping, report generation, and producing a database of streams studied under FEMA's Mapping Activity Statement No. 19. The objective is to develop and support flood hazard data and program-related tasks through completing technical risk analysis and mapping activities within the watersheds. Tools developed will provide communities with flood information they can use to make informed decisions about reducing flood risk.

Future Financial Impact

In FY 2020-21, the project will complete survey of existing bridge and culvert structures, develop hydrologic data, and develop hydraulic data. Coordination of activities will be managed by River Authority staff and technical task completed by professional services. These will be used to create updated flood maps based on the latest rainfall intensity data associated with the National Oceanic and Atmospheric Administration release of Atlas 14.

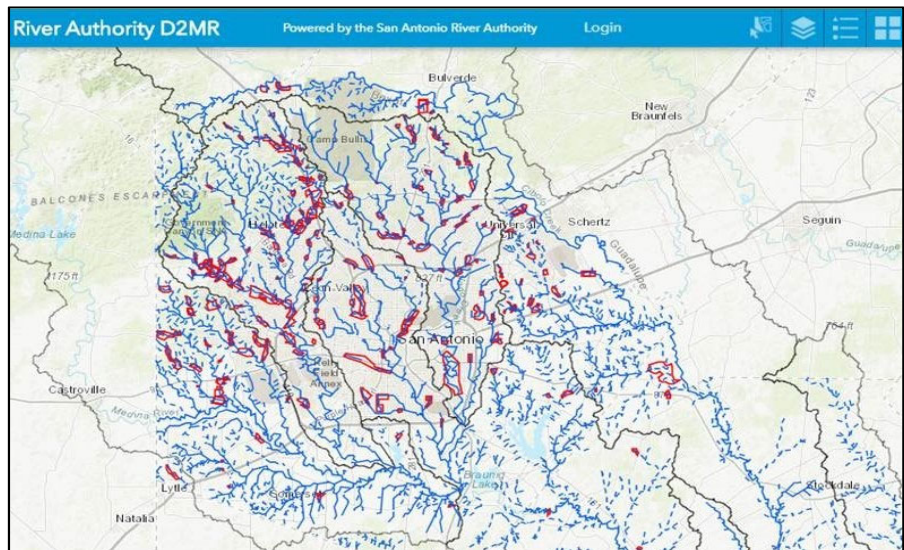
Spending Plan						
Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022		Total
Labor	960	42,995	-	-		43,955
Professional Services	7,877	953,568	-	-		961,445
Total	\$ 8,836	\$ 996,563	\$ -	\$ -	\$ -	\$ 1,005,400
PROJECT FUNDING SOURCES			PERCENTAGE SPENT			
						

Adopted Budget \$ 175,000
Unfunded Plan \$ -

New Funding \$ -
(FY21)

Department Information
Technology
Start Date 7/1/2017
End Date 6/30/2020

Goal



Description

The project focuses on building a new web application for discovery and accessibility to the River Authority's hydraulic and hydrology modeling data in support of the River Authority's LOMR Delegation Program and Open Data initiatives. The engineering community will be able to easily download the required models and supporting data in the FEMA C/LOMR process. Additionally, this will increase accessibility to our modeling data, enhance search-ability of our modeling repository, optimize web performance for mobile and tablet devices, and reengineering the user experience for external users and SARA administrators. Lastly, this will enhance administrative features for tracking, reporting, integration with ArcGIS Online.

Future Financial Impact

The project will close at the end of FY 2019-20. In FY 2020-21, the River Authority will be responsible for operations and maintenance including vendor support and licensing fees.

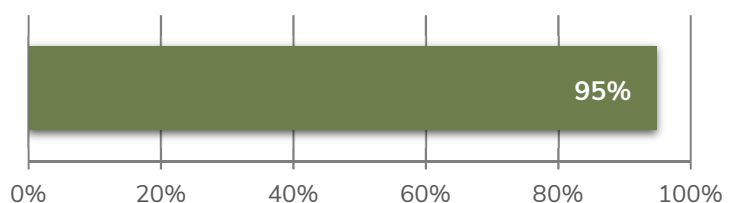
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Professional Services	165,961	9,039	-	-	175,000
Total	\$ 165,961	\$ 9,039	\$ -	\$ -	\$ 175,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



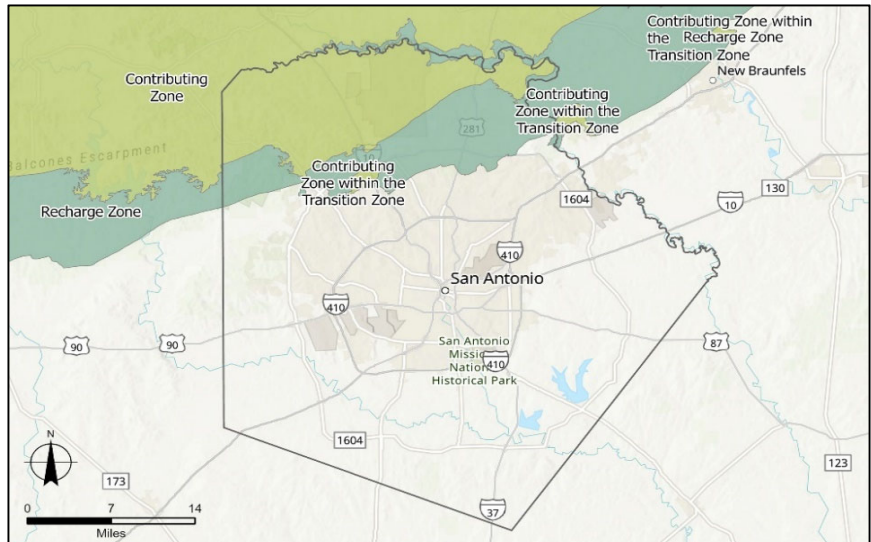
Edwards Aquifer Watershed Protection

Project# 0512

Adopted Budget \$ 550,712
Unfunded Plan \$ -

New Funding (FY21) \$ -

Department Environmental Sciences
Start Date 7/1/2015
End Date 6/30/2023

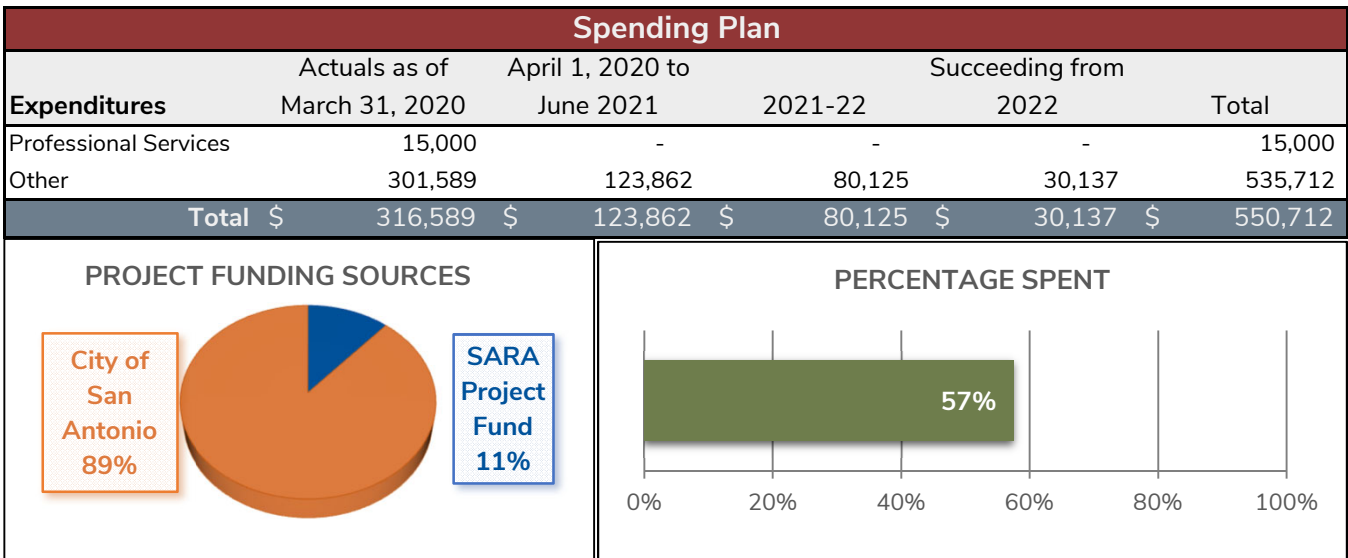


Description

The River Authority serves as project manager and administrator for the City of San Antonio Proposition 1 water quality project component of the Edwards Aquifer Protection Program (EAPP). The funding supports individual projects to improve and protect water quality over the Edwards Aquifer recharge and contributing zones in urbanized Bexar County. Projects include elements such as rain gardens, bioswales, and other green stormwater infrastructure (GSI). The first project was completed on March 31, 2020. Other projects will be completed on a staggered schedule.

Future Financial Impact

In FY 2020-21, the River Authority will work with the City of San Antonio to extend the current agreement for two years. Additionally, five of the ten funded projects will be completed. An interim report on these five projects will be drafted by the close of FY 2020-21. The City of San Antonio is responsible for any future operations and maintenance costs that may be associated with the Proposition 1 funded projects.



Espada Park

Project #0622

Adopted Budget \$ 150,000
Unfunded Plan \$ -

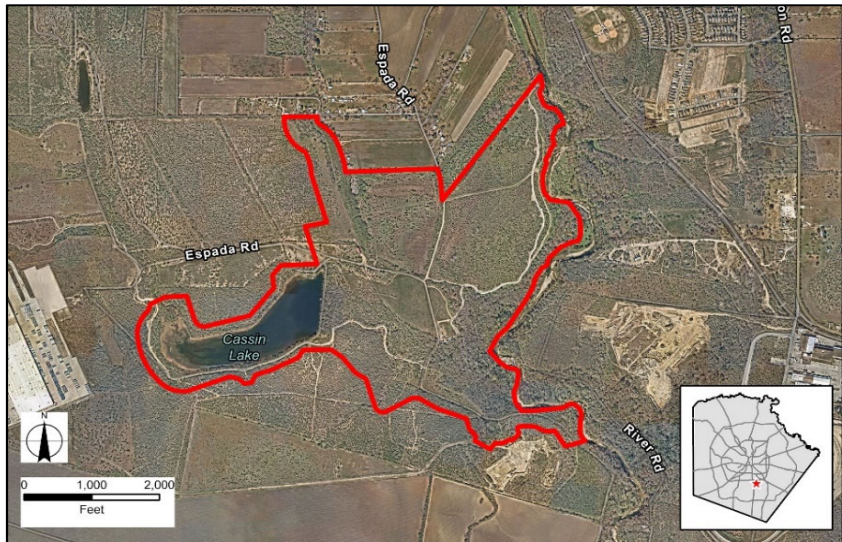
New Funding \$ -
(FY21)

Department Watershed &
Park Operations

Start Date 1/1/2019

End Date 6/30/2022

Goal



Description

The River Authority, in partnership with Texas A&M San Antonio and TJ Maxx, is planning to connect the lower end of the Mission Reach to the City of San Antonio Parks System. The future Espada Park will offer opportunities for park visitors to recreate and increase their awareness and knowledge of the San Antonio River. The location and resources of the Espada Park property offer exciting opportunities to extend recreational and environmental experiences along a historic segment of the San Antonio River. The River Authority envisions an integrated plan with Texas A&M San Antonio to create a destination for learning, experiencing, engaging, enjoying and appreciating the site through a phased development approach.

Future Financial Impact

In FY 2020-21, master planning efforts will begin. Future amenities may include paddling trail and hiking infrastructure, roadways, and other recreational enhancements. Operations and maintenance costs associated with this project are unknown at this time.

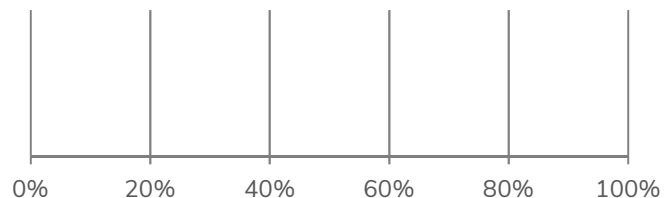
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Design	-	150,000	-	-	150,000
Total	\$ -	\$ 150,000	\$ -	\$ -	\$ 150,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



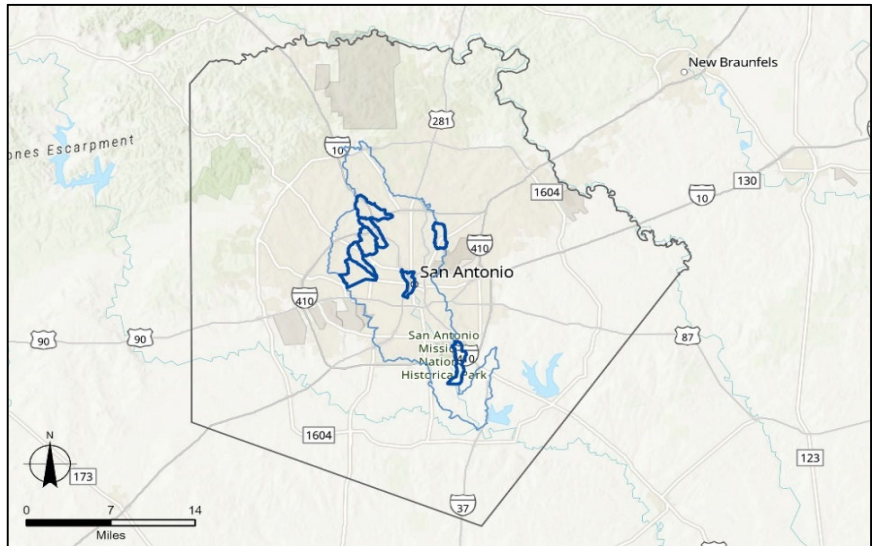
Green Stormwater Infrastructure Master Plan: Upper SAR Watershed

Project# 0601

Adopted Budget \$ 168,534
Unfunded Plan \$ -

New Funding \$ -
(FY21)

Department Environmental
 Sciences
Start Date 8/1/2018
End Date 8/31/2021



Description

This project builds off the Upper San Antonio River Watershed Protection Plan (WPP) by developing a master plan for the use of green stormwater infrastructure (GSI) that incorporates stakeholder input to develop common goals and investment priorities for implementing GSI. Building on the River Authority's watershed scale models, sub-basin areas with high potential pollutant loads will be analyzed for sites that have the highest potential for GSI implementation effectiveness. For the recommended sites, the River Authority will develop site-scale models, concept-level designs, and Triple Bottom Line (social, environmental, economic) cost benefits estimates. The GSI Master Plan will include a recommended schedule of implementation, addressing the stakeholder process, costs, funding considerations, and the overall evaluation and prioritization process.

Future Financial Impact

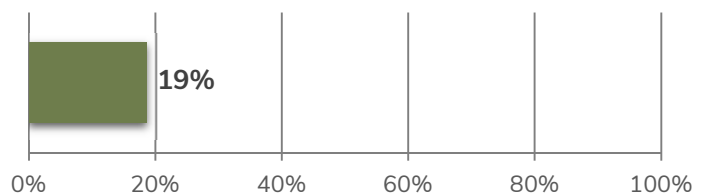
In FY 2020-21, the project will work with the identified stakeholders within the chosen sub-basins. The priority sub-basins will have one site selected for modeling pollutant reduction with GSI. River Authority staff time serves as the grant match for this project.

Spending Plan					
Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Professional Services	31,382	137,152	-	-	168,534
Total	\$ 31,382	\$ 137,152	\$ -	\$ -	\$ 168,534

PROJECT FUNDING SOURCES



PERCENTAGE SPENT

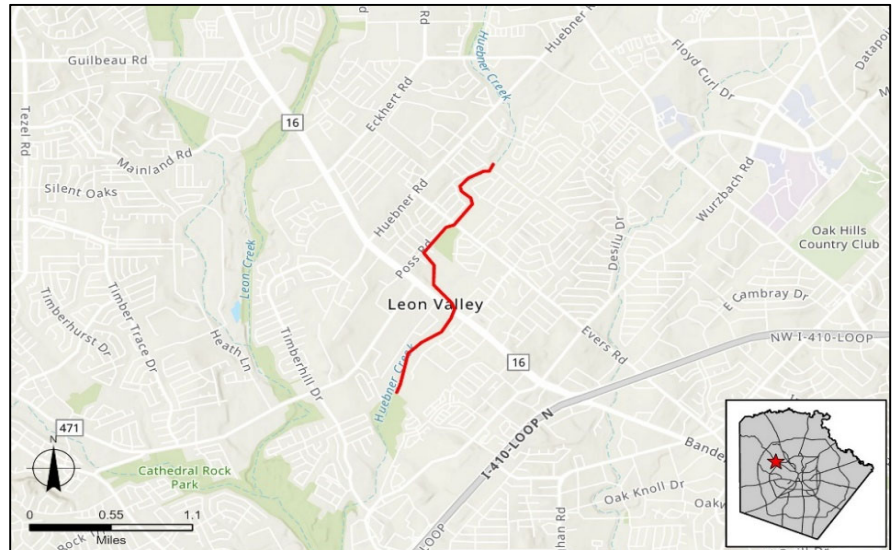


Huebner Creek Flood Remediation & Aquatic Ecosystem Restoration

Project# 0609

Adopted Budget \$ 280,000
 Unfunded Plan \$ -
 New Funding (FY21) \$ -
 Department Watershed Engineering
 Start Date 3/1/2018
 End Date 6/30/2021

Goal



Description

On behalf of the City of Leon Valley, the River Authority is acting as the local sponsor for the project working with the U.S. Army of Corps of Engineers (USACE) to address flooding on Huebner Creek. USACE has updated hydrology and hydraulics models to reflect recent flood control and transportation projects. These models are being used to identify potential projects which will address flooding and develop an economic model of costs and benefits. This project includes potential for ecosystem restoration and/or natural channel design and building and maintaining relationships with the City of Leon Valley, USACE, and other potential partners.

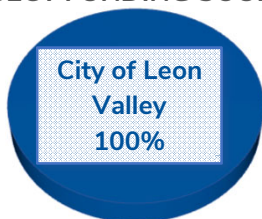
Future Financial Impact

In FY 2020-21, the USACE team will continue their efforts to identify potential projects and develop a cost benefit analysis. The cost model will be used to determine the feasibility of federal investment in a potential project to address the impacts of flooding within the City of Leon Valley.

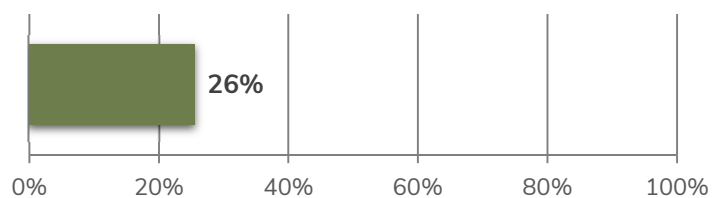
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Feasibility Study	71,450	208,550	-	-	280,000
Total	\$ 71,450	\$ 208,550	\$ -	\$ -	\$ 280,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



Impervious Cover Mitigation

Project# 0564

Adopted Budget \$ 892,950
Unfunded Plan \$ -

New Funding \$ -
(FY21)

Department Environmental
Sciences

Start Date 11/15/2016

End Date 9/30/2021

Goal



Description The River Authority will develop impervious cover mitigation strategies to reduce the negative impacts of future urban growth on the San Antonio watersheds. Through this project the River Authority is addressing the negative impacts of impervious cover and the need to correct these impacts as outlined in the City of San Antonio (CoSA) Comprehensive Plan, Sustainability Plan, and Transportation Plan under the name SA Tomorrow initiative. The River Authority's work will result in technical and economic assessments and mitigation, messaging, and policy recommendations upon which CoSA may base development code and other policy amendments.

Future Financial Impact In FY 2020-21, this project will provide mitigation recommendations and associated triple bottom line analysis to the regional center planning team and CoSA Planning Department.

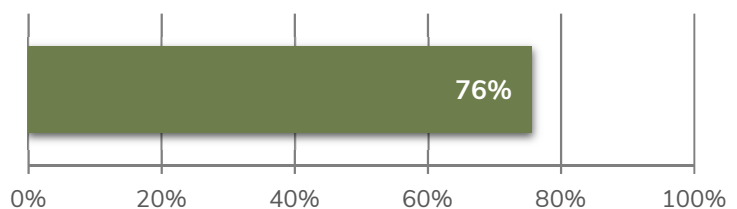
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Contracted Service	676,153	148,473	68,324	-	892,950
Total	\$ 676,153	\$ 148,473	\$ 68,324	\$ -	\$ 892,950

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



Inflow Scenarios for San Antonio Bay Modeling

Project# 0605

Adopted Budget \$ 125,000
Unfunded Plan \$ -

New Funding
(FY21)

Department Environmental
Sciences
Start Date 9/11/2018
End Date 6/30/2020



Description

This project will evaluate potential effects of changes in freshwater flows into the San Antonio Bay on the marsh vegetation, and open bay temperature and salinity. Model runs will allow for analysis of various scenarios of freshwater inflows with variables including water volume, diversion point and bay inflow locations utilizing the Ecologically Dynamic System (EDYS) model developed by Texas Tech. Stakeholder input led to the development of ten inflow scenarios that are being analyzed in groups of 2-4 scenarios. The results of each scenario package, including marsh vegetation response, will inform the next scenarios run. The final report for all ten scenarios is expected in July 2020.

Future Financial Impact

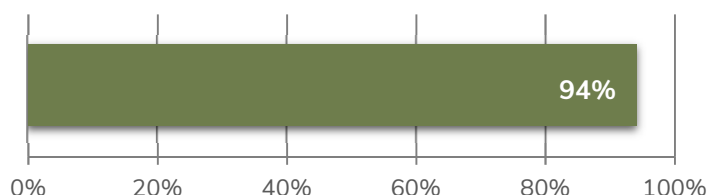
In FY 2020-21, scenario results will be shared with the stakeholder group along with future discussions on potential water acquisitions and subsequent use.

Spending Plan					
Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Professional Services	18,443	7,299	-	-	25,742
Intergovernmental Contracts	99,258	-	-	-	99,258
Total	\$ 117,701	\$ 7,299	\$ -	\$ -	\$ 125,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



Kenedy Operations Center

Project #0623

Adopted Budget \$ 130,000
Unfunded Plan \$ -

New Funding \$ -
(FY21)

Department Watershed & Park Operations
Start Date 9/2/2019
End Date 6/30/2020

Goal



Description

The Escondido Creek Parkway Project is scheduled to be completed in August 2020. At that time, the River Authority will begin operations and maintenance of the park. This project will expand the Kenedy shop and upgrade the office building to house new staff needed for Escondido Creek Parkway. The shop and office building both need to accommodate additional staff, equipment, and materials.

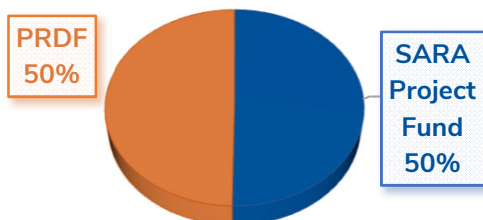
Future Financial Impact

In FY 2019-20, the River Authority worked with contractors to expand and upgrade the Kenedy shop and office building. Three new positions authorized in FY 2019-20 are scheduled to be hired to operate and maintain Escondido Creek Parkway. Operations and maintenance expenditures are included in the FY 2020-21 Adopted Budget.

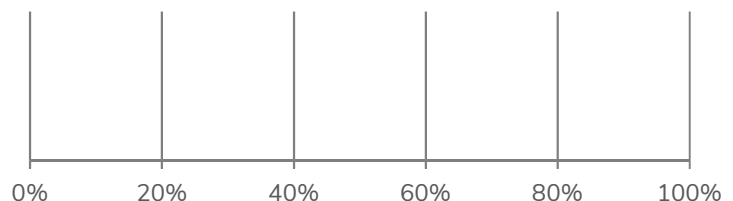
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Contracted Service	-	130,000	-	-	130,000
Total \$	-	\$ 130,000	\$ -	\$ -	\$ 130,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



Laboratory Management Software Replacement

Project # 0537

Adopted Budget \$ 213,525

Unfunded Plan \$ -

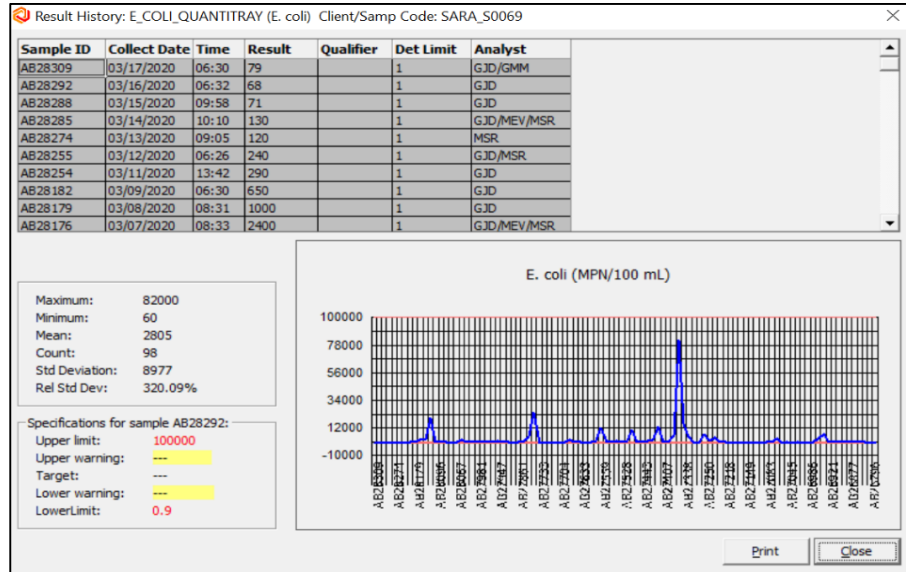
New Funding \$ -
(FY21)

Department Environmental
Sciences

Start Date 7/1/2016

End Date 6/30/2021

Goal



Description The acquisition and implementation of a new Laboratory Information Management System (LIMS) will utilize an advanced modern tool to manage, store, report, retrieve, and integrate data used for decision making. It will facilitate implementation of operational efficiencies that respond to the growing and evolving demands for laboratory testing and data services. The River Authority's Regional Environmental Laboratory utilizes LIMS to electronically capture information for all samples submitted to the laboratory from internal and external customers. This project upgrades the technology and capabilities of the software system. The upgrade benefits the River Authority by maximize resources, streamlining processes, and improving efficiencies in our state of art laboratory.

Future Financial Impact The project will close at the end of FY2020-21. In FY2020-21, the River Authority will be responsible for operations and maintenance including vendor support and licensing fees.

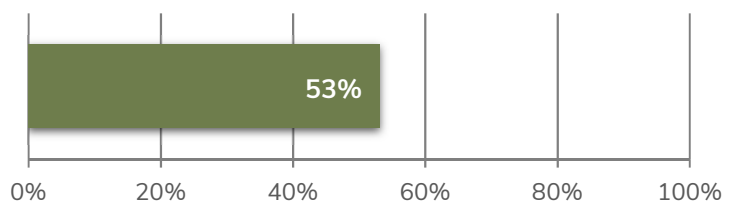
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Other	113,594	99,931	-	-	213,525
Total \$	113,594	\$ 99,931	\$ -	\$ -	\$ 213,525

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



LBJ Park Stream Restoration

Project# 0640

Adopted Budget \$ 350,000
Unfunded Plan \$ -

New Funding \$ -
 (FY21)

Department Watershed
 Engineering
Start Date 10/1/2019
End Date 9/30/2021



Description

This project will develop a preliminary engineering report (PER) to assist in providing the River Authority and the City of San Antonio (CoSA) a clear and concise plan of action to address erosion, bank failure, and channel widening of Tributaries E and F to Salado Creek. The report will provide a basis for a stream restoration project that addresses vulnerabilities to the tributaries themselves and utilities and public infrastructure along the tributaries. This project will improve the resiliency of Salado Creek and provide nature-based amenities for the public.

Future Financial Impact

In FY 2020-21, the River Authority will work with a consultant to develop a PER, which documents survey data, drainage analysis, natural channel design analysis, utility coordination, considerations for environmental permitting, and preliminary geotechnical studies. These costs will be covered by CoSA. Additionally, the River Authority is providing work in kind in the form of project management and administration of up to \$50,000. Upon completion of the PER, a decision will be made on how to restore and reconstruct portions of the stream.

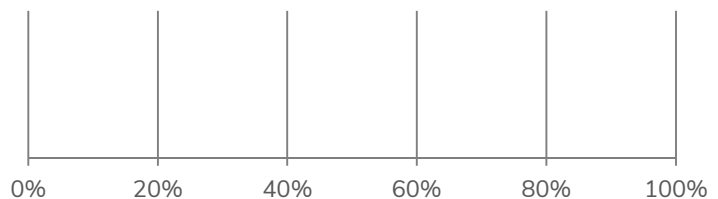
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Professional Services	-	350,000	-	-	350,000
Total	\$ -	\$ 350,000	\$ -	\$ -	\$ 350,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



Lucity Implementation and Asset Management

Project# 0624

Adopted Budget \$ 100,000

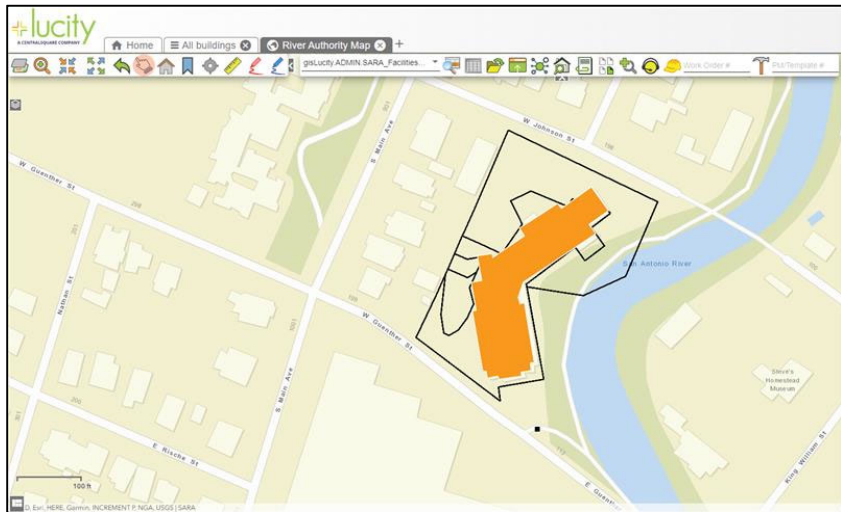
Unfunded Plan \$ -

Proposed Funding \$ -
(FY21)

Department Information
Technology

Start Date 2/20/2019

End Date 6/30/2021



Description

In 2018, the River Authority implemented Lucity as an asset management system to submit requests for service by various departments. The Lucity software offers opportunities for asset management that can integrate preventative maintenance, financial planning, and workflow processes. The project includes reconciliation of the River Authority's asset information between the financial system and the asset management system, implementation of preventative maintenance functionality within Lucity, development and training of staff on how to document work order history, and development of solution to utilize Lucity's Real Estate module, land management and work order needs. By streamlining our practices into one versatile software, we can create ease of use for staff and more efficiently and effectively manage our assets.

Future Financial Impact

In FY2020-21, the River Authority will finalize the implementation of the asset management system and build business processes to improve management of physical resources (fixed assets). The project will close and transition into a department effort at the end of the fiscal year. The River Authority will be responsible for all operation and maintenance including vendor support and licensing fees.

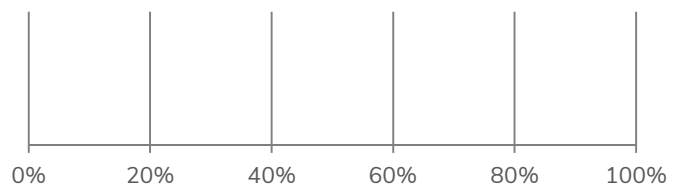
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Contracted Service	-	100,000	-	-	100,000
Total	\$ -	\$ 100,000	\$ -	\$ -	\$ 100,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



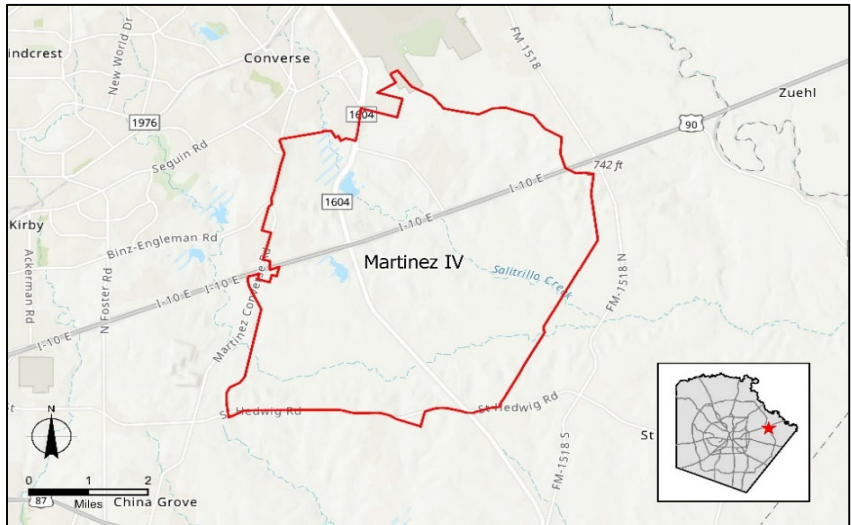
Martinez IV Collection System CIP

Project # 0611

Adopted Budget \$ 2,905,000
 Unfunded Plan \$ -
 New Funding (FY21) \$ -

Department Utilities
 Start Date 7/1/2018
 End Date 6/30/2025

Goal



Description

The Martinez IV Collection System CIP project will begin design on new collection system lines in the Martinez IV service area identified in the Martinez IV Service Area Master Plan completed in FY 2017-18. The plan identifies thirty-three capital improvement projects to develop the service area to ultimate build out. The improvements in the plan were phased by planning year depending on the timing of projected developments. As development in the area occurs staff will work with developers on the design and construction of the collection system. For more information see our website <https://www.sara-tx.org/services/utilities/wastewater-treatment-plants/martinez-iv-wastewater-treatment-plant>.

Future Financial Impact

In FY 2020-21, Project 4 of the Martinez IV Service Area Master Plan will be completed. This project involves the installation of 4,000 linear feet of 24 inch PVC pipe and ten manholes. As development in the area occurs staff will work with developers on the design and construction of the collection system.

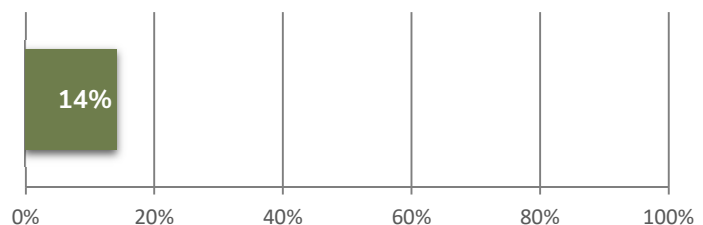
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Labor	31,879	64,466	-	-	96,345
Design	33,996	10,404	-	-	44,400
Construction	340,605	2,322,204	-	-	2,662,810
Contracted Service	3,012	95,791	-	-	98,803
ROW Acquisition	1,316	-	-	-	1,316
Other	1,326	-	-	-	1,326
Total	\$ 412,135	\$ 2,492,866	\$ -	\$ -	\$ 2,905,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



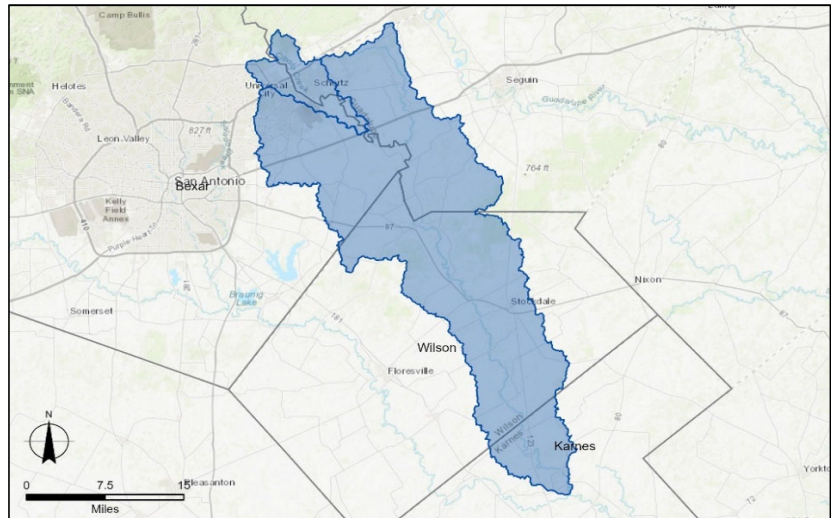
Mid and Lower Cibolo Creek

Project# 0532

Adopted Budget \$ 163,680
Unfunded Plan \$ -
New Funding (FY21) \$ -

Department Environmental
Start Date 7/1/2016
End Date 4/30/2021

Goal



Description

In support of the development and implementation of the Mid and Lower Cibolo Creek Watershed Protection Plan, the River Authority will be coordinating with the Texas Water Resource Institute in the implementation of best management practices to improve water quality in the Mid and Lower Cibolo Creek Watersheds. The River Authority will be collecting stormwater samples at three locations in the Mid and Lower Cibolo Creek Watersheds. River Authority staff will operate and maintain the automated stormwater sample collectors in preparation for stormwater events. The project will allow the River Authority to coordinate with our partners to implement water quality improvements to address bacteria and nutrient loads in the creek. The Adopted Budget represents two Subaward agreements with Texas A&M AgriLife Ext. Service and Texas A&M AgriLife Research. The prior award ended 10/31/18 and the current award will end 4/31/21.

Future Financial Impact

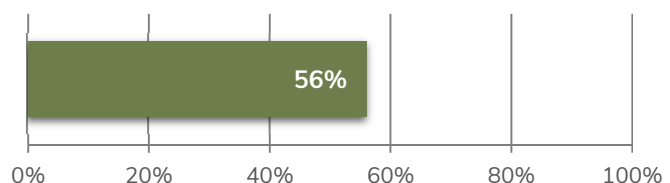
In FY 2020-21, the stormwater samples will be collected. These will contribute water quality data for use in the development and calibration of water quality models. The models will assist in the selection of the most appropriate best management practices to improve water quality.

Spending Plan					
Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Labor	57,096	30,755	-	-	87,851
Laboratory Services	1,265	19,463	-	-	20,728
Professional Services	7,458	14,184	-	-	21,642
Other	25,928	7,531	-	-	33,459
Total	\$ 91,747	\$ 71,933	\$ -	\$ -	\$ 163,680

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



Mission Reach

Project #0136

Adopted Budget \$ 255,536,008

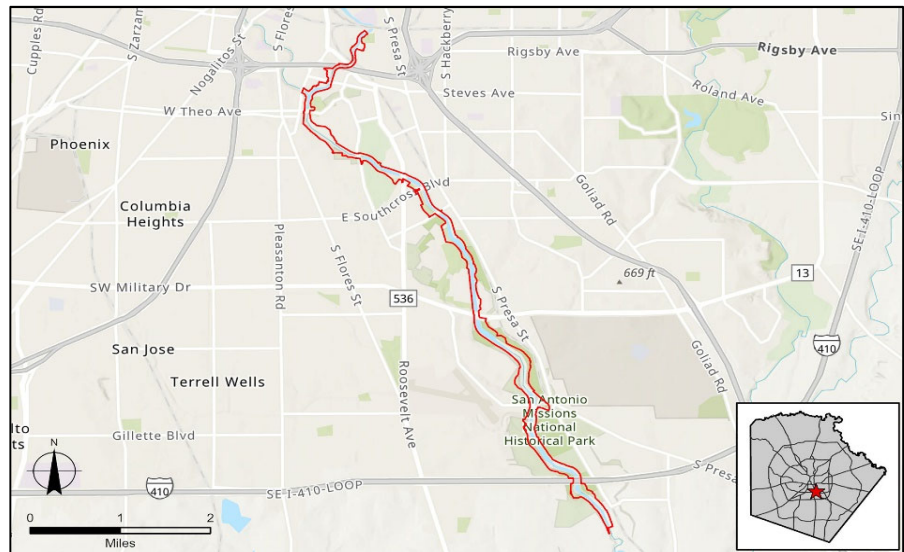
Unfunded Plan \$ -

New Funding \$ -
(FY21)

Department Watershed
Engineering

Start Date 1/1/1998

End Date 12/31/2020



Description

The Mission Reach project is 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 construction was completed in December 2009. Phase 2 construction was completed in May of 2011 with a formal grand opening of Phases 1 and 2 in June 2011. The last portion, Phase 3 construction, was completed in August 2013.

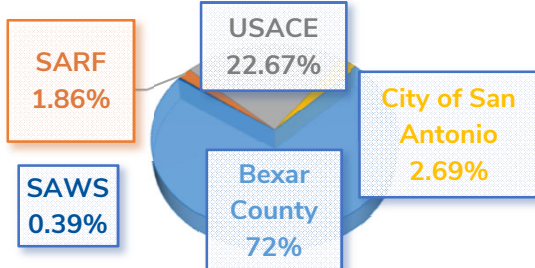
Future Financial Impact

In FY 2020-21, the project team will complete the land exchange with National Park Service and the floodplain map revision. Operations and maintenance costs for this project are included in the FY 2020-21 Adopted Budget.

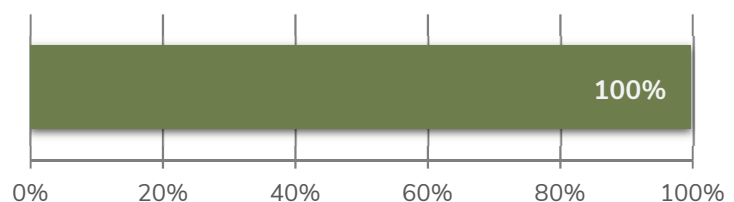
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Pre-Design	2,183,170	-	-	-	2,183,170
Design	28,300,366	-	-	-	28,300,366
Construction	214,128,642	52,121	-	-	214,180,763
ROW Acquisition	10,280,223	591,486	-	-	10,871,709
Total	\$ 254,892,401	\$ 643,607	\$ -	\$ -	\$ 255,536,008

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



Nature Park Signage Development

Project #0501

Adopted Budget \$ 79,453

Unfunded Plan \$ -

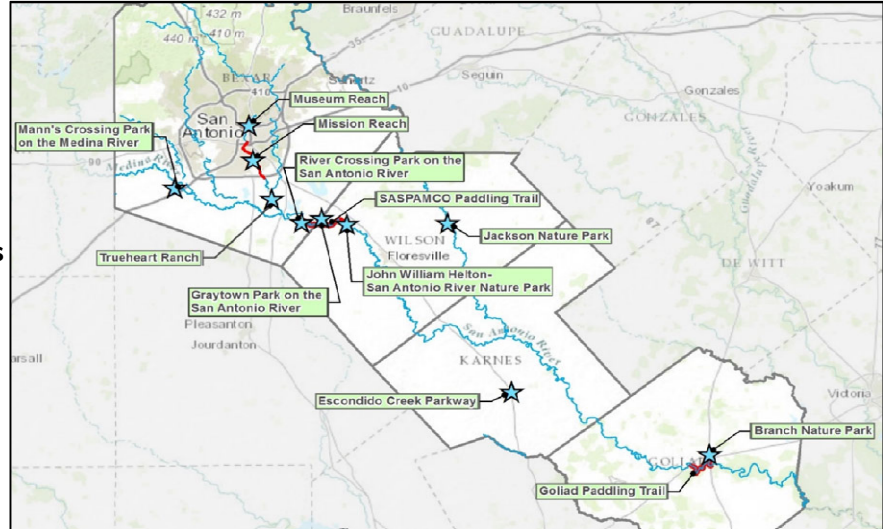
New Funding \$ -
(FY21)

Department Watershed &
Park Operations

Start Date 7/1/2015

End Date 6/30/2020

Goal



Description

This project designs, constructs, and installs holistic signage packages that are consistent among all operating River Authority nature parks and provides templates for future park developments. The project's goal is to enhance visitor enjoyment, understanding and knowledge of the park as well as identifying other park opportunities/locations that the River Authority has to offer. Types of signage includes wayfinding 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 (i.e. El Camino Real National Historic Trail, Texas Inland Paddling Trail).

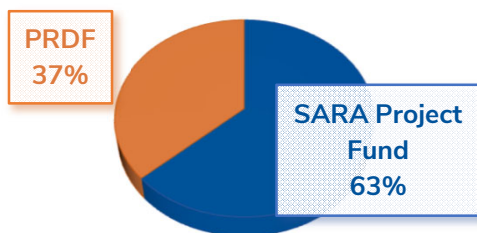
Future Financial Impact

In FY 2017-18, signs were installed at John William Helton San Antonio River Nature Park, Graytown Park on the San Antonio River, Jackson Nature Park, Branch River Park, and the Highway 97 San Antonio River access point. In FY 2018-19, the River Authority purchased and installed the remaining river signage. In FY 2019-20 the final signage package will be installed. Operations and maintenance costs associated with this signage are included in the FY 2020-21 Adopted Budget.

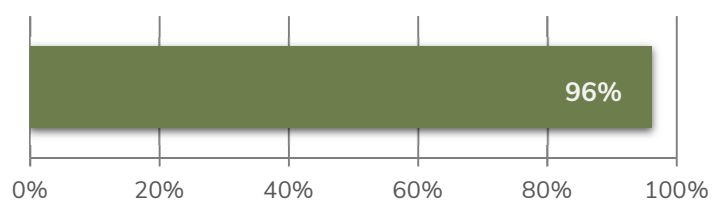
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Equipment	76,453	3,000	-	-	79,453
Total	\$ 76,453	\$ 3,000	\$ -	\$ -	\$ 79,453

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



Nueva Street Marina Dam Replacement

Project #0629

Adopted Budget \$ 78,642
Unfunded Plan \$ -

New Funding \$ -
(FY21)

Department Watershed
Engineering
Start Date 8/21/2019
End Date 3/31/2021



Description

The Nueva Street Marina Dam is a temporary dam for the Nueva Street Marina when Flood Control Gate 5 must be lowered during or in preparation of a flooding event on the San Antonio River Walk. The Nueva Street Marina Dam is a Bridgestone Fabridam, which is no longer being manufactured. The existing gate was installed in the mid-1980s with an expected serviceable life of 30 years. Given the expiration of useful life, the City of San Antonio Center City Development (CCDO) and the River Authority have discussed options to repair the Nueva Marina Dam. This project will provide a detailed analysis of the existing structure and investigate recommended replacements with a Preliminary Engineering Report (PER).

Future Financial Impact

In FY 2020-21 a PER, which can be used to select the best alternative for replacement and assist CCDO with budgeting, will be completed. Upon completion of the PER and funding availability from CCDO, the Nueva Street Marina Dam replacement will be designed and the water-inflated dam will be replaced. The CCDO be responsible for operation and maintenance.

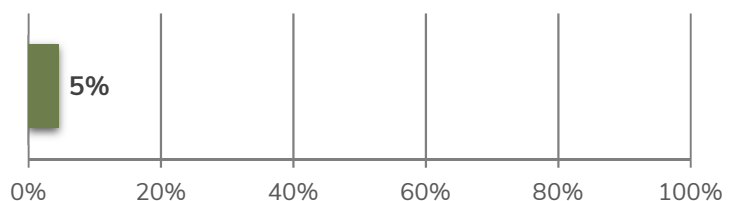
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Labor	3,570	882	-	-	4,452
PER	-	74,190	-	-	74,190
Total \$	\$ 3,570	\$ 75,072	\$ -	\$ -	\$ 78,642

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



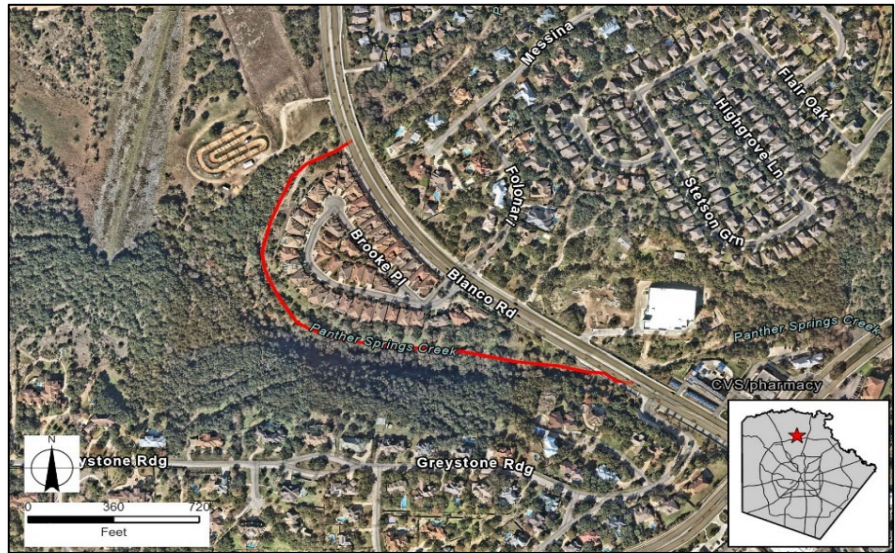
Panther Springs Creek Restoration

Project #0596

Adopted Budget \$ 1,100,000
Unfunded Plan \$ -

New Funding \$ -
(FY21)

Department Watershed Engineering
Start Date 12/13/2017
End Date 9/30/2021



Description

The River Authority, on behalf of the City of San Antonio (CoSA), is overseeing the design and construction of Panther Springs Creek Restoration. The project will modify the existing creek channel and return it to its natural functioning state to alleviate excessive ponding caused by deposition of sediment. Panther Springs Creek is impaired due to past construction activity adjacent to the channel.

Future Financial Impact

In FY 2020-21, design and permitting will be completed. Additionally, construction will begin in late 2020. At project completion, CoSA will be responsible for operation and maintenance.

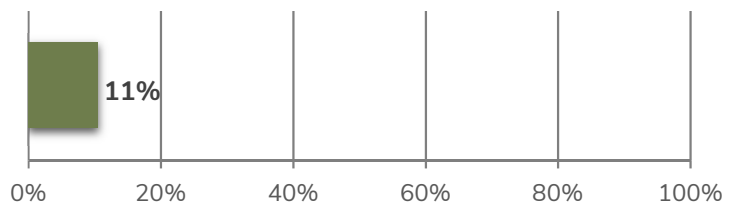
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Labor	39,405	42,845	-	-	82,250
Design	76,309	191,223	-	-	267,532
Construction	-	750,218	-	-	750,218
Total	\$ 115,714	\$ 984,287	\$ -	\$ -	\$ 1,100,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



Predictive Flood Modeling

Project #0602

Adopted Budget \$ 1,850,000

Unfunded Plan \$ -

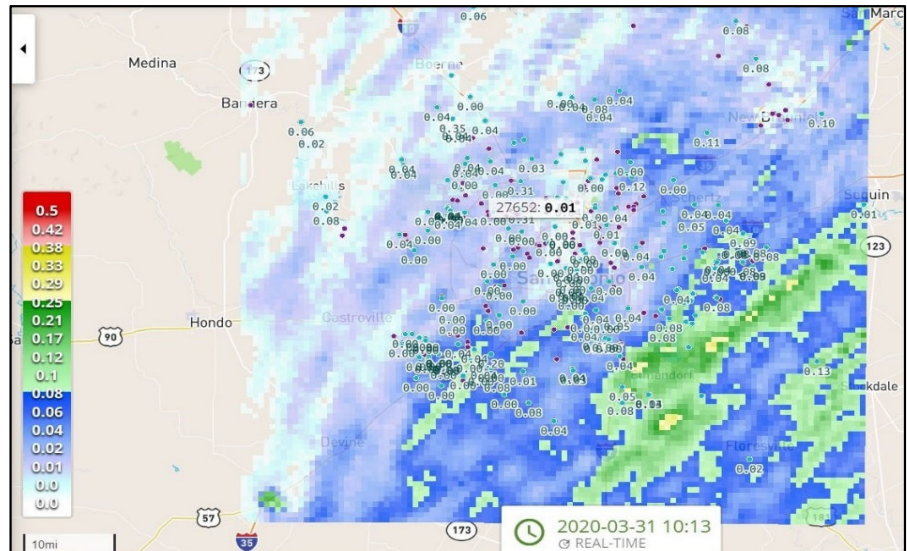
New Funding \$ -
(FY21)

Department Watershed
Engineering

Start Date 9/3/2018

End Date 6/30/2022

Goal



Description

The project will convert the FloodWorks flood modeling platform to a new modeling platform that advances the prediction technology. Benefits of this project improve service efficiencies and the expertise that sets us apart from other organizations. The project is developing a predictive flood modeling system for Bexar County to provide important situational awareness during emergency response operators. River authority staff are coordinating efforts for this project in cooperation with Bexar County and City of San Antonio staff as well as other key stakeholders.

Future Financial Impact

In FY 2020-21 the project is going to bring Upper San Antonio River, Leon Creek, and Salado Creek online and operational in the new format. Feedback from the stakeholder group will be key for ensuring usability and adoption of the system.

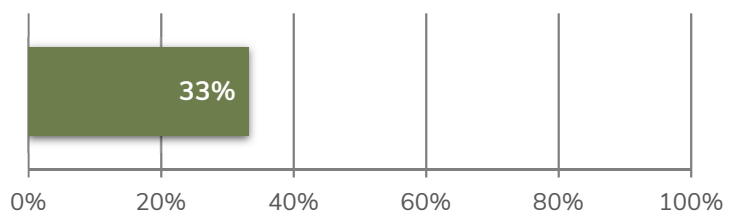
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Contracted Services	614,923	955,077	280,000	-	1,850,000
Total	\$ 614,923	\$ 955,077	\$ 280,000	\$ -	\$ 1,850,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



River Road Stream Restoration

Project #0530

Adopted Budget \$ 770,371

Unfunded Plan \$ -

New Funding \$ -
(FY21)

Department Watershed
Engineering

Start Date 6/15/2013

End Date 12/20/2021

Goal



Description

The River Authority is working with the United States Army Corps of Engineers (USACE) to determine the feasibility of a project to restore the aquatic ecosystem of the San Antonio River from Mulberry Ave to Highway 281 using natural channel design techniques. The feasibility study will provide the basis for advocating for future federal funding of a restoration project. The River Authority will facilitate public meetings to introduce the project and gather local stakeholder input. A potential restoration project will address erosion and bank stability of the San Antonio River, re-establishing native habitat, and creating park amenities. This will improve the resiliency of the San Antonio River ecosystem and create an enhanced park patron experience.

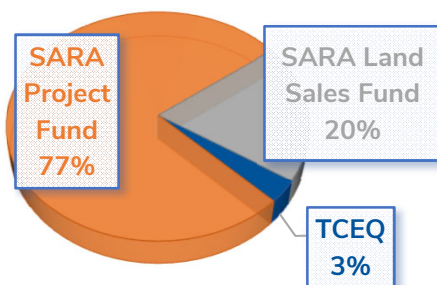
Future Financial Impact

In FY 2020-21, the feasibility study will continue. The feasibility study will establish the basis for funding of restoration activities.

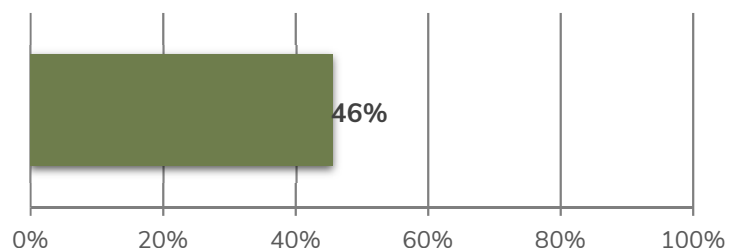
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Design	348,798	401,490	-	-	750,288
Public Outreach	2,711	17,372	-	-	20,083
Total	\$ 351,509	\$ 418,862	\$ -	\$ -	\$ 770,371

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



Salitrillo and Martinez Sewershed Models

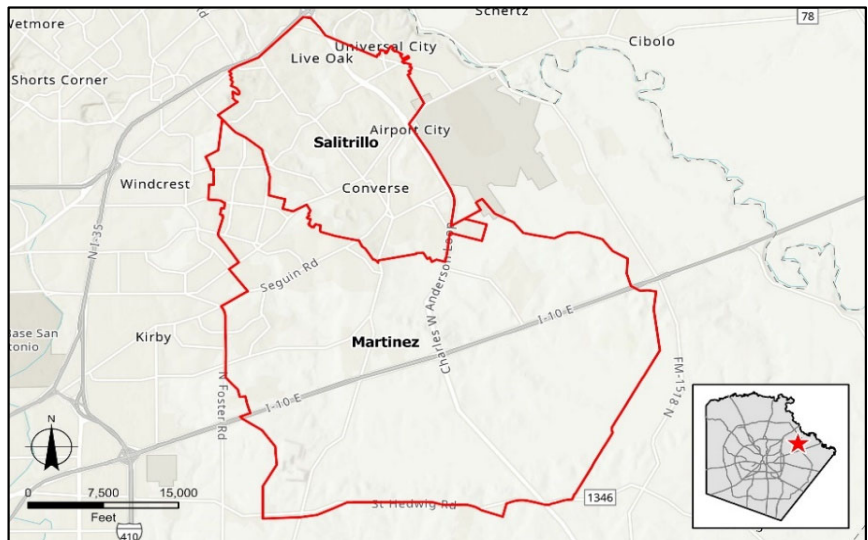
Project # 0535

Adopted Budget \$ 1,218,137
Unfunded Plan \$ -

New Funding \$ -
(FY21)

Department Utilities
Start Date 7/1/2016
End Date 6/30/2021

Goal



Description

This project develops comprehensive and dynamic sewershed system models for the Salitrillo and Martinez Wastewater Treatment Plants (WWTP). These models help to quantify available system capacity and identify inefficiencies that require attention. Twenty-year projected growth demands will be simulated for the WWTPs and collection systems to identify future infrastructure improvements that will be required to meet wastewater flow projections. These proposed models will provide a scientific method for keeping check on the capacity of the collection system and wastewater treatment plants to meet future needs.

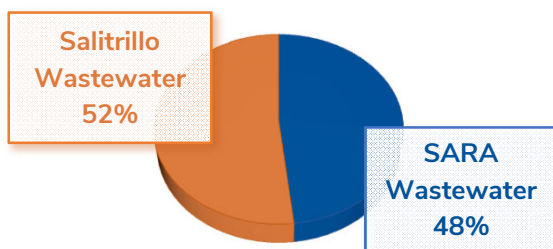
Future Financial Impact

This project will close at the end of FY 2020-21. In FY 2020-21, the new deliverables will be met under the new Capacity Management Operations and Maintenance (CMOM) Project. This project will not require any future operations and maintenance expenditures.

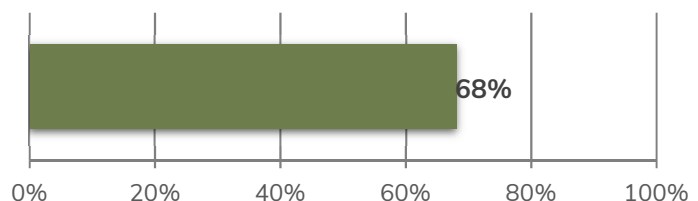
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Labor	72,876	68,587	-	-	141,463
Contracted Service	756,779	319,895	-	-	1,076,674
Total	\$ 829,654	\$ 388,483	\$ -	\$ -	\$ 1,218,137

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



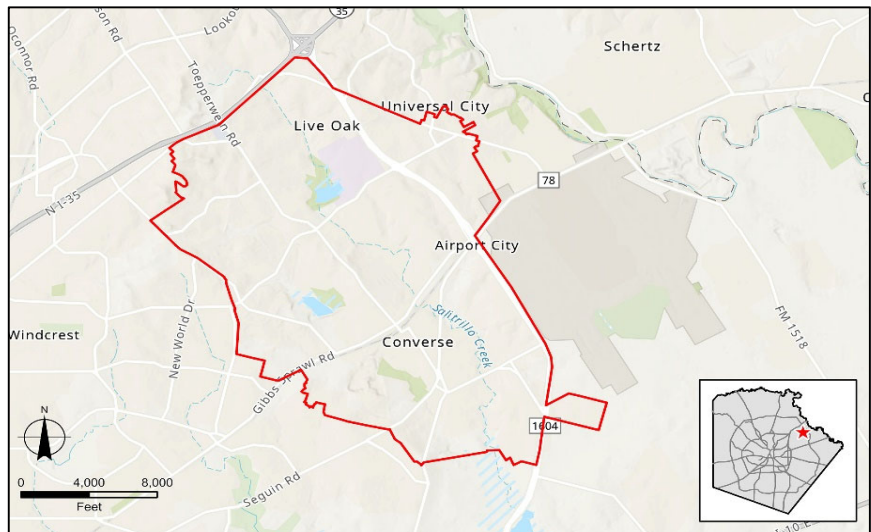
Salitrillo Collection Wholesale System Inflow and Infiltration

Project # 0314

Adopted Budget \$ 1,824,411
Unfunded Plan \$ -

New Funding \$ -
(FY21)

Department Utility
Start Date 5/4/2011
End Date 6/30/2020



Description

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 Salitrillo Wastewater System. Reducing I&I, which is water that enters into the collection system through leaks in the pipes and manholes, reduces flow into the treatment plant. The flow into the plant determines when additional plant capacity is required. Excess flow attributed to I&I also increases operating costs, can put more stress on the wastewater treatment plant, and can result in sanitary sewer overflows. I&I projects are prioritized by a rating system and repair defective manholes and lines. Repairs throughout the system have occurred over a nine-year period.

Future Financial Impact

In FY 2019-20, staff worked with contractors to rehab defective lines and manholes. Moving forward this project will close and collection system improvements will occur under a new Capacity Management Operations and Maintenance (CMOM) Project.

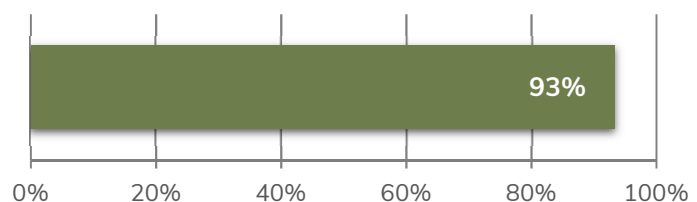
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Construction	1,702,087	122,324	-	-	1,824,411
Total	\$ 1,702,087	\$ 122,324	\$ -	\$ -	\$ 1,824,411

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



Salitrillo Wastewater Treatment Plant Expansion and Improvements

Project # 0612

Adopted Budget \$ 29,165,000
Unfunded Plan \$ -

New Funding \$ -
 (FY21)

Department Utility
Start Date 7/28/2018
End Date 7/31/2022

Goal



Description

The Salitrillo Wastewater Treatment Plant (WWTP) Expansion and Improvements project will expand the current WWTP from a permitted daily average flow of 5.83 million gallons per day (MGD) to 7.33 MGD. This expansion will accommodate development and growth in the Salitrillo Service Area and addresses plant wet weather peaking challenges. Additionally, several items from the Capital Improvements and Replacement and Repair Plans will be included.

Future Financial Impact

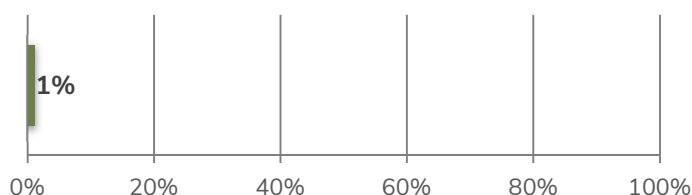
In FY 2020-21, the project will be awarded to the selected design-builder and they will begin the design and construction process. This project allows for the River Authority to stay up to date with growing demand and continue to offer excellent customer service. No additional operation and maintenance needs will be needed until construction is complete in future fiscal years.

Spending Plan					
Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Labor	30,333	205,171	-	-	235,503
Design & Construction	-	12,000,000	13,450,000	-	25,450,000
Contracted Service	295,469	3,182,732	-	-	3,478,201
Other	1,296	-	-	-	1,296
Total	\$ 327,098	\$ 15,387,902	\$ 13,450,000	\$ -	\$ 29,165,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



San Pedro Creek Operations Center

Project #0625

Adopted Budget \$ 1,435,957

Unfunded Plan \$ -

New Funding \$ -
(FY21)

Department Watershed
Engineering

Start Date 7/1/2017

End Date 3/31/2021



Goal



Description

The future San Pedro Creek Operations and Maintenance Facility will allow Watershed and Park Operations (WPO) staff to more effectively and efficiently maintain San Pedro Creek Culture Park. The location will allow staff to quickly access all parts of San Pedro Creek Culture Park and provide space to conduct repairs and store equipment and supplies.

Future Financial Impact

In FY 2020-21, construction of the San Pedro Creek Operations and Maintenance Facility will be completed. Operations and maintenance for the facility will be the Responsibility of the River Authority, however these costs are unknown at this time.

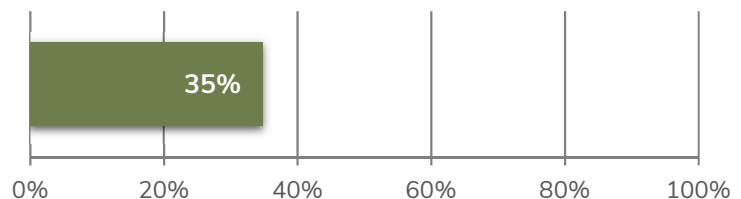
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Building	-	935,689	-	-	935,689
Contracted Service	100,451	-	-	-	100,451
ROW Acquisition	399,817	-	-	-	399,817
Total	\$ 500,268	\$ 935,689	\$ -	\$ -	\$ 1,435,957

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



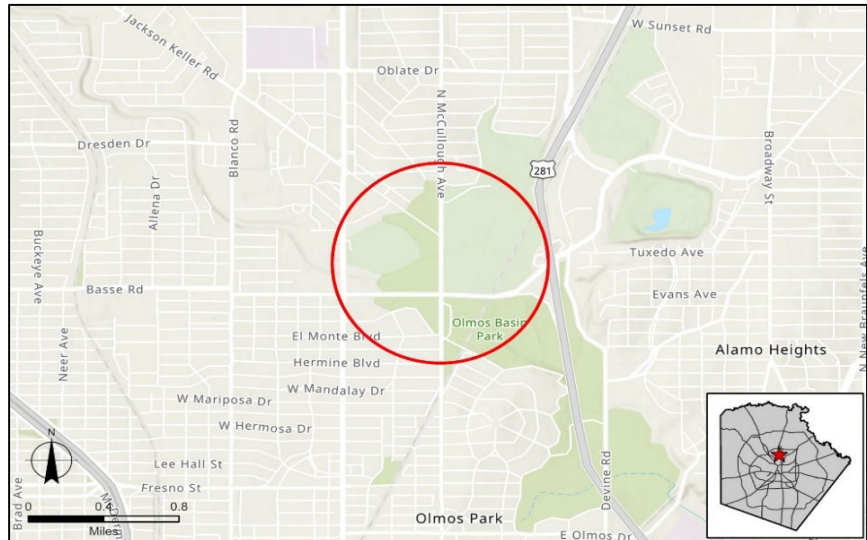
Trash and Floatables Mitigation - Olmos Creek

Project #0554

Adopted Budget \$ 371,740
 Unfunded Plan \$ -
 New Funding \$ -
 (FY21)

Department Watershed Engineering
 Start Date 7/1/2016
 End Date 12/31/2021

Goal



Description

This project builds on recent trash and floatable studies within the San Antonio River Basin and results in the implementation of in-stream trash collection systems. Trash and floatables adversely impact aquatic and riparian habitats, impede recreational use of local parks and waterways, are unsightly, and require extensive labor by local government agencies and community volunteers to remove by hand. Through centralizing the collection of trash carried by stormwater runoff, this project addresses a large threat to our creeks and rivers. The River Authority is funding design and construction of the trash collection system and will turn operation and maintenance over to the City Of San Antonio (CoSA) upon completion.

Future Financial Impact

In FY 2020-21, the River Authority will continue to analyze the long-term effectiveness of potential locations for the trash collection system. Additionally, the River Authority will complete all design activities, construct the system, and enter into a maintenance agreement with CoSA and train their staff.

Spending Plan					
Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Design	67,049	48,691	-	-	115,740
Construction	-	256,000	-	-	256,000
Total	\$ 67,049	\$ 304,691	\$ -	\$ -	\$ 371,740

PROJECT FUNDING SOURCES 	PERCENTAGE SPENT
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Tributary Modeling

Project #0074

Adopted Budget \$ 501,914

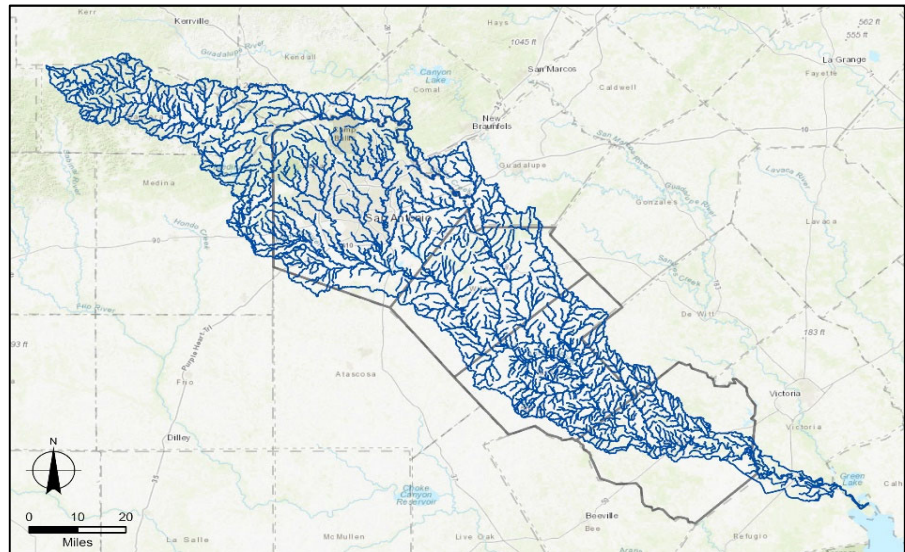
Unfunded Plan \$ -

New Funding \$ -
(FY21)

Department Watershed
Engineering

Start Date 3/18/2008

End Date 9/30/2020



Description

The Tributary Modeling project focuses on flood risk identification and assessment activities within the Medina watershed which are being used as grant leverage for Cooperating Technical Partner (CTP) – FY17 Medina Phase II Risk MAP project (0597). These activities include floodplain mapping, report generation, and producing a database of streams studied. The objective is to develop and support flood hazard data and program-related tasks through completing technical risk analysis and mapping activities within the watersheds. Tools developed will provide communities with flood information they can use to make informed decisions about reducing flood risk.

Future Financial Impact

In FY 2020-21, the Tributary Modeling project will complete preparation of floodplain mapping and development of flood risk products. Coordination of activities will be managed by River Authority staff and technical task completed by professional services. These updated flood maps are based on the latest rainfall intensity data associated with the National Oceanic and Atmospheric Administration release of Atlas 14.

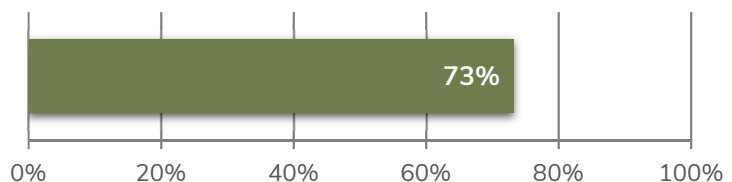
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Professional Services	367,369	134,545	-	-	501,914
Total	\$ 367,369	\$ 134,545	\$ -	\$ -	\$ 501,914

PROJECT FUNDING SOURCES



PERCENTAGE SPENT

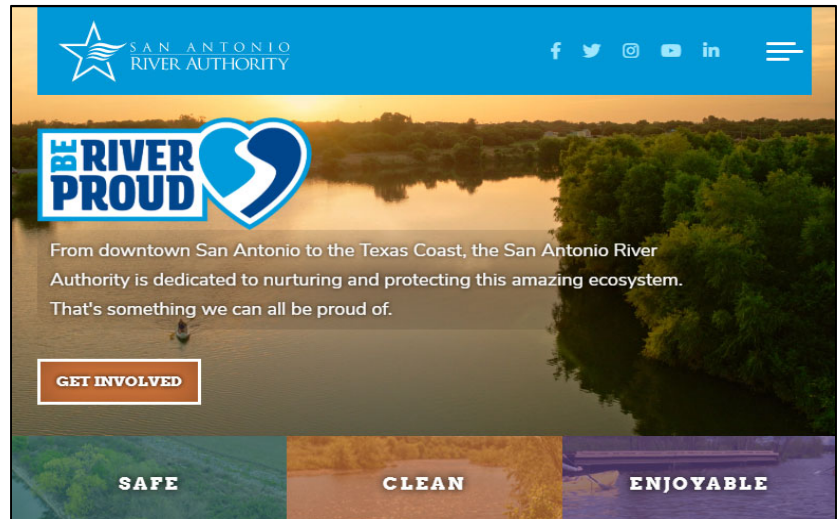


Watershed Wise River Discovery

Project# 0553

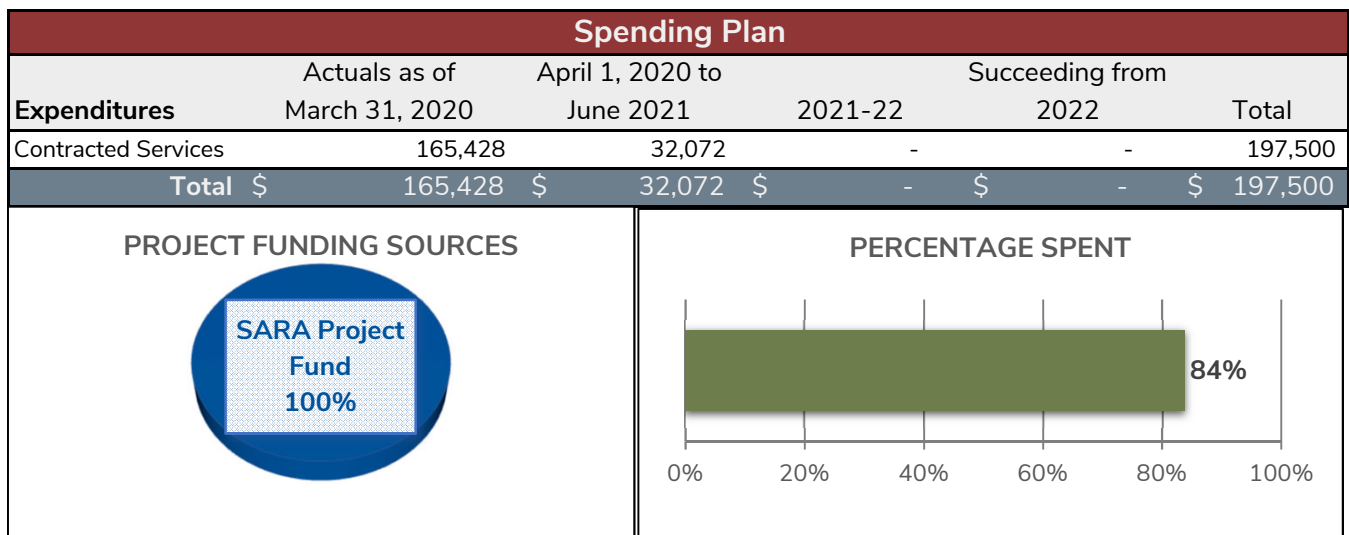
Adopted Budget \$ 197,500
 Unfunded Plan \$ -
 New Funding \$ -
 (FY21)

Department Intergovernmental & Community Relations
 Start Date 6/27/2016
 End Date 6/30/2020



Description This project is a multi-faceted outreach and educational project that collects data and information to present through the River Authority's website, www.sara-tx.org. Improvements to the website include citizen-relevant information, GIS based recreation information, digital media with interactive components, integration that encourages exploration and discovery, and increased public awareness of the River Authority. The updated website allows the River Authority to reach a wide audience to build awareness and advocacy for safe, clean, and enjoyable creeks and rivers.

Future Financial Impact In FY 2019-20, the new website launched. The project will close at the end of the fiscal year. In FY 2020-21, the River Authority will be responsible for operations and maintenance including vendor support and licensing fees.



Watershed Wise School Grants

Project #0474

Adopted Budget \$ 175,000

Unfunded Plan \$ -

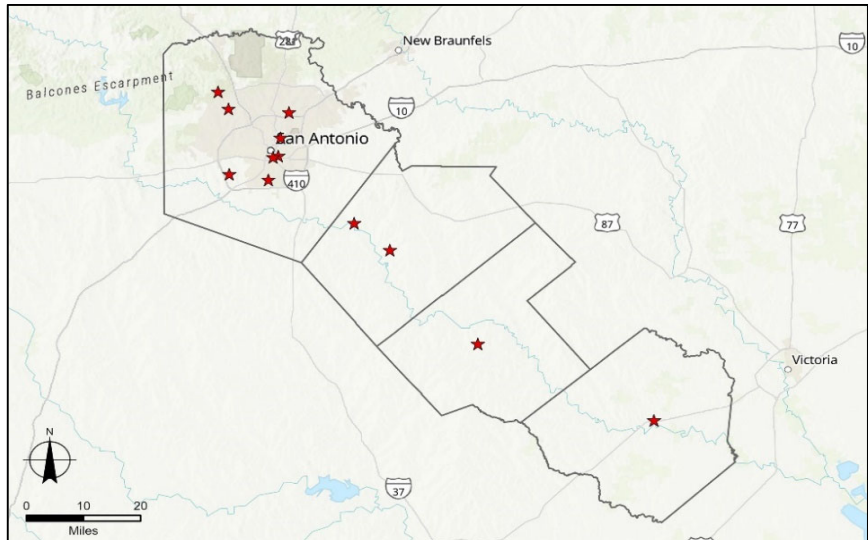
New Funding \$ -
(FY21)

Department Environmental
Sciences

Start Date 7/1/2015

End Date 6/30/2020

Goal



Description

This project provides an educational demonstration of watershed solutions with an emphasis on managing stormwater quality to enhance local creeks and rivers. Up to \$22,000 has been provided to each recipient school, all within the four counties served by the River Authority, to design and build eligible green stormwater infrastructure (GSI).

Future Financial Impact

In FY 2018-19, previously awarded school grants will close out upon project completion and future school applicants will apply for funding under the Watershed Wise Rebate Program. The project will close at the end of FY 2019-20. The awarded schools are responsible for operation and maintenance of the installed GSI.

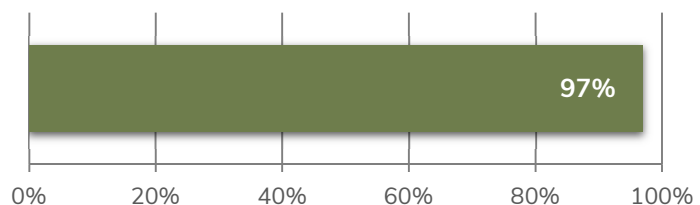
Spending Plan

Expenditures	Actuals as of March 31, 2020	April 1, 2020 to June 2021	2021-22	Succeeding from 2022	Total
Professional Services	169,748	5,252	-	-	175,000
Total	\$ 169,748	\$ 5,252	\$ -	\$ -	\$ 175,000

PROJECT FUNDING SOURCES



PERCENTAGE SPENT



APPENDIX



Mission Reach
San Antonio, Bexar County



June 8, 2020

To: San Antonio River Authority Board of Directors

From: Rick Trefzer

RE: Recommended Changes to the FY 2020-21 Budget

The Fiscal Year 2020-21 (FY21) Proposed Budget, as submitted to the Board of Directors on May 20, 2020, has been adjusted to reflect information received or identified since the original presentation. Staff recommends adopting the Proposed Budget including the changes described below.

1. City of San Antonio Capital Improvements Project Fund

The Proposed Budget has been revised to include an increase to the appropriation of \$2,915 for the River Walk Arts Project. This revision is supported by Amendment No.1 to Task Order 4 of an agreement between the River Authority and the City of San Antonio.

Additionally, the funding for Lakewood Acres and the associated fund balance was held within the incorrect Fund. Appropriations in the amount of \$32,342 has been moved from the City of San Antonio Capital Improvements Project Fund to the Bexar County Capital Projects Fund. Previous fiscal years have adopted \$27,817 for the land acquisition and \$4,525 held in a Reserve for Projects balance within the Bexar County's San Antonio Capital Improvement Project (SACIP) Fund. Staff has proposed that this balance be transferred to consolidate Bexar County Funds managed by the River Authority. (see item #4 for additional information)

The revised Fund summary sheet for the City of San Antonio Capital Improvements Project Fund is below.

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2. Bexar County San Antonio River Improvements Flood Tax Fund

The Proposed Budget has been revised to reflect the available authorized amount needed for final close out of the Mission Reach Project, through coordination with Bexar County. The Proposed remaining available funds budget of \$140,347 has been redirected from the River Road Project and Mission Reach Reimbursement amount has been reduced by \$214,642 to support the National Park Service (NPS) land exchange between NPS and the River Authority.

The revised Fund summary sheet for the Bexar County San Antonio River Improvements Flood Tax Fund is below.

3. Other Capital Projects Fund

The Proposed Budget has been revised to include an additional appropriation of \$7,500 for the Brooks City Base – Mission Reach Linkage Project. This revision is supported by Task Order 5 of an agreement between the River Authority and Brooks Development Authority (BDA).

The revised Fund summary sheet for the Other Capital Projects Fund is below.

4. Bexar County Capital Projects Fund

The Proposed Budget has been revised to include appropriations of \$32,342 for activity associated with Lakewood Acres outlined in item #1. This activity was previously budgeted in the San Antonio Capital Improvements Project (SACIP) 1999 Fund (53). This fund accounted for improvements on the San Antonio River, other watersheds and the Cibolo Creek Floodplain Buyout as authorized in the 1999 amendatory contract with Bexar County.

The revised Fund summary sheet for the Bexar County Capital Projects Fund is below.

5. City of San Antonio Westside Creeks Restoration Project Fund

The Proposed Budget has been revised to include an additional appropriation of \$250,000 for the San Pedro Creek Culture Park. This revision is supported by Amendment No. 2 of an agreement between the River Authority and the City of San Antonio.

The revised Fund summary sheet for the City of San Antonio Westside Creeks Restoration Project Fund is below.

6. Insurance Fund

The Proposed Budget has been revised to include an additional appropriation of \$312,281 for the Insurance Fund. Staff learned of a revenue that offset Fund expenditures estimated FY20 after the Proposed Budget was presented, which resulted in an increase to beginning balance for FY21.

The revised Fund summary sheet for the Insurance Fund is below.

San Antonio River Authority
City of San Antonio Capital Improvements Project Fund
Fiscal Year Ending June 30, 2021

Fund: 11

APPROPRIATIONS	FY 2018/19 Actual	FY 2019/20 Amended Budget	FY 2019/20 Activity As of	Remaining Available Funds
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Beginning Balance

Restricted Balance - Construction	\$ 171,139	\$ 372,249	\$ 203,811	\$ 88,417
Total Beginning Balance	\$ 171,139	\$ 372,249	\$ 203,811	\$ 88,417

Revenue

Intergovernmental Revenue	\$ 1,417,278	\$ 5,398,988	\$ 652,905	\$ 2,792,483
Investment Income	-	-	-	-
Transfer	-	-	-	-
Total Revenue	1,417,278	5,398,988	652,905	2,792,483
TOTAL AVAILABLE FUNDS	\$ 1,588,417	\$ 5,771,237	\$ 856,716	\$ 2,880,900

APPROPRIATIONS

Projects

Broadway Underpass	\$ -	\$ 1,500,000	\$ -	\$ -
Concepcion Creek Outfall Repair	1,240,221	720,572	31,430	296,406
Edwards Aquifer Protection	45,862	267,542	37,933	221,136
Flood Gate 4 Replacement	392	-	-	-
LBJ Park Stream Restoration	-	350,000	-	350,000
Nueva Street Marina Dam Replacement	-	78,642	3,570	75,072
River Walk Public Art	58,395	1,626,910	620,521	953,999
Panther Springs Creek Restoration	39,737	1,092,895	74,846	984,286

Total Project Expenditures	\$ 1,384,606	\$ 5,636,561	\$ 768,299	\$ 2,880,900
Restricted Balance - Construction	203,811	134,676	88,417	-
TOTAL APPROPRIATIONS	\$ 1,588,417	\$ 5,771,237	\$ 856,716	\$ 2,880,900

San Antonio River Authority
Bexar County San Antonio River Improvements Flood Tax Fund
Fiscal Year Ending June 30, 2021

Fund: 51

	FY 2018/19 Actual	FY 2019/20 Amended Budget	FY 2019/20 Activity As of 03/31/2020	Remaining Available Funds
APPROPRIATIONS				

Beginning Balance

Restricted Balance - Construction	\$ 7,751	\$ 140,331	\$ 31,954	\$ 37,701
Total Beginning Balance	\$ 7,751	\$ 140,331	\$ 31,954	\$ 37,701

Revenue

Investment Income	\$ 22,528	\$ 20,000	\$ 5,747	\$ 3,000
Intergovernmental Revenue	19,138,160	26,731,072	61,468	26,419,612
Transfers		-	-	-
Total Revenue	19,160,688	26,751,072	67,215	26,422,612
TOTAL AVAILABLE FUNDS	\$ 19,168,439	\$ 26,891,403	\$ 99,169	\$ 26,460,312

APPROPRIATIONS

Projects

Mission Reach	\$ 35,513	\$ 719,809	\$ 61,468	\$ 643,607
Bexar County Reimbursement	19,100,972	26,031,247	-	25,816,705
River Road Stream Restoration		140,347	-	-

Total Project Expenditures	\$ 19,136,485	\$ 26,891,403	\$ 61,468	\$ 26,460,312
Restricted Balance - Construction	31,954	-	37,701	-
TOTAL APPROPRIATIONS	\$ 19,168,439	\$ 26,891,403	\$ 99,169	\$ 26,460,312

San Antonio River Authority
Other Capital Projects Fund
Fiscal Year Ending June 30, 2021

Fund: 57

	FY 2018/19 Actual	FY 2019/20 Amended Budget	FY 2019/20 Activity As of 03/31/2020	Remaining Available Funds
APPROPRIATIONS				

Beginning Balance

Restricted Balance - Construction	\$ 3,305	\$ 302,940	\$ 211,856	\$ 211,856
<i>Total Beginning Balance</i>	\$ 3,305	\$ 302,940	\$ 211,856	\$ 211,856

Revenue

Investment Income	\$ -	\$ -	\$ -	\$ -
Intergovernmental Revenue	3,213,271	5,591,300	1,017,491	9,664,023
Miscellaneous	2,178	-	-	-
<i>Total Revenues</i>	3,215,449	5,591,300	1,017,491	9,664,023
TOTAL AVAILABLE FUNDS	\$ 3,218,754	\$ 5,894,240	\$ 1,229,347	\$ 9,875,879

APPROPRIATIONS

Projects

Brooks City Base - Mission Reach Linkage	\$ 18,847	\$ 1,544,186	\$ 20,904	\$ 1,517,625
Huebner Creek	71,450	208,550	-	208,550
Westside Creeks - San Pedro Creek	2,916,601	4,141,504	996,586	8,149,704

Total Project Expenditures	\$ 3,006,898	\$ 5,894,240	\$ 1,017,491	\$ 9,875,879
Restricted Balance - Construction	211,856	-	211,856	-
TOTAL APPROPRIATIONS	\$ 3,218,754	\$ 5,894,240	\$ 1,229,347	\$ 9,875,879

San Antonio River Authority
Bexar County Capital Projects Fund
Fiscal Year Ending June 30, 2021

Fund: 59

	FY 2018/19 Actual	FY 2019/20 Amended Budget	FY 2019/20 Activity As of 03/31/2020	Remaining Available Funds
APPROPRIATIONS				

Beginning Balance

Restricted Balance - Construction	\$ 46,750	54,536	\$ 54,536	\$ 54,536
Total Beginning Balance	\$ 46,750	\$ 54,536	\$ 54,536	\$ 54,536

Revenue

Investment Income	\$ -	\$ -	\$ -	\$ -
Intergovernmental Revenue	305,058	365,031	-	342,837
Miscellaneous	-	-	-	-
Total Revenue	305,058	365,031	-	342,837
TOTAL AVAILABLE FUNDS	\$ 351,808	\$ 419,567	\$ 54,536	\$ 397,373

APPROPRIATIONS

Projects

Binz Engleman, Martinez, Escondido Dam Rehabilitations (previously Martinez 1, 2, 3)	\$ 33,272	\$ 33,272	\$ -	\$ -
Lakewood Acres	-	27,817	-	27,817
Mission Reach Erosion Repairs	264,000	365,031	-	365,031

Total Project Expenditures	\$ 297,272	\$ 426,120	\$ -	\$ 392,848
Restricted Balance - Construction	54,536	(6,553)	54,536	4,525
TOTAL APPROPRIATIONS	\$ 351,808	\$ 419,567	\$ 54,536	\$ 397,373

San Antonio River Authority
City of San Antonio Westside Creeks Restoration Project Fund
Fiscal Year Ending June 30, 2021

Fund: 61

	FY 2018/19 Actual	FY 2019/20 Amended Budget	FY 2019/20 Activity As of 03/31/2020	Remaining Available Funds
APPROPRIATIONS				

Beginning Balance

Restricted Balance - Construction	\$ 10,874	\$ 133,163	\$ (38,408)	\$ 19,703
Total Beginning Balance	\$ 10,874	\$ 133,163	\$ (38,408)	\$ 19,703

Revenue

Investment Income	\$ -	\$ -	\$ 1,554	\$ -
Intergovernmental Revenue	12,931,999	28,233,234	5,100,271	19,669,960
Transfers	-	-	-	-
Total Revenues	12,931,999	28,233,234	5,101,825	19,669,960
TOTAL AVAILABLE FUNDS	\$12,942,873	\$ 28,366,397	\$ 5,063,417	\$ 19,689,663

APPROPRIATIONS

Projects

Westside Creeks - Linear Creekways and Elmendorf Lake Park	\$ 3,356,375	\$ 13,894,774	\$ 864,728	\$ 10,985,805
Westside Creeks - San Pedro Creek	9,624,906	14,471,623	4,178,986	8,703,858

Total Project Expenditures	\$12,981,280	\$ 28,366,397	\$ 5,043,714	\$ 19,689,663
Restricted Balance - Construction	(38,408)	-	19,703	-
TOTAL APPROPRIATIONS	\$12,942,873	\$ 28,366,397	\$ 5,063,417	\$ 19,689,663

San Antonio River Authority
Insurance Fund
Fiscal Year Ending June 30, 2021

Fund: 90

	FY 2018/19	FY 2019/20	FY 2019/20	FY 2020/21
Available Funds	Actual	Amended Budget	Estimate	Budget

Beginning Balance

Unrestricted Balance	\$ 1,538,543	\$ 1,663,074	\$ 1,828,800	\$ 1,807,999
Total Beginning Balance	\$ 1,538,543	\$ 1,663,074	\$ 1,828,800	\$ 1,807,999

Revenue

Investment Earnings	\$ 26,048	\$ 18,000	\$ 18,376	\$ 10,000
Miscellaneous	29,859	20,000	21,911	20,000
Premiums	3,298,866	3,103,613	3,206,271	3,687,832
Transfers	-	-	-	-
Total Revenue	\$ 3,354,773	\$ 3,141,613	\$ 3,246,558	\$ 3,717,832

TOTAL AVAILABLE FUNDS	\$ 4,893,316	\$ 4,804,687	\$ 5,075,358	\$ 5,525,832
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APPROPRIATIONS

Operating Expenditures	\$ 3,064,516	\$ 3,103,544	\$ 3,267,359	\$ 3,737,029
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TOTAL OPERATING APPROPRIATIONS	\$ 3,064,516	\$ 3,103,544	\$ 3,267,359	\$ 3,737,029
Unrestricted Balance	\$ 1,828,800	\$ 1,701,143	\$ 1,807,999	\$ 1,788,802
TOTAL APPROPRIATIONS	\$ 4,893,316	\$ 4,804,687	\$ 5,075,358	\$ 5,525,832



Budget Order

San Antonio River Authority Fiscal Year 2020-21 Budget For the period July 1, 2020 through June 30, 2021

Approval of the Fiscal Year (FY) 2020-21 Budget

The Board of Directors of the San Antonio River Authority approves the FY 2020-21 Budget as submitted with the amendments included in the June 8, 2020 memorandum “Recommended Changes to the FY 2020-21 Budget”.

Authorized Positions and Salaries

The positions listed in the FY 2020-21 Budget document under each department are the authorized positions. These lists include full time, part time positions and limited term employee 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 re-grades are approved by the General Manager. All new positions in the FY 2020-21 Budget are authorized effective July 1, 2020 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 2020-21 Budget)

The FY 2020-21 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 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 transfers from any reserve account for all Funds as well as allocation of budget to a project not approved in the FY 2020-21 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 has authority to approve transfers within a department budget and/or authorized projects that would move funds between the following categories.

- Personnel Expenditures
- Operating Expenditures
- Capital Expenditures
- Transfers
- Debt Service
- Contingency



Budget is allocated into individual line items in each department and those budget line item allocations are part of the FY 2020-21 Budget. Departments have flexibility in expensing these funds within each of the first five categories listed above but not allocations identified as contingency. As long as the total appropriation (including efforts) for the categories of expenses listed above (e.g. Personnel Expenditures, Operating Expenditures) is not exceeded. For example, one or more line items within the category (e.g. health insurance) may exceed its budget allocation.

SPECIAL REVENUE FUNDS' EXCEPTIONS: In the Grants Fund, Park Resources Development Fund, and the San Antonio Capital Improvements Project Land Sales Fund, appropriations are controlled at the project level and 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. 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 authorized by the Board of Directors in the FY 2020-21 Adopted Budget must be approved by the Board of Directors.

Capital Project Funds including the San Antonio River Authority (SARA) Projects Fund (as listed in the designated section of the FY 2020-21 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 authorized by the Board of Directors in the FY 2019/20 Adopted Budget must be approved by the Board of Directors.

Budget Order – Supplemental Instructions

Given the uncertainty surrounding property valuations and resulting tax revenue across the district resulting from Coronavirus (COVID-19), the River Authority Board and staff proactively reviewed expenditures within the Proposed Budget to identify expenditures that could be delayed, reduced or eliminated. A budget reduction scenario was created with expenditures that are dependent the certified property values to be made available to the River Authority in July 2020 from which the final tax revenues available to support budgeted expenses can be calculated based on a proposed tax rate. The Adopted Budget contains funding for expenditures included in the reduction scenario which will require additional action by the Board of Directors to authorize staff expenditures for items (identified in Exhibits A). The intent is for the Board to take action on the expenses identified in the reduction scenario subsequent to the adoption of the tax rate in September 2020.

Note: The Reduction Scenario column of the exhibit reflect the amount that will be included within the Adopted Budget but require additional authorization from the Board of Directors.

Exhibit A

FY 2020-21 Draft Budget - New Project Resources

	<u>Original</u>	<u>Revised</u>	<u>Reduction</u> <u>Scenario</u>
Escondido Creek Parkway Phase II	\$ 50,000	\$ -	\$ (50,000)
GSI Broadway Alamo Heights	\$ 100,000	\$ -	\$ (100,000)
Nature Based Parks Master Planning	\$ 470,000		\$ (470,000)
Watershed Master Plans Integration	\$ 525,000	\$ 275,000	\$ (250,000)
Watershed Wise Rebate Program	\$ 500,000	\$ -	\$ (500,000)
	\$ 1,645,000	\$ 275,000	\$ (1,370,000)

FY 2020-21 Draft Budget - New Departmental Resources

Public Art Intern	\$ 15,131	\$ -	\$ (15,131)
Community Event Sponsorships	\$ 75,000	\$ -	\$ (75,000)
	\$ 90,131	\$ -	\$ (90,131)

Reduction Scenario Total \$ (1,460,131)



Community and Economic Information

District Profile

The San Antonio River Authority is a political subdivision of the State of Texas (Chapter 276, pg. 556, 45th legislature, as amended) and was created in 1937. The district covers 3,658 square miles in Bexar County, Goliad County, Wilson County and Karnes County. The population served totals 2,077,883 (in 2019) with 96 percent of the population residing in Bexar County (2,003,554) and the remaining counties as follows: Wilson at 51,070, Karnes at 15,601 and Goliad at 7,658. The San Antonio River is 250 miles long with 86 miles in Bexar and Wilson counties and 154 miles in Karnes and Goliad counties.



The River Authority is governed by a twelve-member board of directors. Six are elected from Bexar County and two from each of the remaining three counties. Each member serves for six years. Policies established by the Board are executed by a management organization under the direction of the General Manager.

The River Authority provides a wide range of services, all in support of the mission of **“Committed to Safe, Clean, Enjoyable Creeks and Rivers.”** These services fall into several major categories – flood risk management, water resource development, environmental and water quality, wastewater utilities and parks. The River Authority works with local (City of San Antonio, the Edwards Aquifer Authority and Bexar County as well as others), State (Texas Parks and Wildlife, Texas Commission on Environmental Quality, etc.) and federal (Federal Emergency Management Agency (FEMA), U.S. Army Corp of Engineers and more) entities and coalitions (such as the Bexar Regional Watershed Management program) also to further the mission. The River Authority has a full service, National Environmental Laboratory Accreditation Conference (NELAC) accredited water quality laboratory. The River Authority actively monitors streams and river water quality through sampling programs, completes scientific analysis to use in directing resources and setting priorities, and monitors and evaluates various species in the watershed all the way to the San Antonio Bay. This includes several endangered species.

The River Authority also works with local and state entities to identify and potentially develop new water resources to meet the region's water needs. The utility operations provides wastewater collection and treatment services concentrated in northeastern Bexar County.

Utility staff also assists smaller cities and other public entities throughout the district with their wastewater systems' operations and maintenance. The River Authority owns and maintains multiple parks and paddling trails throughout the district that offer citizens recreational and educational opportunities. There are four parks in Bexar County (Confluence Park, River Crossing on the San Antonio River, Mann's Crossing on the Medina River and Truehart Ranch), three in Wilson County (Jackson Nature Park, Helton San Antonio River Nature Park and Graytown Park on the San Antonio River) one in Goliad County (Branch Nature Park) and one in Karnes County (Escondido Creek Parkway). The parks and educational programs help increase environmental awareness of the river and its environs. Staff also provides maintenance and operations of forty-one dams throughout the district as well as operating and maintaining the improved areas of the river walk north and south of downtown (the Museum Reach and the Mission Reach), providing recreational opportunities in the miles-long stretch of hike and bike trails and associated amenities.

In 1961, an ad valorem tax of two cents per one hundred dollars assessed valuation was approved by the River Authority voters and was collected annually across the district at its maximum rate until 1980. The River Authority then did not levy this tax from 1981 through 2001, but in June 2002, the River Authority's Board of Directors, after approval of the five-year service plan, reinstituted the ad valorem property tax at 1.6425 cents per one hundred dollars valuation. Use of this tax revenue is limited to general administration, maintenance of completed projects and updating of the River Authority's master plan for water resource development. Revenues collected from this tax may not be pledged to debt service on any bonds used to construct flood control structures. The adopted tax rate through FY 2019-20 was 1.858 cents per \$100 of appraised valuation, only 13.1 percent greater than the tax rate in 2002. The average tax levied on a homestead at that rate was \$38.49 per year. The FY 2020-21 Adopted Budget is also based on tax rate of 1.858 per \$100 of appraised value.

The River Authority has had a long-standing partnership with Bexar County to complete flood control improvement projects. In 1951, Bexar County voters authorized an ad valorem levy of up to 15 cents per \$100 in valuation of taxable property for flood control. Bexar County has historically had serious risk of flood as it is located in an area called Flash Flood Alley.

A 1955 contract with Bexar County and subsequent amendments have facilitated the River Authority's involvement in flood control improvement projects funded by the County's flood control tax. The River Authority has managed design and construction of the projects. The County is required to set a tax rate which, at 90 percent current collections, provides revenues at least sufficient to pay each year's requirements for principal and interest of River Authority bonds which were issued to fund flood control improvement projects as part of the agreement with the County. The last bond issuance (other than refunding's) by the River Authority for flood control projects funded by this tax was in 2004. The flood control tax continues to support the debt service for this debt. Subsequent to 2004, Bexar County issued the debt for flood control projects that the River Authority managed.

Economy

The River Authority's jurisdiction includes the counties of Bexar, Wilson, Karnes and Goliad. The River Authority has continued to enjoy a favorable economic environment and local indicators point to continued stability. The City of San Antonio, the county seat of Bexar County, occupies an area of 467 square miles in south central Texas at the edge of the Gulf Coastal Plains, about 140 miles northwest of the Gulf of Mexico. The metropolitan statistical area (MSA) is an eight-county area made up of Atascosa, Bexar, Bandera, Comal, Guadalupe, Kendall, Medina and Wilson counties. Throughout the last century, the military has been the city's economic powerhouse; however, tourism, educational institutions, agribusiness, technology, the aerospace industry and medical research have rounded out the economy. The City's proximity to Mexico provides favorable conditions for international business relations with Mexico in many areas including agriculture, tourism, manufacturing, and retail markets for citizens in Mexico. San Antonio's industries range from the manufacturing of apparel, food products, aircraft, electronics and pharmaceuticals to iron and steel products and oil well equipment.

San Antonio continues to advance its position in the area of bioscience and healthcare services – both direct and indirect. Direct services include hospital care, physicians' offices, nursing homes and a variety of other clinics. Indirect services include health insurance carriers, pharmaceutical companies, medical equipment manufacturers and medical education. The bioscience and healthcare industry has added more than 50,000 new jobs over the past decade. The economic impact of the bioscience and healthcare industry was measured at between \$28 and \$37 billion in 2015 by a study completed by the Greater San Antonio Chamber of Commerce. Cybersecurity and information technology (IT) is another sector that has established itself as a major force in the San Antonio economy. In 2014, the IT industry consisted of over 1,000 companies, with over 34,000 IT professionals, generating an economic impact of nearly \$10 billion. Additional information about other key industries is available through the San Antonio Economic Foundation (SAEDF) website.

Higher education also plays a major role in the San Antonio local economy. The roster of major educational institutions includes the University of Texas Health Science Center, the University of Texas at San Antonio, St. Mary's University, Trinity University, University of the Incarnate Word and the Texas A&M – San Antonio campus on the city's south side.

Tourism is a major industry in San Antonio offering a wide variety of activities to visitors. This includes major theme parks, the River Walk where activities range from dining and live entertainment to hiking and biking trails. San Antonio is also rich in history with the Alamo, where the most famous battle of the Texas revolution was fought, as well as the Spanish Missions which have recently been designated a World Heritage site by the United Nations Educational, Scientific and Cultural Organization (UNESCO). The City is working to make the most of this prestigious designation. In 2018, San Antonio marked its 300th anniversary of its founding.

In Karnes County, fracking activities have had a very significant, positive impact on the economy. From 2010 to 2014, the property values in this county grew 1,826 percent – from \$558.4 million in 2010 to \$10.8 billion in 2014. Although falling gas and oil prices drove a decline in property values of 15 percent for 2015 and 40 percent in 2016 from mineral rights, the overall growth since 2010 continues to remain strong through 2020 with oil most likely heading to storage. This industry's activity in Karnes County has increased property values and generated strong increases in sales tax and hotel/motel taxes in the surrounding area. The drop in oil prices have decreased the fracking activity, which has also reduced the workforce in the oil fields. However, the fracking industry remains at work in the area and is expected to continue to positively contribute to the economy in Karnes County over the next several years.

Economic Outlook

San Antonio's economy has tapered as a result of the impacts of COVID-19, however the outlook continues to focus on a robust economy with stock prices of San Antonio-based companies experiencing increases. Unemployment in April 2020 was 13.2 percent which is less than the 14.4 percent nationwide rate. Total nationwide nonfarm payroll employment increased by 2.5 million in May 2020, reflecting a limited resumption of economic activity that had been curtailed due to the COVID-19 pandemic and efforts to contain it. The change in non-farm employment from April 2019 to April 2020 for San Antonio-New Braunfels was (8.5%) with Austin-Round Rock at (9.1%). Two employment sectors saw growth with construction (3.1 percent) leading the way followed by Government employment. San Antonio continues to work hard to attract information technology and health care industry jobs and has seen overall success.

Major Regional Employers

Employer	Sector	Number of Employees
Lackland Air Force Base	Military	37,000
Fort Sam Houston – U.S. Army	Military	32,000
H-E-B	Super Market Chain	20,000
USAA	Financial Services and Insurance	18,305
Randolph Air Force Base	Military	11,000
Methodist Healthcare System	Health Care Services	9,620
City of San Antonio	San Antonio	9,145
Baptist Health System	Health Care Services	6,383
Wells Fargo	Financial Services	5,073
Harland Clarke	Managed Services	5,000

The 2017 Book of Lists, The San Antonio Business Journal and by contact with company representatives.

<http://www.sanantonioedf.com/why-san-antonio/data/>

San Antonio still faces some economic challenges with education level of the workforce among them. San Antonio needs to focus on continuing to develop higher education opportunities as well as supporting small businesses and entrepreneurs. Declining oil prices do not impact the San Antonio area as much as the downstream counties. The employment

and property valuations in Karnes and to a less extent Wilson counties are more negatively affected by reduction in oil production and other oil related services.

The housing market in San Antonio remains strong even amidst the changing times of the pandemic. Total home sales are at 2,748, a small 8% decrease from April 2019. Also indicated was a shift in days on the market to 61 days on average, down one day from this time last year. Reporting for the state of Texas shows a decrease in home sales at 17.4% for 24,795 homes sold, as compared to San Antonio which only saw an 8% decrease for 2,748 homes sold. The average price, \$265,110 (Bexar County), and median price, \$230,000 (which was the same as San Antonio's median price), were up 4.5% and 4.8% respectively. (San Antonio Board of Realtors Press Release, May 14, 2020).

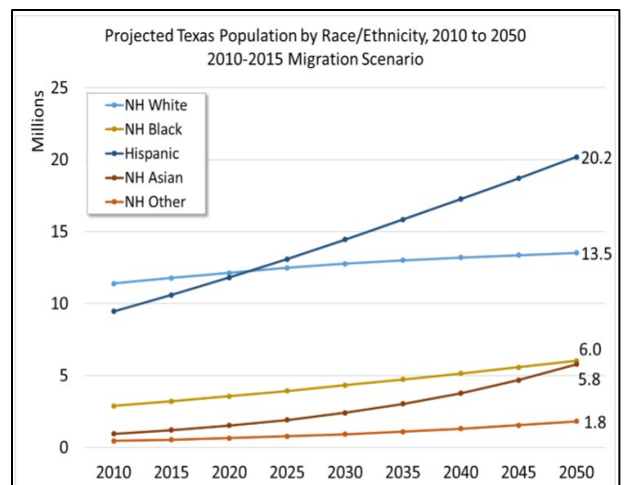
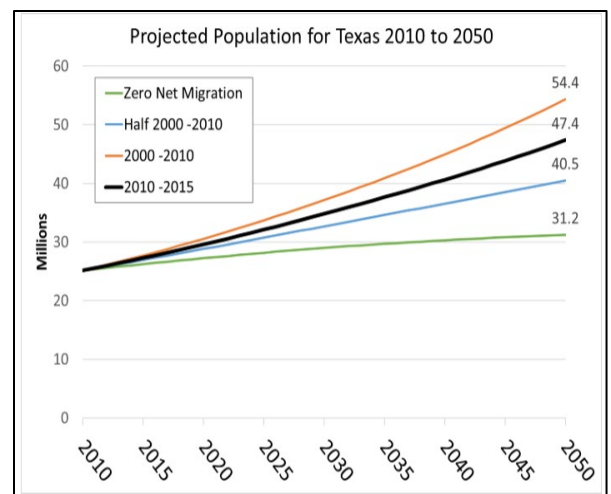
It is well documented that Texas and San Antonio are expected to experience significant growth in the future. The San Antonio MSA population has grown by 8% between 2013 and 2018 and is predicted to increase an additional 7% by 2023. San Antonio is also projected to welcome 1.1 million new residents by 2040. Providing for services and infrastructure to accommodate this growth will certainly be a challenge. This is of critical importance to San Antonio and the River Authority as it applies to how we accommodate the growth and the development that will accompany it. The River Authority is involved in conversations to help influence the community as it relates to the utilization of low impact development. Applying certain best management practices could help mitigate water quality and flood risks concerns.

Other Sources:

Bureau of Labor Statistics June 4, 2020 San Antonio Area Economic Summary
https://www.bls.gov/regions/southwest/summary/blssummary_sanantonio.pdf

Federal Reserve Bank of Dallas – San Antonio Economic Indicators
<https://www.dallasfed.org/research/indicators/sa/2020/sa2006.aspx>

District Profile data for 2019 population estimates.
<https://www.census.gov/data/tables/time-series/demo/popest/2010s-counties-total.html>



Graph Source:

Texas Demographic Center-Texas Population Projections 2010-2050
https://demographics.texas.gov/Resources/publications/2019/20190128_PopProjectionsBrief.pdf

San Antonio River Authority
Notes Receivables

San Antonio River Authority Note Receivables and General Fund Obligations/Revenue

	Original Note	Projected Debt Service Remaining as of 6-30-20	FY 2020-21 Budgeted Payment Due
<u>General Fund</u>			
Goliad County Water Supply Company	\$ 300,472	\$ 224,790	\$ 11,795
Totals	\$ 1,141,404	\$ 224,790	\$ 11,795
<u>SARA Wastewater Fund</u>			
La Vernia	600,000	303,961	46,046
Goliad County Water Supply Company	170,998	95,317	11,795
Totals	\$ 770,998	\$ 399,278	\$ 57,841
<u>General Fund Obligations</u>			
Euclid (Reserves)	3,576,202	1,940,066	280,000
Mission Reach Operation Center (Public Facility Corporation)	3,100,000	2,339,000	181,137
Totals	\$ 6,676,202	\$ 4,279,066	\$ 461,137

Position Listing by Department

Description	Pay Grade	FY19	FY20	FY21
Board of Directors	ELEC	12	12	12
Executive Offices				
General Manager	154	1	1	1
Assistant General Manager	148	1	1	1
Director of Government & Public Affairs	143	1	1	1
Director of Human Resources	143	1	1	1
Director of Legal Services	143	1	1	1
Director of Operations	143	1	1	1
Director of Support Services	143	1	1	1
Director of Technical Services	143	1	1	1
Staff Attorney	134	0	0	1
Public Art Curator	127	1	1	1
Executive Office Administrator	122	1	1	1
Executive Assistant	115	1	1	1
Senior Agenda Management Coordinator	115	1	1	1
Document Control Coordinator I	111	1	1	1
Public Art Intern	101	0	0	1
<i>Total Executive Offices</i>		13	13	15
Intergovernmental and Community Relations				
Brand & Public Communications Manager	135	0	1	1
Government Affairs Manager	135	1	1	1
Brand & Public Communications Officer	125	1	1	1
Education & Engagement Specialist	124	1	1	1
Brand & Visual Communications Specialist	122	1	1	1
Brand & Events Specialist	122	1	1	1
Brand & Public Communications Specialist	122	0	0	1
Art Direction Coordinator I	118	1	1	0
Brand & Public Communications Coordinator II	118	1	1	1
Government Affairs Coordinator II	118	0	0	1
Education & Engagement Coordinator II	118	1	1	1
Brand & Public Communications Coordinator I	117	2	1	1
Education & Engagement Coordinator I	117	0	0	1
Government Affairs Coordinator I	117	3	3	2
Intergovernmental Technician	112	1	1	1
Part-Time Education & Engagement Coordinator	103	1	1	1
Education Intern	101	1	1	1
<i>Total Intergovernmental & Community Relations</i>		16	16	17

Position Listing by Department

Description	Pay Grade	FY19	FY20	FY21
Human Resources				
People & Safety Business Partner	124	1	1	1
People & Benefits Business Partner	122	1	1	1
People & Culture Business Partner	122	1	1	1
Senior Human Resources Generalist	118	1	1	1
Administrative Assistant II	110	0	1	1
Administrative Assistant I	109	1	0	0
Administrative Support (LTE)	104	1	1	1
<i>Total Human Resources</i>		6	6	6
Facilities				
Facilities Administrator	126	1	1	1
Facilities Maintenance Crewleader I	112	1	1	1
Facilities Maintenance Technician II	110	0	0	1
Facilities Maintenance Technician I	109	3	2	1
Custodian	103	2	3	3
<i>Total Facilities</i>		7	7	7
Finance				
Accounting & Budget Services Manager	136	1	1	1
Senior Financial Reporting/Compliance Officer	128	1	0	0
Project Management Officer	126	0	0	0
Senior Accountant	126	1	1	1
Senior Budget Analyst	126	1	1	1
Support Services Administrator	126	1	1	1
Project & Planning Services Administrator	125	0	2	2
Purchasing Officer	125	0	1	1
Contracting Officer	124	1	1	1
Project & Planning Specialist	124	1	0	0
Budget Analyst I	119	2	2	2
Purchasing Coordinator	117	0	1	1
Accountant II	116	0	1	1
Financial Accountant I	114	1	1	1
Support Services Technician	112	1	1	1
Senior Accounting Technician	111	1	1	1
Accounting Technician II	110	1	0	0
Accounting Technician I	109	0	0	1
Purchasing Officer	104	1	0	0
Support Services Technician (LTE)	104	0	1	0
Finance Intern	101	1	0	1

Position Listing by Department

Description	Pay Grade	FY19	FY20	FY21
Total Finance		15	16	17
Information Technology				
Information Technology Manager	136	1	0	0
Senior Enterprise Applications Administrator	132	1	1	1
User Services Officer	129	1	1	1
Senior Data Management Architect	127	0	1	1
Infrastructure Administrator	125	1	1	1
Data/Development Administrator	124	1	1	1
Senior GIS Analyst	122	1	1	1
Systems Administrator	122	1	1	1
Systems and Cybersecurity Specialist I	122	1	1	1
GIS Analyst II	121	1	1	1
Business Analyst I	120	1	1	1
GIS Analyst I	120	2	2	2
Technology Support Specialist II	119	1	1	1
IT Support Specialist I	118	1	1	1
Technology Support Specialist I	117	1	1	1
GIS Technician I	114	1	1	1
IT Support Specialist	104	1	1	1
Information Technology Intern	101	1	1	1
Total Information Technology		18	18	18
Environmental Sciences				
Environmental Sciences Manager	137	1	1	1
Senior Laboratory & Data Management Scientist	129	1	1	1
Senior Quality Assurance & Monitoring Scientist	129	1	1	1
Senior Stormwater Supervisor	129	1	1	1
Stormwater Landscape Architect	125	1	1	1
Sustainable Landscape Ecologist	125	1	1	1
Urban Stormwater Planner	125	1	1	1
Laboratory Supervisor	124	1	1	1
Environmental Investigation Supervisor	122	1	1	1
Quality Assurance Supervisor	122	1	1	1
Stormwater Monitoring Supervisor	122	1	0	0
Watershed Monitoring Supervisor	122	1	1	1
Environmental Data Specialist II	120	2	2	2
Quality Assurance Specialist II	120	1	1	1
Senior Aquatic Biologist	120	0	1	1
Senior Water Quality Scientist	120	2	3	3

Position Listing by Department

Description	Pay Grade	FY19	FY20	FY21
Stormwater Analyst I	120	1	1	1
Environmental Investigation Specialist I	119	1	1	1
Quality Assurance Specialist I	119	1	0	1
Aquatic Biologist II	118	2	2	2
Environmental Investigation Coordinator I	118	0	1	1
Laboratory Services Coordinator II	118	1	1	1
Molecular Biologist	118	0	1	1
Water Quality Scientist II	118	1	3	3
Watershed Monitoring Scientist II	118	0	1	1
Aquatic Biologist I	116	3	1	1
Stormwater Scientist I	116	1	0	0
Water Quality Scientist I	116	5	3	3
Watershed Monitoring Scientist I	116	1	2	2
Administrative Assistant I	109	1	1	1
Part-Time Water Quality Scientist	103	1	1	1
Michael Gonzalez Intern	102	1	1	1
Data Management Intern	101	1	1	1
Watershed Monitoring Intern	101	1	1	1
Stormwater Intern	101	1	1	1
<i>Total Environmental Sciences</i>		40	41	42
Real Estate				
Real Estate Manager	135	1	1	1
Real Estate Representative III	123	2	0	0
Real Estate Representative II	121	1	0	0
Real Estate Representative I	119	0	3	3
Administrative Assistant I	109	1	1	1
Administrative Support (LTE)	104	1	1	1
Real Estate Intern	101	1	1	1
<i>Total Real Estate</i>		7	7	7
Watershed Engineering				
Watershed Engineering Manger	137	1	1	1
Senior Engineer	132	3	4	4
Senior Technical Engineer	131	3	2	2
Engineer	130	7	9	9
Graduate Engineer	127	2	1	1
Watershed Engineering Administrator	125	1	0	0
Registered Professional Land Surveyor Lead	124	1	1	1
Senior Construction Inspector	123	0	1	1

Position Listing by Department

Description	Pay Grade	FY19	FY20	FY21
Engineer Technician Supervisor	122	1	0	0
Construction Inspector II	120	4	2	2
Project Management Associate II	120	0	1	1
Project Management Associate	119	1	1	1
Construction Inspector I	118	1	1	2
Survey Party Chief I	117	2	2	2
Engineering Technician I	115	1	1	1
Administrative Project Coordinator	112	1	1	1
LTE Construction Inspector I	104	0	1	1
Construction Administrative Coordinator	103	1	1	1
Engineering Technician Intern	101	1	0	0
Engineering Intern	101	1	1	1
Total Watershed Engineering		32	31	32
Utilities				
Utilities Manager	137	1	1	1
Senior Utilities Engineer	132	1	1	1
Senior Financial Officer	126	1	0	0
Treatment & Training Superintendent	124	1	1	1
Utilities Development Superintendent	124	1	1	1
Utilities Quality Control Superintendent	124	1	1	1
Master Electrician	122	1	1	1
Assistant Collection Superintendent	120	1	1	1
Assistant Superintendent Maintenance	120	1	1	1
Collection System Quality Control Supervisor	118	0	0	1
Chief Operator Supervisor	118	1	1	1
Treatment Quality Control Supervisor	118	0	0	1
Collection System Foreman	117	2	2	1
Line Inspection Foreman	117	1	1	1
Senior Chief Operator	117	1	1	1
Utilities Business Coordinator I	117	0	1	1
Development Inspector	116	1	1	1
Chief Operator I	115	1	1	1
Industrial Waste Inspector/Chief Operator	115	1	1	0
Inspection Specialist	115	1	1	1
Senior Collection System Specialist	115	1	1	1
Line Inspector I	114	1	1	1
Senior Operations Specialist	114	1	1	1
Maintenance Crewleader II	113	1	1	1
Maintenance Specialist II	113	1	1	1

Position Listing by Department

Description	Pay Grade	FY19	FY20	FY21
Collection System Specialist I	112	3	3	3
Maintenance Crewleader I	112	1	1	1
Maintenance Specialist I	112	1	1	1
Senior Administrative Assistant	111	1	1	1
Senior Operations Technician	111	1	1	1
Administrative Assistant II	110	0	1	1
Facilities Maintenance Technician II	110	0	1	1
Operations Technician II	110	0	1	1
Shop Maintenance Technician II	110	1	1	1
Administrative Assistant I	109	1	0	0
Collection System Technician I	109	2	2	2
Facilities Maintenance Technician I	109	2	1	1
Maintenance Technician I	109	4	4	4
Operations Technician I	109	10	10	10
Shop Maintenance Technician I	109	2	1	1
Total Utilities		52	52	52
Watershed & Park Operations				
Watershed & Parks Operations Manager	137	1	1	1
Senior Superintendent	126	1	1	1
Mission Reach Superintendent	124	1	1	1
Park & Dam Superintendent	124	1	1	1
Recreation Superintendent	124	1	1	1
Urban Reach Superintendent	124	1	1	1
Training Specialist	121	1	1	1
Natural Resource Management Specialist	119	1	1	1
Dam Foreman	117	2	2	2
Park Foreman	117	1	1	1
Park Program Coordinator I	117	2	2	2
Riparian Landscape Foreman	117	2	2	2
Riparian Operations Foreman	117	2	2	2
San Pedro Creek Foreman	117	1	1	1
Telemetry Technician I	115	1	1	1
Dam Crewleader II	113	1	1	1
Park Project Coordinator	113	1	1	1
Riparian Landscape Crewleader II	113	2	0	0
Riparian Operations Crewleader II	113	1	0	0
Dam Crewleader I	112	2	0	0
Lock & Dam Crewleader I	112	1	1	1
Park Crewleader I	112	2	2	2

Position Listing by Department

Description	Pay Grade	FY19	FY20	FY21
Riparian Equipment Crewleader I	112	1	1	1
Riparian Landscape Crewleader I	112	2	4	5
Riparian Operations Crewleader I	112	1	2	2
San Pedro Creek Crewleader I	112	1	1	1
Senior Dam Technician	111	0	4	4
Senior Riparian Landscape Technician	111	0	1	1
Administrative Assistant II	110	0	1	1
Lock & Dam Technician II	110	0	1	1
Park Technician II	110	2	2	2
Riparian Equipment Technician II	110	1	1	1
Riparian Landscape Technician II	110	6	6	6
Riparian Operations Technician II	110	1	2	2
Administrative Assistant I	109	1	0	0
Dam Technician I	109	2	0	0
Lock & Dam Technician I	109	3	2	2
Park Technician I	109	4	5	5
Riparian Equipment Technician I	109	1	3	3
Riparian Landscape Technician I	109	15	14	15
Riparian Operations Technician I	109	7	6	6
CNG Mechanic (Part-Time)	103	1	1	1
<i>Total Watershed Operations</i>		78	81	83
Breakdown by Employment Type				
Full time Employees		265	269	276
Limited term Employees		2	2	2
Part time Employees		17	17	18
Elected Officials		12	12	12
<i>Total</i>		296	300	308

FY 2020-21 Pay Scale

Pay Grade	Minimum Annual	Midpoint Annual	Maximum Annual
101	\$9.00 per Hour	\$9.00 per Hour	\$9.00 per Hour
102	\$12.50 per Hour	\$12.50 per Hour	\$12.50 per Hour
103	Variable	Variable	Variable
104	Variable	Variable	Variable
109	\$ 28,369.49	\$ 35,461.86	\$ 42,554.24
110	\$ 29,787.96	\$ 37,234.96	\$ 44,681.95
111	\$ 31,277.36	\$ 39,096.70	\$ 46,916.04
112	\$ 32,841.23	\$ 41,051.54	\$ 49,261.85
113	\$ 34,483.29	\$ 43,104.12	\$ 51,724.94
114	\$ 36,207.46	\$ 45,259.32	\$ 54,311.19
115	\$ 38,017.83	\$ 47,522.29	\$ 57,026.74
116	\$ 39,918.72	\$ 49,898.40	\$ 59,878.08
117	\$ 41,914.66	\$ 52,393.32	\$ 62,871.99
118	\$ 44,010.39	\$ 55,012.99	\$ 66,015.59
119	\$ 46,210.91	\$ 57,763.64	\$ 69,316.36
120	\$ 48,521.46	\$ 60,651.82	\$ 72,782.18
121	\$ 50,947.53	\$ 63,684.41	\$ 76,421.29
122	\$ 53,494.90	\$ 66,868.63	\$ 80,242.36
123	\$ 56,169.65	\$ 70,212.06	\$ 84,254.47
124	\$ 58,978.13	\$ 73,722.67	\$ 88,467.20
125	\$ 61,927.04	\$ 77,408.80	\$ 92,890.56
126	\$ 65,023.39	\$ 81,279.24	\$ 97,535.09
127	\$ 68,274.56	\$ 85,343.20	\$ 102,411.84
128	\$ 71,688.29	\$ 89,610.36	\$ 107,532.43
129	\$ 75,272.70	\$ 94,090.88	\$ 112,909.05
130	\$ 79,036.34	\$ 98,795.42	\$ 118,554.51
131	\$ 82,988.15	\$ 103,735.19	\$ 124,482.23
132	\$ 87,137.56	\$ 108,921.95	\$ 130,706.34
134	\$ 96,069.16	\$ 120,086.45	\$ 144,103.74
135	\$ 100,872.62	\$ 126,090.78	\$ 151,308.93
136	\$ 105,916.25	\$ 132,395.31	\$ 158,874.38
137	\$ 111,212.06	\$ 139,015.08	\$ 166,818.10
143	\$ 149,034.80	\$ 186,293.50	\$ 223,552.20
148	\$ 190,210.37	\$ 237,762.96	\$ 285,315.56
154	\$ 254,900.09	\$ 318,625.11	\$ 382,350.13



San Antonio River Authority Financial Policies

The River Authority's policies and guidelines are established through an extensive review and approval process. Generally, the department responsible for the function(s) guided by the policy or guideline drafts the initial document. The draft is then reviewed by the management and executive teams for their input. Managers are responsible for garnering input from their staffs to make the process as inclusive as possible. Once a final draft is completed, guidelines are approved and signed by the General Manager. Policies are approved by the General Manager in some cases and by the Board of Directors in other instances. Policies are taken to the Board of Directors for consideration when they impact Board functions that may be outlined in the River Authority bylaws and/or when they may have a fiscal impact (e.g. such as approval of grant applications). Board approval is sought through the regular open meetings process with an item placed on the Board's agenda.

Listed below are the long-term River Authority's Financial Policies. Policies can be viewed online at <https://www.sariverauthority.org/transparency/financial-policies>.

<u>Policy Name</u>	<u>Purpose</u>	<u>Approved by Board of Director's</u>
Fund Balance Policy	Establishes guidelines for the allocation and use of River Authority fund balances.	Yes
Investment Policies and Strategies	Establishes guidelines 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 daily cash flow demands.	Yes
Obligation and Disbursement of Funds	Establishes guidelines for budgeting and cash management.	No
Notes Receivable Policy	Establishes guidelines for recording, collecting, and writing off bad debts.	Yes
Fixed Assets	Defines and tracks major capital assets.	No
Grants Management	Provides direction regarding for, managing, maintaining, and reporting on grants awarded to the River Authority to ensure compliance with all applicable guidelines, procedures and requirements – both the River Authority's and the granting agencies – and to ensure timely and accurate billings to the grantor.	Yes



Glossary

Accounting System: The total set of records and procedures which are used to record, classify and report information on the financial status and operations of an entity.

Accrual: Accounts on a balance sheet that represent liabilities, a non-cash-based asset used in accrual-based accounting.

Accrual Basis: Revenues are recognized when earned and expenses when they are incurred.

Activity: A specific unit of work or service.

Appropriation: An authorization adopted by the San Antonio River Authority Board of Directors (Board) which allows staff to incur obligations and make expenditures of governmental resources. An appropriation is typically granted for periods of one year or a project's life and specified for fixed amounts.

Assessed Valuation: An estimated value placed upon real and personal property by the appraisal districts as the basis for levying property taxes.

Assets: An economic resource. Tangible or intangible property owned by the San Antonio River Authority (River Authority) for which a monetary value has been set either through the purchase of the item, the assets have a set monetary value, such as cash, can be converted into cash or through a market assessment study.

Audit: A systematic examination of resource utilization. The audit is a test of management's internal accounting controls and is intended to verify financial positions and the legality of transactions; to identify improvements in accounting systems and accuracy and consistency of transactions; and to certify the stewardship of officials responsible for governmental funds.

Authorized Positions: All positions authorized by the Board for each office and department. This includes full time, part time and seasonal positions.

Balance Sheet: A statement purporting to present the financial position of the River Authority by disclosing the assets, liabilities, and fund balance as of a specified date.

Balanced Budget: A budget in which planned expenditures on personnel, goods, services and debt are met by income from taxation, user fees and other governmental receipts.

Base Budget: Ongoing expenses for personnel, contractual services, supplies, and equipment required to maintain the same level of service as previously authorized by the Board.

Best Management Practices (BMP): As defined by the Environmental Protection Agency, BMP's are schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the United States. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

Board of Directors: The twelve-member elected board of the San Antonio River Authority. Four members are elected from four districts in Bexar County; two members are elected county-wide in Bexar County (at large); and two members are elected by each of the other three counties in the San Antonio River Authority's district – Karnes, Wilson and Goliad counties. The board members serve six-year terms and there are no term limits. The chair and other officer and committee positions are selected by the Board.

Bond: Bonds are used as long-term debt instruments to pay for capital improvements. A bond is a written promise to pay a specified sum of money (principal) at a specified future date (maturity date), as well as periodic interest paid at a specified percentage of the principal (interest rate).

Bond Rating: The creditworthiness of the River Authority's debt as evaluated by independent agencies.

Budget (Operating): A financial and operating plan approved by the Board to authorize levels of taxing, user charges and spending. The plan consists of an estimate of proposed expenditures or expenses for a fiscal year and an estimate of proposed revenues for the same period needed to provide River Authority services. The term is also used to identify the officially approved expenditure levels under which the River Authority and its departments operate.

Budget Calendar: The schedule of key target dates which the River Authority follows in the preparation and adoption of the budget.

Budget Document: An instrument or document presented by the River Authority's General Manager to the Board to describe the level of taxing, user charges, spending and the level of services to be provided during a certain fiscal year to the citizens of the district. The document is a comprehensive financial program.

Budget Letter: It is a communication from the River Authority's General Manager to the Board and the citizens of the district regarding recommendations relating to those issues that they believe will affect the community. It is the general discussion of the proposed budget presented in writing as a part of the budget document.

Budgeted Revenue: The amount of projected revenue to be collected during the budget fiscal year.

Capital Assets (Fixed Assets): Assets of significant value (\$5,000 or greater individually) which have a useful life of more than one year.

Capital Expenditures: The expenditure group used to fund capital purchases such as furniture, computers, vehicles and heavy equipment where the individual item costs more than \$5,000. Purchases made from the capital expenditures group become fixed assets of the River Authority.

Capital Improvement Plan (CIP): A multi-year plan for capital project expenditures which sets forth each proposed capital project, identifies the expected cost for each project and the amount to be expended on the improvement.

Capital Improvements Project Activity: A Capital Improvements Project Activity is one of the following groups of actions usually undertaken in a capital improvements project: planning, design and engineering; right-of-way acquisition; construction; and the purchase of equipment.

Carry Forward Balance: The difference of revenues and expenditures within the same fund transferred to fund balance from one fiscal year to the next.

Cash Basis: Revenues are recognized only when collected and expenditures are recognized when paid.

Cash Management: The management of cash necessary to fund government services while investing available cash to earn interest revenue. Cash management refers to the activities of forecasting the inflows and the outflows of cash, mobilizing cash to improve its availability for investment, establishing and maintaining banking relationships, and investing funds to achieve the highest interest and return available for temporary cash balances.

Commodities: Items of expenditure which, after use, are consumed or show a material change in their physical condition. Commodities are generally of limited value and are characterized by rapid consumption (i.e.: office supplies, motor fuel, etc.).

Contingencies: The expenditure group that includes all funding such as undesignated funds and monies set aside for salary increases.

Contingency: A budgetary reserve set aside for emergencies or unforeseen expenditures.

Contractual Services: Items of expenditure from services the River Authority receives from an outside company through a contractual agreement.

Current Taxes: Property taxes that are levied and due within one year.

Debris: The remains of something broken down or destroyed that is in the river and/or its tributaries that needs to be removed.

Debt Service: The obligation to pay the principal and interest of all bonds and other debt instruments according to a pre-determined payment schedule.

Delinquent Taxes: Taxes which are unpaid after the due date, in which a penalty is assessed for non-payment.

Department: A major administrative division of the River Authority that indicates overall management responsibility for the operation of a group of related functions.

Depreciation: Expiration in the service life of capital assets attributable to wear and tear, deterioration, physical elements, inadequacy, or obsolescence. Depreciation is also the portion of the cost of a capital asset which is charged as an expense during a particular accounting period. Depreciation is applied to assets in enterprise funds and internal service funds.

Effort: An effort is a type of work that is categorized under a goal or department that does not meet the Project definition. Work can be cross-departmental or within a single department. An Effort may have a need to maintain financial or resource capacity reporting information. An Effort should have a start and end date with any applicable budget authorized within the department(s). Efforts are included in the department narratives within the Annual Budget Detail book.

Encumbrances: Obligations in the form of purchase orders, contracts, or other commitments which are reserved in specified appropriations. Encumbrances cease to exist when an invoice is paid or when an actual liability is established.

Enterprise Fund: A fund used to account for operations that are financed and operated in a manner similar to private business enterprises where the intent of the governing body is to recover the cost of providing goods or services through fees. Rate schedules for these services are established so that revenues are adequate to meet all necessary expenses including debt service for capital costs.

Estimate: The estimated actual expenditures and revenues for the fiscal year prior to the end of the budget fiscal year. Used to determine the Carry Forward Balance.

Expenditure Group: A grouping of like expenditures used to exercise budgetary control. For example, the Personnel Expenditures group includes salaries, social security and Medicare, retirement, group health insurance, group life insurance and workers compensation. A department can over run an individual line item if the expenditure group remains within budget.

Expenditures: The cost of goods and services rendered.

Fiscal Year: The time period designated by the River Authority signifying the beginning and ending periods for recording financial transactions. The River Authority has designated July 1 to June 30 as its fiscal year.

Fund: An independent fiscal and accounting entity with a self-balancing set of accounts, identifiable revenue sources and expenditures. Funds are segregated for the purpose of completing specific activities or attaining certain objectives.

Fund Balance: The excess of an entity's revenues over expenditures and encumbrances since the inception of the fund. This number should equal the difference between the revenues and the expenditures reported in a governmental fund. This fund balance is available for emergencies or unforeseen expenditures when appropriated by the Board.

Geographic Information Systems (GIS): Used to visualize, question, analyze, and interpret data to understand relationships, patterns, and trends. Includes data collection, geospatial tool development and spatial analysis to support decision making and complex problem solving.

Goal: A Goal refers to one of three Strategic Plan Goals that are established to advance the vision and mission of the River Authority. Projects and efforts are assigned to Goals that are managed and monitored by selected Goal Leaders to obtain benefits not available from managing them individually. Goal Leaders typically oversee multiple projects and efforts that align to an agency Goal and help facilitate collaboration and coordination that may result in benefits for activities that overlap one another.

Governmental Accounting Standards Board (GASB): The current source of generally accepted accounting principles used by state and local governments as well as the River Authority in the United States. GASB is a private, non-governmental organization.

General Fund: Accounts for most of the financial resources of the government which may be used for any lawful purpose. General Fund revenues include property taxes, charges for services, support fees and other types of revenue. The General Fund usually includes most of the basic operating services.

Governmental Fund: Funds used to account for all or most of the River Authority's general activities and services.

Inflow and Infiltration (I&I): Water entering sanitary sewers from inappropriate connections is *inflow*. Typical sources include sump pumps, roof drains, cellar drains, and yard drains where urban features prevent surface runoff, and storm drains are not conveniently accessible or identifiable. Groundwater entering sanitary sewers through defective pipe joints and broken pipes is *infiltration*. Pipes may leak because of careless installation; they may also be damaged after installation by differential ground movement, heavy vehicle traffic on roadways above the sewer, careless construction practices in nearby trenches, or degradation of the sewer pipe materials. In general, volume of leakage will increase over time. Damaged and broken sewer cleanouts are a major cause of infiltration. Infiltration will occur where local groundwater elevation is higher than the sewer pipe.

Intergovernmental Revenue: Revenue received from another government for a specified purpose.

Internal Service Fund: Funds utilized to account for the financing of goods or services provided by one department or office to other departments or offices within a government. The Insurance Fund is the River Authority's only internal service fund.

Investment: Securities and real estate purchased and held to produce income in the form of interest, dividends, rentals, or base payments received.

Liability: Debt or other legal obligations arising out of transactions for goods and services received in the past which must be liquidated, renewed, or refunded at some future date. A liability does not include encumbrances.

Litter: Trash, such as paper, cans, and bottles that are left lying in an open or public place

Long-Term Debt: Debt amount with maturity of more than one year.

Low Impact Development (LID): Systems and practices that use or mimic natural processes that result in the infiltration, evapotranspiration or use of stormwater to protect water quality and associated aquatic habitat.

Maturities: The dates on which the principal or stated values of investments or debt obligations mature and may be reclaimed.

Major Fund: Any fund that the River Authority believes to be of importance to the users of the financial statements either because of the nature of the fund or because it meets the "size" criteria set by GASB. The General Fund, by definition, is reported as and/or considered a major fund. If any fund meets the "size" criteria it should be designated as a major fund. It states:

- 1) Ten percent criterion: An individual fund that reports at least 10 percent of any of the following:
 - a. Total government fund assets
 - b. Total government fund liabilities
 - c. Total government fund revenues
 - d. Total government fund expenditures
- 2) Five percent criterion: An individual governmental fund reports at least 5 percent of the aggregate total for both governmental funds and enterprise funds of any one of the items for which it met the 10 percent criteria.

Modified Accrual Basis: Revenues are recorded in the fiscal year in which they are available and measurable, and expenditures are recorded in the fiscal year when the services or goods are received, and the liabilities are incurred. In addition, encumbrances are recorded during the year. Property tax revenues are susceptible to accrual and are considered available to the extent collected within sixty days after the end of the fiscal year.

New Resources: Requests submitted by departments during the budget preparation process to change the level of service or method of operation. Generally, these requests are for additional resources including personnel, but may take the form of program reductions or elimination.

OPEB: Other Post-Employment Benefits which are accounting and financial reporting provisions requiring government employers (under GASB) to measure and report the liabilities associated with other (than pension) post-employment benefits. A major category of OPEB is retiree medical insurance benefits.

Operating Expenditures: The expenditure group that includes all payments for services. Examples of expenses included in this group are postage, utilities, professional services, supplies, parts, and vehicle repair and maintenance.

Operating Funds: Resources derived from recurring revenue sources used to finance ongoing operating expenditures.

Operating Reserve: 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.

Performance Measures: Specific quantitative measures of work performed within an activity or program. Types of performance indicators include workload, efficiency (output), effectiveness (outcome) and productivity indicators.

Personnel Expenditures: The expenditure group that includes all personnel related costs such as salaries, social security and Medicare, retirement, group health insurance, group life insurance and workers compensation premiums.

Project: A project is a temporary endeavor undertaken to create a unique product, service, or result that meets a specific objective. A Project's cost threshold is \$75,000 or greater and has a duration of one year or longer. Projects require Board of Director approval. All projects are entered into the River Authority's project management software system and are managed in a consistent fashion.

Reconciliation: A detailed summary of increases and decreases in departmental expenditures from one budget year to another.

Reserve: An account used to indicate that part of a fund's assets is legally reserved for a specific purpose.

Resources: Total dollars available for appropriations including estimated revenues, fund transfers, and beginning fund balances.

Retail Wastewater System: Wastewater collection and treatment services provided to the ultimate consumer for compensation.

Revenue: The funds collected by a government.

Revenue Bonds: Government-issued bonds which do not pledge the full faith and credit of the jurisdiction and must therefore rely on operating revenues other than property taxes to repay the bonded indebtedness. These bonds are used by the River Authority's wastewater utility.

Revenue Estimate: A formal estimate of how much revenue will be earned from a specific revenue source for the upcoming budget period.

Risk Management: An organized attempt to protect a government's assets against accidental loss.

Shortfall: The excess of expenditures over revenues during a single accounting period.

Stormwater: Stormwater is water that originates during precipitation events and snow/ice melt. Storm water can soak into the soil (infiltrate), be held on the surface and evaporate, or run off and end up in nearby streams, rivers, or other water bodies (surface water).

Tax Levy (Property): The total amount to be raised by general property taxes for operating purposes.

Tax Rate (Property): The amount of tax levied for each \$100 of assessed valuation.

Tax Rate Limit: The maximum legal property tax rate at which the River Authority may levy a tax. For the River Authority, this is statutorily set at 2 cents per \$100 of assessed valuation.

Tax Increment Reinvestment Zone – TIRZ: Economic development tool used to foster development. Developer pays for and constructs public infrastructure and is then reimbursed for the expenditure once the commercial activity within the designated zone generates sufficient revenue to support repayment either through current revenues or debt issuances.

Tracking: A type of work that is categorized under a department that does not meet the Effort definition. Work can be cross-departmental or within a single department. Revenues and Expenditures are tracked when there is a need to maintain financial or resource capacity reporting information for work that is operational in nature and does not have clear start and end date.

Transfers: The expenditure group used to account for transfers between funds.

Trash: Discarded matter; refuse.

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. 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. This reserve is accounted for in a fund separate from the General Fund.

Wastewater: Water that has been used in the home, in a business, or as part of an industrial process. Wastewater can originate from a combination of domestic, industrial, commercial or agricultural activities, surface runoff or stormwater, and from sewer inflow or infiltration.

Wastewater Collection System: These systems gather the used water from homes, businesses and industries and convey it to a wastewater treatment plant. This type of system is also called a sanitary sewer system.

Wastewater Treatment Plant: A facility that provides wastewater treatment which is a process used to convert wastewater - which is water no longer needed or suitable for its most recent use - into an effluent that can be either returned to the water cycle with minimal environmental issues or reused.

Water Reuse: Reusing treated wastewater for beneficial purposes such as agricultural and landscape irrigation, industrial processes, toilet flushing, and replenishing a ground water basin (referred to as ground water recharge). Water recycling offers resource and financial savings.

Wholesale Wastewater System: Collects and treats wastewater on behalf of another public entity who is not the ultimate consumer of the services; does not provide service connections or billing to the individual end user. For the San Antonio River Authority, the wholesale customers are small municipalities.

Yield: The rate earned on an investment based on the price paid for the investment.



Abbreviations & Acronyms

BBASC Basin and Bay Stakeholder Committee	O&M Operations and Maintenance
BCCIP Bexar County Capital Improvement Program	QA/QC Quality Assurance/Quality Control
BMPs Best Management Practices	RAFB Randolph Air Force Base
BOD Board of Directors	RFP Request for Proposal
BRWM Bexar Regional Watershed Management	RFQ Request for Qualifications
BST Bacterial Source Tracking	RWRDG Regional Water Resource Development Group
CIP Capital Improvement Plan	SACIP San Antonio Capital Improvement Projects
CLOMR Conditional Letter of Map Revision	SAHA San Antonio Housing Authority
CRP Clean Rivers Program	SAR San Antonio River
CTP Cooperating Technical Partners	SARA San Antonio River Authority (the River Authority)
DFIRM Digital Flood Insurance Rate Map	SARB San Antonio River Basin
EAA Edwards Aquifer Authority	SARIP San Antonio River Improvements Project
EDYS Ecosystem Dynamic Simulation	SCADA Supervisory Control and Data Acquisition
FEMA Federal Emergency Management Agency	SCTRWPG South Central Texas Regional Water Planning Group
FWRS Flood Warning and Response System	SPC San Pedro Creek
GIS Geographic Information System	SR Stream Restoration
GPD Gallons per Day	TBL Triple Bottom Line
GSI Green Stormwater Infrastructure	TCEQ Texas Commission on Environmental Quality
GWSW Ground Water Surface Water	TIF Tax Increment Financing
HEC Hydrologic Engineering Center	TIRZ Tax Increment Reinvestment Zone
ICM Integrated Catchment Modeling	TWDB Texas Water Development Board
IGCR Intergovernmental/Community Relations	TxDOT Texas Department of Transportation
ILA Interlocal Agreement	UDC Unified Development Code
LEED Leadership in Energy and Environmental Design	USACE U.S. Army Corps of Engineers
LID Low Impact Development	USAR Upper San Antonio River
LIDAR Light Detection and Ranging	USGS US Geological Survey
LOMR Letter of Map Revision	WSC Westside Creeks
LSAR Lower San Antonio River	WSM Watershed Management
MGD Million Gallons per Day	WSMP Watershed Master Plan
MROC Mission Reach Operations Center	WW Wastewater
NCD Natural Channel Design	WWTP Wastewater Treatment Plant
NPS National Park Service	