



SAN ANTONIO  
RIVER AUTHORITY

A POLITICAL SUBDIVISION OF THE STATE OF TEXAS

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@SANANTONIORIVER

# ANNUAL BUDGET DETAIL

Fiscal Year 2021-2022



## **COVER IMAGE**

**Photo by Charlotte Mitchell**

2020 San Antonio River Clicks Photo Contest

Seasonal Variation Category Winner and Bexar County Category Winner

# VISION

Inspiring Actions for Healthy Creeks and Rivers.

# MISSION

Committed to Safe, Clean, Enjoyable Creeks and Rivers.



## SAN ANTONIO RIVER AUTHORITY

# ANNUAL BUDGET AND WORK PLAN

July 1, 2021 - June 30, 2022

### 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>
Derek Boese	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 External Communications
Rick Trefzer, CMA	Director of Support Services
Shawna Arroyo	User Services Manager
Kerry Averyt, P.E.	Engineering Design & Construction Manager
Katie Brought	Brand and Public Communications Manager
Jennifer Crocker, CPA, CMA	Accounting and Budget Services Manager
Shaun Donovan	Environmental Sciences Manager
Kristen Hansen	Watershed and Park Operations Manager
Brian Mast, JD	Government Affairs Manager
Connie Real	Real Estate Manager
Aarin Teague, PhD, P.E.	Ecological Engineering Manager
Vacant	Utilities Manager



**PREPARED BY:**

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Amy Zola, Project Management Officer



SAN ANTONIO  
RIVER AUTHORITY

**SAN ANTONIO RIVER AUTHORITY**  
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June 16, 2021

TO: Board of Directors

VIA: Derek Boese, General Manager

FROM: Rick Trefzer, Director of Support Services

SUBJECT: Fiscal Year 2021-2022 Budget

The San Antonio River Authority's FY 2021-22 (FY22) Budget and Work Plan is presented for your consideration. The 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 FY22 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 continued to place emphasis on how to more clearly communicate our goals and objectives to internal and external audiences throughout the district. To help ensure alignment with the Board of Directors, staff once again facilitated a 'priorities survey' that helped in shaping the recommendations within the Proposed Budget.

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 introduction 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 key issues and priorities taken into consideration in assembling the FY22 Budget.

**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**

Derek Boese, JD, PMP

## **Key Issues**

The FY22 Budget Development process was highlighted by the continued impact of the Coronavirus (COVID-19), the selection of the new General Manager, and uncertainty surrounding future property tax revenues. These factors added an extra layer of complexity to the process which leans heavily on the strategic direction and available revenues to execute the adopted work plan.

As staff transitioned back to the office given improving health information within the community, the budget process was completed with a mix of in-person and remote coordination across the organization. In April 2021, the decision was made to work towards bringing staff back to the offices at 100%. Staff is hopeful that we have turned the corner as it relates to COVID-19 and prepared to get back to full strength in many areas that were affected by work-from-home and/or quarantine situations.

Also, in May 2021 the River Authority welcomed Derek Boese to the organization as the new General Manager. During the budget development process, a conscious decision was made to ‘stay the course’ with our current plan that extends to FY23 per the existing adopted Strategic Plan. With new incoming leadership the budget allows for the existing level of service and new projects as presented and approved by the Board. Maintaining continuity in our core activities allows time for the incoming General Manager to transition and assess the future direction of the River Authority.

Additionally, the property tax rate and associated revenues generated a fair amount of discussion as staff attempt to anticipate the relationship between district valuations, the pandemic, and characteristics of increased demand and inflation in the marketplace. As the budget for fiscal year 2020-21 was adopted there was uncertainty surrounding what impact COVID-19 would have on future property tax valuation within the district. Upon receiving the Certified Property Values in July 2020, the values reported were 3.5% higher than those used in the Adopted Budget. Preliminary values received in 2021 indicate that it is unlikely that the impact of the pandemic and economic conditions will result in a decrease in property values. The FY22 budget is built on an increase in property values of nearly 4% across the four-county district.

## **Key Priorities**

As the River Authority is nearing completion of several projects that were accelerated in FY19, there are several projects and initiatives that will begin to take priority within the next budget cycle.

The FY22 Budget’s largest capital project continues to be the San Pedro Creek Culture Park. The completion of Phase 1.2 is expected, while construction activity for Phases 1.3 and 2 will begin to ramp up. Beyond San Pedro Creek, the River Authority is in the initial stages of

advancing the multi-year Bexar County River and Creek Program. Staff activities and actions of the Bexar County Commissioners Court and the River Authority Board will be critical to shaping the path for this estimated \$240 million program. Staff will be working with Bexar County to select and prioritize projects that support ecosystem restoration and recreation throughout the Bexar County's watershed.

After multiple years of planning and design while keeping the Board abreast of the current state of utility operations at the River Authority, the once 'imminent plant expansion' at both the Salitrillo and SARA Wastewater Treatment Plants are here. In FY22, both plants will actively be under construction helping to address capacity and water quality challenges presented by aging infrastructure and development with our service areas. Economic conditions are predicted to add complexity for the projects from a supply chain and construction cost perspective. Though at this time, both expansions are planned to be completed in the fourth quarter of next calendar year.

The Texas Sunset Commission will have the River Authority on their schedule for the 2022-23 Review Cycle. Staff has been planning and preparing for the evaluation of our agency by the Commission. Early in FY22, it is expected that introductory meetings will be held to kick off the process that should extend over two fiscal years. Upon completing a multiple month exercise of responding to various inquiries the Commission will develop recommendations that are likely to be presented during the 2023 legislative session.

Over the past two fiscal years, staff has continued to work in collaboration with the project architect, Facilities Task Force, and Board to address space and facilities for the River Authority. It is anticipated that the Guenther headquarters facility will begin renovation activities in the first or second quarter of the new fiscal year. This will be a major step in advancing plans to address facility concerns and constraints as we move into the future.

### **Budget Summary**

The direction of the Adopted 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 are \$318.2 million across all Funds. The Budget Book Table of Contents outlines the major sections of information that make up the 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. Staff has proposed that services and project funding established through the annual budget process are supported without adjustment of the existing property tax rate of \$1.858 cents per \$100 in valuation. The Adopted Budget

includes appropriation to continue the base level of service and recommends New Resources for FY22:

**General Fund – New Resources: \$7,930,507**

- Personnel: \$671,375
- Operations: \$1,183,732
- Capital: \$543,000
- Projects: \$5,532,400

Appropriations across all Utilities Funds increase 7.5% as compared to the FY21 Amended Budget. Expenditures are driven by the demand for services related to development within the service areas, authorization of construction and improvements (C&I) activity within the three wastewater systems managed by the River Authority, and the renewal of wastewater infrastructure. Utility rates continue to follow planned adjustments based on the rate model that takes into consideration operating cost and the ten-year capital improvement plan. The Proposed Budget supports ongoing departmental activity and the advancement of the Capital Improvement Program:

**Utility Funds – New Resources: \$17,677,354**

- Personnel: \$252,021
- Operations: \$55,156
- Capital: \$755,500
- Capital Improvement Projects: \$16,614,677

The River Authority has 63 active projects across the General Fund, Park Resources Development Fund, Grants Fund, Utility enterprise funds and other capital project funds, in the FY22 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.

**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 this annual 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.





SAN ANTONIO  
RIVER AUTHORITY

# STRATEGIC PLAN FISCAL YEAR 2021-23

COMMITTED TO SAFE, CLEAN,  
ENJOYABLE CREEKS & RIVERS



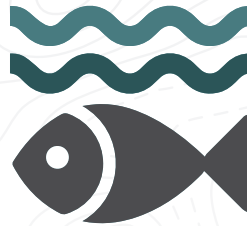
## SAFE

**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



**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.



**WILSON**

**KARNES**

**GOLIAD**

**Bexar County  
District 2**  
Lourdes Galvan



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



**Wilson County**  
Darrell T. Brownlow, Ph.D.

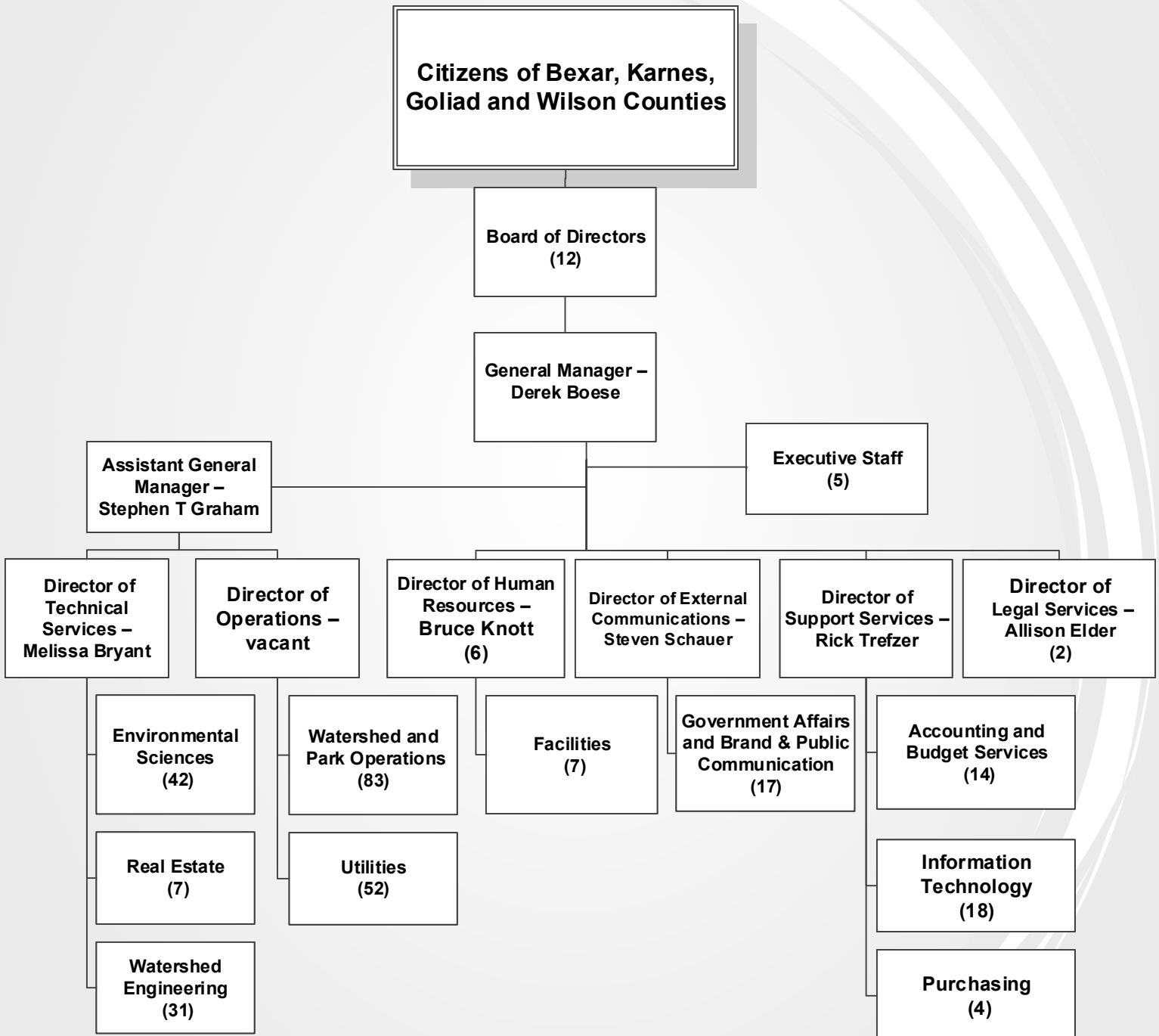


**Karnes County**  
Gaylon J. Oehlke



**Goliad County**  
Alicia Lott Cowley







GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished  
Budget Presentation  
Award*

PRESENTED TO

**San Antonio River Authority  
Texas**

For the Fiscal Year Beginning

**July 1, 2020**

*Christopher P. Morill*

Executive Director



# Budget Overview



Photo by Karyn Robinson  
2020 River Clicks Photo Contest  
Creeks & Rivers Category Winner



# Budget Guide

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## Overview

This overview is designed to assist the reader in the use and comprehension of the San Antonio River Authority's (River Authority) FY 2021-22 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 2021-22 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.

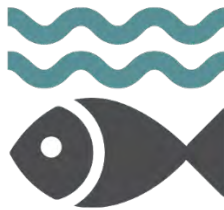
**Capital Project Funds** – This section consists of the River Authority’s ten capital project funds. Within this section the reader will find a description of the fund and the budget information for each project. For more detailed information on specific projects readers can refer to the Projects section of this annual detail budget book.

**Projects** – Sixty-three (62) projects are recognized in the FY 2021-22 Adopted Budget. A detailed project sheet has been included for all projects in this section, except for CTP Risk Map Lower San Antonio Watershed FY21. 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 identified below.



**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 2021-22 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. 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. The current strategic plan is a long-range plan that covers fiscal years 2021-2023.



## Financial Planning and Management Process:

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

- 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 management with long-range operating financial plans. During the strategic planning process the forecast and its set of assumptions are presented to the management team. If the assumptions change, the forecast will change. These planning tools are used to ensure the River Authority can meet its strategic goals identified in the Strategic Plan.
- 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 long-range financial projections, strategic plan, and the Board's policy direction. Available funding is allocated to provide the resources needed to accomplish the plan.
- 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 Adoption

The River Authority Board of Directors adopts the annual budget and work plan every June. There is an opportunity for citizens to be heard at any meeting leading up to and on the day of budget adoption. Additionally, River Authority staff works with its wholesale sewer customers on its annual wastewater operating budget and the sewer fees needed for the upcoming year. As part of that process River Authority staff meets with the individual wholesale customers and presents information at their city council meetings. Since the River Authority adopts its budget prior to the setting of the tax rate there are additional public hearings available for citizens to be heard prior to the Board of Directors adopting the tax rate in September.

## 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 increase 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 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

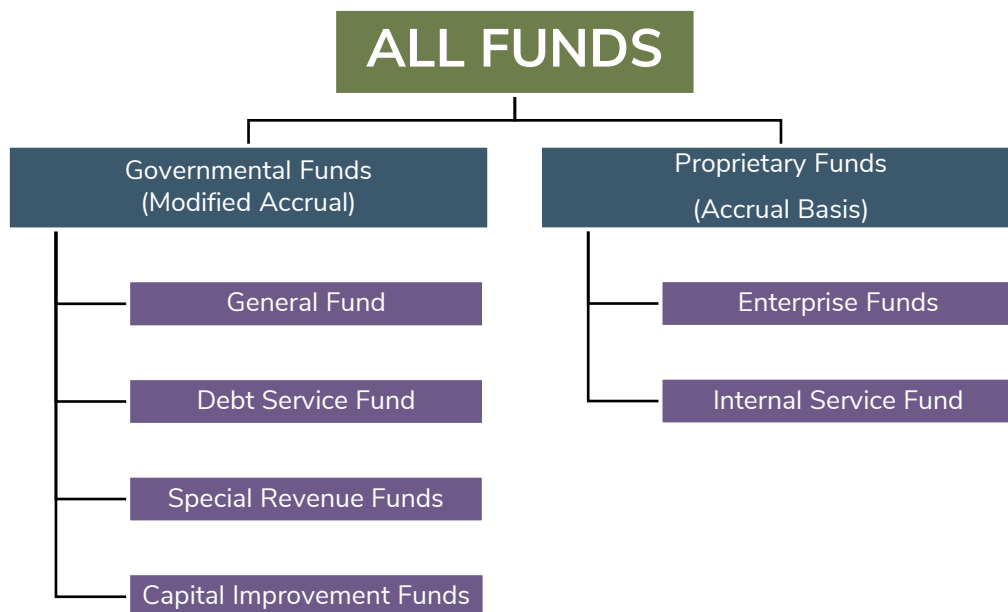
Each expenditure group is the sum of individual, similar line-item allocations. This presentation of budget data is designed to provide departments with detailed information but with greater flexibility in the management and control of their budgets. This system reduces unnecessary bureaucratic control 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 15 individual governmental funds that includes six special revenue funds and nine capital project funds, which are listed below.

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

## 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"><li>•Randolph Air Force Base Operating Fund</li><li>•Salitrillo Operating Fund</li><li>•San Antonio River Authority Wastewater Systems Operating Fund</li></ul>	<ul style="list-style-type: none"><li>•Insurance Fund</li></ul>

## **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 Systems Operating Fund
- Salitrillo Operating Fund

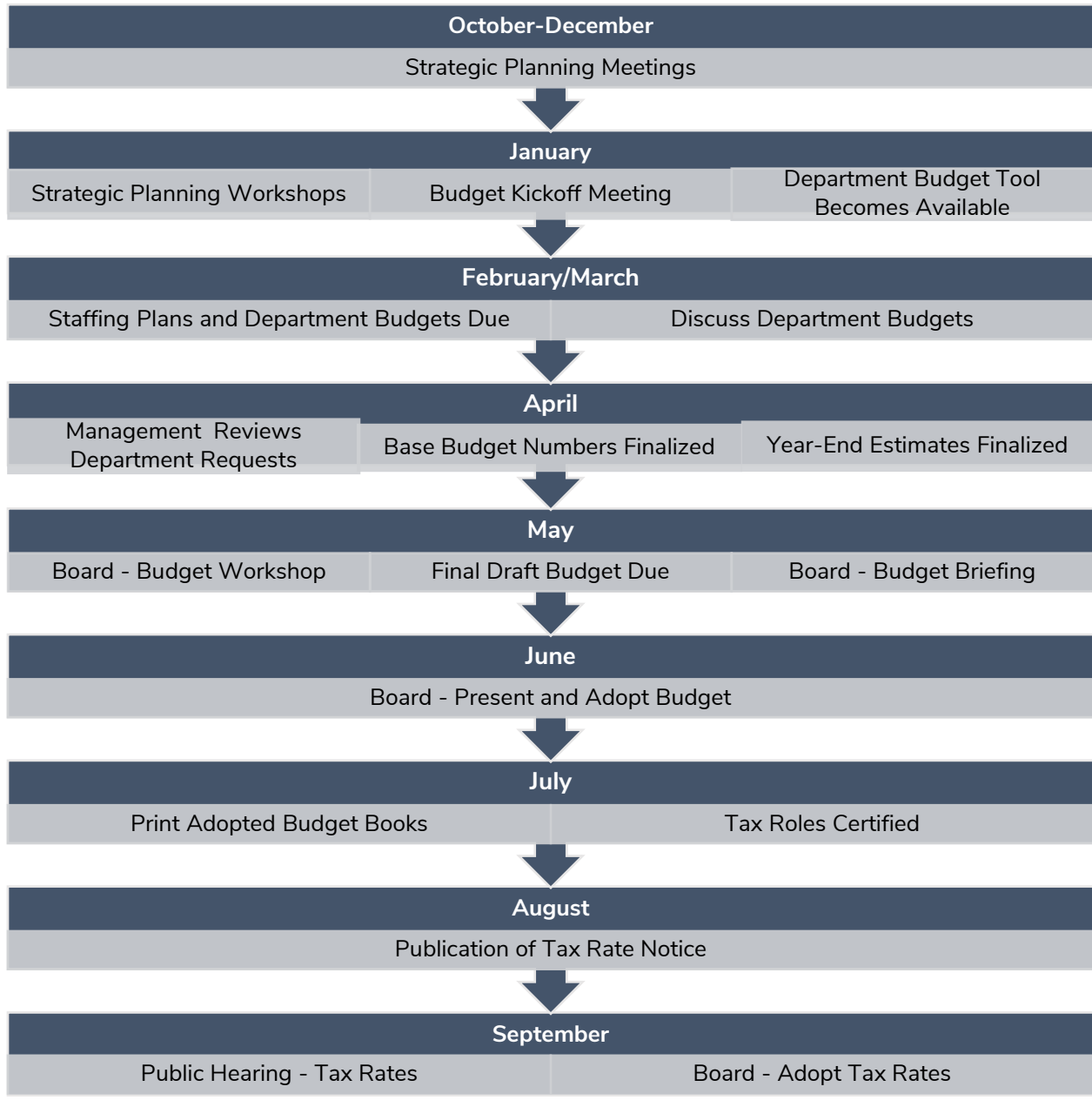
A description of each of the River Authority's active funds (or groups of funds) that account for all the River Authority's revenues and expenditures can be found on the fund pages in the General Fund, Utility Funds, Special Revenue and Other Funds, and Capital Project Funds sections.

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## FY 2021-22 Budget Process

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The budget process kicks off with Strategic Planning sessions in October. 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.



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## FY 2021-22 Budget Development Coordination Calendar

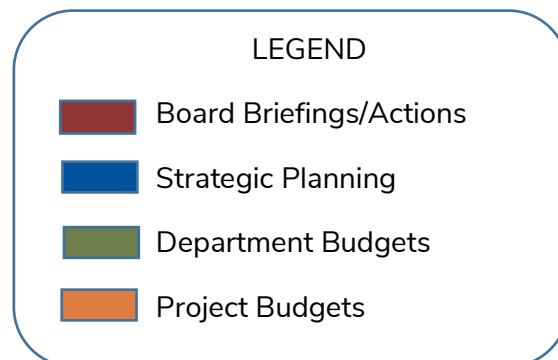
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October	<ul style="list-style-type: none"><li>•10/12 - Fiscal &amp; Ops. - Q1 SP Report</li><li>•10/13 - 12/31 - Strategic Plan Focused Goal Meetings</li><li>•10/27 - Strategic Plan Process Overview (Manager Meeting)</li></ul>
November	
December	<ul style="list-style-type: none"><li>•12/9 - Comm. - Q1 SP Report</li></ul>
January	<ul style="list-style-type: none"><li>•1/11 - Fiscal - Budget Process Briefing, 5 Year Forecast &amp; Q2 SP Report; OPS Q2 SP Report</li><li>•1/11 - Dept. Budget Tool Available</li><li>•1/11 - Idea Submission and Existing Project Request for New Funds FY22 Deadline</li><li>•1/15 - SP Workshop 1 (MROC or Sheridan)/ Mid-Year Review</li><li>•1/26 - SP Workshop 2 (Boardroom)/ FY22 Budget Kickoff Meeting</li><li>•1/25 - 2/3 - Department Budget Kickoff's</li><li>•1/26 - Budget Kickoff (Manager Meeting)</li></ul>
February	<ul style="list-style-type: none"><li>•2/1 - Project Budget Kickoff/Tool Available</li><li>•2/4 &amp; 2/11 - Project Budget Tool Open House</li><li>•2/8 Special Board - Budget Workshop</li><li>•2/18 &amp; 2/19 - Initial &amp; Current Project Reviews - Scope, Schedule, and Budget</li><li>•2/19 - Staff Plans (HR) &amp; Department Budgets Due</li></ul>
March	<ul style="list-style-type: none"><li>•3/1 - 3/5 - Discuss Department Budgets ( Managers &amp; Directors)</li><li>•3/5 - Project Budget Tools Due</li><li>•3/22 - Project Evaluation &amp; Sorting</li><li>•3/29 - Executive Team Budget Brief</li></ul>



April	<ul style="list-style-type: none"> <li>•4/2 - Distribute Project Funding Recommendations</li> <li>•4/2 - Distribute Department Funding Recommendations</li> <li>•4/7 - Management Team Review</li> <li>•4/9 - Year End Estimate, Base Budget #'s Finished</li> <li>•4/12 - Fiscal - Budget Update &amp; Q3 SP Report, OPS Q3 SP Report</li> <li>•4/14 - Comm. - Q3 SP Report</li> <li>•4/28 - Department Narratives and Performance Measures Finalized</li> </ul>
May	<ul style="list-style-type: none"> <li>•5/7 - Final Draft Budget Due / Deliver Budget Books</li> <li>•5/7 - Board - Deliver DRAFT Budget Books</li> <li>•5/10 - Fiscal - Budget Briefing</li> <li>•5/19 - Board - Budget Briefing</li> </ul>
June	<ul style="list-style-type: none"> <li>•6/7 - Board - Budget Workshop ( if needed)</li> <li>•6/16 - Board - Present and Adopt FY21 Budget</li> </ul>
July	<ul style="list-style-type: none"> <li>•7/1 - Fiscal Year Begins</li> <li>•7/25 - Tax Roles Certified</li> </ul>
August	<ul style="list-style-type: none"> <li>•8/30-9/3 - Publication of Tax Rate Notice</li> </ul>
September	<ul style="list-style-type: none"> <li>•9/15 - Public Hearing -Tax Rates</li> <li>•9/15 - Board - Adopt Tax Rates</li> </ul>

\*Deliver Final Budget Books by August Fiscal Meeting

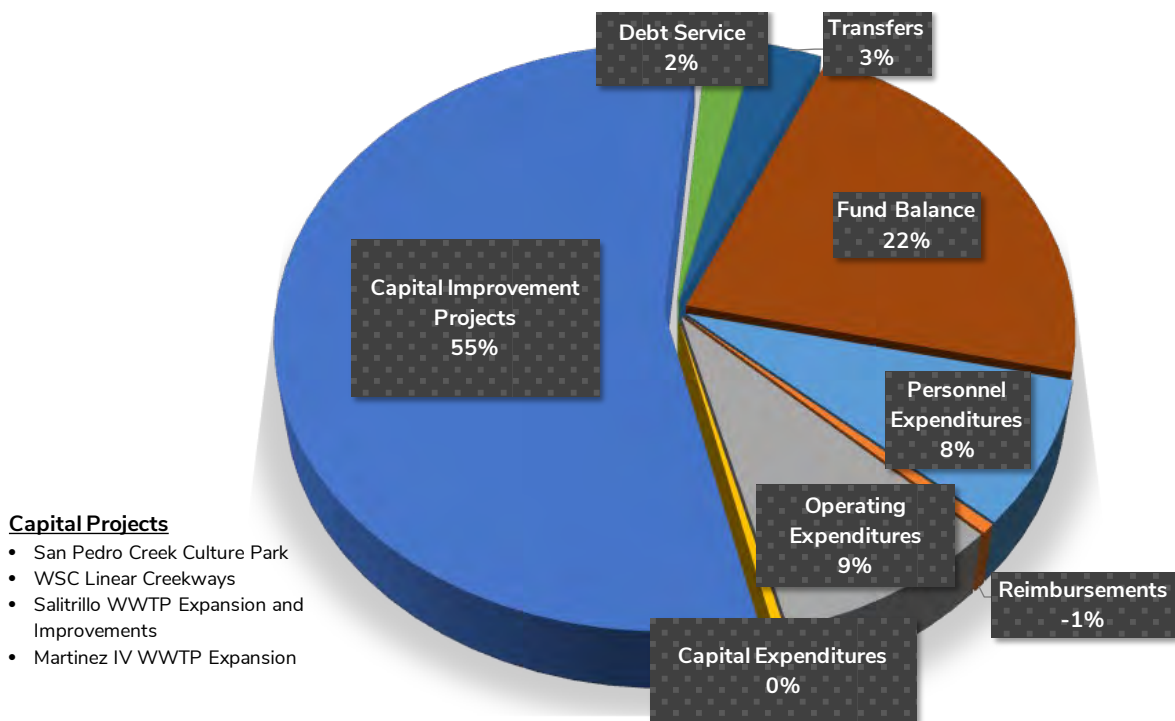




## Fiscal Year 2021-22 Adopted Budget Summary

The FY 2021-22 appropriations total is \$318,184,919 which include reserves of \$70,747,602. Expenditures across all funds total \$247,437,317 which is 18 percent less than the FY 2020-21 Amended Budget.

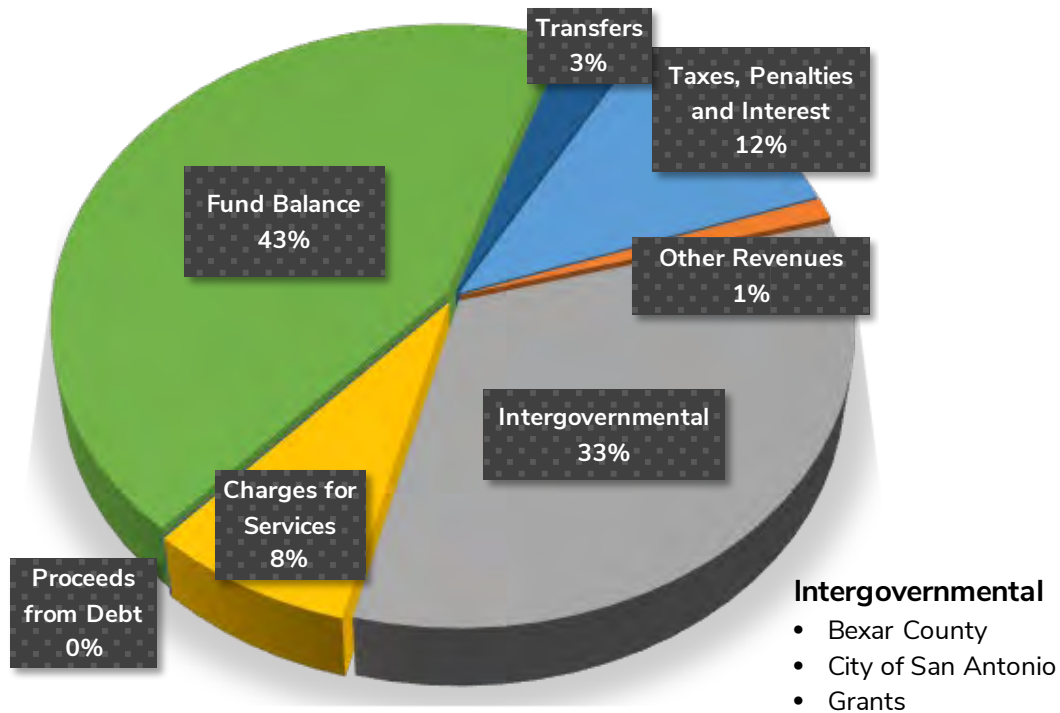
### Total Appropriations: \$318,184,919



Personnel Expenditures	\$ 26,002,199
Reimbursements	(1,745,000)
Operating Expenditures	28,165,994
Capital Expenditures	1,518,500
Capital Improvement Projects	176,890,038
Debt Service	7,053,234
Transfers	9,552,352
Fund Balance	70,747,602
<b>Total Appropriations</b>	<b>\$ 318,184,919</b>

Revenues for FY 2021-22 are \$180,093,217 when all funds are included. Of this amount, \$39,452,280 are total General Fund revenues with \$36,494,040 or 92.5 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: \$318,184,919



Taxes, Penalties and Interest	\$ 36,494,040
Other Revenues	3,642,250
Intergovernmental	105,671,770
Charges for Services	24,737,599
Proceeds from Debt	-
Fund Balance	138,091,701
Transfers	9,547,559
<b>Total Available Funds</b>	<b>\$ 318,184,919</b>

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## FY 2021-22 Adopted Budget Appropriations

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**All Funds** .....\$318,184,919

**General Fund** .....\$51,304,508

### Utility Funds

San Antonio River Authority Wastewater Systems Fund .....\$75,450,202

Salitrillo Wastewater System Fund.....\$44,907,598

Randolph Air Force Base Fund..... \$5,025,725

### Special Revenue Funds

Edwards Water Acquisition/RWRDG .....\$424,447

Grants Fund ..... \$6,776,916

Park Resources Development.....\$286,639

Regional Water Alliance ..... \$36,692

San Antonio Construction Improvements Project Land Sales.....\$264,408

San Antonio River Authority Public Facilities Corporation ..... \$4,904,789

### Other Funds

Debt Service ..... \$3,492,396

Insurance Fund ..... \$7,336,358

### Capital Project Funds

San Antonio River Authority Projects.....\$22,704,457

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

Bexar County Capital Projects .....\$154,538

Bexar County Flood Tax ..... \$20,573

Bexar County Westside Creeks Restoration Projects .....\$73,839,968

City of San Antonio Capital Improvements Projects..... \$3,978,054

City of San Antonio Westside Creeks Restoration Projects.....\$12,415,040

Downstream Capital Improvement Projects .....\$167,656

Other Capital Funds ..... \$4,491,775

*Note: The following funds are closing at the end of FY 2020-21: Medina Dam Fund (14), San Antonio River Industrial Development Authority Fund (24), South Texas Regional Water Planning Group Fund (30), San Antonio River Authority Wastewater System Construction and Improvements Fund (80), Salitrillo Construction and Improvements Fund (81), and the Randolph Air Force Base Renewals and Replacement Fund (83).*

## Budget Summary

### Five-Year Financial Forecast

As part of the budget development process, the River Authority prepares 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 or opportunities, provides the River Authority management team a preliminary outlook of the River Authority's financial position. The forecast exercise was helpful in budget discussions as economic conditions may impact future fiscal years. In developing the forecast, the River Authority assumes the continuation of the base level of service needed to continue supporting its mission of Safe, Clean, and Enjoyable creeks and rivers. 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 2022 Estimate	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
<b>Revenue</b>						
Property Tax	\$36.5	\$37.2	\$38.3	\$39.5	\$41.5	\$43.5
Intergovernmental	0.23	0.50	0.30	0.20	0.20	.20
Charges for Services	0.49	0.50	0.50	0.50	0.50	.50
Support Fees	2.1	2.0	2.1	2.1	2.1	2.2
Miscellaneous	0.03	0.04	4.9	0.04	0.04	.04
Investment Income	0.075	0.2	0.2	0.2	0.2	.2
<b>Total Revenue</b>	<b>\$39.4</b>	<b>\$40.4</b>	<b>\$46.3</b>	<b>\$42.5</b>	<b>\$44.5</b>	<b>\$46.6</b>
<b>Base Operating Expenditures</b>						
All Operating Expenditures	\$31.7	\$32.9	\$34.7	\$35.5	\$37.1	\$38.4
Debt Service Transfers	1.6	1.6	1.6	1.1	1.1	1.0
SARA Project Fund Transfers	5.8	4.4	4.1	4.1	4.1	4.1
<b>Total Operating Expenditures</b>	<b>\$39.1</b>	<b>\$38.9</b>	<b>\$40.4</b>	<b>\$40.7</b>	<b>\$42.3</b>	<b>\$43.5</b>

**Forecast Revenues** – Property tax revenue accounts for 92.6% of all revenue in the FY 2021-22 General Fund Adopted Budget. 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 commercial property valuations will decline in the near term, however the residential market remains strong and will continue to see increases in value. Overall, the residential gains are anticipated to be higher than the commercial losses which results in an increased market value. The property tax revenue projected to be generated through the forecast period assumes growth in property values and no change in the River Authority's Property Tax Rate.

#### Projected Annual Growth in Property Values

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
2.0%	3.0%	3.0%	5.0%	5.0%

## **Budget Summary**

Additionally, a decrease in Intergovernmental Revenue is anticipated in future years as reimbursements from the City of San Antonio and Bexar County for project management of several projects comes to an end. This could change as projects are anticipated begin under the Bexar County Rivers and Creeks Program.

**Forecast Expenditures** – The forecast reflects the annual projected expenditures required to sustain the Fiscal Year 2021-22 level of service along with known upcoming operations and maintenance responsibilities for the San Pedro Creek Culture Park. Increases are primarily attributed to personnel cost such as salaries and employee benefits, to included medical. Other assumptions include increased costs to account for inflation and anticipated capital replacement needs. Additionally, the forecast includes amounts for both new personnel and operating expenditures that is based on the average amount annually seen in budgets. Like Intergovernmental Revenue, a decrease in reimbursements from the City of San Antonio and Bexar County for project management is expected. This could change as other externally funded projects are authorized.

### **Base Operating Expenditures (\$ in Millions)**

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Personnel Expenditures	\$21.6	\$22.4	\$23.1	\$23.9	\$24.7
Reimbursements	(1.1)	(.7)	(.7)	(.6)	(.5)
Operating Expenditures	10.9	11.7	11.8	12.5	12.8
San Pedro Creek O&M	.6	.6	.6	.6	.6
Capital Replacement	.9	.7	.7	.7	.8
<b>Total</b>	<b>\$32.9</b>	<b>\$34.7</b>	<b>\$35.5</b>	<b>\$37.1</b>	<b>\$38.4</b>

Other expenditures included in the forecast are scheduled Debt Service Transfers and transfers that support projects accounted for in the SARA Project Fund. Over the life of the SARA Project Fund, started in FY 2015-16, the amount of new funding has averaged \$4.1 million.

**Forecast Results** – The FY 2023 to FY 2027 Forecast is based on a balanced budget in the General Fund. Over the forecast period the General Fund is balanced and reflects the target of a 25% General Fund reserve in all the years.

## Budget Summary

### 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 \$97 million, or 35%, in comparison to the FY 2020-21 Amended Budget. The River Authority has three main sources of revenue – property taxes, intergovernmental revenue, and charges for services. These categories compose between 75% and 93% 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 2021-22 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 2021-22 Adopted Budget of \$180 million represents total remaining funding for all expenditures, including capital improvement projects that extend to future fiscal years.*



**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



## **Budget Summary**

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 21 active funds represented in the FY 2021-22 Adopted Budget, 14 funds designate a budget for Intergovernmental Revenues. Across all funds, Intergovernmental Revenue is budgeted at \$105,671,770, a decrease from the FY 2020-21 Amended Budget because of capital improvement project expenditures. Over 82% (\$86,248,823) 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.

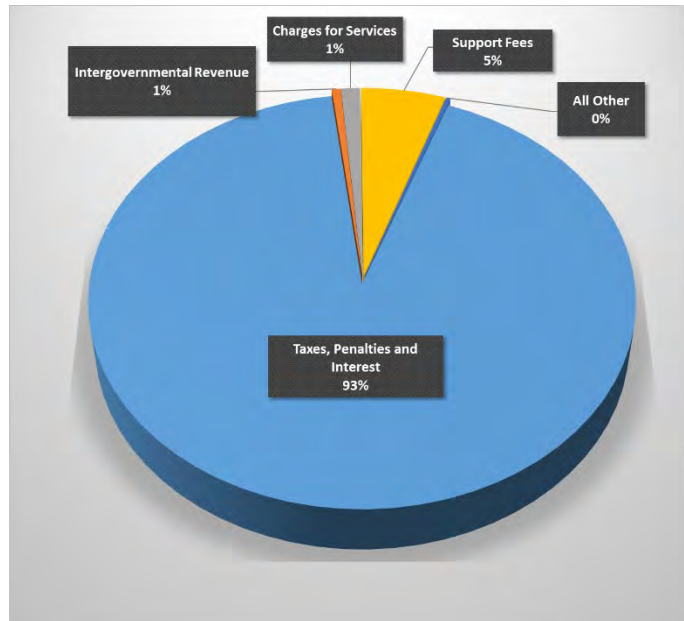


**Charges for Services:** The River Authority generates revenues categorized as Charges for Services made up from wastewater services in the form of sewer fees, laboratory services fees, and other user fees. Of the seven funds showing revenues generated from Charge for Services, the SARA and Salitrillo Wastewater Funds, Insurance Fund and the General Fund are the most notable. This category increases by about \$2.9 million dollars as compared to the FY 2020-21 Adopted Budget. The total across all funds is \$24,737,599 for FY 2021-22.

# Budget Summary

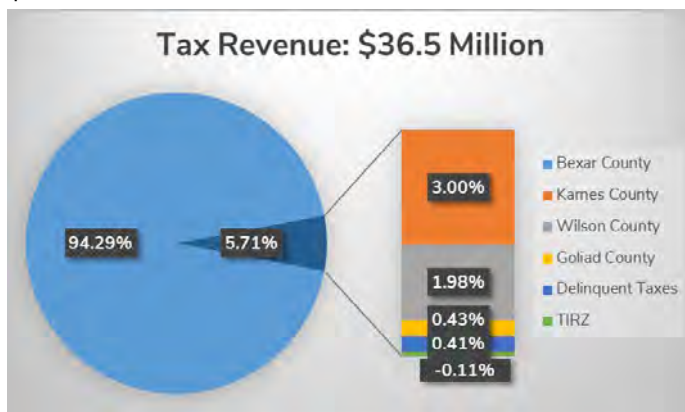
## General Fund Revenues

The FY 2021-22 Adopted Budget for the General Fund includes total revenues of \$39,452,280. This represents a 4 percent increase in comparison to the FY 2020-21 Amended Budget of \$37,899,263. Of the total revenue, \$36,494,040 or 92.5 percent comes from property taxes, \$2,145,840 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 \$482,400 or 1 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 2021-22 Adopted Budget is based on a tax rate of 1.858 cents per \$100 valuation.

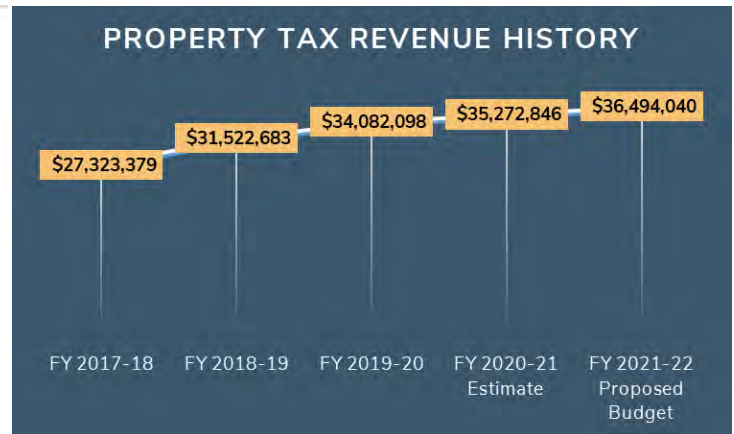
The River Authority's tax is limited to two cents per \$100 of assessed property valuation. The FY 2021-22 Adopted Budget is based on a tax rate of 1.858 cents per \$100 valuation.



Total property valuations are the basis for revenue projections for the River Authority. For FY 2021-22, the preliminary valuations across the four-county district reaches nearly \$206 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 by 5 percent. The

Adopted Budget includes increased values of 5 percent for Bexar County, 8 percent for Wilson County, and a decrease of 22.5 percent for Goliad County as well as a decrease of 20 percent in Karnes. As shown on the next page, property valuations have increased each year from FY 2017-18 through FY 2021-22. 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 remains flat as compared to the FY 2020-21 Amended Budget. Assumptions used for this category include:

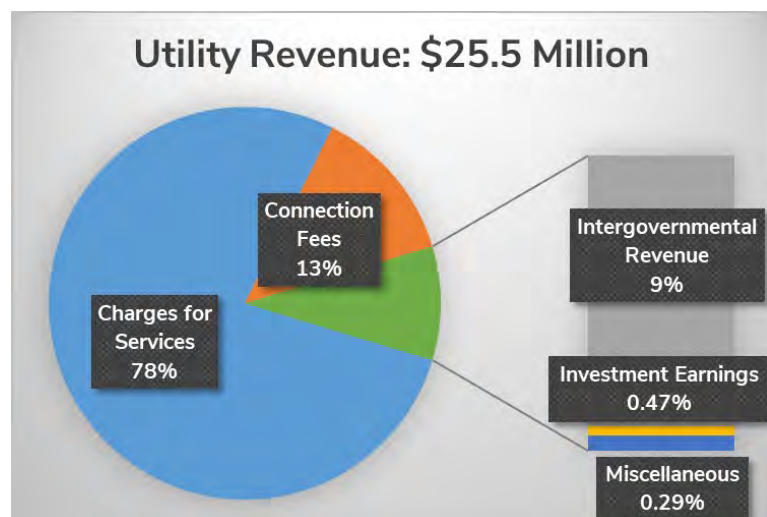
- Notes receivable from loans or other commitments for repayment to the River Authority.
- Payments for services the River Authority performs through General Fund staff labor, such as the O&M of seventeen flood retardant structures for Karnes County.
- For FY 2021-22, it is expected to see minimal change in intergovernmental revenue for project management services.

**Charges for Services:** For FY 2021-22, total budgeted revenue in Charges for Services is reduced to \$482,400. Assumptions used for this category include:

- Revenue from laboratory services did not meet projection established for FY 2020-21. 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 2021-22 Adopted Budget for the Utility Funds, which include the Randolph Air Force Base Fund, Salitrillo Wastewater System Fund, and the SARA Wastewater Systems Fund, includes total revenues of \$25,509,762. This represents a 61% decrease in comparison to the FY 2020-21 Amended Budget. Of the total revenue, \$19,818,371, or 78%, comes from charges for services – sewer fees.



## **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 and rehabilitate the wastewater system for FY2021-22 are projected to be \$1,356,288. Changes in revenues for this fund result from adjustments to the renewal and replacement projects and adjustments based on the economic price adjustment (EPA) process outlined by the Defense Logistics Agency (DLA), which would increase the annual payment for services.

**Salitrillo Operating Fund:** In FY 2021-22, total revenues are budgeted at \$7,590,616 for all wholesale wastewater, retail wastewater, and reuse water services generated by the Salitrillo Wastewater System.

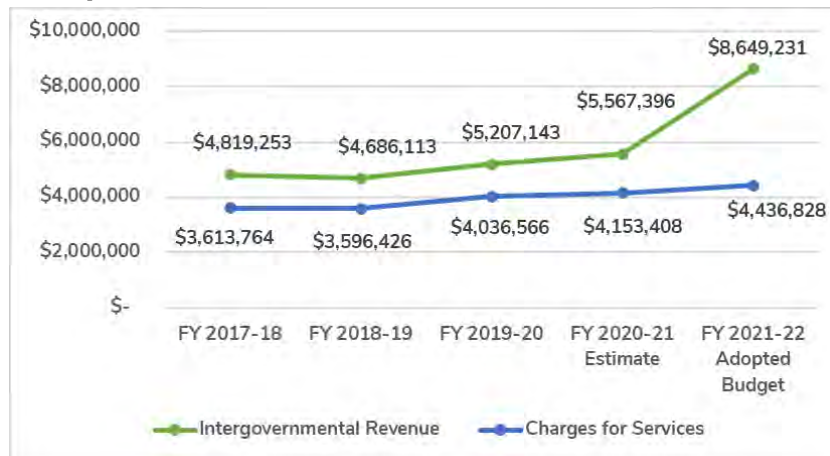
- **Charges for Services – Sewer Fees** increase by 16% in comparison to the FY 2020-21 year-end estimate of \$6,004,996. The increase in Charges for Services is generated by an increase in the retail and wholesale customer rates, equating to an estimated increase of \$3.13 in the monthly sewer charge, 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 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 \$280,846 for FY 2021-22. This revenue comes from agreements between the River Authority and Alamo Colleges District and the City of Universal City for reuse water services.

**SARA Wastewater Systems Operating Fund:** For FY 2021-22, revenues for the SARA Wastewater System, to include revenue generated from the various operating agreements, is budgeted at \$16,557,858.

- **Charges for Services – Sewer Fees** increase by 11% to \$12,677,351 in FY 2021-22. The increase in sewer is generated by an increase of approximately three percent in customer rates, equating to an estimated increase of \$1.39 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 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 \$555,507 for FY 2021-22. 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

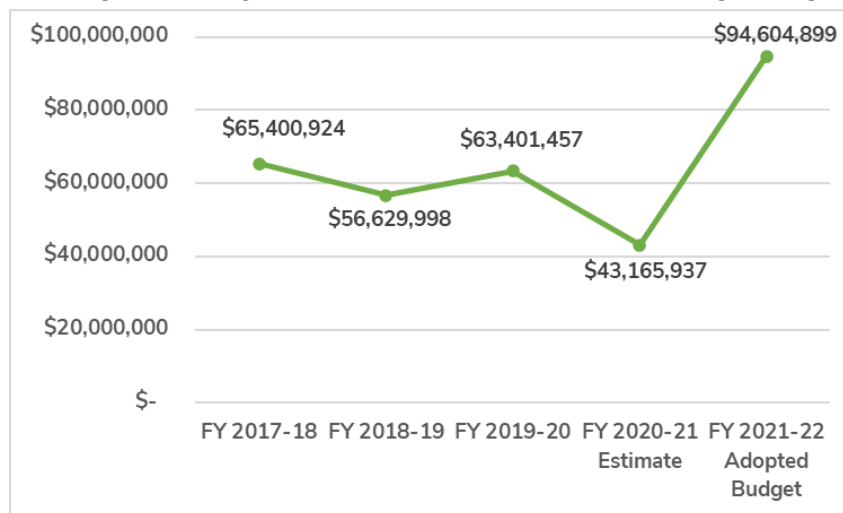


Note: The FY 2021-22 Adopted Budget also includes \$3,483,395 in funding for grants pending award.

**Intergovernmental Revenues** are \$8,649,231 for FY 2021-22. The most significant fund, which comprises 78% 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 (\$4,235,125).

**Charges for Services** increase by 7% in comparison to the FY 2021-22 year-end estimate of \$4,153,408. The most significant fund, which comprises 98% of the \$4,436,828 Adopted 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 2021-22 Adopted Budget \$82,905,285 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 Adopted Budget. Two of the larger entities the River Authority works with are Bexar County and the City of San Antonio. Six funds maintain and account for Bexar County and City of San Antonio revenues. For FY 2021-22, revenues budgeted for Bexar County and City of San Antonio capital improvement funds total \$90,215,043. The FY 2021-22 Adopted Budget of \$94.6 million



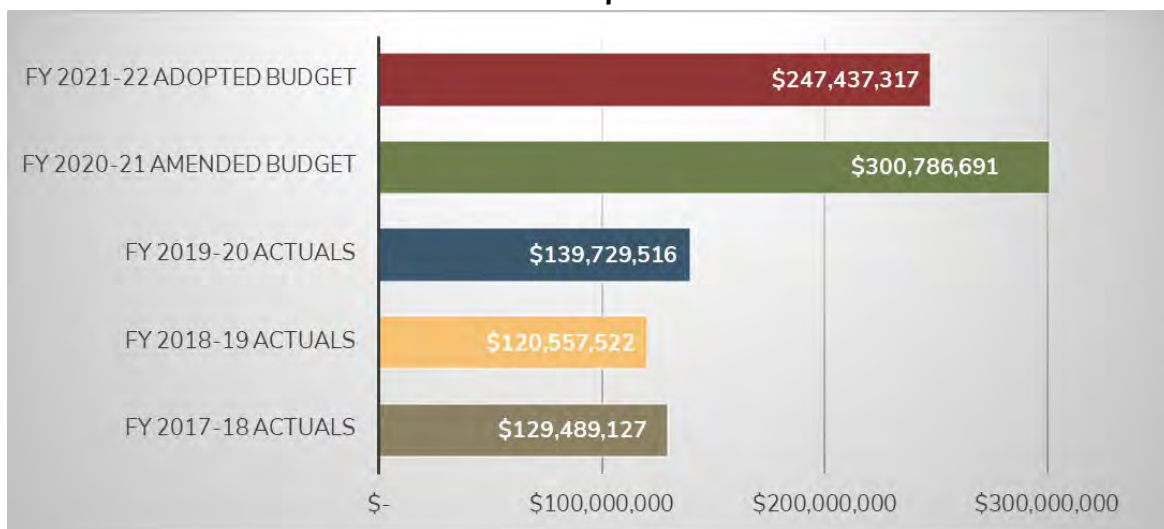
## Budget Summary

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 \$53 million, or 18%, in comparison to the FY 2020-21 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 2021-22 Adopted Budget. In the graph below you can see total expenditures since FY 2017-18. 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 31<sup>st</sup> in the FY 2021-22 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 2021-22 Adopted Budget of \$247 million represents total remaining funding for all expenditures, including capital improvement projects that extend to future fiscal years.*



**Capital Improvements Projects:** For FY 2021-22, total Capital Improvement Projects expenditures are budgeted at \$176,890,038, which accounts for 71% 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 2021-22 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 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.

## Budget Summary

These projects are considered significant non-recurring capital expenditures and are identified in the table below. These projects account for \$146,391,975, or 83%, of the \$176,890,038 FY 2021-22 Adopted Budget for Capital Improvement Projects.

Project Name	Adopted Project Budget	Project Page Number
Escondido Creek Parkway	\$7,422,908	170
Escondido Creek Parkway Phase II	\$200,000	159
Espada Park	\$150,000	192
Facilities Acquisition and Improvements	\$14,457,213	171
Helton Boat Ramp	\$85,000	196
Kenedy Operations Center	\$130,000	200
Martinez II/Upper Martinez Interconnect Line	\$350,000	163
Martinez IV Collection System CIP	\$2,905,000	202
Martinez IV Collection System CIP – Project 29	\$1,500,000	174
Martinez IV WWTP Expansion	\$21,800,000	175
Mission Reach	\$255,548,458	204
Randolph Air Force Base R&R Program	\$6,665,684	177
Roadway Collection System Projects	\$1,300,000	212
Salitrillo WWTP Expansion & Improvements	\$29,165,000	215
San Pedro Creek Culture Park	\$274,859,694	216
San Pedro Creek Operations Center	\$1,435,957	217

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 31<sup>st</sup> for the fiscal year. As a result, the FY2020-21 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 \$26,002,199, or 10.5%, of the FY 2021-22 Adopted Budget. Increases in base personnel expenditures are mostly attributed to a cost-of-living adjustment. Additional detail for newly authorized expenditures related to personnel is provided in the New for Fiscal Year 2021-22.



**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 \$28,165,994, or 11%, of the FY 2021-22 Adopted Budget.

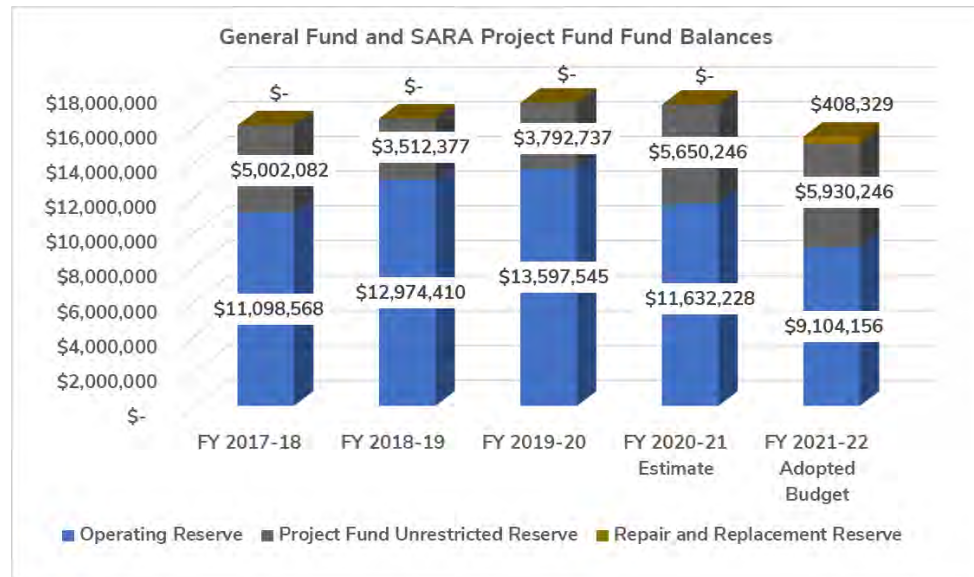
### General Fund and SARA Project Fund Reserves

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



## Budget Summary

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 2021-22 Adopted Budget sees a decrease in the General Fund operating reserve of \$2.5 million as compared to the FY 2020-21 Estimate. This decrease is due to FY 2020-21 carryforward fund balance that is allocated within the FY 2021-22 Adopted Budget and the establishment of a repair and replacement reserve. The ending fund balance for FY 2017-18 through FY 2019-20 also include savings from those fiscal years which were carried forward into the following years budget.

**Repair and Replacement Unrestricted Reserve (General Fund)** – The River Authority is establishing a separate line item for a new reserve in the FY 2021-22 Adopted Budget. These funds may be utilized to fund capital asset renewal, long-term major repairs, and other unexpected expenses of buildings, parks and trails, technology, fleet and heavy equipment, and equipment used by staff.

**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 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.

## **Budget Summary**

### **Changes in Fund Balance**

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

#### **Major Funds**

**General Fund** – Due to the spending down of fund balance that is carrying forward from the FY 2020-21 Amended Budget, the General Fund ending balance is decreasing by 20%.

**SARA Wastewater Fund** - In FY 2020-21 the River Authority issued bonds for the Martinez WWTP Expansion and Improvements Project. Expenditures associated with this project and other capital improvement projects will draw down on the available fund balance, decreasing it by 36%.

**Salitrillo Wastewater 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 73%.

**Bexar County Westside Creek Restoration Projects Fund** – Since this fund is comprised of external funding for projects and the River Authority budgets the remaining project budget as of March 31<sup>st</sup> the ending balance is zero. This is a 100% decrease from the beginning balance.

#### **Non-Major Funds**

**SACIP Land Sales Fund** – There is only one project budgeted in this fund for FY 2021-22. Revenues into the fund are anticipated to be roughly the same as FY 2020-21, which results in an increase to the ending fund balance of 14%.

**Park Resources Development Fund (PRDF)** – The FY 2021-22 Adopted Budget includes funding for two projects, Helton Boat Ramp and Kenedy Operations Center. These expenditures are drawing down on available fund balance, decreasing it by 48%.

**Insurance Fund** – The FY 2021-22 Adopted Budget includes projects expenditures to be less than revenues. With the beginning balance this results in an increase the ending balance of 25%.

**RAFB Air Force Base Fund** – The River Authority completes projects annually that improve the RAFB wastewater system. These projects are funded through a contract with the federal government and are managed by its fiscal year, which runs from October 1<sup>st</sup> through September 30<sup>th</sup> each year. Since the River Authority recognizes the full remaining budget and the next year's

## **Budget Summary**

projects on the General Ledger as of March 31<sup>st</sup> the available fund balance is drawn down and decreases by 38%.

**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 31<sup>st</sup> in the FY 2021-22 Beginning Balance. This results in a decrease of the available balance by 65%, leaving the unrestricted reserve once funding is restored, or carried forward, for the upcoming fiscal year.

**Bexar County Capital Projects Fund** – The Adopted Budget includes funding for two projects. Government Canyon Stream Restoration accounts for \$100,000 and Lakewood Acres accounts for the remainder. The River Authority anticipates spending the \$100,000 in FY 2021-22 there is a 51% decrease in the fund balance.

**SARA Public Facilities Corporation Fund** – The River Authority issued bonds in FY 2020-21 for the acquisition and renovation of office space. In FY 2021-22 the Facilities Acquisition and Improvements Project will be drawing down on these funds resulting in a decrease to the fund balance of 100%.

**Edwards Water Acquisition/Regional Water Resources Development Group (RWRDG) Fund** – The River Authority manages water rights leases and purchases on behalf of other public entities that are part of the RWRDG group. Since these funds are restricted for that use the budgeted ending balance is zero which is a 100% decrease to the fund balance.

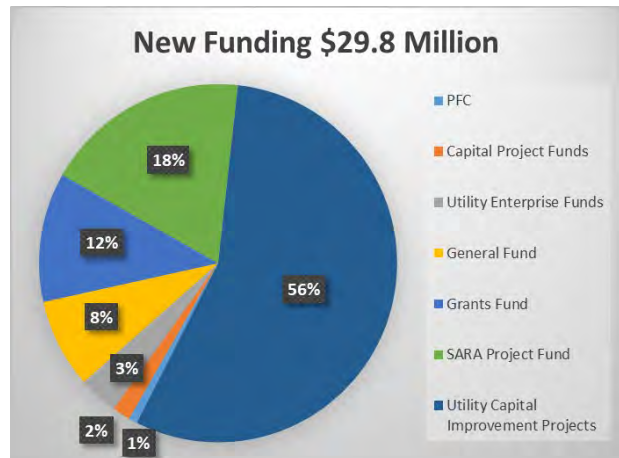
The following funds account for external funding for projects where the River Authority budgets the remaining project budget as of March 31<sup>st</sup>. This results in an ending balance of zero for the fund and represents a 100% decrease from the beginning balance.

- **City of San Antonio Capital Improvements Project Fund**
- **Bexar County SARIP Flood Tax Fund**
- **Downstream Capital Improvements Project Fund**
- **City of San Antonio Westside Creeks Restoration Project Fund**
- **Other Capital Projects Fund**



## New for Fiscal Year 2021-22

Across all funds there is \$29,809,836 in 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 departmental resources can be found in the General Fund and Utility Funds sections.

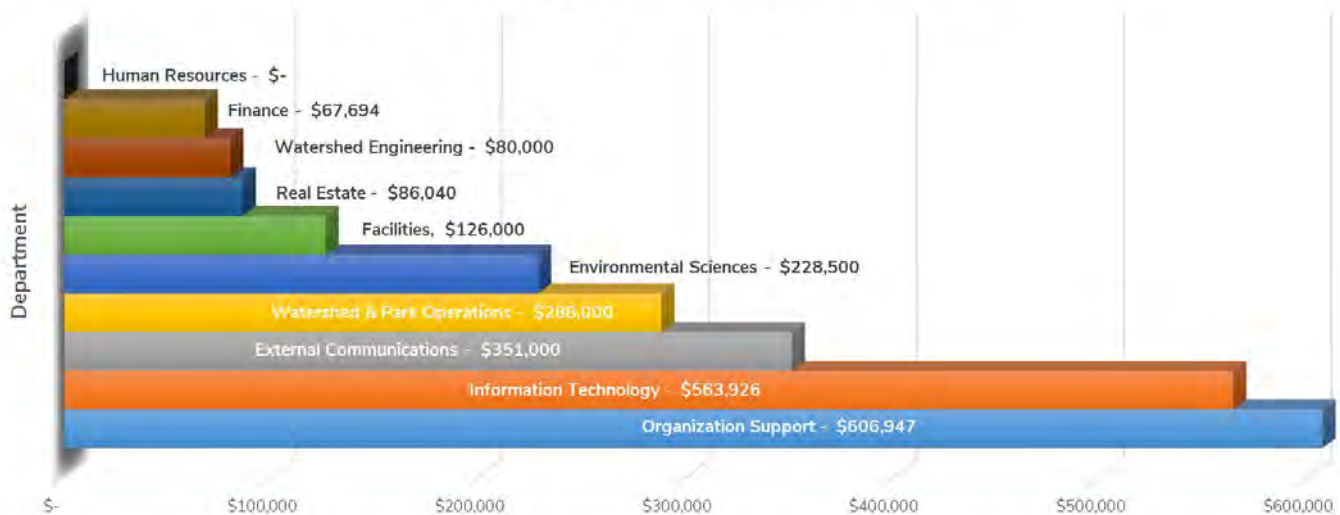


### General Fund



For FY 2021-22, \$2,398,107 in new resources is to be funded through the General Fund. This includes \$671,375 for personnel, \$1,183,732 for operations, and \$543,000 for capital. Excluding the cost-of-living adjustment, compared to FY 2020-21 Adopted Budget funding for new resources increased by 19%.

### General Fund - New Resources by Department



**General Government**

**Organization Support & Executive Office**

Market Adjustments and Department Promotions.....	\$158,484
Sunset Review.....	\$115,000
Cost of Living Adjustment Salaries.....	\$321,463
San Pedro Creek Culture Park Art Curator .....	\$12,000

**Facilities**

Trucks (3) .....	\$126,000
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**Finance**

Contracts Coordinator.....	\$67,694
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**Government Affairs and Brand and Public Communications**

Support for San Pedro Creek Culture Park.....	\$35,000
Escondido Creek Parkway Annual Event.....	\$25,000
Household Hazardous Waste Events.....	\$70,000
SASPAMCO Paddling Trail Race.....	\$15,000
Litterati App Subscription.....	\$6,000
Trash Outreach Initiative.....	\$200,000

**Information Technology**

Tech Support Specialist I (FTE).....	\$67,694
Computer Replacements.....	\$192,232
Drive Slots.....	\$44,000
Predictive Flood Modeling Annual Maintenance.....	\$200,000
Azure Hosting Services.....	\$30,000
GIS Data Management.....	\$30,000

**Program Support and Services**

**Environmental Sciences – Planning & Admin.**

Apple Snail Removal.....	\$40,000
JMP Statistical Software.....	\$1,500

**Environmental Sciences – Laboratory**

Total Organic Carbon Analyzer.....	\$35,000
Continuous Temperature Monitoring System.....	\$50,000
Upgrade LabWorks Platform.....	\$10,000

**Environmental Sciences – Sustainable Infrastructure**

Avian Study.....	\$10,000
GSI Credential Course IV : Site Assessment.....	\$22,000
GSI Implementation Strategies Assessment.....	\$60,000

**Real Estate**

Limited Term Employee.....	\$56,040
Shape Files of River Authority Property.....	\$30,000

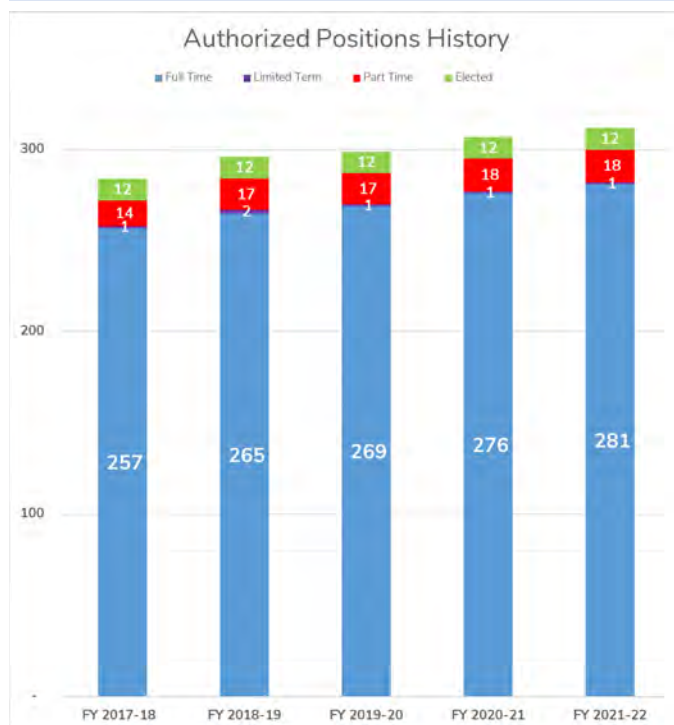
**Watershed and Park Operations**

General Capital Allocation.....	\$250,000
Recreational Equipment at Helton Nature Park.....	\$38,000

**Ecological Engineering**

Watershed Master Plan Maintenance.....	\$55,000
Stream Restoration Program – Training.....	\$25,000

### Staffing



In the FY 2021-22 Adopted Budget, costs associated with personnel across all funds increase seven percent as compared to the FY 2020-21 Amended Budget. This increase is due to a cost-of-living adjustment, promotions, and an increase in the number of authorized positions to 312. The new positions, listed below, will support a variety of functions in both operations and support. On the operations side, the Utilities department is adding a collections crew of three to support the Capacity Management Operations and Maintenance (CMOM) Project and a treatment technician to assist with increased flows seen at the wastewater treatment plants. The treatment

technician is planned to start halfway through the fiscal year. In a support role the Finance department is adding a Contract Coordinator to assist with the processing of contracts. Over the past few years, the demand for contracts has increased resulting in a need for increased support. The Information Technology department is converting a form Limited Term Employee (LTE) to Full Time status. The new Tech Support Specialist I will continue to support the River Authority help desk. Finally, the Real Estate department is continuing its Administrative Assistant LTE to support the departments records program.

FY 2021-22 New Positions	Department	Amount
Tech Support Specialist I	Information Technology	\$ 67,694
Contracts Coordinator	Finance	\$ 67,694
Admin LTE	Real Estate	\$ 56,040
CCTV Specialist	Utilities	\$ 62,460
Collections Technician	Utilities	\$ 51,146
Collections Technician	Utilities	\$ 51,146
Treatment Technician	Utilities	\$ 25,573
<b>TOTAL</b>		<b>\$ 381,753</b>

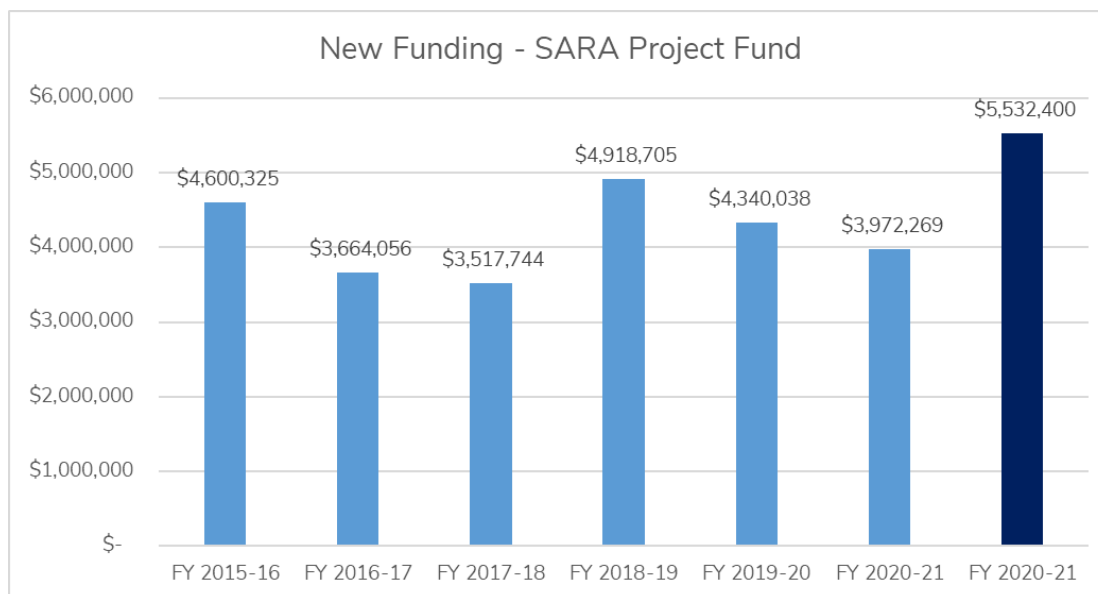
## New for FY 2021-22

Authorized Positions	FY 2019-20 Authorized	FY 2020-21 Authorized	FY 2021-22 Adopted Budget
<u>General Fund</u>			
Board of Directors (elected officials)	12	12	12
Organization Support/Executive Offices	13	15	15
Facilities	7	7	7
Finance	16	17	18
Human Resources	6	6	6
Information Technology and GIS	18	18	18
External Communications	16	17	17
Environmental Sciences	41	42	42
Real Estate	7	7	7
Watershed Engineering	31	32	31
Watershed and Park Operations	81	83	83
<b>Total General Fund</b>	<b>248</b>	<b>256</b>	<b>256</b>
Utilities	52	52	56
<b>Total Positions</b>	<b>300</b>	<b>308</b>	<b>312</b>
Full Time	269	276	281
Limited Term	2	2	1
Part Time	17	18	18
Elected Officials	12	12	12
<b>Total Positions</b>	<b>300</b>	<b>308</b>	<b>312</b>



### SARA Project Fund

\$5,532,400 is included in the FY 2021-22 Adopted Budget for the SARA Projects Fund via a transfer from the General Fund. Of the \$5.5 million, \$1,322,400 is for new projects, \$4,210,000 is new funding for existing projects. Compared to the FY 2020-21 Adopted Budget this represents a 39% increase in SARA Project funding. The main driver of the increase in funding is the commitment to the Facilities Acquisition and Improvements Project which makes up 49% of the \$5.5 million. Over the life of the SARA Project Fund, started in FY 2015-16, the amount of new funding is higher than the average of \$4.1 million per year.



<b>Bexar County Rivers &amp; Creeks Program</b>	<b>\$ 100,000</b>
<b>City of San Antonio Bond GSI Match</b>	<b>\$ 250,000</b>
<b>Downstream Predictive Flood Modeling</b>	<b>\$ 261,000</b>
<b>Escondido Creek Parkway Phase II</b>	<b>\$ 200,000</b>
<b>Facilities Acquisition/Improvements Project</b>	<b>\$ 2,700,000</b>
<b>Floodplain Remapping (2018) – Leon, Salado, and Medina</b>	<b>\$ 60,000</b>
<b>Freshwater Mussel Reintroduction</b>	<b>\$ 85,400</b>
<b>GSI Web-Based Tools</b>	<b>\$ 26,000</b>
<b>GSI Broadway Alamo Heights</b>	<b>\$ 300,000</b>
<b>Management Tool for the I-Drive</b>	<b>\$ 50,000</b>
<b>Mission Reach Boundary Markers</b>	<b>\$ 105,000</b>
<b>Watershed Master Pland Atlas 14 Updates</b>	<b>\$ 595,000</b>
<b>Watershed Master Plans Integration</b>	<b>\$ 500,000</b>
<b>Watershed Wise Rebate Program</b>	<b>\$ 300,000</b>
	<b>\$ 5,532,400</b>

## Utility Enterprise Funds

For FY 2021-22 \$1,062,677 in new resources is funded through the Utility Enterprise Funds. This includes \$252,021 for personnel, \$55,156 for operations, and \$755,500 for capital expenditures. Compared to FY 2020-21 funding for new resources remains flat. There are multiple factors for the increase in FY 2021-22. Personnel expenditures increase largely due to four new positions and capital expenditures increase due to multiple pieces of equipment that need replacement.



### Salitrillo Wastewater Operations

Collections Technician.....	\$15,344
Collections Technician.....	\$15,344
CCTV Specialist.....	\$18,738
Treatment Technician.....	\$7,672
Personnel Adjustments.....	\$13,609
Vehicle Replacement.....	\$80,000
Effluent Flow Meter.....	\$7,500
Utility Database Upgrade.....	\$12,500
Customer Service Portal.....	\$5,000
Tablets.....	\$8,000
Grease Trailer.....	\$6,000
6" Bypass Pump.....	\$36,000
BFP Feed Pump Replacement.....	\$132,500

### SARA Wastewater Operations

Collections Technician.....	\$35,802
Collections Technician.....	\$35,802
CCTV Specialist.....	\$43,722
Treatment Technician.....	\$17,901
Personnel Adjustments.....	\$48,087
BFP Control Panel Modifications.....	\$68,000
Vehicle Replacement.....	\$133,000
Effluent Flow Meter.....	\$7,500
Utility Database Upgrade.....	\$12,500
Customer Service Portal.....	\$5,000
Upper Martinez Floating Aerator .....	\$35,000
Computer Replacement.....	\$12,156
Facilities Improvements.....	\$250,000

### **Utilities Capital Improvement Projects**

The largest increase in new resource funding is for the Utilities Capital Improvements Projects. Beginning in FY 2021-22 the Utilities Construction and Improvement funds are merging with the operating funds. Overall, \$16,614,677 in new funding is included in the FY 2021-22 Adopted Budget. This includes \$500,000 in the Salitrillo System, \$15,475,000 in the SARA Wastewater Systems, and \$639,677 in the Randolph AFB System. Of the \$16.6 million, \$350,000 is for new projects, \$11,650,000 million is additional funding from debt financing to advance the Martinez IV WWTP expansion and Martinez IV Collection System CIP – Project 29, and the remainder is new funding for active projects authorized in prior years.

### **New Utility Project Funding**

#### **Salitrillo Wastewater System Fund**

Capacity Management Operations & Maintenance..... \$500,000

#### **SARA WW Systems Fund**

Capacity Management Operations & Maintenance..... \$500,000

Martinez IV WWTP Expansion..... \$10,150,000

Martinez IV Collection System CIP – Project 29..... \$1,500,000

Martinez II/Upper Martinez Interconnect Line..... \$350,000

SARA WW Maintenance & Improvements..... \$2,975,000

#### **RAFB System Fund**

RAFB Year 19..... \$639,677

### **City of San Antonio Capital Improvements Project Fund**

**Nueva Street Marina Dam Project** is receiving an additional \$142,135 to fund construction. Funding for this work is authorized by the City of San Antonio.

### **City of San Antonio Westside Creeks Restoration Project Fund**

**Westside Linear Creekways Trails and Elmendorf Lake Park Project** is receiving an extra \$291,326 for construction along the Zarzamora Creek trail. Funding for this work is authorized by the City of San Antonio and the San Antonio Water System.

### **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 2021-22, \$231,042 in fund balance is being added to the **Facilities Acquisition and Improvements Project**. The fund balance is a combination of bond proceeds and interest earnings.

### **Downstream Capital Improvements Project Fund**

**Escondido Creek Parkway Project** has received an additional \$54,077 in various donations and investment income over FY 2020-21. The River Authority receives donations throughout the year from the San Antonio River Foundation. These additional funds are being added to the project in FY 2021-22.

### **Grants Fund**

The FY 2021-22 Adopted Budget includes additional grant funding for projects and efforts.

#### **Projects**

**Cooperating Technical Partners (CTP) Lower San Antonio RiskMAP - \$1,456,402** (pending award)

- This project focuses on flood data, including 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. 21. The objective is to incorporate NOAA's Atlas 14 rainfall data in the Lower San Antonio watershed. The goal for this study is to fill in gaps in the River Authority's mapping updates that have not been covered with previous RiskMAP or Floodplain Remapping projects.

#### **Efforts**

**Clean Rivers Program FY 2022 – FY 2023 - \$395,540** (pending award)

- The River Authority is continuing its water quality data collection with funding support from the Texas Commission on Environmental Quality (TCEQ). The CRP provides for the analysis and data gathered management of surface water samples collected throughout the basin. The River Authority has been a participant in the CRP since 1992.

**FEMA Letter of Map Revision (LOMR) - \$150,000** (pending award)

- In the River Authority's tenth grant application with FEMA, staff is continuing its floodplain mapping, report generation, and producing a database of streams studied under Mapping Activity Statement No. 22.

**South Central Regional Water Planning Group (SCRWPG) Region L Sixth Planning Cycle - \$186,453**

- Activity related to Region L was previously accounted for in the SCRWPG Fund 30. Beginning with the sixth cycle this activity will be accounted for in the Grants Fund.

**San Antonio Regional Flood Planning Group (SARFPG) Region 12 Cycle 1 - \$1,295,000**

- The purpose of the SARFPG is to provide comprehensive regional flood planning and to carry out the related responsibilities placed on regional flood planning groups by state law. Foremost among those responsibilities is the development of a regional flood plan for the planning area. The plan identifies both short and long-term flooding issues and recommends flood management strategies for addressing them.

# **ALL FUNDS BUDGET SUMMARY**



*Photo by Myles McEntire*  
2020 River Clicks Photo Contest  
Student Category Winner

<b>All Funds Summary</b> <b>Fiscal Year Ending June 30, 2022</b>
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	FY 2021-22	FY 2021-22
	All Funds	General Fund

<b>AVAILABLE FUNDS</b>
------------------------

**Beginning Balance**

Unassigned Fund Balance	\$ 11,852,228	\$ 11,852,228
Unrestricted Fund Balance	6,339,361	-
Committed Balance	5,953,728	-
Assigned for Projects	11,241,811	-
Restricted Fund Balance	102,704,573	-
<b>Total Beginning Balance</b>	<b>\$ 138,091,701</b>	<b>\$ 11,852,228</b>

**Revenue**

Taxes, Penalties and Interest	\$ 36,494,040	\$ 36,494,040
Intergovernmental	105,671,770	225,000
Charges for Services	24,737,599	482,400
Miscellaneous	130,000	30,000
Investment Earnings	208,500	75,000
Proceeds from Debt Issuance	-	-
Impact/Connection Fees	3,303,750	-
Transfers - Support Fees	2,145,840	2,145,840
Transfers	7,401,719	-
<b>Total Revenue</b>	<b>\$ 180,093,217</b>	<b>\$ 39,452,280</b>

<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 318,184,919</b>	<b>\$ 51,304,508</b>
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<b>APPROPRIATIONS</b>
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**Expenditures**

Personnel Expenditures	\$ 26,002,199	\$ 21,537,962
Operating Expenditures	28,165,994	13,284,549
Capital Outlay	1,518,500	763,000
Capital Improvement Projects	176,890,038	-
Debt Service	7,053,234	-
Transfers	9,552,352	7,406,512
Reimbursements	(1,745,000)	(1,200,000)
<b>Total Expenditures</b>	<b>\$ 247,437,317</b>	<b>\$ 41,792,023</b>

**Ending Balance**

Unassigned Fund Balance	9,104,156	9,104,156
Unrestricted Fund Balance	7,663,882	408,329
Committed Balance	6,076,774	-
Assigned for Projects	-	-
Restricted Fund Balance	47,902,789	-
<b>Ending Balance</b>	<b>\$ 70,747,602</b>	<b>\$ 9,512,485</b>

<b>TOTAL APPROPRIATIONS</b>	<b>\$ 318,184,919</b>	<b>\$ 51,304,508</b>
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All Funds Summary Fiscal Year Ending June 30, 2022	Utility Funds			Special Revenue Funds
	FY 2021-22 SARA Wastewater	FY 2021-22 Salitrillo Wastewater	FY 2021-22 Randolph Air Force Base	FY 2021-22 SACIP Land Sales

#### AVAILABLE FUNDS

##### Beginning Balance

Unassigned Fund Balance	\$ -	\$ -	\$ -	\$ -
Unrestricted Fund Balance	1,873,422	822,281	700,528	-
Committed Balance	-	-	-	-
Assigned for Projects	-	-	-	-
Restricted Fund Balance	57,018,922	36,494,701	2,963,910	214,108
Total Beginning Balance	\$ 58,892,344	\$ 37,316,983	\$ 3,664,437	\$ 214,108

##### Revenue

Taxes, Penalties and Interest	\$ -	\$ -	\$ -	\$ -
Intergovernmental	555,507	280,846	1,356,288	-
Charges for Services	12,862,351	6,956,020	-	50,000
Miscellaneous	75,000	-	-	-
Investment Earnings	65,000	50,000	5,000	300
Proceeds from Debt Issuance	-	-	-	-
Impact/Connection Fees	3,000,000	303,750	-	-
Transfers - Support Fees	-	-	-	-
Transfers	-	-	-	-
Total Revenue	\$ 16,557,858	\$ 7,590,616	\$ 1,361,288	\$ 50,300

<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 75,450,202</b>	<b>\$ 44,907,598</b>	<b>\$ 5,025,725</b>	<b>\$ 264,408</b>
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#### APPROPRIATIONS

##### Expenditures

Personnel Expenditures	\$ 3,018,819	\$ 1,445,419	\$ -	\$ -
Operating Expenditures	2,621,916	1,125,768	276,100	-
Capital Outlay	493,500	262,000	-	-
Capital Improvement Projects	28,477,888	29,834,669	2,491,405	20,179
Debt Service	2,342,561	1,503,637	-	-
Transfers	1,446,489	699,351	-	-
Reimbursements	(545,000)	-	-	-
Total Expenditures	\$ 37,856,173	\$ 34,870,842	\$ 2,767,505	\$ 20,179

##### Ending Balance

Unassigned Fund Balance	-	-	-	-
Unrestricted Fund Balance	1,910,184	864,597	797,714	-
Committed Balance	-	-	-	-
Assigned for Projects	-	-	-	-
Restricted Fund Balance	35,683,846	9,172,159	1,460,507	244,229
Ending Balance	\$ 37,594,030	\$ 10,036,756	\$ 2,258,220	\$ 244,229

<b>TOTAL APPROPRIATIONS</b>	<b>\$ 75,450,202</b>	<b>\$ 44,907,598</b>	<b>\$ 5,025,725</b>	<b>\$ 264,408</b>
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**All Funds Summary**  
**Fiscal Year Ending June 30, 2022**

**Special Revenue Funds**

	FY 2021-22 Public Facilities Corp	FY 2021-22 Industrial Dev Authority*	FY 2021-22 Park Resources Development	FY 2021-22 Water Planning Group*
<b>AVAILABLE FUNDS</b>				
<b>Beginning Balance</b>				
Unassigned Fund Balance	\$ -	\$ -	\$ -	\$ -
Unrestricted Fund Balance	-	-	-	-
Committed Balance	37,193	-	266,289	-
Assigned for Projects	-	-	-	-
Restricted Fund Balance	3,871,612	-	-	-
<b>Total Beginning Balance</b>	<b>\$ 3,908,805</b>	<b>\$ -</b>	<b>\$ 266,289</b>	<b>\$ -</b>
<b>Revenue</b>				
Taxes, Penalties and Interest	\$ -	\$ -	\$ -	\$ -
Intergovernmental	-	-	-	-
Charges for Services	-	-	20,000	-
Miscellaneous	-	-	-	-
Investment Earnings	5,000	-	350	-
Proceeds from Debt Issuance	-	-	-	-
Impact/Connection Fees	-	-	-	-
Transfers - Support Fees	-	-	-	-
Transfers	990,984	-	-	-
<b>Total Revenue</b>	<b>\$ 995,984</b>	<b>\$ -</b>	<b>\$ 20,350</b>	<b>\$ -</b>
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 4,904,789</b>	<b>\$ -</b>	<b>\$ 286,639</b>	<b>\$ -</b>
<b>APPROPRIATIONS</b>				
<b>Expenditures</b>				
Personnel Expenditures	\$ -	\$ -	\$ -	\$ -
Operating Expenditures	-	-	-	-
Capital Outlay	-	-	-	-
Capital Improvement Projects	3,899,531	-	149,092	-
Debt Service	996,277	-	-	-
Transfers	-	-	-	-
Reimbursements	-	-	-	-
<b>Total Expenditures</b>	<b>\$ 4,895,808</b>	<b>\$ -</b>	<b>\$ 149,092</b>	<b>\$ -</b>
<b>Ending Balance</b>				
Unassigned Fund Balance	-	-	-	-
Unrestricted Fund Balance	-	-	-	-
Committed Balance	8,981	-	137,547	-
Assigned for Projects	-	-	-	-
Restricted Fund Balance	-	-	-	-
<b>Ending Balance</b>	<b>\$ 8,981</b>	<b>\$ -</b>	<b>\$ 137,547</b>	<b>\$ -</b>
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 4,904,789</b>	<b>\$ -</b>	<b>\$ 286,639</b>	<b>\$ -</b>

\*Fund is closed as of 6/30/2021



All Funds Summary Fiscal Year Ending June 30, 2022	Special Revenue Funds			Debt Service Fund
	FY 2021-22 Edward Aquifer/RWRDG	FY 2021-22 Regional Water Alliance	FY 2021-22 Grants	FY 2021-22 Debt Service

#### AVAILABLE FUNDS

##### Beginning Balance

Unassigned Fund Balance	\$ -	\$ -	\$ -	\$ -
Unrestricted Fund Balance	-	-	-	-
Committed Balance	-	-	-	-
Assigned for Projects	-	-	-	-
Restricted Fund Balance	167,857	32,242	-	1,281,336
Total Beginning Balance	\$ 167,857	\$ 32,242	\$ -	\$ 1,281,336

##### Revenue

Taxes, Penalties and Interest	\$ -	\$ -	\$ -	-
Intergovernmental	255,490	4,400	6,776,916	1,612,425
Charges for Services	1,100	-	-	-
Miscellaneous	-	-	-	-
Investment Earnings	-	50	-	300
Proceeds from Debt Issuance	-	-	-	-
Impact/Connection Fees	-	-	-	-
Transfers - Support Fees	-	-	-	-
Transfers	-	-	-	598,335
Total Revenue	\$ 256,590	\$ 4,450	\$ 6,776,916	\$ 2,211,060

<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 424,447</b>	<b>\$ 36,692</b>	<b>\$ 6,776,916</b>	<b>\$ 3,492,396</b>
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#### APPROPRIATIONS

##### Expenditures

Personnel Expenditures	\$ -	\$ -	\$ -	\$ -
Operating Expenditures	424,447	3,000	6,776,916	-
Capital Outlay	-	-	-	-
Capital Improvement Projects	-	-	-	-
Debt Service	-	-	-	2,210,760
Transfers	-	-	-	-
Reimbursements	-	-	-	-
Total Expenditures	\$ 424,447	\$ 3,000	\$ 6,776,916	\$ 2,210,760

##### Ending Balance

Unassigned Fund Balance	-	-	-	-
Unrestricted Fund Balance	-	-	-	-
Committed Balance	-	-	-	-
Assigned for Projects	-	-	-	-
Restricted Fund Balance	-	33,692	-	1,281,636
Ending Balance	\$ -	\$ 33,692	\$ -	\$ 1,281,636

<b>TOTAL APPROPRIATIONS</b>	<b>\$ 424,447</b>	<b>\$ 36,692</b>	<b>\$ 6,776,916</b>	<b>\$ 3,492,396</b>
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All Funds Summary Fiscal Year Ending June 30, 2022	Insurance Fund	Capital Improvement Funds		
		FY 2021-22 Insurance	FY 2021-22 SARA Project	FY 2021-22 City of San Antonio CIP Bexar County CIP

#### AVAILABLE FUNDS

##### Beginning Balance

Unassigned Fund Balance	\$ -	\$ -	\$ -	\$ -
Unrestricted Fund Balance	2,943,130	-	-	-
Committed Balance	-	5,650,246	-	-
Assigned for Projects	-	11,241,811	-	-
Restricted Fund Balance	-	-	171,880	-
Total Beginning Balance	\$ 2,943,130	\$ 16,892,057	\$ 171,880	\$ -

##### Revenue

Taxes, Penalties and Interest	\$ -	\$ -	\$ -	\$ -
Intergovernmental	-	-	3,806,174	202,181
Charges for Services	4,365,728	-	-	-
Miscellaneous	25,000	-	-	-
Investment Earnings	2,500	-	-	-
Proceeds from Debt Issuance	-	-	-	-
Impact/Connection Fees	-	-	-	-
Transfers - Support Fees	-	-	-	-
Transfers	-	5,812,400	-	-
Total Revenue	\$ 4,393,228	\$ 5,812,400	\$ 3,806,174	\$ 202,181

<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 7,336,358</b>	<b>\$ 22,704,457</b>	<b>\$ 3,978,054</b>	<b>\$ 202,181</b>
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#### APPROPRIATIONS

##### Expenditures

Personnel Expenditures	\$ -	\$ -	\$ -	\$ -
Operating Expenditures	3,653,298	-	-	-
Capital Outlay	-	-	-	-
Capital Improvement Projects	-	16,774,211	3,978,054	202,181
Debt Service	-	-	-	-
Transfers	-	-	-	-
Reimbursements	-	-	-	-
Total Expenditures	\$ 3,653,298	\$ 16,774,211	\$ 3,978,054	\$ 202,181

##### Ending Balance

Unassigned Fund Balance	-	-	-	-
Unrestricted Fund Balance	3,683,060	-	-	-
Committed Balance	-	5,930,246	-	-
Assigned for Projects	-	-	-	-
Restricted Fund Balance	-	-	-	-
Ending Balance	\$ 3,683,060	\$ 5,930,246	\$ -	\$ -

<b>TOTAL APPROPRIATIONS</b>	<b>\$ 7,336,358</b>	<b>\$ 22,704,457</b>	<b>\$ 3,978,054</b>	<b>\$ 202,181</b>
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**All Funds Summary**  
**Fiscal Year Ending June 30, 2022**

**Capital Improvement Funds**

	FY 2021-22 Medina Dam*	FY 2021-22 Bexar County SARIP Flood Tax	FY 2021-22 Bexar County Westside Creek	FY 2021-22 Downstream CIP
<b>AVAILABLE FUNDS</b>				
<b>Beginning Balance</b>				
Unassigned Fund Balance	\$ -	\$ -	\$ -	\$ -
Unrestricted Fund Balance	-	-	-	-
Committed Balance	-	-	-	-
Assigned for Projects	-	-	-	-
Restricted Fund Balance	-	20,573	132,027	167,656
<b>Total Beginning Balance</b>	\$ -	\$ 20,573	\$ 132,027	\$ 167,656
<b>Revenue</b>				
Taxes, Penalties and Interest	\$ -	\$ -	\$ -	\$ -
Intergovernmental	-	-	73,702,940	-
Charges for Services	-	-	-	-
Miscellaneous	-	-	-	-
Investment Earnings	-	-	5,000	-
Proceeds from Debt Issuance	-	-	-	-
Impact/Connection Fees	-	-	-	-
Transfers - Support Fees	-	-	-	-
Transfers	-	-	-	-
<b>Total Revenue</b>	\$ -	\$ -	\$ 73,707,940	\$ -
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ -</b>	<b>\$ 20,573</b>	<b>\$ 73,839,968</b>	<b>\$ 167,656</b>
<b>APPROPRIATIONS</b>				
<b>Expenditures</b>				
Personnel Expenditures	\$ -	\$ -	\$ -	\$ -
Operating Expenditures	-	-	-	-
Capital Outlay	-	-	-	-
Capital Improvement Projects	-	20,573	73,839,968	167,656
Debt Service	-	-	-	-
Transfers	-	-	-	-
Reimbursements	-	-	-	-
<b>Total Expenditures</b>	\$ -	\$ 20,573	\$ 73,839,968	\$ 167,656
<b>Ending Balance</b>				
Unassigned Fund Balance	-	-	-	-
Unrestricted Fund Balance	-	-	-	-
Committed Balance	-	-	-	-
Assigned for Projects	-	-	-	-
Restricted Fund Balance	-	-	-	-
<b>Ending Balance</b>	\$ -	\$ -	\$ -	\$ -
<b>TOTAL APPROPRIATIONS</b>	<b>\$ -</b>	<b>\$ 20,573</b>	<b>\$ 73,839,968</b>	<b>\$ 167,656</b>

\*Fund is closed as of 6/30/2021

**All Funds Summary**  
**Fiscal Year Ending June 30, 2022**

**Capital Improvement Funds**

	FY 2021-22	FY 2021-22	FY 2021-22
	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	54,538	11,292	101,919
<b>Total Beginning Balance</b>	<b>\$ 54,538</b>	<b>\$ 11,292</b>	<b>\$ 101,919</b>

**Revenue**

Taxes, Penalties and Interest	\$ -	\$ -	\$ -
Intergovernmental	100,000	12,403,748	4,389,856
Charges for Services	-	-	-
Miscellaneous	-	-	-
Investment Earnings	-	-	-
Proceeds from Debt Issuance	-	-	-
Impact/Connection Fees	-	-	-
Transfers - Support Fees	-	-	-
Transfers	-	-	-
<b>Total Revenue</b>	<b>\$ 100,000</b>	<b>\$ 12,403,748</b>	<b>\$ 4,389,856</b>

**TOTAL AVAILABLE FUNDS** **\$ 154,538** **\$ 12,415,040** **\$ 4,491,775**

**APPROPRIATIONS**

**Expenditures**

Personnel Expenditures	\$ -	\$ -	\$ -
Operating Expenditures	-	-	-
Capital Outlay	-	-	-
Capital Improvement Projects	127,817	12,415,040	4,491,775
Debt Service	-	-	-
Transfers	-	-	-
Reimbursements	-	-	-
<b>Total Expenditures</b>	<b>\$ 127,817</b>	<b>\$ 12,415,040</b>	<b>\$ 4,491,775</b>

**Ending Balance**

Unassigned Fund Balance	-	-	-
Unrestricted Fund Balance	-	-	-
Committed Balance	-	-	-
Assigned for Projects	-	-	-
Restricted Fund Balance	26,721	-	-
<b>Ending Balance</b>	<b>\$ 26,721</b>	<b>\$ -</b>	<b>\$ -</b>

**TOTAL APPROPRIATIONS** **\$ 154,538** **\$ 12,415,040** **\$ 4,491,775**

# REVENUE DETAILS FY 2021-22



*Photo by Richard Baltazar*  
2020 River Clicks Photo Contest  
Plants Category Winner

<b>Revenues</b> <b>Fiscal Year Ending June 30, 2022</b>	<b>FY 2019-20</b> <b>Actual</b>	<b>FY 2020-21</b> <b>Amended Budget</b>	<b>FY 2020-21</b> <b>Estimate</b>	<b>FY 2021-22</b> <b>Budget</b>
<b>GENERAL FUND (01)</b>				
<b><u>Property Taxes</u></b>				
Property Taxes - Bexar County	\$ 31,462,907	\$ 33,042,823	\$ 32,790,369	\$ 34,410,764
Property Taxes - Karnes County	1,658,717	1,012,918	1,452,525	1,093,145
Property Taxes - Goliad County	196,263	192,407	206,892	155,814
Property Taxes - Wilson County	649,475	589,738	693,540	724,318
Delinquent Taxes	184,680	250,000	139,914	150,000
TIRZ-Retama Park	(51,133)	-	-	-
TIRZ-Hallie Heights	(1,021)	(60,000)	(66)	(40,000)
TIRZ-Heathers Cove	(1,003)	-	(17)	-
TIRZ-Butterfield	(4,116)	-	-	-
TIRZ-Sedona	(9,578)	-	(10,311)	-
TIRZ-Kenedy	(3,091)	-	-	-
Subtotal - Property Taxes	34,082,098	35,027,886	35,272,846	36,494,040
<b><u>Investment Earnings</u></b>				
Investment Earnings	615,610	175,900	80,883	75,000
Subtotal - Investment Earnings	615,610	175,900	80,883	75,000
<b><u>Intergovernmental Revenue</u></b>				
Intergovernmental Revenue	526,250	225,000	261,719	225,000
Subtotal - Intergovernmental Revenue	526,250	225,000	261,719	225,000
<b><u>Charges for Services</u></b>				
Lab Samples	140,591	145,000	131,440	130,000
Trail Closure	38,110	-	-	-
Administrative Fee	52,258	50,000	35,036	35,000
Rentals/Leases	8,999	15,000	7,246	7,000
Parks Usage Fees	225	-	-	-
Event Trail Usage Fee	2,300	-	-	-
Wedding Location Usage Fee	(200)	-	-	-
Water Sales	276,953	260,000	280,902	275,000
Gate Receipts	212	100	-	-
Sale of Hay	24,565	10,000	19,105	15,000
San Antonio River Foundation	10,200	20,400	20,400	20,400
Subtotal - Charges for Services	554,213	500,500	494,129	482,400
<b><u>Miscellaneous</u></b>				
Miscellaneous	150,857	25,000	-	25,000
ICMA Retirement	17,111	5,000	-	5,000
Election Filing Fees	700	-	-	-
Participant Fees	250	-	6,942	-
Insurance Proceeds	1,263	-	-	-
Subtotal - Miscellaneous	170,182	30,000	6,942	30,000
<b><u>Support Fees</u></b>				
SARA Wastewater Systems	1,325,623	1,325,623	1,325,623	1,446,489
Salitrillo Wastewater System	614,354	614,354	614,354	699,351
Subtotal - Support Fees	1,939,977	1,939,977	1,939,977	2,145,840
<b>TOTAL GENERAL FUND</b>	<b>\$ 37,888,330</b>	<b>\$ 37,899,263</b>	<b>\$ 38,056,496</b>	<b>\$ 39,452,280</b>

Revenues Fiscal Year Ending June 30, 2022	FY 2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Estimate	FY 2021-22 Budget
<b>DEBT SERVICE FUND (02)</b>				
<b>Investment Earnings</b>				
Investment Earnings	\$ 8,313	\$ 5,000	\$ 320	\$ 300
Subtotal - Investment Earnings	8,313	5,000	320	300
<b>Transfers</b>				
Transfers - General Fund	592,974	598,303	598,304	598,335
Subtotal - Transfers	592,974	598,303	598,304	598,335
<b>Intergovernmental Revenue</b>				
Flood Control Tax	3,117,635	2,935,268	1,574,701	1,612,425
Subtotal - Intergovernmental Revenue	3,117,635	2,935,268	1,574,701	1,612,425
<b>TOTAL DEBT SERVICE FUND</b>	<b>\$ 3,718,922</b>	<b>\$ 3,538,571</b>	<b>\$ 2,173,325</b>	<b>\$ 2,211,060</b>
<b>SARA PROJECT FUND (04)</b>				
<b>Transfers</b>				
Transfers (From General Fund)	\$ 7,188,710	\$ 7,204,028	\$ 6,253,945	\$ 5,812,400
Subtotal - Transfers	7,188,710	7,204,028	6,253,945	5,812,400
<b>TOTAL SARA PROJECT FUND</b>	<b>\$ 7,188,710</b>	<b>\$ 7,204,028</b>	<b>\$ 6,253,945</b>	<b>\$ 5,812,400</b>
<b>CITY OF SAN ANTONIO SARIP FUND (11)</b>				
<b>Intergovernmental Revenue</b>				
Intergovernmental Revenue	965,530	5,254,105	828,856	3,806,174
Subtotal - Revenue	965,530	5,254,105	828,856	3,806,174
<b>TOTAL COSA SARIP FUND</b>	<b>\$ 965,530</b>	<b>\$ 5,254,105</b>	<b>\$ 828,856</b>	<b>\$ 3,806,174</b>
<b>BEXAR COUNTY CAPITAL IMPROVEMENTS FUND (13)</b>				
<b>Intergovernmental Revenue</b>				
Intergovernmental Revenue	\$ -	\$ 202,181	\$ -	\$ 202,181
Subtotal - Intergovernmental Revenue	-	202,181	-	202,181
<b>TOTAL BEXAR COUNTY CIP FUND</b>	<b>\$ -</b>	<b>\$ 202,181</b>	<b>\$ -</b>	<b>\$ 202,181</b>
<b>MEDINA DAM FUND (14)</b>				
<b>Intergovernmental Revenue</b>				
Intergovernmental Revenue	\$ 160,000	\$ 1,510,000	\$ 1,414,718	\$ -
Subtotal - Intergovernmental Revenue	160,000	1,510,000	1,414,718	-
<b>TOTAL MEDINA DAM FUND</b>	<b>\$ 160,000</b>	<b>\$ 1,510,000</b>	<b>\$ 1,414,718</b>	<b>\$ -</b>

<b>Revenues</b> <b>Fiscal Year Ending June 30, 2022</b>	<b>FY 2019-20</b> <b>Actual</b>	<b>FY 2020-21</b> <b>Amended Budget</b>	<b>FY 2020-21</b> <b>Estimate</b>	<b>FY 2021-22</b> <b>Budget</b>
<b><u>SACIP LAND SALES FUND (22)</u></b>				
<b><u>Investment Earnings</u></b>				
Investment Earnings	\$ 1,845	\$ 1,500	\$ 259	\$ 300
Subtotal - Investment Earnings	1,845	1,500	259	300
<b><u>Charges for Services</u></b>				
License Agreements	43,157	60,995	49,044	50,000
Easement Fees	1,000	-	-	-
Rental/Leases	11,920	-	-	-
Sale of Fixed Assets	20,060	-	340	-
Subtotal - Charges for Services	76,137	60,995	49,384	50,000
<b>TOTAL SACIP LAND SALES FUND</b>	<b>\$ 77,982</b>	<b>\$ 62,495</b>	<b>\$ 49,643</b>	<b>\$ 50,300</b>
<b><u>PUBLIC FACILITIES CORPORATION FUND (23)</u></b>				
<b><u>Investment Earnings</u></b>				
Investment Earnings	\$ 13,961	\$ 7,000	\$ 5,089	\$ 5,000
Subtotal - Investment Earnings	13,961	7,000	5,089	5,000
<b><u>Charges for Services</u></b>				
Rental/Leases	181,386	-	-	-
Subtotal - Charges for Services	181,386	-	-	-
<b><u>Debt Proceeds</u></b>				
Debt Proceeds	10,600,000	-	-	-
Subtotal - Debt Proceeds	10,600,000	-	-	-
<b><u>Transfers</u></b>				
Transfers (From General Fund)	100,350	998,899	998,901	990,984
Subtotal - Transfers	100,350	998,899	998,901	990,984
<b>TOTAL PUBLIC FACILITIES CORP FUND</b>	<b>\$ 10,895,697</b>	<b>\$ 1,005,899</b>	<b>\$ 1,003,990</b>	<b>\$ 995,984</b>
<b><u>SAR INDUSTRIAL DEVELOPMENT AUTHORITY FUND (24)</u></b>				
<b><u>Investment Earnings</u></b>				
Investment Earnings	\$ 114	\$ 80	\$ 6	\$ -
Subtotal - Investment Earnings	114	80	6	-
<b><u>Transfers</u></b>				
Transfers (From General Fund Utility Support Fees)	-	1,223	1,307	-
Subtotal - Transfers	-	1,223	1,307	-
<b>TOTAL SAR INDUSTRIAL DEV. AUTH. FUND</b>	<b>\$ 114</b>	<b>\$ 1,303</b>	<b>\$ 1,312</b>	<b>\$ -</b>



Revenues Fiscal Year Ending June 30, 2022	FY 2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Estimate	FY 2021-22 Budget
<b>PARK RESOURCES DEVELOPMENT FUND (26)</b>				
<b><u>Investment Earnings</u></b>				
Investment Earnings	\$ 3,381	\$ 1,000	\$ 332	\$ 350
Subtotal - Investment Earnings	3,381	1,000	332	350
<b><u>Miscellaneous</u></b>				
Easement Fees	14,811	-	-	-
Subtotal - Miscellaneous	14,811	-	-	-
<b><u>Charges for Services</u></b>				
Sale of Fixed Assets	-	20,000	29,705	20,000
Subtotal - Charges for Services	-	20,000	29,705	20,000
<b>TOTAL PARK RESOURCES DEV. FUND</b>	<b>\$ 18,192</b>	<b>\$ 21,000</b>	<b>\$ 30,037</b>	<b>\$ 20,350</b>
<b>SOUTH TEXAS REGIONAL WATER PLANNING GROUP FUND (30)</b>				
<b><u>Investment Earnings</u></b>				
Investment Earnings	\$ 1,592	\$ 350	\$ 118	\$ -
Subtotal - Investment Earnings	1,592	350	118	-
<b><u>Intergovernmental Revenue</u></b>				
Intergovernmental Revenue	471,708	230,741	118,920	-
Subtotal - Intergovernmental Revenue	471,708	230,741	118,920	-
<b>TOTAL SCTPG FUND</b>	<b>\$ 473,300</b>	<b>\$ 231,091</b>	<b>\$ 119,037</b>	<b>\$ -</b>
<b>EDWARDS WATER ACQUISITION/RWRDG FUND (31)</b>				
<b><u>Intergovernmental Revenue</u></b>				
Intergovernmental Revenue	196,784	275,500	219,836	255,490
Subtotal - Intergovernmental Revenue	196,784	275,500	219,836	255,490
<b><u>Charges for Services</u></b>				
Administrative Fee	1,100	1,100	1,200	1,100
Rental/Leases	12,995	-	-	-
Subtotal - Charges for Services	14,095	1,100	1,200	1,100
<b><u>Miscellaneous</u></b>				
Miscellaneous	10,965	-	27,189	-
Subtotal - Miscellaneous	10,965	-	27,189	-
<b>TOTAL EDWARDS WATER ACQ. FUND</b>	<b>\$ 221,844</b>	<b>\$ 276,600</b>	<b>\$ 248,225</b>	<b>\$ 256,590</b>
<b>REGIONAL WATER ALLIANCE FUND (32)</b>				
<b><u>Investment Earnings</u></b>				
Investment Earnings	\$ 324	\$ 50	\$ 39	\$ 50
Subtotal - Investment Earnings	324	50	39	50
<b><u>Intergovernmental Revenue</u></b>				
Intergovernmental Revenue	4,200	4,400	4,600	4,400
Subtotal - Intergovernmental Revenue	4,200	4,400	4,600	4,400
<b>TOTAL REGIONAL WATER ALLIANCE FUND</b>	<b>\$ 4,524</b>	<b>\$ 4,450</b>	<b>\$ 4,639</b>	<b>\$ 4,450</b>

<b>Revenues</b> <b>Fiscal Year Ending June 30, 2022</b>	<b>FY 2019-20</b> <b>Actual</b>	<b>FY 2020-21</b> <b>Amended Budget</b>	<b>FY 2020-21</b> <b>Estimate</b>	<b>FY 2021-22</b> <b>Budget</b>
<b>GRANTS FUND (36)</b>				
<b><u>Intergovernmental Revenue</u></b>				
Intergovernmental Revenue	\$ 523,690	\$ 3,834,400	\$ 3,298,620	\$ 1,910,364
Federal Grant Revenue	893,125	4,031,443	350,720	4,866,552
Subtotal - Intergovernmental Revenue	1,416,816	7,865,843	3,649,339	6,776,916
<b>TOTAL GRANTS FUND</b>	<b>\$ 1,416,816</b>	<b>\$ 7,865,843</b>	<b>\$ 3,649,339</b>	<b>\$ 6,776,916</b>
<b>BEXAR COUNTY SAR IMPROVEMENTS FLOOD TAX FUND (51)</b>				
<b><u>Investment Earnings</u></b>				
Investment Earnings	\$ 26,314	\$ 3,000	\$ 732	\$ -
Subtotal - Investment Earnings	26,314	3,000	732	-
<b><u>Intergovernmental Revenue</u></b>				
Intergovernmental Revenue	25,745,753	602,906	604,119	-
Subtotal - Intergovernmental Revenue	25,745,753	602,906	604,119	-
<b>TOTAL BEXAR COUNTY SAR IMPROV FUND</b>	<b>\$ 25,772,067</b>	<b>\$ 605,906</b>	<b>\$ 604,851</b>	<b>\$ -</b>
<b>BEXAR COUNTY WESTSIDE CREEK RESTORATION PROJECTS FUND (54)</b>				
<b><u>Investment Earnings</u></b>				
Investment Earnings	\$ 19,760	\$ 10,000	\$ -	\$ 5,000
Subtotal - Investment Earnings	19,760	10,000	-	5,000
<b><u>Intergovernmental Revenue</u></b>				
Intergovernmental Revenue	26,128,492	112,218,187	30,164,779	73,702,940
Subtotal - Intergovernmental Revenue	26,128,492	112,218,187	30,164,779	73,702,940
<b>TOTAL BEXAR COUNTY WSC FUND</b>	<b>\$ 26,148,252</b>	<b>\$ 112,228,187</b>	<b>\$ 30,164,779</b>	<b>\$ 73,707,940</b>
<b>OTHER CAPITAL PROJECTS FUND (57)</b>				
<b><u>Intergovernmental Revenue</u></b>				
Intergovernmental Revenue	1,730,680	9,664,023	4,560,980	4,389,856
Miscellaneous	-	-	-	-
Subtotal - Intergovernmental Revenue	1,730,680	9,664,023	4,560,980	4,389,856
<b>TOTAL OTHER CAPITAL PROJECTS FUND</b>	<b>\$ 1,730,680</b>	<b>\$ 9,664,023</b>	<b>\$ 4,560,980</b>	<b>\$ 4,389,856</b>
<b>DOWNSTREAM CAPITAL PROJECTS FUND (58)</b>				
<b><u>Investment Earnings</u></b>				
Investment Earnings	\$ 13,431	\$ 5,000	\$ 729	\$ -
Subtotal - Investment Earnings	13,431	5,000	729	-
<b><u>Intergovernmental Revenue</u></b>				
Intergovernmental Revenue	705,000	180,000	147,916	-
Subtotal - Intergovernmental Revenue	705,000	180,000	147,916	-
<b>TOTAL DOWNSTREAM CAP. PROJ. FUND</b>	<b>\$ 718,431</b>	<b>\$ 185,000</b>	<b>\$ 148,645</b>	<b>\$ -</b>

<b>Revenues</b> <b>Fiscal Year Ending June 30, 2022</b>	<b>FY 2019-20</b> <b>Actual</b>	<b>FY 2020-21</b> <b>Amended Budget</b>	<b>FY 2020-21</b> <b>Estimate</b>	<b>FY 2021-22</b> <b>Budget</b>
<b>BEXAR COUNTY CAPITAL PROJECTS FUND (59)</b>				
<b><u>Intergovernmental Revenue</u></b>				
Intergovernmental Revenue	311,718	442,837	53,313	100,000
Subtotal - Intergovernmental Revenue	311,718	442,837	53,313	100,000
<b>TOTAL BEXAR CO. CAPITAL PROJ. FUND</b>	<b>\$ 311,718</b>	<b>\$ 442,837</b>	<b>\$ 53,313</b>	<b>\$ 100,000</b>
<b>WESTSIDE CREEK CITY OF SAN ANTONIO FUND (61)</b>				
<b><u>Investment Earnings</u></b>				
Investment Earnings	\$ 2,173	\$ -	\$ 1,807	\$ -
Subtotal - Investment Earnings	2,173	-	1,807	-
<b><u>Intergovernmental Revenue</u></b>				
Intergovernmental Revenue	7,654,285	20,034,960	5,391,257	12,403,748
Subtotal - Intergovernmental Revenue	7,654,285	20,034,960	5,391,257	12,403,748
<b>TOTAL WSC CITY OF SAN ANTONIO FUND</b>	<b>\$ 7,656,458</b>	<b>\$ 20,034,960</b>	<b>\$ 5,393,064</b>	<b>\$ 12,403,748</b>
<b>SARA WASTEWATER SYSTEM FUND (70)</b>				
<b><u>Investment Earnings</u></b>				
Investment Earnings	\$ 339,538	\$ 150,000	\$ 55,249	\$ 65,000
Subtotal - Investment Earnings	339,538	150,000	55,249	65,000
<b><u>Intergovernmental Revenue</u></b>				
Intergovernmental Revenue	429,647	535,959	456,283	555,507
Subtotal - Intergovernmental Revenue	429,647	535,959	456,283	555,507
<b><u>Charges for Services</u></b>				
Connection Fees	5,655,984	2,810,000	5,303,350	3,000,000
Rentals/Leases	219,875	100,000	208,210	185,000
Sale of Fixed Assets	150,000	-	-	-
Sewer Fees	10,281,482	11,423,969	11,465,100	12,677,351
Subtotal - Charges for Services	16,307,340	14,333,969	16,976,660	15,862,351
<b><u>Miscellaneous</u></b>				
Miscellaneous	308,639	75,000	154,791	75,000
Subtotal - Miscellaneous	308,639	75,000	154,791	75,000
<b><u>Debt Proceeds</u></b>				
Debt Proceeds	-	11,000,000	23,284,690	-
Subtotal - Debt Proceeds	-	11,000,000	23,284,690	-
<b><u>Transfers</u></b>				
Transfers	2,900,000	3,800,000	3,800,000	-
Subtotal - Debt Proceeds	2,900,000	3,800,000	3,800,000	-
<b>TOTAL SARA WASTEWATER SYSTEM FUND</b>	<b>\$ 20,285,164</b>	<b>\$ 29,894,928</b>	<b>\$ 44,727,673</b>	<b>\$ 16,557,858</b>

<b>Revenues</b> <b>Fiscal Year Ending June 30, 2022</b>	<b>FY 2019-20</b> <b>Actual</b>	<b>FY 2020-21</b> <b>Amended Budget</b>	<b>FY 2020-21</b> <b>Estimate</b>	<b>FY 2021-22</b> <b>Budget</b>
<b>SALITRILLO WASTEWATER SYSTEM FUND (71)</b>				
<b><u>Investment Earnings</u></b>				
Investment Earnings	\$ 327,816	\$ 85,000	67,826	50,000
Subtotal - Investment Earnings	327,816	85,000	67,826	50,000
<b><u>Intergovernmental Revenue</u></b>				
Intergovernmental Revenue	405,171	282,693	282,690	280,846
Subtotal - Intergovernmental Revenue	405,171	282,693	282,690	280,846
<b><u>Charges for Services</u></b>				
Connection Fees	440,100	303,750	1,067,850	303,750
Sewer Fees	5,189,498	6,122,948	6,004,996	6,956,020
Subtotal - Charges for Services	5,629,598	6,426,698	7,072,846	7,259,770
<b><u>Transfers</u></b>				
Transfers	2,603,822	2,000,000	2,000,000	-
Subtotal - Transfers	2,603,822	2,000,000	2,000,000	-
<b><u>Debt Proceeds</u></b>				
Debt Proceeds	24,507,383	25,000,000	-	-
Subtotal - Debt Proceeds	24,507,383	25,000,000	-	-
<b>TOTAL SALITRILLO OPERATING FUND</b>	<b>\$ 33,473,790</b>	<b>\$ 33,794,391</b>	<b>\$ 9,423,362</b>	<b>\$ 7,590,616</b>
<b>RANDOLPH AFB CONTRACT FUND (73)</b>				
<b><u>Investment Earnings</u></b>				
Investment Earnings	26,481	10,000	5,461	5,000
Subtotal - Investment Earnings	26,481	10,000	5,461	5,000
<b><u>Intergovernmental Revenue</u></b>				
Intergovernmental Revenue	\$ 1,424,694	\$ 1,524,223	\$ 1,331,644	\$ 1,356,288
Subtotal - Intergovernmental Revenue	1,424,694	1,524,223	1,331,644	1,356,288
<b>TOTAL RANDOLPH AFB CONTRACT FUND</b>	<b>\$ 1,451,175</b>	<b>\$ 1,534,223</b>	<b>\$ 1,337,105</b>	<b>\$ 1,361,288</b>
<b>INSURANCE FUND (90)</b>				
<b><u>Investment Earnings</u></b>				
Investment Earnings	\$ 18,175	\$ 10,000	\$ 3,084	\$ 2,500
Subtotal - Investment Earnings	18,175	10,000	3,084	2,500
<b><u>Miscellaneous</u></b>				
Health Premiums	3,582,145	3,455,690	3,805,798	4,116,365
Dental Premiums	98,807	190,787	145,936	207,415
Vision Premiums	37,677	41,355	77,506	41,948
Participant Fees	20,888	-	15,023	-
Fitness Membership-Wellness	25,431	20,000	28,856	25,000
Subtotal - Miscellaneous	3,764,948	3,707,832	4,073,119	4,390,728
<b>TOTAL INSURANCE FUND</b>	<b>\$ 3,783,123</b>	<b>\$ 3,717,832</b>	<b>\$ 4,076,203</b>	<b>\$ 4,393,228</b>
<b>TOTAL AVAILABLE REVENUES</b>	<b>\$ 184,360,817</b>	<b>\$ 277,179,115</b>	<b>\$ 154,323,539</b>	<b>\$ 180,093,218</b>

# General Fund



Photo by Robert Burton  
2020 Rivers Clicks Photo Contest  
Animals Category Winner



## General Fund

### Fiscal Year Ending June 30, 2022

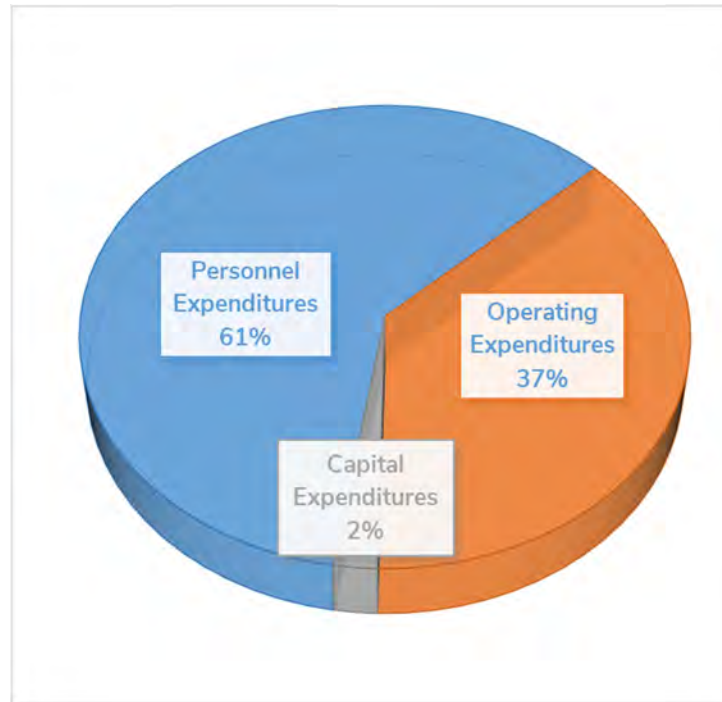
Accounts for the San Antonio River Authority's operations. The main source of revenue is property taxes. Functions funded through the General Fund include organizational support, board of directors, external communications, facilities, human resources, watershed and park operations, finance, information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

AVAILABLE FUNDS	FY 2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Estimate	FY 2021-22 Budget
<b>Beginning Balance</b>				
Operating Reserve - Unassigned	\$ 12,974,410	\$ 12,122,718	\$ 13,597,545	\$ 11,852,228
Total Beginning Balance	\$ 12,974,410	\$ 12,122,718	\$ 13,597,545	\$ 11,852,228
<b>Revenue</b>				
Taxes, Penalties and Interest	\$ 34,082,098	\$ 35,027,886	\$ 35,272,846	\$ 36,494,040
Intergovernmental Revenue	526,250	225,000	261,719	225,000
Charges for Services	554,213	500,500	494,129	482,400
Miscellaneous	170,182	30,000	6,942	30,000
Support Fees	1,939,977	1,939,977	1,939,977	2,145,840
Investment Income	615,610	175,900	80,883	75,000
Operating Transfers	-	-	-	-
Total Revenue	\$ 37,888,330	\$ 37,899,263	\$ 38,056,496	\$ 39,452,280
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 50,862,740</b>	<b>\$ 50,021,981</b>	<b>\$ 51,654,042</b>	<b>\$ 51,304,508</b>
<b>APPROPRIATIONS</b>				
Personnel Expenditures	\$ 19,605,893	\$ 20,937,852	\$ 20,852,415	\$ 21,537,962
Operating Expenditures	10,121,597	12,516,102	11,060,949	13,284,549
Capital Expenditures	859,874	1,438,479	1,203,077	763,000
Transfers	-	-	-	-
Debt Service, Other Transfers	693,324	1,598,428	1,598,428	1,594,112
Project Fund - Projects	6,908,710	5,653,945	5,653,945	5,532,400
Project Fund - Unrestricted Reserve	280,000	600,000	600,000	280,000
Reimbursements	(1,204,203)	(969,650)	(1,167,000)	(1,200,000)
<b>TOTAL OPERATING APPROPRIATIONS</b>	<b>\$ 37,265,194</b>	<b>\$ 41,775,156</b>	<b>\$ 39,801,814</b>	<b>\$ 41,792,023</b>
Operating Reserve - Unassigned	13,597,545	8,246,825	11,852,228	9,104,156
Unrestricted - Repair and Replacement Reserve	-	-	-	408,329
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 50,862,740</b>	<b>\$ 50,021,981</b>	<b>\$ 51,654,042</b>	<b>\$ 51,304,508</b>

### General Fund Expenditures

The FY 2021-22 General Fund Adopted Budget appropriations total \$51,304,508 which includes an operating reserve of \$9,104,156 and transfers of \$7,406,512. Expenditures total \$35,585,511 which is 1.4 percent more than the FY 2020-21 Amended Budget. Expenditures include: Personnel (\$21,537,962), Operating (\$13,284,549), Capital (\$763,000), and Reimbursements of personnel expenditures (\$1,200,000).

#### **FY 2021-22 Total General Fund Operating Expenditures: \$35,585,511**



### Operating Reserve

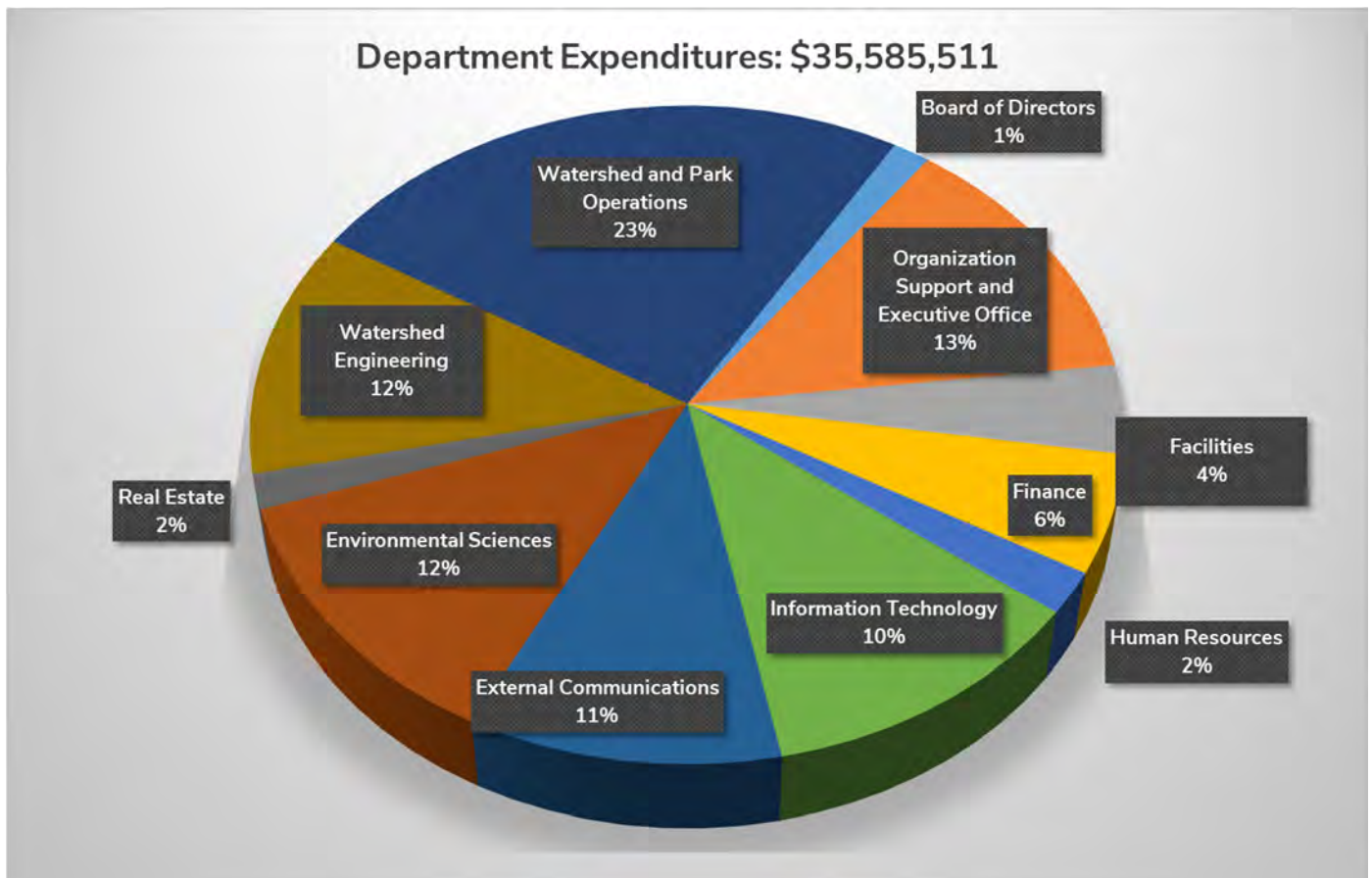
This reserve, by policy, targets three months of operating expenditures which includes personnel, supplies, contracted services, and debt service expenditures. It does not include project related or capital expenditures or transfers.

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 2021-22 Adopted Budget includes an Operating Reserve of \$9,104,156 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 \$15,034,402.



AVAILABLE FUNDS	FY 2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Estimate	FY 2021-22 Budget
<b><u>General Government</u></b>				
Board of Directors	\$ 324,367	\$ 83,642	\$ 36,302	\$ 541,089
Organizational Support	4,374,149	4,177,806	3,886,705	4,609,443
External Communications	2,775,978	3,147,036	2,854,938	3,780,606
Facilities	1,228,780	1,642,031	1,415,832	1,549,144
Finance	1,758,905	1,986,735	1,885,379	2,058,133
Human Resources	552,794	707,333	678,582	747,791
Information Technology	3,414,568	4,712,209	4,599,502	4,101,650
<b>Total General Government</b>	<b>\$ 14,429,541</b>	<b>\$ 16,456,792</b>	<b>\$ 15,357,240</b>	<b>\$ 17,387,856</b>
<b><u>Program Support and Services</u></b>				
Environmental Sciences	\$ 4,114,848	\$ 4,626,250	\$ 4,411,110	\$ 4,426,565
Real Estate	523,164	556,116	505,568	609,400
Watershed Engineering	4,077,947	4,372,201	4,315,218	4,311,632
Watershed and Park Operations	7,441,864	8,881,074	8,527,306	8,850,058
<b>Total Program Support and Services</b>	<b>\$ 16,157,823</b>	<b>\$ 18,435,641</b>	<b>\$ 17,759,201</b>	<b>\$ 18,197,655</b>
<b>Operating Transfers</b>	<b>\$ 7,882,034</b>	<b>\$ 7,852,373</b>	<b>\$ 7,852,373</b>	<b>\$ 7,406,512</b>
<b>Reimbursements</b>	<b>(1,204,203)</b>	<b>(969,650)</b>	<b>(1,167,000)</b>	<b>(1,200,000)</b>
<b>TOTAL GENERAL FUND</b>	<b>\$ 37,265,194</b>	<b>\$ 41,775,156</b>	<b>\$ 39,801,814</b>	<b>\$ 41,792,023</b>



## Board of Directors

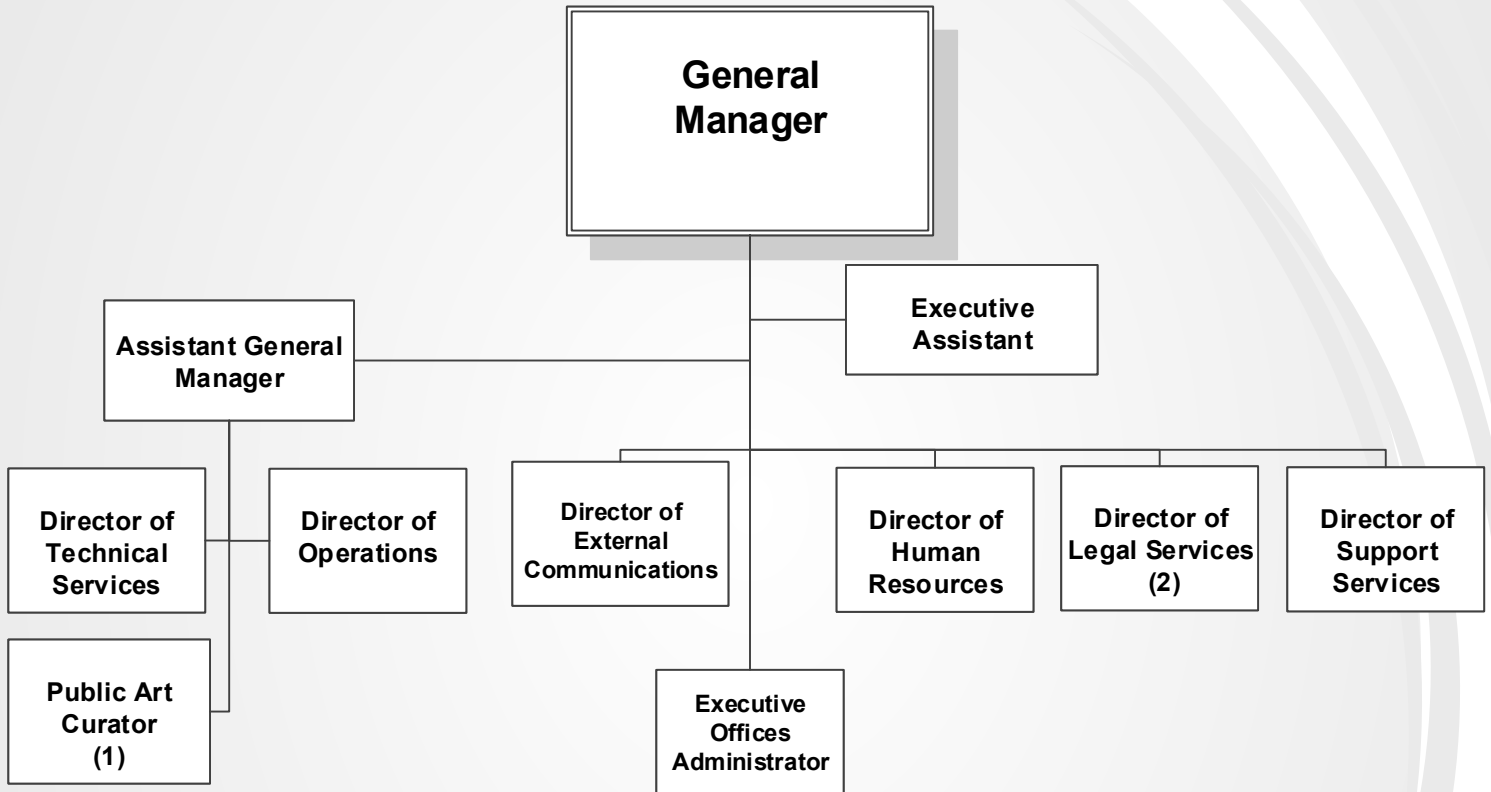
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The governance and control of the San Antonio River Authority are vested in a twelve-member Board of Directors, six from Bexar County and two each from Wilson, Karnes and Goliad counties. Two of the Bexar County directors are elected at large and the 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.

<b>Appropriations:</b>	<b><u>FY 2019-20</u></b> <b><u>Actual</u></b>	<b><u>FY 2020-21</u></b> <b><u>Estimate</u></b>	<b><u>FY 2021-22</u></b> <b><u>Adopted Budget</u></b>
Personnel Expenditures	\$50,990	\$55,160	\$76,500
Operating Expenditures	273,376	(18,858)	464,589
<b>Total Appropriations</b>	<b>\$324,366</b>	<b>\$36,302</b>	<b>\$541,089</b>

# Executive Office



Authorized Positions	FY20 Authorized	FY21 Authorized	FY22 Budget
Total Executive Office	13	15	15

Refer to appendix for full details

# Organization Support and Executive Office

The organizational support and executive office 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 and appraisal district 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.

<b>Appropriations:</b>	<b><u>FY 2019-20</u></b>	<b><u>FY 2020-21</u></b>	<b><u>FY 2021-22</u></b>
	<b><u>Actual</u></b>	<b><u>Estimate</u></b>	<b><u>Adopted Budget</u></b>
Personnel Expenditures	\$2,460,536	\$2,492,315	\$3,068,759
Operating Expenditures	1,467,169	1,329,390	1,320,684
Capital Expenditures	446,445	65,000	220,000
<b>Total Appropriations</b>	<b>\$4,374,150</b>	<b>\$3,886,705</b>	<b>\$4,609,443</b>

<b>New Resources for FY 2021-22</b>		
<b>Description</b>	<b>Business Justification/Benefit to SARA and/or Stakeholders</b>	<b>Amount</b>
Personnel Adjustments	Adjustments to personnel cost based on a cost-of-living adjustment, authorized promotion opportunities for existing staff, and market adjustments as needed.	479,947
Sunset Review	The Texas Sunset Commission will be conducting a limited review of the River Authority in FY 2021-22.	115,000
Art Curator Budget	Increase to reflect activity under the art curator in support of the San Pedro Creek Culture Park.	12,000
<b>Total – Organizational Support</b>		<b>\$606,947</b>

# Facilities

**Director of  
Operations**

**Facilities  
Maintenance  
(7)**

Authorized Positions	FY20 Authorized	FY21 Authorized	FY22 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.

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.

Objectives	Strategic Plan Goal	Timeframe	Status as of 7/1/2021
Develop a vehicle care program that ensures problems are corrected within 48 hours.		FY21-FY22	In Progress
Upgrade HVAC management system to allow smart device monitoring and control.		FY21-FY22	In Progress
Upgrade security and access systems to provide clear and live surveillance, central control and monitoring, and immediate notification of potential security threats.		FY21-FY22	In Progress
Inspect and upgrade fence and property intrusion devices to detect human activity only.		FY21-FY22	In Progress
Fire/Life Safety Implementation Plan Development		FY21-FY22	In Progress

<b>Appropriations:</b>	<b><u>FY 2019-20</u></b> <b><u>Actual</u></b>	<b><u>FY 2020-21</u></b> <b><u>Estimate</u></b>	<b><u>FY 2021-22</u></b> <b><u>Adopted Budget</u></b>
Personnel Expenditures	\$352,276	\$385,258	\$410,514
Operating Expenditures	756,269	878,346	1,012,630
Capital Expenditures	120,235	152,228	126,000
<b>Total Appropriations</b>	<b>\$1,228,780</b>	<b>\$1,415,832</b>	<b>\$1,549,144</b>

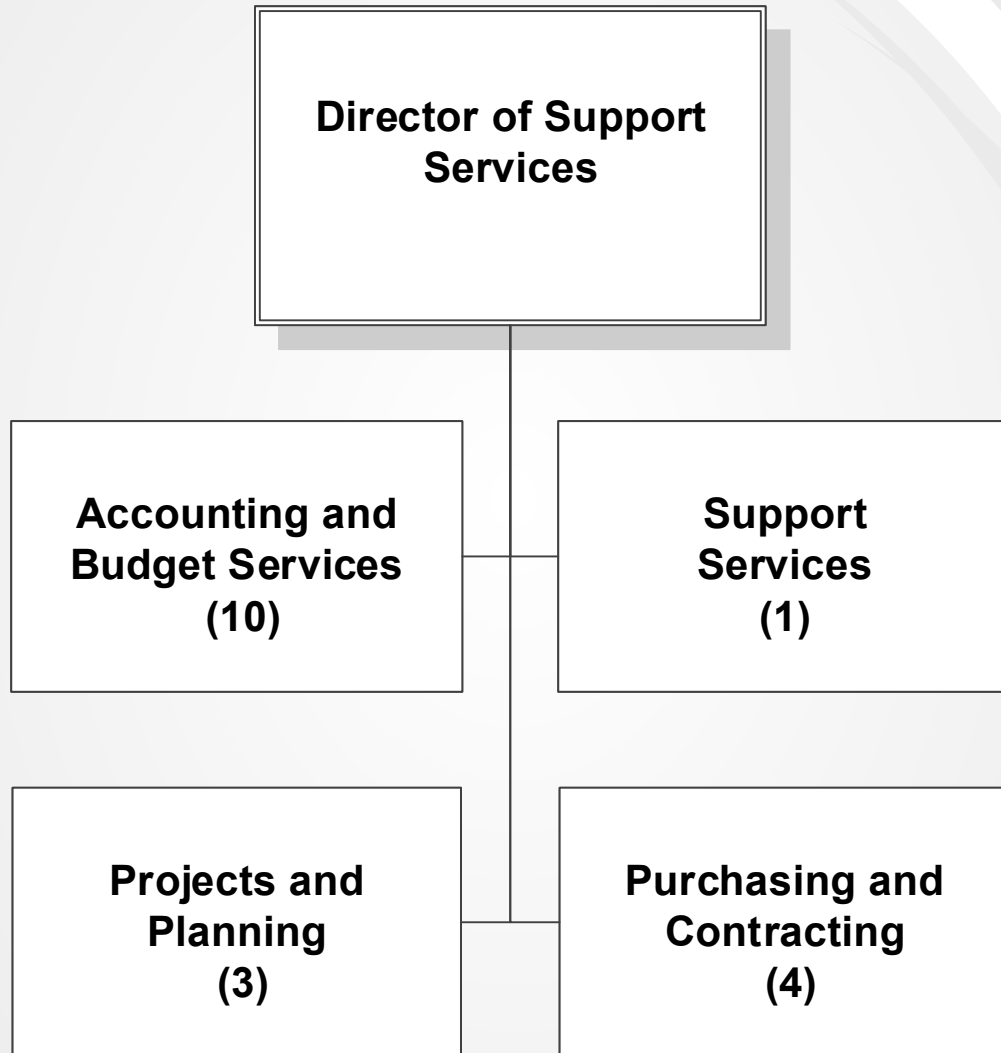
<b>New Resources for FY 2021-22</b>		
<b>Description</b>	<b>Business Justification/Benefit to SARA and/or Stakeholders</b>	<b>Amount</b>
Trucks	Replacing three trucks based on useful life and current mileage.	126,000
<b>Total – Facilities</b>		<b>\$126,000</b>

<b>Performance Measure</b>	<b>Strategic Plan Goal</b>	<b>FY 2019-20 Actuals</b>	<b>FY 2020-21 Actuals</b>	<b>FY 2021-22 Goal</b>
Facilities Request (work orders) – days to completion		No Data	No Data	< 3 days
Fleet Maintenance Request (work orders) – days to completion		No Data	No Data	< 3 days

\*The Facilities department is establishing new performance measure beginning in FY 2021-22. Data will start being collected July 1, 2021.



# Finance



Authorized Positions	FY20 Authorized	FY21 Authorized	FY22 Budget
Total Finance	16	17	18

Refer to appendix for full details




# Finance



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

**Mission:** Collectively identify and implement innovative solutions.

The Finance Department provides high quality accounting, budgeting, purchasing, and project management services for all departments and divisions of the 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. The Project and Planning Management staff is responsible for ensuring consistency in management and communication of all projects, efforts, and programs to reach organizational goals. Staff provides guidance and standards for project management within the organization. The staff also supports and works with all project management team members to implement projects from idea formation to successful close-out.



Objectives	Strategic Plan Goal	Timeframe	Status as of 7/1/2021
Develop and implement strategies that increase competition on formal solicitations.		FY21-FY22	In Progress
Review spending and identify long-term contract solutions for more strategic purchasing.		FY21-FY22	In Progress
Create robust reporting tools to be used for communication and evaluation of projects, efforts, and programs across the organization.		FY21-FY22	In Progress

Objectives	Strategic Plan Goal	Timeframe	Status as of 7/1/2021
Establish a career path program for the development, mentoring and creation of strong project management team members.		FY21-FY22	In Progress
Establish and publish a dashboard for reviewing measures of success for the goals of the organization.		FY21-FY22	In Progress

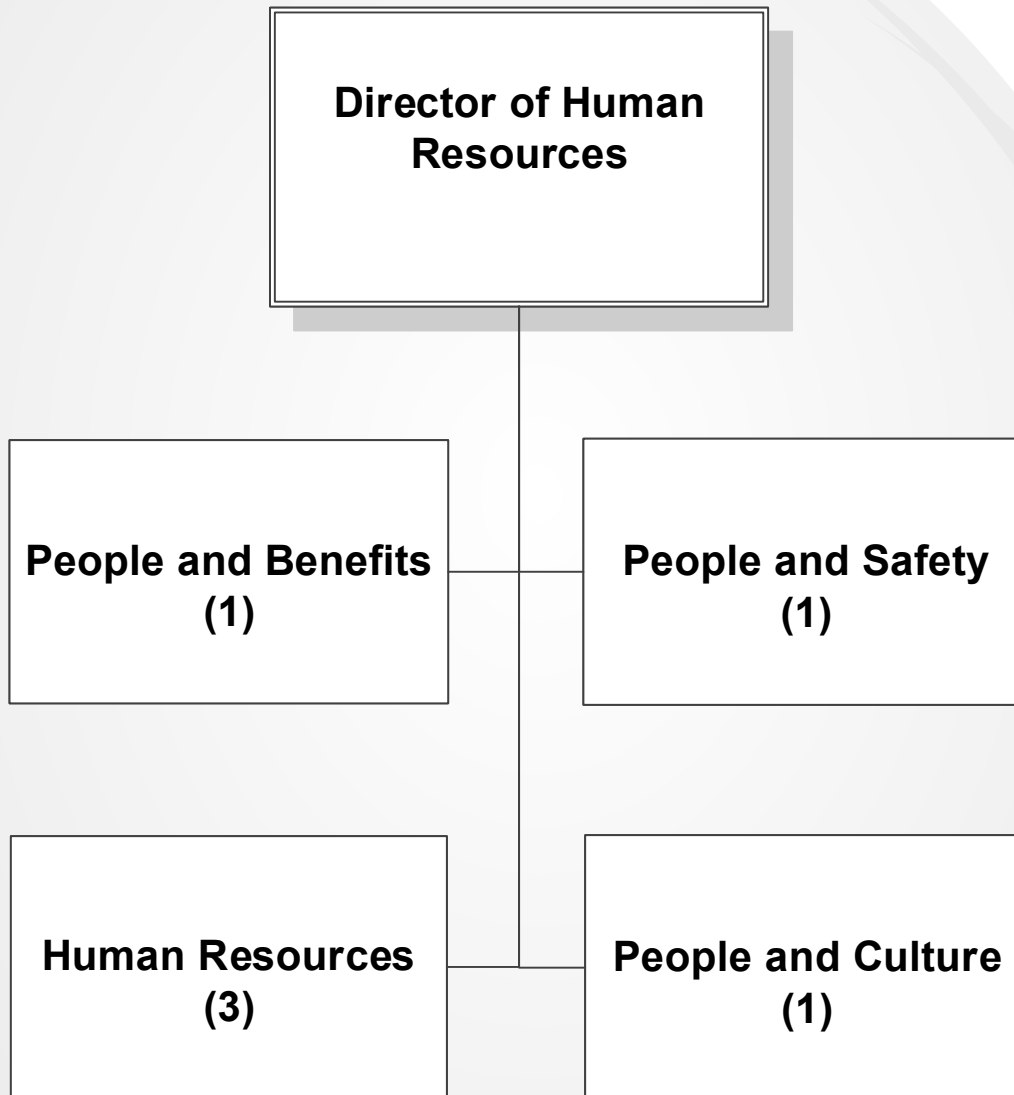
#### Appropriations:

	<u>FY 2019-20</u> <u>Actual</u>	<u>FY 2020-21</u> <u>Estimate</u>	<u>FY 2021-22</u> <u>Adopted Budget</u>
Personnel Expenditures	\$1,370,362	\$1,417,342	\$1,547,347
Operating Expenditures	388,543	468,037	510,785
Capital Expenditures	-	-	-
<b>Total Appropriations</b>	<b>\$1,758,905</b>	<b>\$1,885,379</b>	<b>\$2,058,132</b>

New Resources for FY 2021-22		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
Contracts Coordinator	The Finance Department is the central repository for all contracts. Currently, there is one staff member to manage and support the contracting process. This includes new contract development, task orders, renewals, and change orders/amendments. The Contracts Coordinator will assist in processing contracts and monitoring for compliance. In addition, this position should speed up the processing of routine requests.	67,694
<b>Total - Finance</b>		<b>\$67,694</b>

Performance Measure	Strategic Plan Goal	FY 2019-20 Actuals	FY 2020-21 Actuals	FY 2021-22 Goal
Percentage of ACH Payments Issued Versus Paper Checks		49%	50%	75%
Accounts receivable balances at end of FY over 60 days past due		12%	7%	< 10% of overall balance

# Human Resources



Authorized Positions	FY20 Authorized	FY21 Authorized	FY22 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

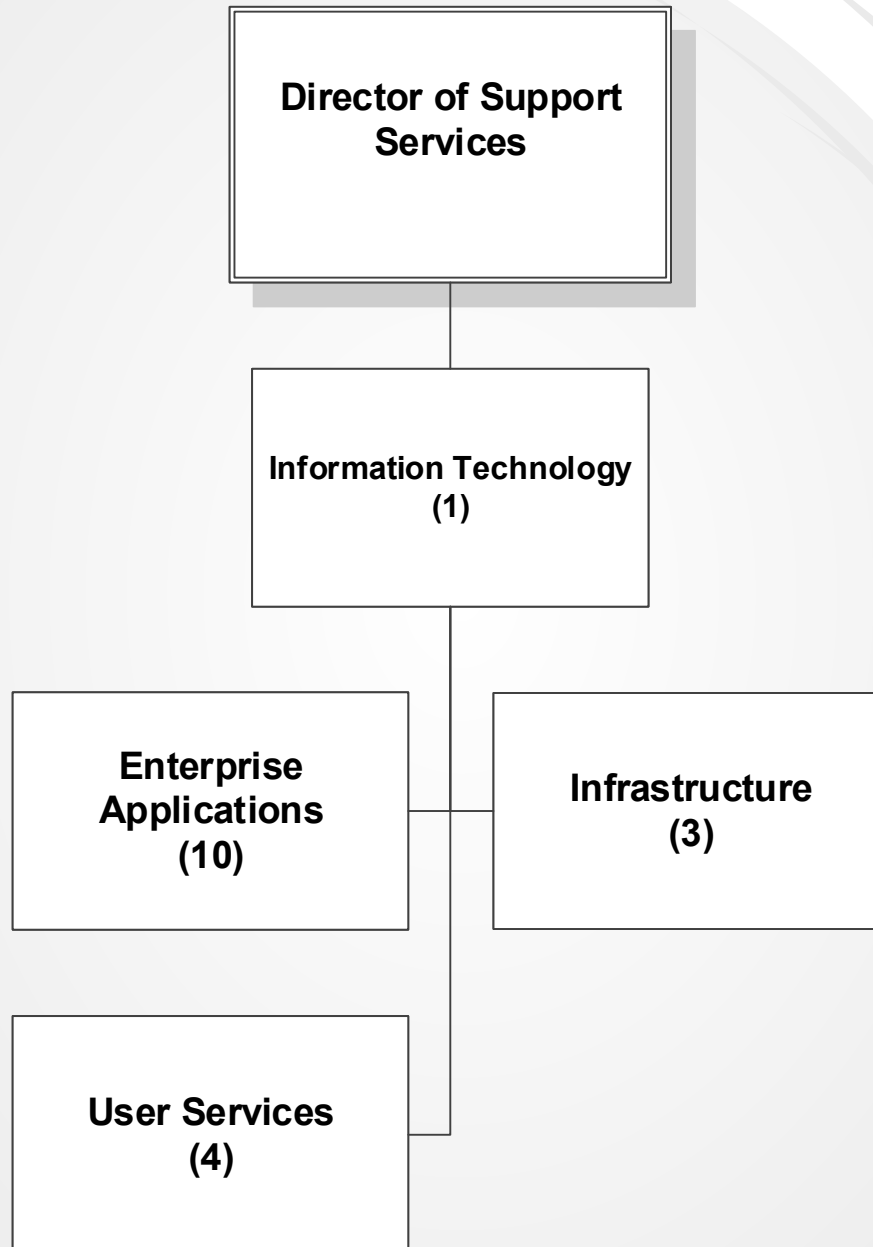
The Human Resources Department partners with employees to promote a work environment that attracts and inspires employees who embody the River Authority's core values and support the River Authority's vision, mission, and organizational goals. The department makes available proactive support resources 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.

Objectives	Strategic Plan Goal	Timeframe	Status as of 7/1/2021
Develop and deliver organizational wide resiliency training		FY21-FY22	In Progress
Develop and deliver organizational wide fiscal wellness training		FY21-FY22	In Progress

<b>Appropriations:</b>	<b><u>FY 2019-20</u></b> <b><u>Actual</u></b>	<b><u>FY 2020-21</u></b> <b><u>Estimate</u></b>	<b><u>FY 2021-22</u></b> <b><u>Adopted Budget</u></b>
Personnel Expenditures	\$477,441	\$490,045	\$485,117
Operating Expenditures	75,354	188,537	262,674
Capital Expenditures	-	-	-
<b>Total Appropriations</b>	<b>\$552,794</b>	<b>\$678,582</b>	<b>\$747,791</b>

Performance Measure	Strategic Plan Goal	FY 2019-20 Actuals	FY 2020-21 Actuals	FY 2021-22 Goal
Workers' Compensation - Claims		12	7	≤ 10
Workers' Compensation Experience Modifier		0.94	1.33	≤ 1

# Information Technology



Authorized Positions	FY20 Authorized	FY21 Authorized	FY22 Budget
Total Information Technology	18	18	18

Refer to appendix for full details





# Information Technology

**Vision:** Drive innovation and performance improvements to enhance the technological excellence that supports employees, partners, and citizens.

**Mission:** Provide effective technology and quality services that support technical excellence, administrative decision-making, and operational effectiveness.

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 four teams: Technology Support, Infrastructure, Enterprise Applications, and Geographic Information System (GIS). Together we collaborate to equip the River Authority with the necessary tools to overcome obstacles and accelerate the fulfillment of our organizational objectives.

Objectives	Strategic Plan Goal	Timeframe	Status as of 7/1/2021
Solidify disaster recovery process		FY21-FY22	In Progress
Evaluate the cloud footprint of data, software, and applications		FY21-FY22	In Progress
Develop a data governance and maintenance plan		FY21-FY22	In Progress
Improve technology-based training media for users		FY21-FY22	In Progress

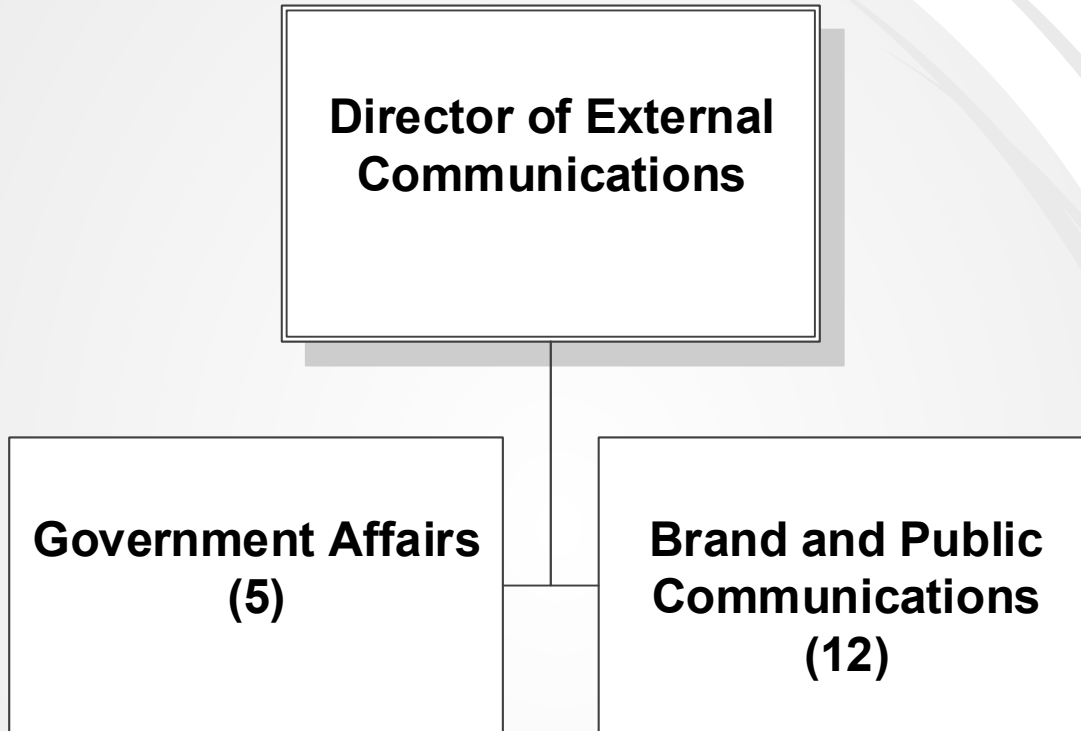
<b>Appropriations:</b>	<b><u>FY 2019-20</u></b> <b><u>Actual</u></b>	<b><u>FY 2020-21</u></b> <b><u>Estimate</u></b>	<b><u>FY 2021-22</u></b> <b><u>Adopted Budget</u></b>
Personnel Expenditures	\$1,560,069	\$1,700,780	\$1,695,841
Operating Expenditures	1,710,987	2,470,248	2,361,810
Capital Expenditures	143,512	428,474	44,000
<b>Total Appropriations</b>	<b>\$3,414,568</b>	<b>\$4,599,502</b>	<b>\$4,101,651</b>



New Resources for FY 2021-22		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
Tech Support Specialist I	IT currently has an LTE administrative support position that has been instrumental in assisting the Technology Support team. By making this position permanent the team will be better able to assist staff with IT related issues and help manage the technology currently in use.	67,694
Computer Replacements	Estimated: 18 desktops, 46 laptops, 7 tablets, 8 towers, 138 monitors, peripherals, and deployment costs.	192,232
Drive Slots	To secure Martinez II as the River Authority's disaster recovery site, additional drives need to be added to host servers that will be available in the event of a catastrophe. Currently, the River Authority has 8 drive slots and would like to acquire 17.	44,000
Predictive Flood Modeling Annual Maintenance	The Predictive Flood Modeling Project will be completed in FY 2020-21. Upon completion, there will be an annual maintenance fee for the product.	200,000
Azure Hosting Services	The River Authority may need supplemental storage and other services as the need for future websites, dashboards/visualizations, and data catalog expands.	30,000
GIS Data Management	Staff plans to engage with a consultant in its data management effort to assist in ensuring that the River Authority is considering current and future growth needs.	30,000
<b>Total - Information Technology</b>		<b>\$563,926</b>

Performance Measure	Strategic Plan Goal	FY 2019-20 Actuals	FY 2020-21 Actuals	FY 2021-22 Goal
Helpdesk Tickets Closed		2,103	2,427	2,200
Phishing Campaigns Released		6	10	12

## External Communications



Authorized Positions	FY20 Authorized	FY21 Authorized	FY22 Budget
Total External Communications	16	17	17

Refer to appendix for full details

# External Communications

**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.


External Communications, formally referred to as IGCR, incorporates both Government Affairs (GA) and Brand & Public Communications (BPC). These two units support the River Authority's government relations and public communications.

## Government Affairs

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.

## Brand & Public Communications

The Brand & Public Communications (BPC) 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.





Objectives	Strategic Plan Goal	Timeframe	Status as of 7/1/2021
Strengthen governmental and community ties in the southern basin		FY21-FY22	In Progress

Objectives	Strategic Plan Goal	Timeframe	Status as of 7/1/2021
Enhance awareness of San Pedro Creek Culture Park activities including ongoing construction.		FY20-FY23	In Progress
Develop and execute an external communications plan to promote the agency's brand identity		FY21-FY22	In Progress
Develop and implement Trash Initiative		FY21-FY23	In Progress
Sunset Review process implementation		FY21-FY23	In Progress

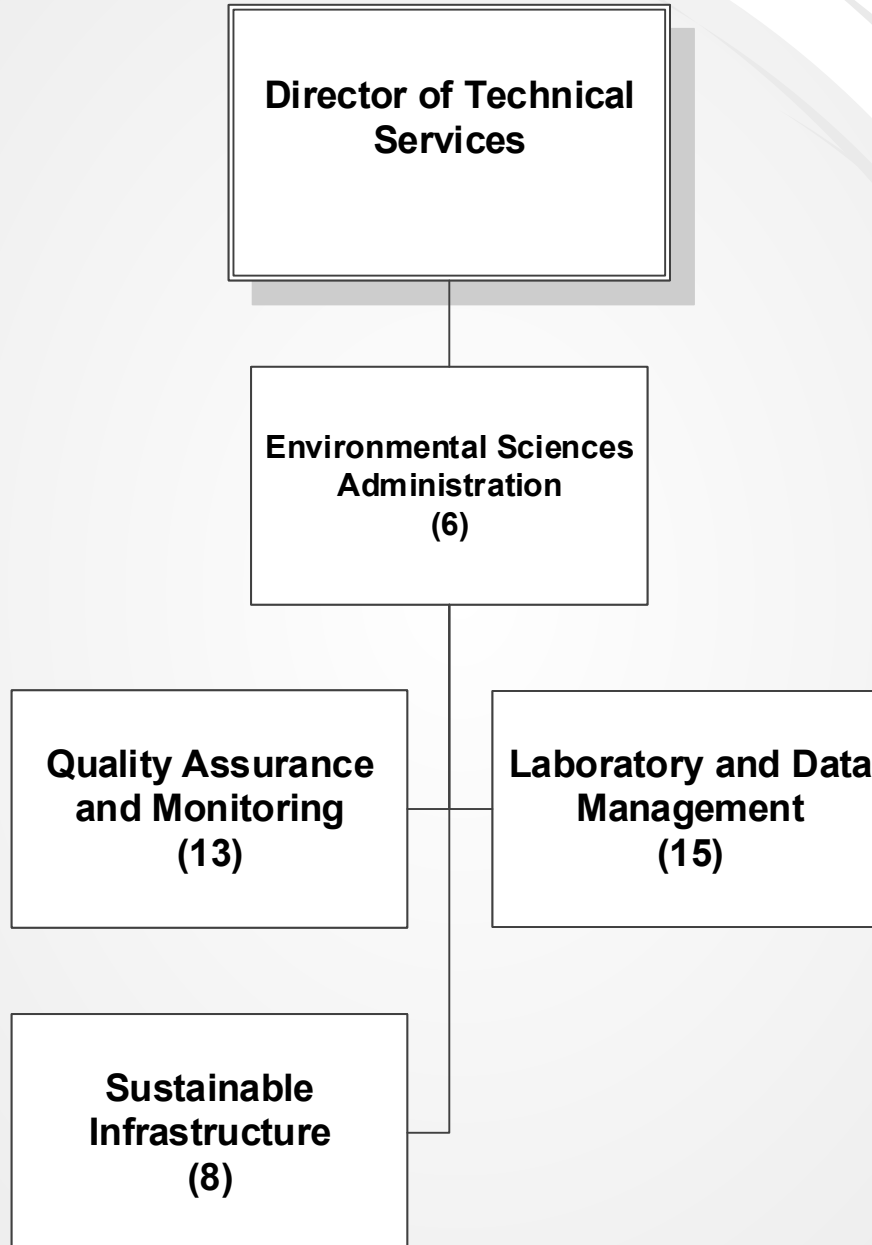
<b>Appropriations:</b>	<b><u>FY 2019-20</u></b> <b><u>Actual</u></b>	<b><u>FY 2020-21</u></b> <b><u>Estimate</u></b>	<b><u>FY 2021-22</u></b> <b><u>Adopted Budget</u></b>
Personnel Expenditures	\$1,241,140	\$1,352,998	\$1,421,728
Operating Expenditures	1,534,838	1,501,940	2,358,878
Capital Expenditures	-	-	-
<b>Total Appropriations</b>	<b>\$2,775,978</b>	<b>\$2,854,938</b>	<b>\$3,780,606</b>

New Resources for FY 2021-22		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
Support for San Pedro Creek Culture Park	This supports administration activities related to the ongoing construction and operation of the San Pedro Creek Culture Park. Activities include subcommittee and stakeholder engagement, public information, and promotional activities for the events held in the opened section of the park.	35,000
Escondido Creek Parkway Annual Event	COVID-19 halted plans for the in-person grand opening of the Escondido Creek Parkway. The new park was opened virtually in 2020 and staff plans to hold an annual event in the new park.	25,000
Household Hazardous Waste (HHW) Collection events	The HHW events are extremely popular in Wilson, Karnes and Goliad counties and help keep our watershed safe, clean, and enjoyable. The costs of holding these events have increased due to growing participation, increased amounts of materials being brought to the events, and rising vendor costs. The River Authority has also been asked to add a second event in Goliad County.	70,000

New Resources for FY 2021-22		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
SASPAMCO Paddling Trail race	The River Authority, in cooperation with the San Antonio River Foundation, will hold a kayak/canoe race on the SASPAMCO Paddling Trail. The race will be a time trial race with participants leaving one-at-a-time and racing against the clock. There will be two distances for competitors to choose from: a 12-mile race from River Crossing Park to Helton Nature Park and a 6-mile race from Graytown Park to Helton Nature Park. Prizes will be awarded to the top 3 finishers in each category.	15,000
Litterati App Subscription	The River Authority is launching a new trash outreach initiative and plans to promote the use of the Litterati app in the basin. The Litterati app encourages users to take photos of litter and discard properly. The app automatically geo-tags and catalogs the image. By using this app the River Authority can challenge its constituents to pick up litter and can share the information collected with other companies, organizations, and governments to create positive environmental policy changes.	6,000
Trash Outreach Initiative	The River Authority is launching a new trash outreach initiative to raise awareness and change behaviors to help eliminate littering. These funds will be used to launch and promote the new trash initiative throughout FY 2021-22.	200,000
<b>Total – External Communications</b>		

Performance Measure	Strategic Plan Goal	FY 2019-20 Actuals	FY 2020-21 Actuals	FY 2021-22 Goal
Exceed the governmental industry average for engagement rate per post for Facebook.		2.2%	2.8%	> 0.21%
Exceed the governmental industry average for engagement rate per post for Twitter.		1.6%	1.8%	> 0.06%
Exceed the governmental industry average for engagement rate per post for Instagram.		0.4%	1.4%	> 1.08%
Average Time Spent Reading a Blog article		No Data	3:11	>0:37

# Environmental Sciences



Authorized Positions	FY20 Authorized	FY21 Authorized	FY22 Budget
Total Environmental Sciences	41	42	42

# Environmental Sciences

**Vision:** Utilize scientific expertise to advance environmental integrity along with Increasing community awareness of and participation in sustainable land development

**Mission:** Enhancing watershed health through scientific expertise and strategic solutions along with Improving long-term watershed health through incentives, barrier reduction, and innovative, strategic, and multi-benefit land development solutions




The Environmental Science Department (ESD) provides research, data gathering, scientific assessment and environmental coordination functions for the River Authority.



## Environmental Sciences

ESD evaluates water and stormwater quality; provides environmental planning and pollution prevention; identifies resource protection and promotes ecosystem restoration, instream and environmental flow needs. The department evaluates public health issues and provides public outreach. Services provided by ESD are water quality/environmental monitoring, laboratory operations, quality assurance, data management and data assessments, and stormwater monitoring.

## Sustainable Infrastructure (SI) Unit

SI promotes and encourages incorporation of green infrastructure and other sustainable land development practices into public and private land development projects through incentives and barrier reduction strategies, training and education, technical assessments, studies and recommendations, and green infrastructure maintenance inspections.

Objectives	Strategic Plan Goal	Timeframe	Status as of 7/1/2021
Develop Genetic Management Plan and Habitat Suitability Model in preparation for Mission Reach freshwater mussel reintroduction effort.		FY21-FY23	In Progress
In ProgressDevelop dashboards and reports in support of continuous instream and stormwater monitoring activities, upcoming mussel reintroduction effort and basin wide species diversity.		FY21-FY23	In Progress
Develop bacterial source tracking library markers to expand the laboratory's fecal source identification capability		FY21-FY22	In Progress

Objectives	Strategic Plan Goal	Timeframe	Status as of 7/1/2021
Assess feasibility of short-term water quality trending alerts to enhance the River Authority's ability to address pollutant concerns in real-time.		FY21-FY22	In Progress
Expand Low Impact Development credential training opportunities and attendance for both public and private entities		FY22	In Progress

<b>Appropriations:</b>	<b><u>FY 2019-20</u></b> <b><u>Actual</u></b>	<b><u>FY 2020-21</u></b> <b><u>Estimate</u></b>	<b><u>FY 2021-22</u></b> <b><u>Adopted Budget</u></b>
Personnel Expenditures	\$3,455,210	\$3,635,418	\$3,474,644
Operating Expenditures	533,107	616,489	866,921
Capital Expenditures	126,532	159,202	85,000
<b>Total Appropriations</b>	<b>\$4,114,849</b>	<b>\$4,411,109</b>	<b>\$4,426,565</b>

New Resources for FY 2021-22		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
<b>Planning and Administration</b>		
Apple Snail Removal	The River Authority has taken the lead on mitigating this invasive species and is looking to outsource removal. This request allows River Authority staff to maintain the lead role from a public perspective, while nearly eliminating the amount of staff time committed.	40,000
JMP Statistical Software	Staff has been using this software for statistics under a free limited time use for the Mussel Study and would like to continue to use this software for this project and other environmental sciences projects in the future.	1,500
<b>Total - Planning and Administration</b>		<b>41,500</b>
<b>Laboratory</b>		
Total Organic Carbon Analyzer	The total organic carbon analyzer is used to support quality control and storm water analysis. Due to its frequent use the current instrument needs to be repaired multiple times per year and uses more consumable supplies. Replacing this aged instrument will result in a lower operating cost and less down time.	35,000
Continuous Temperature Monitoring System	The lab is accredited to NELAP standards which requires daily monitoring of lab support equipment temperatures of ovens, incubators, freezers, and freezers. The standard dictates that certain parameters outside of the temperature limits cannot be reported and the data must be discarded. A past temperature oversight of 0.1 degree centigrade resulted in the loss of over 200 points of data for a single lab parameter. A real-time monitoring and notification system would	50,000



New Resources for FY 2021-22		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
	allow for lab personnel to take corrective action in real time to reduce opportunities for data losses from human error to equipment power loss.	
Upgrade LabWorks Platform	This software upgrade will make customer data reporting easier and more efficient. The upgrade will add links to reports which would help reduce document duplication of printed reports and chain of custody worksheets. The upgrade also allows for instrument IDs to be documented in the system to increase traceability of analysis in analytical reporting.	10,000
<b>Total - Laboratory</b>		<b>95,000</b>
Sustainable Infrastructure		
Avian Study	This will fund project management services and surveys to be conducted throughout the fiscal year to collect and enter data into the River Authority's Avian database.	10,000
GSI Credential Course IV: Site Assessment	In FY 2021-22, staff are looking to engage a consultant to convert the remaining material into a fourth virtual offering. This new course will focus on site assessment and will incorporate urban planning context and assessing a site to generate multiple-benefit solutions.	22,000
GSI Implementation Strategies Assessment	The River Authority will work directly with the development community to promote the use of low impact development (LID) tools. Staff plans to engage a consultant to assist in developing and implementing strategies to better understand the perspective of the development community. The goal is to build a strong understanding of strengths and challenges associated with implementing LID practices and identify areas in which to refine current requirements, strategies and the approaches taken by the River Authority and other area agencies.	60,000
<b>Total – Sustainable Infrastructure</b>		<b>92,000</b>
<b>Total - Environmental Sciences</b>		<b>228,500</b>

## Efforts

The FY 2021-22 Adopted Budget appropriates funds for certain important activities in separate line items to ensure transparency for these important efforts. For Environmental Sciences, the following efforts are highlighted.



### The Texas Clean Rivers Program (CRP)

ESD collects surface water quality data, information on instream habitat, fish communities, and benthic macroinvertebrate communities in the San Antonio River Basin that is of known and documented quality. Data generated by this program aids the River Authority and the Texas Commission on Environmental Quality (TCEQ) in characterizing water quality conditions and biological communities to determine the extent to which waterbodies in the basin meet the Texas Surface Water Quality Standards.



#### Bacterial Source Tracking

Laboratory staff currently evaluate presence/absence of the human *Bacteroides* marker at various sites and during intensive sampling efforts. If the marker is detected, staff have the capability of quantifying the number of bacterial DNA copies in a sample. In FY21/22, 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 to the fecal pollution along the river. The effort to develop markers will take about two years to complete.



#### River Authority Freshwater Mussel Program ADD

- Holistic Mussel Surveys – Basin wide surveys initiated in 2014 designed to evaluate overall species richness, abundance, and distribution. Thirteen species and over 1,500 individuals have been observed to date.
- Mussel Propagation and Production Project – Collaborative project with the United States Fish & Wildlife Service (USFWS) to develop propagation methodology for four species targeted for reintroduction.
- Freshwater Mussel Reintroduction – Four mussel species (Pimpleback, Pistolgrip, Threeridge and Yellow Sandshell) will be strategically reintroduced to portions of the Mission Reach over the next 5+ years.



#### Invasive Species Monitoring/Removal shorten in book

- Zebra Mussels – Monitoring Calaveras, Braunig and Boerne City Lakes, the San Antonio River and the Medina River for presence of adult, juvenile and larval individuals.
- Apple Snails – ESD staff coordinates removal of the invasive apple snails first found in the San Antonio River basin in fall 2019. This effort has significantly grown in scale as this species has taken hold and the population exponentially increased.



#### Mission Reach (*E. coli*) Pilot Study – Phase II

After one year of monitoring to assess daily *E. coli* levels in the Mission Reach, staff will review bacteria data, identify risks and ways to mitigate those risks. Staff will make a recommendation on whether to proceed working with the City of San Antonio to allow swimming at points in the Mission Reach.



#### LID Credentialing Training Program

SI team has transitioned the construction inspection and the annual operations and maintenance courses each into two ½-day courses offered virtually. The site assessment and design course has been split into two courses, one focusing on site assessment and the other on site design. Both courses will be eight-hour courses offered on two half days each.



### Avian Study

Following successful completion of the three-year Avian Study in 2019, Sustainable Infrastructure staff has continued management of 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, uninterrupted 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.





### Triple Bottom Line Assessments

Since 2011, the River Authority has advocated for agency and community adoption of multi-benefit projects that balance the three components of the triple bottom line (TBL): environment, quality of life, and economics, often referred to as planet, people, and profit. In Fiscal Year 2021-22, SI staff plan to conduct TBL analyses on the Mission Reach project, which represents the community's largest open space/linear trailway/ecosystem restoration project to be assessed for its TBL cost/benefits. SI also plans to analyze Rebate projects completed since fall 2020.



### Market-driven Outreach Strategies

This effort will partner with various development and agency stakeholders on up to six strategies designed to increase use of green infrastructure, including but not limited to identifying remaining barriers to green infrastructure implementation, understanding available City of San Antonio incentives and how they compare to other incentives, and identifying and mapping non-River Authority-related green infrastructure projects.

Performance Measure	Strategic Plan Goal	FY 2019-20 Actuals	FY 2020-21 Actuals	FY 2021-22 Goal
Index of Biotic Integrity (IBI)		52.4	55.0	60.0
Habitat Quality Index (HQI)		76.2	70.0	74.0
Clean Rivers Program Performance Evaluation		18	18	18

# Real Estate

**Director of Technical  
Services**

**Real Estate  
(7)**

Authorized Positions	FY20 Authorized	FY21 Authorized	FY22 Budget
Total Real Estate	<b>7</b>	<b>7</b>	<b>7</b>

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.

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 needs.

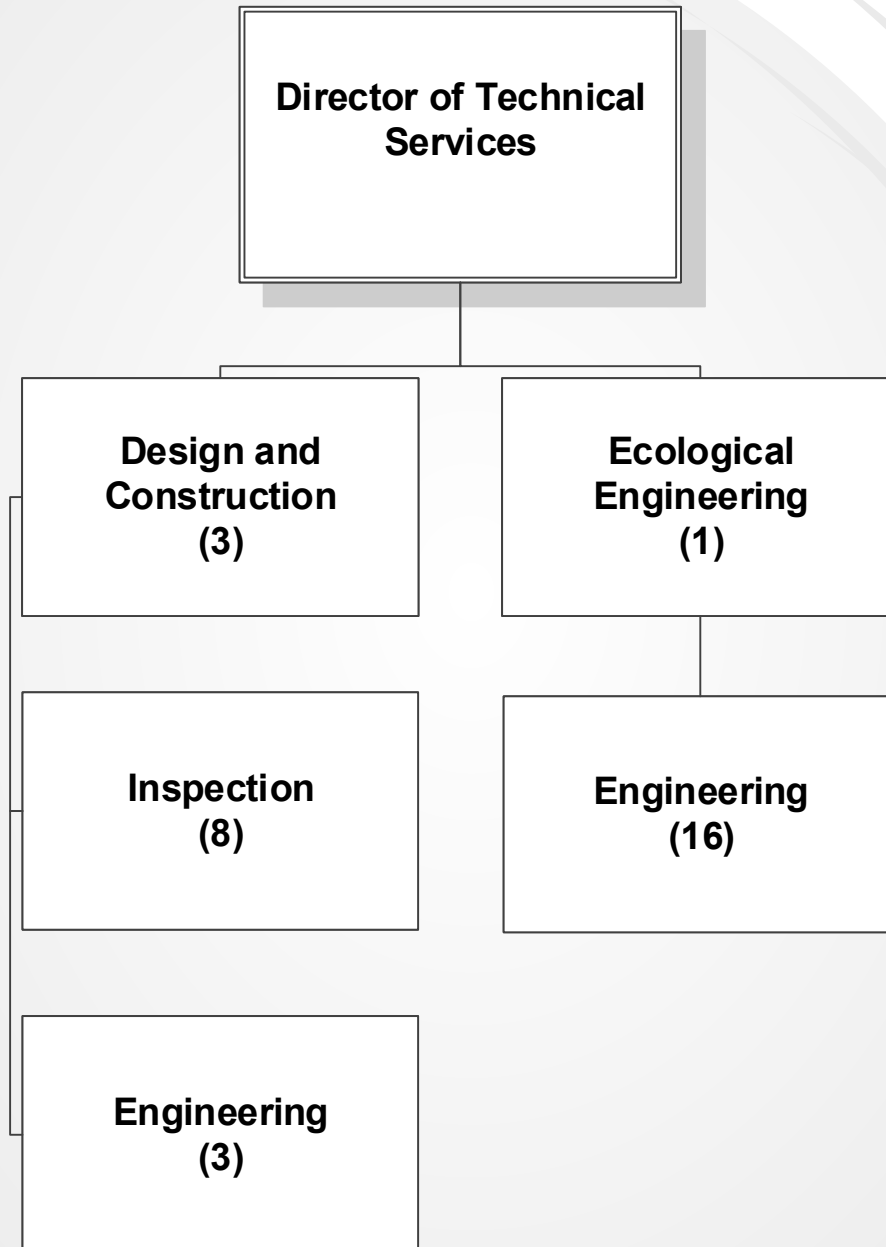
Objectives	Strategic Plan Goal	Timeframe	Status as of 7/1/2021
Implement Real Estate Audit program.		FY21-FY23	In Progress

<b>Appropriations:</b>	<u>FY 2019-20</u> <u>Actual</u>	<u>FY 2020-21</u> <u>Estimate</u>	<u>FY 2021-22</u> <u>Adopted Budget</u>
Personnel Expenditures	\$487,925	\$476,073	\$532,240
Operating Expenditures	35,239	29,495	77,160
Capital Expenditures	-	-	-
<b>Total Appropriations</b>	<b>\$523,164</b>	<b>\$505,568</b>	<b>\$609,400</b>

New Resources for FY 2021-22		
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
Shape Files	The River Authority is looking for assistance to interpret real estate conveyance documents to provide shapes to GIS to complete the property inventory in the Real Estate Viewer GIS System.	30,000
<b>Total - Real Estate</b>		<b>86,040</b>

Performance Measure	Strategic Plan Goal	FY 2019-20 Actuals	FY 2020-21 Actuals	FY 2021-22 Goal
Percent of Land Asset Reconciliation Complete by end of Fiscal Year		9.4%	42.2%	72.3%

# Watershed Engineering



Authorized Positions	FY20 Authorized	FY21 Authorized	FY22 Budget
Total Watershed Engineering	31	32	31

# Watershed Engineering

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**Vision:** To be the preferred collaborator to develop scientific and technically innovative solutions that improve sustainability for the public as well as promote the safety, health, and welfare of the public by providing sound engineering advice, guidance and support, and exceptional project management services, to internal and external partners and stakeholders

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

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. Watershed Engineering strives to complete all projects and tasks on schedule, within budget and at a quality that meets or exceeds the customers' expectations.

## Design and Construction Engineering




The Engineering Design and construction (EDC) 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 use of best practices of project management and delivery. The department supports capital improvement projects, facility planning, design and construction, water resource planning, wastewater collections and treatment, and all other technical programs as needed for the San Antonio River Authority. This department provides support and resources for the design, drafting, permitting, 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 and efforts. The Engineering Design and Construction team strives to complete all projects and tasks on schedule, within budget and at a quality that meets or exceeds the customers' expectations.

The Engineering Design and Construction department works with public agencies in the River Authority's jurisdiction to assist them in planning and execution of capital projects and efforts, to maximize sustainability and efficiency, reduce duplication, and make decisions on a holistic watershed basis.

## Ecological Engineering

This department provides support and resources for planning, assessment, survey, and administration of water resource riparian and ecological restoration, sustainable stormwater management, and implementation of other technical engineering projects. 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. The River Authority serves as a Cooperating Technical Partner (CTP) for the Federal Emergency Management Agency (FEMA) for review of floodplain map revisions. As one of the leaders of the Bexar Regional Watershed Management (BRWM) partnership, the Ecological Engineering Department maintains watershed master plans and 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.

Objectives	Strategic Plan Goal	Timeframe	Status as of 7/1/2021
Advance the business development plan of the Stream Restoration Potential initiatives.		FY21-FY24	In Progress
Develop and improve management of requests for survey needs.		FY21-FY22	In Progress
Support design and construction of a new water well at the San Antonio Zoo.		FY20-FY23	In Progress

<b>Appropriations:</b>	<b><u>FY 2019-20</u></b>	<b><u>FY 2020-21</u></b>	<b><u>FY 2021-22</u></b>
	<b><u>Actual</u></b>	<b><u>Estimate</u></b>	<b><u>Adopted Budget</u></b>
Personnel Expenditures	\$3,393,355	\$3,487,506	\$3,429,244
Operating Expenditures	684,592	827,712	882,388
Capital Expenditures	-	-	-
<b>Total Appropriations</b>	<b>\$4,077,947</b>	<b>\$4,315,218</b>	<b>\$4,311,632</b>

New Resources for FY 2021-22		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
Watershed Master Plan Maintenance	Additional funds are needed to maintain, update, and enhance the watershed masterplans. In FY 2021-22, watershed condition data will be translated into updated projects and improve data accessibility.	55,000
Stream Restoration Program – Training	The original program amount has remained unchanged since it was implemented. Additional funds are needed to cover rising costs. Increased funding will allow for the same level of projects to be maintained.	25,000
<b>Total - Watershed Engineering</b>		<b>\$80,000</b>



## Efforts

The FY 2021-22 Adopted 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.

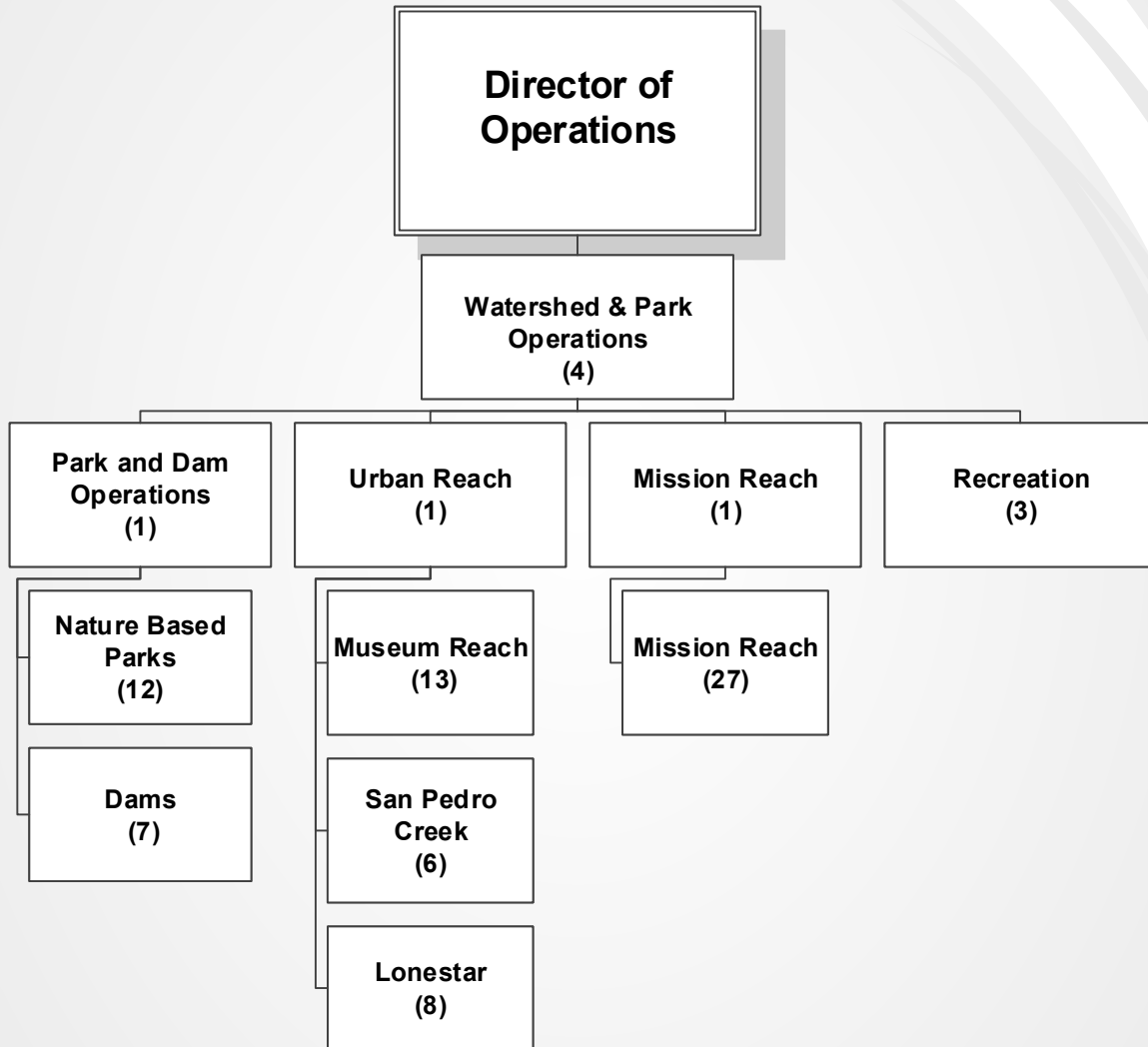


### U.S. Geological Survey (USGS) Water Quality and Monitoring Network

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 Measure	Goal	FY 2019-20 Actuals	FY 2020-21 Actuals	FY 2021-22 Goal
Floodplain – structures removed		581	22	577
Stream Restoration – miles restored		12.1	12.1	12.3

# Watershed and Park Operations



Authorized Positions	FY20 Authorized	FY21 Authorized	FY22 Budget
Total Water and Park Operations	81	83	83

Refer to appendix for full details

# Watershed and Park Operations

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**Vision:** Provide world class opportunities to inspire actions.



**Mission:** Enriching community and watershed health through innovative service.

The Watershed and Park Operations (WPO) Department supports the River Authorities flood retardant structure maintenance responsibilities in Bexar and Karnes County, early flood stage monitoring through telemetry units throughout the basin with a focus on and targeted flood debris removal, linear trail maintenance to include infrastructure and vegetation along Museum Reach and San Pedro Creek Culture Park in addition to the Mission Reach eco-system/recreation project, LID maintenance responsibilities, nature based parks throughout the basin along with river access points supportive of programming, recreational opportunities and park programming.

The department is comprised of staff who work to support all the functions described above. This is done by focusing on the operations, landscape, eco-system restoration and function 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, to include infrastructure maintenance and repairs, 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.

Objectives	Strategic Plan Goal	Timeframe	Status as of 7/1/2021
Assess trail maintenance/stability on the Mission reach.		FY20-FY22	In Progress
Develop Highway 239 paddling access site in Goliad County.		FY22	Not Started

<b>Appropriations:</b>	<b><u>FY 2019-20</u></b> <b><u>Actual</u></b>	<b><u>FY 2020-21</u></b> <b><u>Estimate</u></b>	<b><u>FY 2021-22</u></b> <b><u>Adopted Budget</u></b>
Personnel Expenditures	\$4,756,589	\$5,359,520	\$5,441,028
Operating Expenditures	2,662,124	2,769,612	3,121,030
Capital Expenditures	23,151	398,173	288,000
<b>Total Appropriations</b>	<b>\$7,441,864</b>	<b>\$8,527,305</b>	<b>\$8,850,058</b>

<b>New Resources for FY 2021-22</b>		
<b>Description</b>	<b>Business Justification/Benefit to SARA and/or Stakeholders</b>	<b>Amount</b>
General Capital Allocation	Seven replacement items; tractor, bat wing shredder, disc mower, bumper pull trailer, zero turn mower, UTV	250,000
Recreational Equipment at Helton Nature Park	Staff would like to add a new recreational opportunity at Helton Nature Park.	38,000
<b>Total - Watershed and Park Operations</b>		<b>\$288,000</b>

### **Efforts**

The FY 2021-22 Adopted Budget appropriates funds for certain important activities in separate line items to ensure transparency for these important efforts. For Watershed and Park Operations, three 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 ensures conveyance throughout the basin with protection of flood and erodible concerns that may be due to debris and log jams. Historically this has resulted in multiple internal efforts supportive of private and public partners in our watershed.



#### **River of Lights**

The Annual River of Lights- 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, and a musical pixel Christmas tree.

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.



#### *Mission Reach Stem Density Effort*

This effort supports flood protection and conveyance along the Mission Reach project and ensuring alignment with current FEMA requirements. Working with the watershed engineering department, seven maps were created to depict the most vital areas to manage first. The Watershed and Park Operations team have started phasing this effort in and estimate the entire effort will take up to three years to complete.

Performance Measure	Goal	FY 2019-20 Actuals	FY 2020-21 Actuals	FY 2021-22 Goal
Floodplain – structures removed		581	22	577
Stream Restoration – miles restored		12.1	12.1	12.3

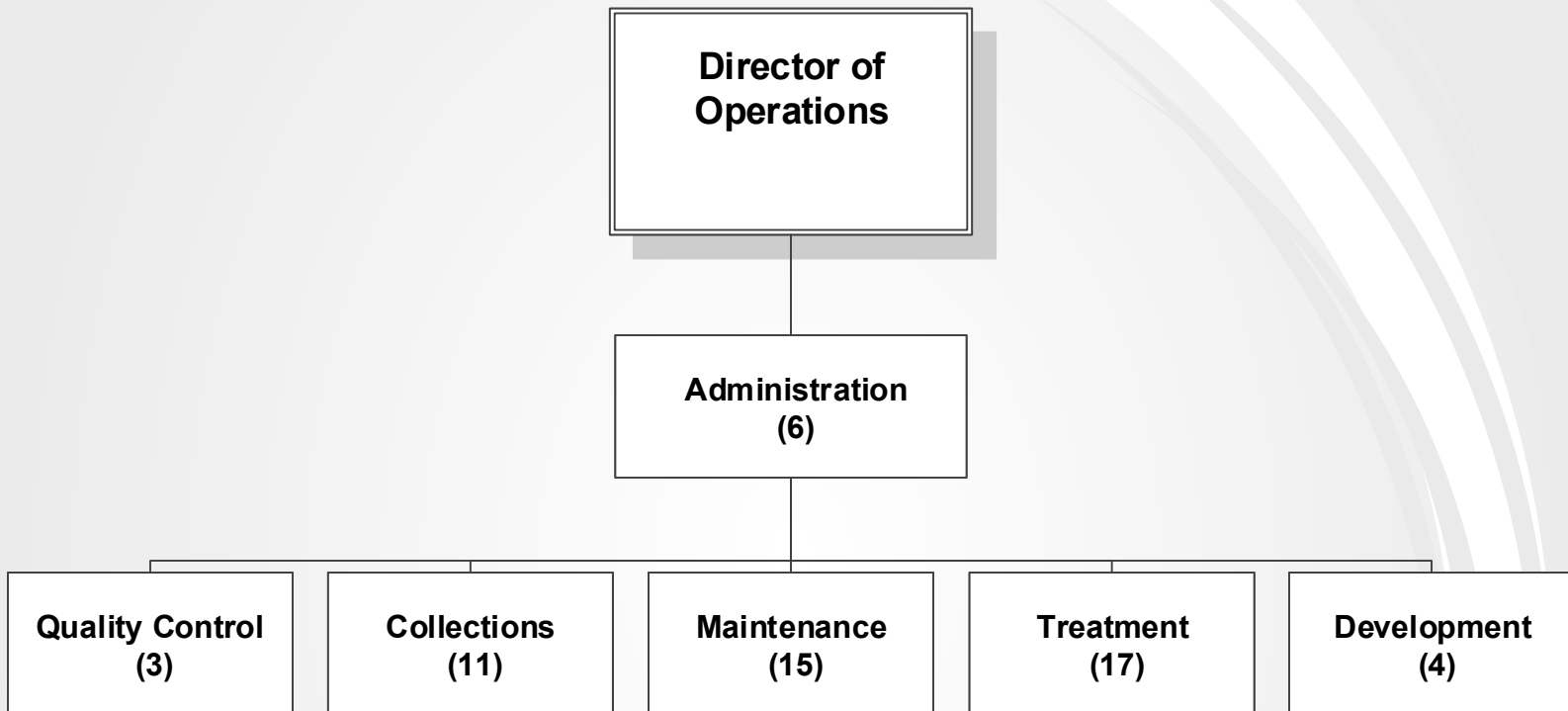


# Utility Funds



Photo by Laura Kroll  
2020 River Clicks Photo Contest  
Judge's Choice - Wilson County Category Winner

# Utilities



Authorized Positions	FY20 Authorized	FY21 Authorized	FY22 Budget
Total Utilities	52	52	56

# Utility Funds

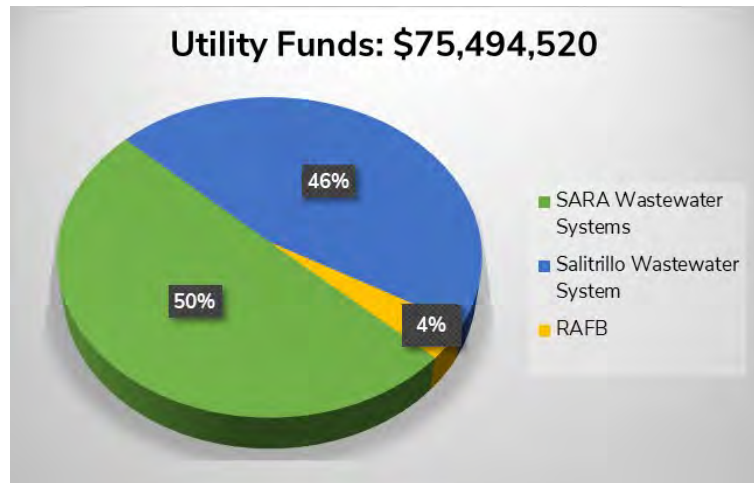
**Vision:** Influencing sustainable actions through innovative water reclamation solutions.

**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 four

permitted active wastewater treatment plants (WWTP) 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.

Objectives	Strategic Plan Goal	Timeframe	Status as of 7/1/2021
Promote the strategic growth of collection system and plant capacity within the Martinez IV service delivery area through coordination with developers and other stakeholders.		FY21-FY25	In Progress
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.		FY21-FY25	In Progress



## San Antonio River Authority Wastewater Systems Fund

The San Antonio River Authority (SARA) Wastewater Systems Fund accounts for both operating and construction and improvement costs associated with the SARA wastewater system. This system has four WWTPs 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.

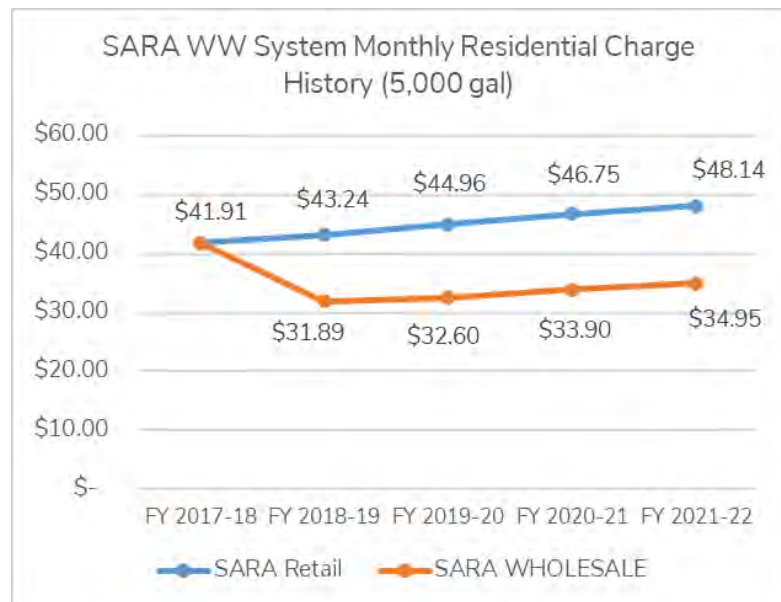
The SARA wastewater system also provides wholesale wastewater service to the City of Schertz and Green Valley Special Utility District.

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.

### **Charges for Services**

River Authority staff has been collaboratively working to ensure the continued success and service of the wastewater utility enterprise. For FY 2021-22, the rates for the SARA wastewater system result in a monthly charge to the customer of \$48.14 for 5,000 gallons of usage. For FY 2021-22, the rate consists of two components. The variable rate, which covers operations and maintenance expenditures, is decreasing from \$4.69 per 1,000 gallons to \$4.54 per 1,000 gallons. This is a result of a decrease in

operating expenditures. The fixed rate, which covers debt service, capital, and renewal and replacement expenditures, is increasing from \$23.30 to \$25.44. Major capital investments, driven either by aging infrastructure or plant expansions, have been identified in the Capital Improvement Plan for the SARA Wastewater System.



### SARA Retail Wastewater Rate Forecast

Winter Average (constant variable)		5,000			
FY22 ADOPTED RATE					
		FY21	FY22	FY23	FY24
	fixed	23.30	25.44	27.10	27.75
	variable rate	4.69	4.54	4.50	4.45
Estimated Monthly Charge					
	fixed	23.30	25.44	27.10	27.75
	variable charge	23.45	22.70	22.50	22.25
Total Estimated Charge		\$ 46.75	\$ 48.14	\$ 49.60	\$ 50.00
	Annual % Change	3.98%	2.98%	3.04%	0.79%
	Monthly \$ Change	\$ 1.79	\$ 1.39	\$ 1.46	\$ 0.39

<b>All Other Users Rate</b>	<b>FY21</b>	<b>FY22</b>	<b>FY23</b>	<b>FY24</b>
(per 1,000 gallons)	\$9.57	\$9.85	\$10.15	\$10.25

### SARA Wholesale Wastewater Rate Forecast

Winter Average (constant variable)		5,000			
FY22 ADOPTED WHOLESALE RATE					
		FY21	FY22	FY23	FY24
	fixed	10.45	12.25	13.50	14.85
	variable rate	4.69	4.54	4.50	4.45
Estimated Monthly Charge					
	fixed	10.45	12.25	13.50	14.85
	variable charge	23.45	22.70	22.50	22.25
Total Estimated Charge		\$ 33.90	\$ 34.95	\$ 36.00	\$ 37.10
Annual % Change		3.99%	3.10%	3.00%	3.06%

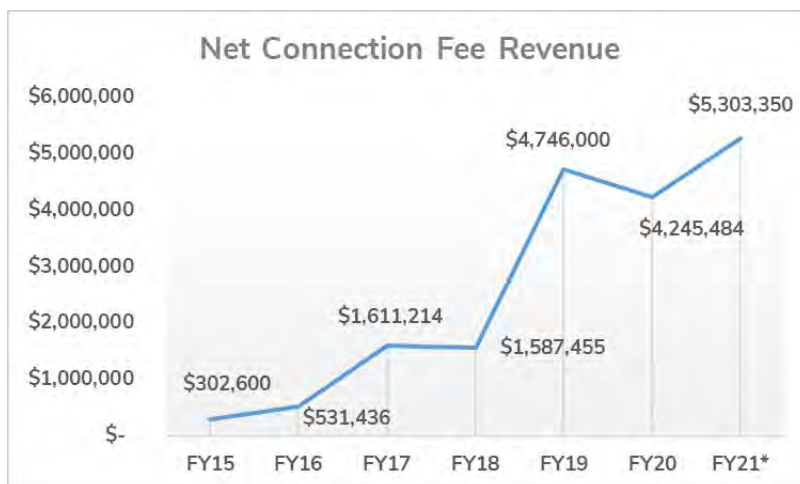
<b>All Other Users Rate</b>	<b>FY21</b>	<b>FY22</b>	<b>FY23</b>	<b>FY24</b>
(per 1,000 gallons)	\$6.69	\$6.88	\$7.09	\$7.16

## **Major Assumptions in Rate Development**

- Assume 3% inflation in operating costs (Personnel, Supplies, & Other Services & Charges) in future years.
- The FY22 Operating Expenditures budget decreases as compared to the FY 2020-21 Amended Budget.
- Support Fee to General Fund is increasing by \$120,866 (9%).
- Budgeting \$3 million in net revenue from connection fees.
- Capacity Management Operations and Maintenance (CMOM) project is continuing in FY 2021-22. Three new FTEs are in the adopted budget to support the project.
- Issued debt in FY 2020-21 to fund Martinez IV Expansion, Abbott Road Lift Station Expansion, and the Martinez IV Collection System CIP – Project 29. The first year of debt service payment is due in FY 2021-22 with the full payment beginning in FY 2022-23. The average annual payment is \$1.2 million.
- Current plan is to cash fund ROW acquisitions and construction for the Martinez IV Collection System CIP – Project 29 in FY23-FY24.
- Continuing SARA Maintenance and Improvements Project in FY22 to address aging infrastructure at Upper Martinez and Martinez II.
- The next expansion of Martinez II is scheduled to begin in FY 2024-25. Upon completion the Upper Martinez WWTP will be decommissioned. The funding plan assumes a 70%/30% debt to cash financing. Design for the rehabilitation of the interconnect line between the two plants is planned to begin in FY22. Once the interconnect line is rehabilitated the plant expansion can begin.
- Adjustments were made to the fixed rate to smooth rate impact recommended in FY22, FY23, and FY24.
- The next expansion of the Martinez IV WWTP is expected to being in FY26-FY27.

## **Connection Fees**

As part of the rate management strategy the River Authority is increasing the connection fees in the Martinez IV service area in FY 2021-22. This additional revenue will fund infrastructure improvements.



<u>Wastewater Treatment Plant Service Area</u>	<u>FY21 Connection Fee per EDU</u>	<u>FY22 Connection Fee per EDU</u>
SARA Wastewater System – Upper Martinez and Martinez II	\$3,250	\$3,250
SARA Wastewater System - Martinez IV	\$3,250	\$4,000

Available Funds	FY 2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Estimate	FY 2021-22 Budget
<b>Beginning Balance</b>				
Unrestricted Balance	\$ 3,058,902	\$ 2,876,335	\$ 1,729,642	\$ 1,873,422
Restricted for Debt Service	2,421,379	2,976,444	2,976,444	2,921,379
Restricted Balance - Connection Fee Construction	7,730,360	9,190,273	11,975,844	17,279,194
Restricted Balance - Construction & Improvements	9,171,755	13,343,349	12,026,468	34,823,576
Restricted Balance - Debt Proceeds	-	-	-	1,994,774
Total Beginning Balance	\$ 22,382,396	\$ 28,386,401	\$ 28,708,398	\$ 58,892,344
<b>Revenue</b>				
Charges for Services - Sewer Fees	\$ 10,281,482	\$ 11,423,969	\$ 11,465,100	\$ 12,677,351
Charges for Services - Rentals/Leases	369,875	100,000	208,210	185,000
Connection Fees	5,655,984	2,810,000	5,303,350	3,000,000
Debt Proceeds	-	11,000,000	23,284,690	-
Impact Fees	-	-	-	-
Investment Earnings	339,538	150,000	55,249	65,000
Intergovernmental Revenue	429,647	535,959	456,283	555,507
Miscellaneous	308,639	75,000	154,791	75,000
Transfers	2,900,000	3,800,000	3,800,000	-
Total Revenue	\$ 20,285,164	\$ 29,894,928	\$ 44,727,673	\$ 16,557,858
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 42,667,560</b>	<b>\$ 58,281,329</b>	<b>\$ 73,436,071</b>	<b>\$ 75,450,202</b>
<b>APPROPRIATIONS</b>				
<b>Operating Expenses</b>				
Personnel Expenditures	\$ 2,750,942	\$ 2,917,873	\$ 2,892,687	\$ 3,018,819
Operating Expenditures	2,167,627	2,825,112	2,601,000	2,621,916
Capital Outlay	436,244	500,653	500,633	493,500
Debt Service - Revenue Bonds	1,671,846	1,664,783	1,665,033	2,342,561
Transfers - Support Fees	1,325,623	1,325,623	1,299,533	1,446,489
Transfers - Construction and Improvements	2,900,000	3,800,000	3,800,000	-
Reimbursements	(581,405)	(684,538)	(370,774)	(545,000)
Subtotal Operating	\$ 10,670,877	\$ 12,349,506	\$ 12,388,112	\$ 9,378,284
<b>Construction and Improvement Project Expenses*</b>				
<b>Active Ongoing</b>				
Capacity Management Operations & Maintenance	\$ -	\$ 600,000	\$ 71,837	\$ 1,028,164
Martinez IV Collection System CIP	171,296	965,712	5,900	922,693
Martinez IV Collection System CIP - Project 4	1,269,755	1,527,154	330,484	12,346
Martinez IV Collection System CIP - Project 29	-	-	-	1,500,000
Martinez IV Wastewater Treatment Plant Expansion	126,664	11,648,637	1,678,562	19,994,774
Roadway Collection System Projects	8,426	300,000	24,474	267,100
Salitrillo and Martinez Sewershed Models	202,806	204,847	18,415	83,635
SARA WW Maintenance & Improvements	-	1,260,000	25,943	4,209,057
Utility Optimization Plan	12,379	122,500	-	110,121
<b>New Authorized Projects</b>				
Martinez II/Upper Martinez Interconnect Line	-	-	-	350,000
<b>Closed Projects</b>				
Martinez III Decommission	30,734	99,950	-	-
Martinez IV Impact Fee Evaluation	18,812	-	-	-
Martinez IV Wastewater System and Phase IV Collection Line	36,913	-	-	-
Connection Fee Expenditures	1,410,500	1,400,000	-	-
Subtotal Projects	\$ 3,288,285	\$ 18,128,800	\$ 2,155,615	\$ 28,477,888
<b>TOTAL OPERATING APPROPRIATIONS</b>	<b>\$ 13,959,162</b>	<b>\$ 30,478,306</b>	<b>\$ 14,543,727</b>	<b>\$ 37,856,173</b>
Unrestricted - Operating Reserve	1,229,642	2,266,822	1,373,422	1,410,184
Unrestricted - Repair and Replacement Reserve	500,000	500,000	500,000	500,000
Restricted for Debt Service	2,976,444	2,921,379	2,921,379	3,402,953
Restricted Balance - Connection Fee Construction	11,975,844	10,600,273	17,279,194	20,279,194
Restricted Balance - Construction & Improvements	12,026,468	11,514,549	34,823,576	12,001,698
Restricted Balance - Debt Proceeds	-	-	1,994,774	-
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 42,667,560</b>	<b>\$ 58,281,329</b>	<b>\$ 73,436,071</b>	<b>\$ 75,450,202</b>

\*FY 2020-21 activity is reflected as of 03/31/2021

New Resources for FY 2021-22		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
CCTV Specialist	A new crew is needed to perform additional cleaning and televising to support the CMOM Program.	43,722
Collections Technician	A new crew is needed to perform additional cleaning and televising to support the CMOM Program.	35,802
Collections Technician	A new crew is needed to perform additional cleaning and televising to support the CMOM Program.	35,802
Treatment Technician	With the expansion of the Salitrillo WWTP and the Martinez IV WWTP a new operator is needed to support the water treatment. This position is funded for half of the fiscal year.	17,901
Personnel Adjustments	Adjustments to personnel cost based on a cost-of-living adjustment, authorized promotion opportunities for existing staff, and market adjustments as needed.	48,087
BFP Control Panel Modifications	The belt filter press control panel at the Martinez II sludge dewatering facility needs to be modified to support increased sludge from the Martinez IV WWTP.	68,000
Vehicle Replacement	The Utilities Department will replace 3 aging vehicles in FY 2021-22. All 3 vehicles have over 100,000 miles and are experience ongoing maintenance issues.	133,000
Effluent Flow Meter	The Martinez II WWTP requires an improved effluent flow meter. This effluent flow meter will be used to accurately monitor the flow leaving the plant and ensures the plant is in compliance.	7,500
Utility Database Upgrade	The utility database is used to track customer data from the water purveyors that facilitate our billings and the connections from new development projects. The current database was custom built using Microsoft Access and experiences issues in maintaining the system and integrating data received from the water purveyors. Staff is exploring potential solutions to replace the current database.	12,500
Customer Service Portal	This outward portal will allow the Utilities Department to create a customer interface for all development projects. This provides more streamlined project monitoring and tracking and increases transparency with the development community.	5,000
Upper Martinez Floating Aerator	The existing floating aerator at Upper Martinez is 25 years old and has reached the end of its useful life.	35,000
Computer Replacement	Estimated: 4 desktops, 2 laptops, 11 monitors, peripherals and deployment costs.	12,156
Facilities Improvements	Various improvements are needed throughout the Martinez II WWTP Facilities. Improvements include upgrades to the automotive shop, collections shop, roads, and construction of a new storage unit.	250,000
<b>Total – SARA Wastewater Operations</b>		<b>\$704,470</b>

## Salitrillo Wastewater System Fund (71)

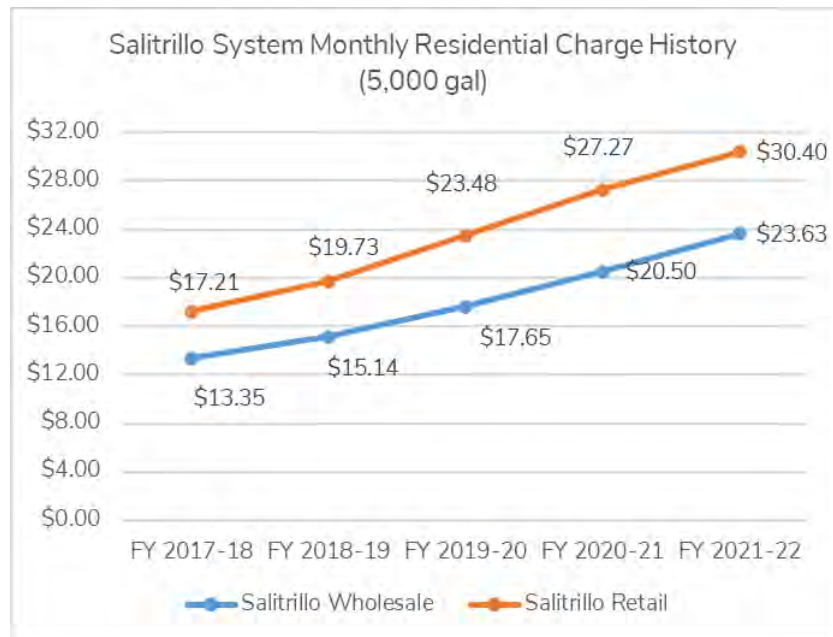
The Salitrillo Wastewater System Fund accounts for accounts for both operating and construction and improvement costs associated with the Salitrillo Wastewater Treatment System which discharges into the Salitrillo Creek. This includes wholesale, retail, and reuse water services. Expenditures for the 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.

### Charges for Services

River Authority staff has been collaboratively working to ensure the continued success and service of the wastewater utility enterprise. For FY 2021-22, the rates for the Salitrillo Wholesale wastewater system result in a monthly charge to the wholesale customer of \$23.63 and \$30.40 to the retail customer for 5,000 gallons of usage. For FY 2021-22, the rate consists of two components. The wholesale variable rate, which covers operations and



maintenance expenditures, is increasing from \$2.00 per 1,000 gallons to \$2.02 per 1,000. This is a result of an increase in operating expenditures. The wholesale fixed rate, which covers debt service, capital, and renewal and replacement expenditures, is increasing from \$10.50 to \$13.53. Major capital investments, driven either by aging infrastructure or plant expansions, have been identified in the Capital Improvement Plan for the Salitrillo Wastewater System.

### Salitrillo Wholesale Wastewater Rate Forecast

Winter Average (constant variable)	5,000				
FY22 ADOPTED RATE					
	FY21	FY22	FY23	FY24	
fixed rate	10.50	13.53	17.28	18.55	
variable rate	2.00	2.02	2.05	2.10	
fixed	10.50	13.53	17.28	18.55	
variable charge	10.00	10.10	10.25	10.50	
<b>Monthly Charge for 5,000 gal/month</b>	<b>\$20.50</b>	<b>\$23.63</b>	<b>\$27.53</b>	<b>\$29.05</b>	
Annual % Change	16.16%	15.26%	16.49%	5.55%	
Monthly \$ Change	\$ 2.85	\$ 3.13	\$ 3.90	\$ 1.53	

All Other Users Rate	FY21	FY22	FY23	FY24
(per 1,000 gallons)	\$4.00	\$4.65	\$5.35	\$5.62

### Salitrillo Retail Wastewater Rate Forecast

Winter Average (constant variable)	5,000				
FY22 ADOPTED RATE					
	FY21	FY22	FY23	FY24	
fixed rate	14.12	17.13	21.65	23.25	
variable rate	2.63	2.65	2.68	2.73	
fixed	14.12	17.13	21.65	23.25	
variable charge	13.15	13.27	13.42	13.67	
<b>Monthly Charge for 5,000 gal/month</b>	<b>\$27.27</b>	<b>\$30.40</b>	<b>\$35.08</b>	<b>\$36.93</b>	
Annual % Change	16.14%	11.47%	15.39%	5.27%	
Monthly \$ Change	\$ 3.79	\$ 3.13	\$ 4.68	\$ 1.85	

All Other Users Rate	FY21	FY22	FY23	FY24
(per 1,000 gallons)	\$5.39	\$6.26	\$7.20	\$7.57



### **Major Assumptions in Rate Development**

- Salitrillo Wholesale Rates effective October 1, 2021. This results in a combined savings to the wholesale cities of approximately \$250,000.
- The Salitrillo Plant Expansion is currently under design. This is \$29 million bundled amount for all expansion associated projects within Capital Improvements Plan (CIP).
- The first debt service payment for the Salitrillo Plant Expansion occurred FY 2020-21. Payments are laddered and full debt service comes in FY 2022-23. The average annual debt service payment is \$1.45 million.
- Assume 3% inflation in operating costs (Personnel, Supplies, & Other Services & Charges) in future years.
- Support Fee to General Fund is increasing by \$84,997 (13.8%).
- Budgeting \$303,750 in connection fee revenue.
- Future improvement projects for the Salitrillo WWTP that were identified in the phasing plan are included. The River Authority is working towards single digit rate increases beginning in FY 2023-24. Projects that cannot be completed as part of the plant expansion project are scheduled to occur in FY 2022-23 and beyond.
- Nutrient removal is anticipated to occur in FY 2024-25 in conjunction with the permit renewal. \$4 million is in rate model however engineering estimates put the cost around \$9 - \$10 million.

### **Connection Fees**

As part of the rate management strategy the River Authority is increasing the connection fees in the Salitrillo Wholesale service area in FY 2021-22. This additional revenue will fund infrastructure improvements.



Wastewater Treatment Plant Service Area	FY21 Connection Fee per EDU	FY22 Connection Fee per EDU
Salitrillo Wholesale System	\$2,700	\$3,250
Salitrillo Retail System	\$3,250	\$3,250



Available Funds	FY 2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Estimate	FY 2021-22 Budget
<b>Beginning Balance</b>				
Unrestricted Balance	\$ 1,504,501	\$ 2,115,672	\$ 776,770	\$ 822,281
Restricted - Debt Service	-	761,699	761,699	1,018,818
Restricted Balance - Debt Proceeds	-	-	24,078,941	23,289,958
Restricted Balance - Impact Fee Construction	3,997,272	-	3,997,272	-
Restricted Balance - Connection Fee Construction	961,836	1,368,186	1,401,936	2,469,786
Restricted Balance - Construction & Improvements	2,278,050	8,262,931	4,301,913	9,716,139
Total Beginning Balance	\$ 8,741,659	\$ 12,508,488	\$ 35,318,531	\$ 37,316,983
<b>Revenue</b>				
Charges for Services - Sewer Fees	\$ 5,189,498	\$ 6,122,948	\$ 6,004,996	\$ 6,956,020
Connection Fees	440,100	303,750	1,067,850	303,750
Debt Proceeds	24,507,383	25,000,000	-	-
Impact Fees	-	-	-	-
Intergovernmental Revenue	405,171	282,693	282,690	280,846
Investment Earnings	327,816	85,000	67,826	50,000
Transfers	2,603,822	2,000,000	2,000,000	-
Total Revenue	\$ 33,473,790	\$ 33,794,391	\$ 9,423,362	\$ 7,590,616
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 42,215,448</b>	<b>\$ 46,302,879</b>	<b>\$ 44,741,893</b>	<b>\$ 44,907,598</b>
<b>APPROPRIATIONS</b>				
<b>Operating Expenses</b>				
Personnel Expenditures	\$ 1,137,001	\$ 1,331,177	\$ 1,239,723	\$ 1,445,419
Operating Expenditures	1,206,080	1,171,391	1,162,202	1,125,768
Capital Outlay	307,583	134,173	134,172	262,000
Transfers - Support Fees	614,354	614,354	614,354	699,351
Transfers - Construction and Improvements	2,500,000	2,000,000	2,000,000	-
Debt Service - Universal City	161,682	173,781	173,781	171,937
Debt Service - Alamo Colleges	52,440	-	-	-
Debt Service - Salitrillo Expansion	-	1,074,776	1,072,526	1,331,700
Reimbursements	(80)	-	-	-
Subtotal Operating	\$ 5,979,061	\$ 6,499,652	\$ 6,396,758	\$ 5,036,174
<b>Construction and Improvement Project Expenses*</b>				
<b>Active Ongoing</b>				
Capacity Management Operations & Maintenance	\$ 48,599	\$ 640,000	\$ 136,957	\$ 954,445
Roadway Collection System Projects	9,663	1,000,000	27,232	963,104
Salitrillo & Martinez Sewershed Models	219,091	153,788	16,370	38,701
Salitrillo WWTP Expansion	428,442	28,796,509	788,983	27,868,298
Utility Optimization Plan	12,379	22,500	-	10,121
<b>Closed Projects</b>				
Salitrillo Collection System - Inflow and Infiltration				
Retail Collection System	50,000	48,861	36,763	-
Wholesale Collection System	149,682	73,463	21,848	-
Subtotal Projects	\$ 917,856	\$ 30,735,121	\$ 1,028,152	\$ 29,834,669
<b>TOTAL OPERATING APPROPRIATIONS</b>	<b>\$ 6,896,917</b>	<b>\$ 37,234,773</b>	<b>\$ 7,424,910</b>	<b>\$ 34,870,842</b>
Unrestricted - Operating Reserve	585,770	1,552,742	600,481	642,797
Unrestricted - Repair and Replacement Reserve	191,000	221,800	221,800	221,800
Restricted for Debt Service	761,699	1,018,818	1,018,818	1,146,281
Restricted Balance - Debt Proceeds	24,078,941	-	23,289,958	-
Restricted Balance - Connection Fee Construction	1,401,936	1,671,936	2,469,786	2,773,536
Restricted Balance - Construction & Improvements	4,301,913	4,602,810	9,716,139	5,252,342
Restricted Balance - Impact Fee Construction	3,997,272	-	-	-
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 42,215,448</b>	<b>\$ 46,302,879</b>	<b>\$ 44,741,893</b>	<b>\$ 44,907,598</b>

\*FY 2020-21 activity is reflected as of 03/31/2021

New Resources for FY 2021-22		
Description	Business Justification/Benefit to SARA and/or Stakeholders	Amount
CCTV Specialist	A new crew is needed to perform additional cleaning and televising to support the CMOM Program.	18,738
Collections Technician	A new crew is needed to perform additional cleaning and televising to support the CMOM Program.	15,344
Collections Technician	A new crew is needed to perform additional cleaning and televising to support the CMOM Program.	15,344
Treatment Technician	With the expansion of the Salitrillo WWTP and the Martinez IV WWTP a new operator is needed to support the water treatment. This position is funded for half of the fiscal year.	7,672
Personnel Adjustments	Adjustments to personnel cost based on a cost-of-living adjustment, authorized promotion opportunities for existing staff, and market adjustments as needed.	13,609
Vehicle Replacement	The Utilities Department will replace 2 aging vehicles in FY 2021-22. All 2 vehicles have over 100,000 miles and are experience ongoing maintenance issues.	80,000
Effluent Flow Meter	The Salitrillo WWTP requires an improved effluent flow meter. This effluent flow meter will be used to accurately monitor the flow leaving the plant and ensures the plant is in compliance.	7,500
Utility Database Upgrade	The utility database is used to track customer data from the water purveyors that facilitate our billings and the connections from new development projects. The current database was custom built using Microsoft Access and experiences issues in maintaining the system and integrating data received from the water purveyors. Staff is exploring potential solutions to replace the current database.	12,500
Customer Service Portal	This outward portal will allow the Utilities Department to create a customer interface for all development projects. This provides more streamlined project monitoring and tracking and increases transparency with the development community.	5,000
Tablets	Staff needs 10 tablets to enter and track maintenance data in Lucity, which is the asset management system.	8,000
Grease Trailer	A new grease trailer is needed for hauling grease and oil barrels between the WWTP's for maintenance purposes.	6,000
6" Bypass Pump	During non-routine and emergency response situations staff needs to bypass pump wastewater to isolate equipment or assets. The current bypass pumps are aging and reaching the end of their useful life.	36,000
BFP Feed Pump Replacement	The belt filter press feed pump needs to be replaced based on its useful life.	132,500
<b>Total – Salitrillo Wastewater Operations</b>		<b>\$358,207</b>

## Randolph Air Force Base System Fund (73)

Fiscal Year Ending June 30, 2021

The Randolph Air Force Base (RAFB) 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.

Available Funds	FY 2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Estimate	FY 2021-22 Budget
<b>Beginning Balance</b>				
Unrestricted Balance	\$ 331,003	\$ 437,143	\$ 478,080	\$ 700,528
Restricted Balance - Construction & Improvements	1,494,088	1,947,367	2,200,709	2,963,910
Total Beginning Balance	\$ 1,825,091	\$ 2,384,510	\$ 2,678,789	\$ 3,664,437
<b>Revenue</b>				
Intergovernmental Revenue	\$ 1,424,694	\$ 1,524,223	\$ 1,331,644	\$ 1,356,288
Investment Income	26,481	10,000	5,461	5,000
Total Revenue	\$ 1,451,175	\$ 1,534,223	\$ 1,337,105	\$ 1,361,288
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 3,276,266</b>	<b>\$ 3,918,733</b>	<b>\$ 4,015,894</b>	<b>\$ 5,025,725</b>
<b>APPROPRIATIONS</b>				
<b>Operating Expenses</b>				
Operating Expenditures	\$ 253,592	\$ 350,638	\$ 108,170	\$ 276,100
Capital Outlay	-	87,500	130,787	-
Subtotal Operating	\$ 253,592	\$ 438,138	\$ 238,957	\$ 276,100
<b>Construction and Improvement Project Expenses*</b>				
Randolph Air Force Base Year 16 (2019)	\$ 343,886	\$ 220,422	\$ 112,500	\$ -
Randolph Air Force Base Year 17 (2020)	-	1,008,829	-	1,008,829
Randolph Air Force Base Year 18 (2021)	-	842,899	-	842,899
Randolph Air Force Base Year 19 (2022)	-	-	-	639,677
Subtotal Projects	\$ 343,886	\$ 2,072,150	\$ 112,500	\$ 2,491,405
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 597,478</b>	<b>\$ 2,510,288</b>	<b>\$ 351,457</b>	<b>\$ 2,767,505</b>
Unrestricted Balance	478,080	368,139	700,528	797,714
Restricted Balance - Construction & Improvements	2,200,709	1,040,306	2,963,910	1,460,507
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 1,075,558</b>	<b>\$ 2,878,427</b>	<b>\$ 1,051,985</b>	<b>\$ 3,565,219</b>

## 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. In FY 2020-21, the River Authority issued debt to fund the Martinez IV WWTP Expansion, Abbott Road Lift Station Expansion, and the Project 29 Wastewater Interceptor Project. 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 2021-22 Budget for the Debt Service fund includes the full principal and interest payments on the outstanding wastewater utility debt. The River Authority's total debt service for FY 2021-22 increases in comparison to FY 2020-21. This is due to the new Utility System Revenue Bond issued in 2021 to fund the Martinez IV WWTP Expansion Project and the Martinez IV Collection System CIP – Project 29.

For more information, including principal and interest payment details, the detailed Debt Service Schedules are available on the River Authority website at <https://www.sariverauthority.org/transparency/debt-obligations>.

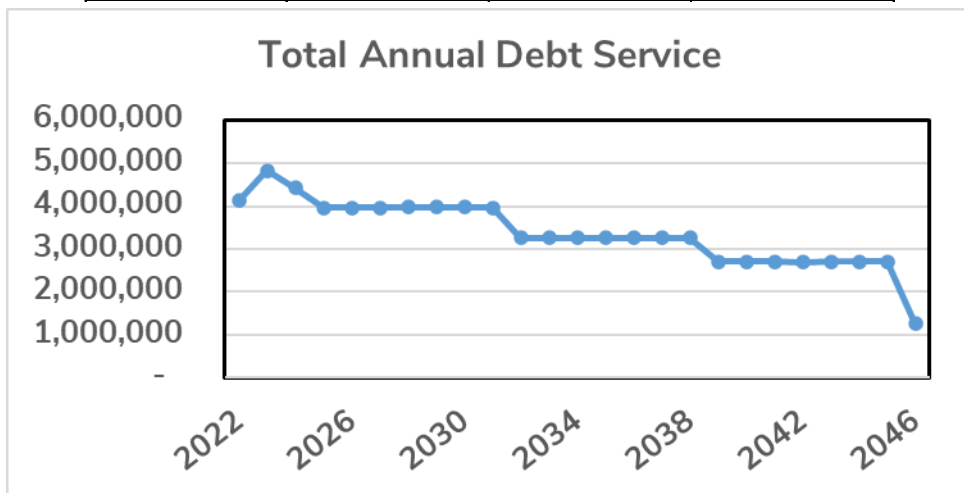
San Antonio River Authority Credit Rating	
Standard & Poor's	AA-

## San Antonio River Authority Currently Outstanding Debt

Description	Original Issue Amount	Outstanding Principal	Interest Rate	Issue and Maturity Date	Purpose
<b><u>Wastewater System Revenue Bonds</u></b>					
Utility System Revenue Refunding Bonds - Series 2013	\$ 3,120,000	\$ 775,000	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	\$ 5,885,000	4.00%	July 2018 to June 2031	Martinez II Expansion (2010). Refunding, Series 2010.
Utility System Revenue Bonds - - Series 2020	\$ 21,855,000	\$ 21,635,000	4.00%	April 2020 to June 2045	Expansion of Salitrillo Wastewater System Plant
Utility System Revenue Bonds - - Series 2020	\$ 20,765,000	\$ 20,765,000	3.00%	April 2021 to June 2046	Expansion of Martinez IV Wastewater Treatment Plant, Abbott Road Lift Station, and Project 29.
<b><u>Contract Revenue Bonds</u></b>					
Wastewater System Contract Revenue Refunding Bonds - Series 2019 - Universal City Reuse Project	\$ 1,650,000	\$ 1,515,000	4.56%	October 2019 to June 2031	Construction of capital improvements to transport reuse waste for Universal City. Refunding, Series 2010.
<b><u>Other Debt</u></b>					
Wastewater System Revenue Improvement Bonds - Series 2017 - Texas Water Development Board	\$ 9,500,000	\$ 8,210,000	0.21%	July 2018 to June 2038	TWDB for construction of Martinez IV WWTP
<b>Total</b>	<b>\$ 63,745,000</b>	<b>\$ 58,785,000</b>			

## SAN ANTONIO RIVER AUTHORITY TOTAL ANNUAL DEBT SERVICE REQUIREMENTS

Fiscal Year Ending June 30	SARA WW Utility Bonds	Salitrillo WW Utility Bonds	Annual Total
2022	2,806,433	1,328,700	4,135,133
2023	3,380,280	1,446,700	4,826,980
2024	2,979,687	1,450,200	4,429,887
2025	2,516,687	1,452,200	3,968,887
2026	2,515,189	1,451,700	3,966,889
2027	2,512,544	1,452,700	3,965,244
2028	2,522,492	1,454,200	3,976,692
2029	2,519,643	1,454,950	3,974,593
2030	2,519,346	1,453,950	3,973,296
2031	2,516,488	1,451,200	3,967,688
2032	1,808,034	1,451,700	3,259,734
2033	1,808,455	1,455,200	3,263,655
2034	1,812,205	1,450,200	3,262,405
2035	1,809,072	1,454,000	3,263,072
2036	1,808,098	1,451,200	3,259,298
2037	1,805,975	1,452,000	3,257,975
2038	1,807,695	1,451,200	3,258,895
2039	1,248,100	1,453,800	2,701,900
2040	1,248,550	1,454,600	2,703,150
2041	1,248,100	1,453,600	2,701,700
2042	1,246,750	1,450,800	2,697,550
2043	1,249,500	1,451,200	2,700,700
2044	1,251,200	1,454,600	2,705,800
2045	1,251,850	1,450,800	2,702,650
2046	1,251,450	-	1,251,450
<b>Total</b>	<b>\$ 49,443,823</b>	<b>\$ 34,731,400</b>	<b>\$ 84,175,223</b>





# UTILITY TEN YEAR CAPITAL IMPROVEMENT PLAN



Salitrillo WWTP, Bexar County

# SARA WASTEWATER SYSTEM

## TEN YEAR CAPITAL IMPROVEMENT PLAN - FY 2021-22

	Fiscal Year 2022	Fiscal Year 2023	Fiscal Year 2024	Fiscal Year 2025	Fiscal Year 2026
<b>Upper Martinez and Martinez II Wastewater Treatment Plant Projects</b>					
Martinez II Plant Expansion	\$ -	\$ -	\$ 1,500,000	\$ 14,000,000	\$ 12,000,000
Upper Martinez Decomission	-	-	-	2,000,000	2,000,000
SARA WW Maintenance and Improvements Projects	-	-	-	-	-
Electrical Improvements (Motor Control Center) Martinez II	650,000	650,000	-	-	-
Martinez II Clarifier 27 Mechanical Replacement, Basin Rehab, and Junction Box Rehab	-	-	-	1,000,000	-
Martinez II Clarifier 17 Mechanical Replacement, Basin Rehab, and Junction Box Rehab	1,000,000	-	-	-	-
Plant Water System, Belt Press, and Solid Handlings Review	350,000	350,000	-	-	-
Nutrient Removal	-	-	-	-	2,065,000
<b>Subtotal Martinez II</b>	<b>\$ 2,000,000</b>	<b>\$ 1,000,000</b>	<b>\$ 1,500,000</b>	<b>\$ 17,000,000</b>	<b>\$ 16,065,000</b>
<b>Martinez IV Wastewater Treatment Plant Projects</b>					
MIV Expansion	17,954,774	-	-	-	-
Abbott Road Lift Station	2,040,000	-	-	-	-
Martinez IV Expansion to 3 MGD	-	-	-	-	7,200,000
Abbott Road Lift Station Expansion - Additional 4MGD	-	-	-	-	800,000
<b>Subtotal Martinez IV</b>	<b>\$ 19,994,774</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 8,000,000</b>
<b>Martinez Collection System Projects</b>					
Martinez II/Upper Martinez Interconnect line	350,000	1,000,000	2,300,000	1,265,000	1,200,000
SARA WW Maintenance and Improvements Projects	-	-	-	-	-
Foster Road Lift Station Rehab	975,000	-	-	-	-
CMOM Project	-	-	-	-	-
Collection System Condition Assessment	500,000	500,000	-	-	-
SARA Collection System Improvements	100,000	445,000	445,000	445,000	445,000
Martinez IV Collection System CIP	500,000	500,000	500,000	500,000	500,000
Project 29 - Central WW Line 27"/33"	1,500,000	360,000	10,600,000	-	-
<b>Subtotal-SARA Collection System Projects</b>	<b>\$ 3,925,000</b>	<b>\$ 2,805,000</b>	<b>\$ 13,845,000</b>	<b>\$ 2,210,000</b>	<b>\$ 2,145,000</b>
<b>Total-SARA Wastewater Projects</b>	<b>\$ 25,919,774</b>	<b>\$ 3,805,000</b>	<b>\$ 15,345,000</b>	<b>\$ 19,210,000</b>	<b>\$ 26,210,000</b>

### PRIORITY

High
Medium
Low



# SARA WASTEWATER SYSTEM

## TEN YEAR CAPITAL IMPROVEMENT PLAN - FY 2021-22

	Fiscal Year 2027	Fiscal Year 2028	Fiscal Year 2029	Fiscal Year 2030	Fiscal Year 2031
<b>Upper Martinez and Martinez II Wastewater Treatment Plant Projects</b>					
Martinez II Plant Expansion	\$ -	\$ -	\$ -	\$ -	\$ -
Upper Martinez Decomission	-	-	-	-	-
SARA WW Maintenance and Improvements Projects	-	-	-	-	-
Electrical Improvements (Motor Control Center) Martinez II	-	-	-	-	-
Martinez II Clarifier 27 Mechanical Replacement, Basin Rehab, and Junction Box Rehab	-	-	-	-	-
Martinez II Clarifier 17 Mechanical Replacement, Basin Rehab, and Junction Box Rehab	-	-	-	-	-
Plant Water System, Belt Press, and Solid Handlings Review	-	-	-	-	-
Nutrient Removal	-	-	-	-	-
<b>Subtotal Martinez II</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Martinez IV Wastewater Treatment Plant Projects</b>					
MIV Expansion	-	-	-	-	-
Abbott Road Lift Station	-	-	-	-	-
Martinez IV Expansion to 3 MGD	44,640,000	-	-	-	-
Abbott Road Lift Station Expansion - Additional 4MGD	5,330,000	-	-	-	-
<b>Subtotal Martinez IV</b>	<b>\$ 49,970,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Martinez Collection System Projects</b>					
Martinez II/Upper Martinez Interconnect line	-	-	-	-	-
SARA WW Maintenance and Improvements Projects	-	-	-	-	-
Foster Road Lift Station Rehab	-	-	-	-	-
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
Project 29 - Central WW Line 27"/33"	-	-	-	-	-
<b>Subtotal-SARA Collection System Projects</b>	<b>\$ 945,000</b>	<b>\$ 945,000</b>	<b>\$ 945,000</b>	<b>\$ 945,000</b>	<b>\$ 945,000</b>
<b>Total-SARA Wastewater Projects</b>	<b>\$ 50,915,000</b>	<b>\$ 945,000</b>	<b>\$ 945,000</b>	<b>\$ 945,000</b>	<b>\$ 945,000</b>

### PRIORITY

High
Medium
Low

# SALITRILLO WASTEWATER SYSTEM

## TEN YEAR CAPITAL IMPROVEMENT PLAN - FY 2021-22

	Fiscal Year 2022	Fiscal Year 2023	Fiscal Year 2024	Fiscal Year 2025	Fiscal Year 2026
<b>Salitrillo Wastewater Treatment Plant Projects</b>					
Salitrillo Plant Expansion	\$ 7,526,017	\$ 20,850,000	\$ -	\$ -	\$ -
Salitrillo Maintenance and Improvements Projects (Phase 2)	-	-	1,500,000	2,000,000	1,500,000
Third Storage Bay	-	1,000,000	-	-	-
Berm irrigation and shrubbery, lower plant generator replacement, admin building renovation and lab improvements	-	-	1,725,000	-	-
Nutrient Removal	-	-	-	4,000,000	-
Sludge Press Improvemnts	-	-	-	150,000	-
Raw and Return Screw Pump	-	-	-	-	500,000
Tertiary Filters	-	-	-	-	-
Barscreen, Lower Plant	-	-	-	-	-
<b>Subtotal-Salitrillo Wastewater Treatment Plant Projects</b>	<b>\$ 7,526,017</b>	<b>\$ 21,850,000</b>	<b>\$ 3,225,000</b>	<b>\$ 6,150,000</b>	<b>\$ 2,000,000</b>
<b>Salitrillo Collection System Projects</b>					
CMOM Project	-	-	-	-	-
Salitrillo and Martinez Sewershed Models	-	-	-	-	-
Salitrillo Collection System Improvements	100,000	460,000	460,000	460,000	460,000
Collection System Condition Assessment	500,000	300,000	100,000	100,000	100,000
TxDOT Projects - Future	100,000	100,000	100,000	100,000	100,000
<b>Subtotal-Salitrillo Collection System Projects</b>	<b>\$ 700,000</b>	<b>\$ 860,000</b>	<b>\$ 660,000</b>	<b>\$ 660,000</b>	<b>\$ 660,000</b>
<b>Total-Salitrillo System</b>	<b>\$ 8,226,017</b>	<b>\$ 22,710,000</b>	<b>\$ 3,885,000</b>	<b>\$ 6,810,000</b>	<b>\$ 2,660,000</b>

### PRIORITY

High

Medium

Low

# SALITRILLO WASTEWATER SYSTEM

## TEN YEAR CAPITAL IMPROVEMENT PLAN - FY 2021-22

	Fiscal Year 2027	Fiscal Year 2028	Fiscal Year 2029	Fiscal Year 2030	Fiscal Year 2031
<b>Salitrillo Wastewater Treatment Plant Projects</b>					
Salitrillo Plant Expansion	\$ -	\$ -	\$ -	\$ -	\$ -
Salitrillo Maintenance and Improvements Projects (Phase 2)	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
Third Storage Bay	-	-	-	-	-
Berm irrigation and shrubbery, lower plant generator replacement, admin building renovation and lab improvements	-	-	-	-	-
Nutrient Removal	-	-	-	-	-
Sludge Press Improvemnts	-	-	-	-	-
Raw and Return Screw Pump	-	-	-	-	-
Tertiary Filters	1,500,000	-	-	-	-
Barscreen, Lower Plant	-	75,000	-	-	-
<b>Subtotal-Salitrillo Wastewater Treatment Plant Projects</b>	<b>\$ 3,000,000</b>	<b>\$ 1,575,000</b>	<b>\$ 1,500,000</b>	<b>\$ 1,500,000</b>	<b>1,500,000</b>
<b>Salitrillo Collection System Projects</b>					
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	-	-	-	-	-
TxDOT Projects - Future	100,000	100,000	100,000	100,000	100,000
<b>Subtotal-Salitrillo Collection System Projects</b>	<b>\$ 560,000</b>	<b>\$ 560,000</b>	<b>\$ 560,000</b>	<b>\$ 560,000</b>	<b>560,000</b>
<b>Total-Salitrillo System</b>	<b>\$ 3,560,000</b>	<b>\$ 2,135,000</b>	<b>\$ 2,060,000</b>	<b>\$ 2,060,000</b>	<b>\$ 2,060,000</b>

### PRIORITY

High

Medium

Low

# **Special Revenue and Other Funds**



**Photo by Carole Gaskamp  
2020 River Clicks Photo Contest  
Judge's Choice - Karnes County Category Winner**



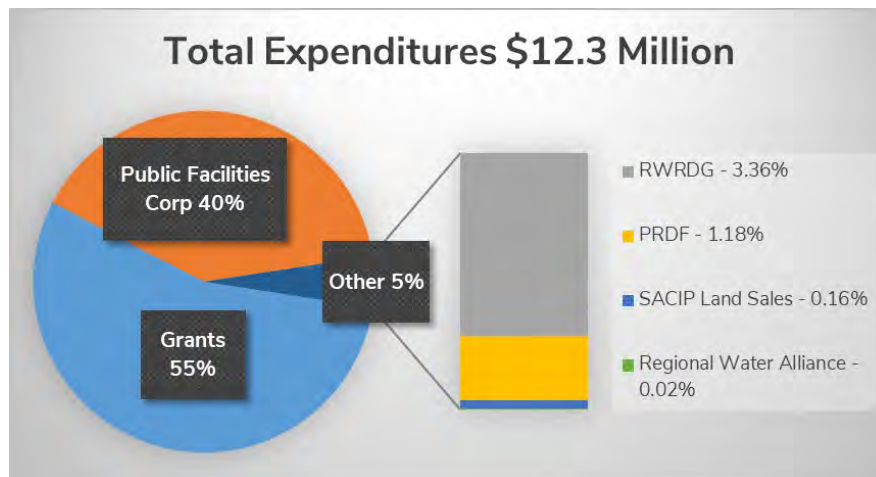
# Special Revenue and Other Funds

## Special Revenue Funds

The River Authority has six active special revenue funds in FY 2021-22 that support various activities including 14 projects. By utilizing these funds, the River Authority can strategically invest in projects through dedicated revenue streams.

Included in the FY2021-22 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.
- \$4,866,552 from FEMA for the Cooperating Technical Partners (CTP) Risk Map Projects and Letter of Map Revision (LOMR) Efforts.



## Other Funds

The FY 2021-22 Adopted 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 2021-22 remains relatively flat in comparison to FY 2020-21. For more information, including principal and interest payment details, the detailed Debt Service Schedules are available on the River Authority website at <https://www.sariverauthority.org/transparency/debt-obligations>.

The FY 2021-22 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 2021-22 Adopted Budget slightly decreases in comparison to the FY 2020-21 estimates due to actual activity analysis. In FY 2020-21, the River Authority increased the employer contribution amounts for health insurance to maintain a healthy fund balance. While there is no increase to the employer contribution in FY 2021-22 with the addition of new FTE's the River Authority anticipates an increase in revenues.

# Edwards Water Acquisition/Regional Water Resources Development Group Fund (31) Fiscal Year Ending June 30, 2022

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 to together to manage the water rights program.

Available Funds	FY 2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Estimate	FY 2021-22 Budget
<b>Beginning Balance</b>				
Restricted - Water Management	\$ 108,901	\$ 124,408	\$ 124,689	\$ 167,857
<i>Total Beginning Balance</i>	\$ 108,901	\$ 124,408	\$ 124,689	\$ 167,857
<b>Revenue</b>				
Intergovernmental Revenue	\$ 196,784	\$ 275,500	\$ 219,836	\$ 255,490
Charges For Services	14,095	1,100	1,200	1,100
Miscellaneous	10,965	-	27,189	-
<i>Total Revenue</i>	\$ 221,844	\$ 276,600	\$ 248,225	\$ 256,590
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 330,745</b>	<b>\$ 401,008</b>	<b>\$ 372,915</b>	<b>\$ 424,447</b>
<b>APPROPRIATIONS</b>				
<u>Operating Expenditures</u>				
Administrative Expenses	\$ 2,759	\$ 6,000	\$ 425	\$ 6,000
Lease and Purchase Agreements	203,297	395,008	204,633	418,447
<b>TOTAL OPERATING APPROPRIATIONS</b>	<b>\$ 206,056</b>	<b>\$ 401,008</b>	<b>\$ 205,058</b>	<b>\$ 424,447</b>
Restricted - Water Management	124,689	-	167,857	-
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 330,745</b>	<b>\$ 401,008</b>	<b>\$ 372,915</b>	<b>\$ 424,447</b>

## Grants Fund (36)

### Fiscal Year Ending June 30, 2022

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 Texas Commission on Environmental Quality (TCEQ), and other agencies.

Available Funds	FY2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Activity As of 03/31/2021	Remaining Available Funds
<b>Beginning Balance</b>				
Restricted Balance	\$ 152,708	\$ 152,708	\$ 152,708	\$ -
Total Beginning Balance	\$ 152,708	\$ 152,708	\$ 152,708	\$ -
<b>Revenue</b>				
Intergovernmental Revenue	\$ 523,690	\$ 3,834,400	\$ 3,298,620	\$ 1,910,364
Federal Grant Revenue	893,125	4,031,443	350,720	\$ 4,866,552
Miscellaneous	-	-	-	-
Total Revenue	1,416,816	7,865,843	3,649,339	6,776,916
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 1,569,524</b>	<b>\$ 8,018,551</b>	<b>\$ 3,802,047</b>	<b>\$ 6,776,916</b>
<b>APPROPRIATIONS</b>				
<b>Projects - Active Ongoing</b>				
CTP Risk Map Cibolo Creek	\$ 173,094	\$ 258,781	\$ 55,537	\$ 136,243
CTP Risk Map Cibolo Creek - Phase 2	113,614	259,677	3,564	186,468
CTP Risk Map Lower San Antonio River	309,174	293,773	23,626	125,850
CTP Risk Map Upper San Antonio River - FY19	93,933	996,563	102,779	808,688
CTP Risk Map Upper Medina River Watershed - Phase 2	12,749	74,025	4,364	68,769
CTP Risk Map Lower Cibolo/Lower Medina FY20	-	1,430,000	7,295	1,422,705
Escondido Creek Parkway	-	500,000	500,000	-
Green Stormwater Infrastructure Master Plan: Upper SAR	69,382	137,152	91,976	7,176
Mid/Lower Cibolo Creek Watershed Protection Plan	13,864	71,933	38,169	26,195
South Flores BMP - TCEQ	-	345,934	-	-
Transportation Alternatives - WSC Alazan	2,538	2,500,000	2,497,462	-
<b>Efforts - Active Ongoing</b>				
AACOG	56,985	-	-	-
FEMA Letter of Map Revision - 2018	155,842	208,624	153,555	1,427
FEMA Letter of Map Revision - 2019	-	360,000	-	360,000
FEMA Letter of Map Revision - 2020	-	150,000	-	150,000
<b>Projects - Authorized Pending Award</b>				
CTP Risk Map FY21 MAS 21	-	-	-	1,456,402
<b>Efforts - Authorized Pending Award</b>				
FEMA Letter of Map Revision - 2021	-	-	-	150,000
Clean Rivers Program FY22-23	-	-	-	395,540
SCTRWPG Region L TWDB 6th Cycle	-	-	-	186,453
SARFPG Region 12 TWDB Cycle 1	-	-	-	1,295,000
<b>Projects - Closed</b>				
Binz Engleman, Martinez Creek and Escondido Creek Dam				
Rehabilitations - NRCS	54,319	152,708	152,708	-
Clean Rivers Program 2017	326,603	279,381	171,012	-
CTP Risk Map Upper San Antonio River - Phase 2	34,720	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	<b>\$ 1,416,816</b>	<b>\$ 8,018,551</b>	<b>\$ 3,802,047</b>	<b>\$ 6,776,916</b>
Restricted Balance	152,708	-	-	-
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 1,569,524</b>	<b>\$ 8,018,551</b>	<b>\$ 3,802,047</b>	<b>\$ 6,776,916</b>

## Park Resources Development Fund (26)

### Fiscal Year Ending June 30, 2022

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 2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Activity As of 03/31/2021	Remaining Available Funds
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#### Beginning Balance

Committed Balance - Parks	\$ 242,602	\$ 260,511	\$ 236,821	\$ 266,289
Total Beginning Balance	\$ 242,602	\$ 260,511	\$ 236,821	\$ 266,289

#### Revenue

Investment Earnings	\$ 3,381	\$ 1,000	\$ 332	\$ 350
Charges for Services	-	20,000	29,705	20,000
Miscellaneous	14,811	-	-	-
Total Revenue	\$ 18,192	\$ 21,000	\$ 30,037	\$ 20,350

<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 260,794</b>	<b>\$ 281,511</b>	<b>\$ 266,858</b>	<b>\$ 286,639</b>
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#### APPROPRIATIONS

##### Projects

##### **Active Ongoing**

Helton Boat Ramp	\$ -	\$ 85,000	\$ -	\$ 85,000
Kenedy Operations Center	-	64,660	569	64,092

##### **Closed Projects**

Nature Park Signage Development	3,000	3,000	-	-
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##### Operating

Property Acquisition	20,973	20,000	-	-
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<b>TOTAL OPERATING APPROPRIATIONS</b>	<b>\$ 23,973</b>	<b>\$ 172,660</b>	<b>\$ 569</b>	<b>\$ 149,092</b>
Committed Balance - Parks	236,821	108,851	266,289	137,547
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 260,794</b>	<b>\$ 281,511</b>	<b>\$ 266,858</b>	<b>\$ 286,639</b>



## Regional Water Alliance Fund (32)

### Fiscal Year Ending June 30, 2022

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 2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Estimate	FY 2021-22 Budget
<b>Beginning Balance</b>				
Restricted - Water Management	\$ 24,355	\$ 27,572	\$ 27,603	\$ 32,242
<b>Total Beginning Balance</b>	<b>\$ 24,355</b>	<b>\$ 27,572</b>	<b>\$ 27,603</b>	<b>\$ 32,242</b>
<b>Revenue</b>				
Investment Earnings	\$ 324	\$ 50	\$ 39	\$ 50
Intergovernmental Revenue	4,200	4,400	4,600	4,400
Sponsorships - Non Governmental	-	-	-	-
<b>Total Revenue</b>	<b>\$ 4,524</b>	<b>\$ 4,450</b>	<b>\$ 4,639</b>	<b>\$ 4,450</b>
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 28,879</b>	<b>\$ 32,022</b>	<b>\$ 32,242</b>	<b>\$ 36,692</b>
<b>APPROPRIATIONS</b>				
Operating Expenditures	\$ 1,277	\$ 3,000	\$ -	\$ 3,000
<b>TOTAL OPERATING APPROPRIATIONS</b>	<b>\$ 1,277</b>	<b>\$ 3,000</b>	<b>\$ -</b>	<b>\$ 3,000</b>
Restricted - Water Management	27,603	29,022	32,242	33,692
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 28,879</b>	<b>\$ 32,022</b>	<b>\$ 32,242</b>	<b>\$ 36,692</b>

## San Antonio Capital Improvements Project Land Sales Fund (22)

### Fiscal Year Ending June 30, 2022

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 2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Activity As of 03/31/2021	Remaining Available Funds
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#### Beginning Balance

Restricted Balance - Watershed Management	\$ 120,020	\$ 163,721	\$ 174,421	\$ 214,108
Assigned Contract Commitment	-	-	1,775	-
Total Beginning Balance	\$ 120,020	\$ 163,721	\$ 176,196	\$ 214,108

#### Revenue

Investment Earnings	\$ 1,845	\$ 1,500	\$ 259	\$ 300
Charges for Services	56,077	60,995	49,044	50,000
Sale of Fixed Assets	20,060	-	340	-
Total Revenue	\$ 77,982	\$ 62,495	\$ 49,643	\$ 50,300

<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 198,001</b>	<b>\$ 226,216</b>	<b>\$ 225,839</b>	<b>\$ 264,408</b>
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#### APPROPRIATIONS

##### Projects

Westside Creeks San Pedro Creek Project	\$ 20,031	\$ 41,099	\$ 11,731	\$ 20,179
AAMN Demonstration Garden	1,775	-	-	-

<b>TOTAL OPERATING APPROPRIATIONS</b>	<b>\$ 21,806</b>	<b>\$ 41,099</b>	<b>\$ 11,731</b>	<b>\$ 20,179</b>
Restricted Balance - Watershed Management	174,421	185,117	214,108	244,229
Assigned Contract Commitment	1,775	-	-	-
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 198,001</b>	<b>\$ 226,216</b>	<b>\$ 225,839</b>	<b>\$ 264,408</b>

## San Antonio River Authority Public Facilities Corporation Fund (23)

### Fiscal Year Ending June 30, 2022

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 2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Activity As of 03/31/2021	Remaining Available Funds
<b>Beginning Balance</b>				
Committed Balance	\$ (297,929)	\$ 4,170,537	\$ 23,623	\$ 37,193
Restricted - Debt Proceeds	-	-	3,895,225	3,871,612
Total Beginning Balance	\$ (297,929)	\$ 4,170,537	\$ 3,918,848	\$ 3,908,805
<b>Revenue</b>				
Investment Earnings	\$ 13,961	\$ 7,000	\$ 5,089	\$ 5,000
Charges for Services	181,386	-	-	-
Debt Proceeds	10,600,000	-	-	-
Transfers - General Fund	100,350	998,899	998,901	990,984
Total Revenue	\$ 10,895,697	\$ 1,005,899	\$ 1,003,990	\$ 995,984
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 10,597,768</b>	<b>\$ 5,176,436</b>	<b>\$ 4,922,838</b>	<b>\$ 4,904,789</b>
<b>APPROPRIATIONS</b>				
<u>Projects</u>				
<b>Active Ongoing</b>				
Facilities Acquisition and Improvements Project	4,115,753	3,832,261	23,613	3,887,254
Mission Reach Operations Center	-	12,277	-	12,277
<u>Debt Service</u>				
Mission Reach Operations Center	\$ 181,386	\$ 181,138	\$ 172,157	\$ 180,229
Sheridan	2,381,781	918,111	818,262	816,048
<b>TOTAL OPERATING APPROPRIATIONS</b>	<b>\$ 6,678,920</b>	<b>\$ 4,943,787</b>	<b>\$ 1,014,033</b>	<b>\$ 4,895,808</b>
Committed Balance	23,623	232,649	37,193	8,981
Restricted - Debt Proceeds	3,895,225	-	3,871,612	-
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 6,702,543</b>	<b>\$ 5,176,436</b>	<b>\$ 1,051,226</b>	<b>\$ 4,904,789</b>

## San Antonio River Industrial Development Authority Fund (24)

### Fiscal Year Ending June 30, 2022

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 2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Estimate	FY 2021-22 Budget
<b>Beginning Balance</b>				
Committed Balance - Economic Development	\$ 10,574	\$ 4,697	\$ 4,688	\$ -
<i>Total Beginning Balance</i>	\$ 10,574	\$ 4,697	\$ 4,688	\$ -
<b>Revenue</b>				
Investment Earnings	\$ 114	\$ 80	\$ 6	\$ -
Transfers - Unrestricted General Fund	-	1,223	1,307	-
<i>Total Revenue</i>	\$ 114	\$ 1,303	\$ 1,312	\$ -
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 10,688</b>	<b>\$ 6,000</b>	<b>\$ 6,000</b>	<b>\$ -</b>
<b>APPROPRIATIONS</b>				
Operating Expenditures	\$ 6,000	\$ 6,000	\$ 6,000	\$ -
<b>TOTAL OPERATING APPROPRIATIONS</b>	<b>\$ 6,000</b>	<b>\$ 6,000</b>	<b>\$ 6,000</b>	<b>\$ -</b>
Committed Balance - Economic Development	4,688	-	-	-
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 10,688</b>	<b>\$ 6,000</b>	<b>\$ 6,000</b>	<b>\$ -</b>

## South Texas Regional Water Planning Group Fund (30)

### Fiscal Year Ending June 30, 2022

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. Beginning in FY 2021-22 activities for the sixth planning cycle will be captured in the Grants Fund (36).

Available Funds	FY 2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Activity As of 03/31/2021	Remaining Available Funds
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#### Beginning Balance

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

#### Revenue

Investment Earnings	\$ 1,592	\$ 350	\$ 118	\$ -
Intergovernmental Revenue	471,708	230,741	118,920	-
Total Revenue	\$ 473,300	\$ 231,091	\$ 119,037	\$ -

<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 473,300</b>	<b>\$ 231,091</b>	<b>\$ 119,037</b>	<b>\$ -</b>
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#### APPROPRIATIONS

Operating Administrative Expenditures	\$ 13,637	\$ 46,887	\$ 7,805	\$ -
SCTRWPG 2021 Regional Water Planning	459,663	184,204	111,232	-

<b>TOTAL OPERATING APPROPRIATIONS</b>	<b>\$ 473,300</b>	<b>\$ 231,091</b>	<b>\$ 119,037</b>	<b>\$ -</b>
Unassigned Balance	-	-	-	-
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 473,300</b>	<b>\$ 231,091</b>	<b>\$ 119,037</b>	<b>\$ -</b>

## 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.

For more information, including principal and interest payment details, the detailed Debt Service Schedules are available on the River Authority website at <https://www.sariverauthority.org/transparency/debt-obligations>.

San Antonio River Authority Credit Rating	
Standard & Poor's	AA-

San Antonio River Authority  
Debt Service Fund  
Fiscal Year Ending June 30, 2022

Fund: 02

Available Funds	FY 2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Estimate	FY 2021-22 Budget
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**Beginning Balance**

Restricted for Debt Service - Channel Improvements	\$ 2,474,855	\$ 2,560,838	\$ 2,644,821	\$ 1,281,336
Total Beginning Balance	\$ 2,474,855	\$ 2,560,838	\$ 2,644,821	\$ 1,281,336

**Revenue**

Investment Earnings	\$ 8,313	\$ 5,000	\$ 320	\$ 300
Intergovernmental Revenue	3,117,635	2,935,268	1,574,701	1,612,425
Transfers - General Fund	592,974	598,303	598,304	598,335
Total Revenue	\$ 3,718,922	\$ 3,538,571	\$ 2,173,325	\$ 2,211,060

<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 6,193,777</b>	<b>\$ 6,099,409</b>	<b>\$ 4,818,146</b>	<b>\$ 3,492,396</b>
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**APPROPRIATIONS**

Debt Service - Channel Improvement Bonds	\$ 2,937,434	\$ 2,935,968	\$ 2,935,968	\$ 1,612,425
Debt Service - Contract Revenue	-	-	-	-
Debt Service - Texas Water Dev Board	463,937	463,667	463,667	466,873
Debt Service - Urban Reach Operations Center	130,622	133,587	133,587	131,463
Debt Service - Operation Expenses	16,964	-	3,589	-

<b>TOTAL OPERATING APPROPRIATIONS</b>	<b>\$ 3,548,956</b>	<b>\$ 3,533,221</b>	<b>\$ 3,536,810</b>	<b>\$ 2,210,760</b>
Debt Service Reserve - Channel Improvements	2,644,821	2,566,188	1,281,336	1,281,636
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 6,193,777</b>	<b>\$ 6,099,409</b>	<b>\$ 4,818,146</b>	<b>\$ 3,492,396</b>

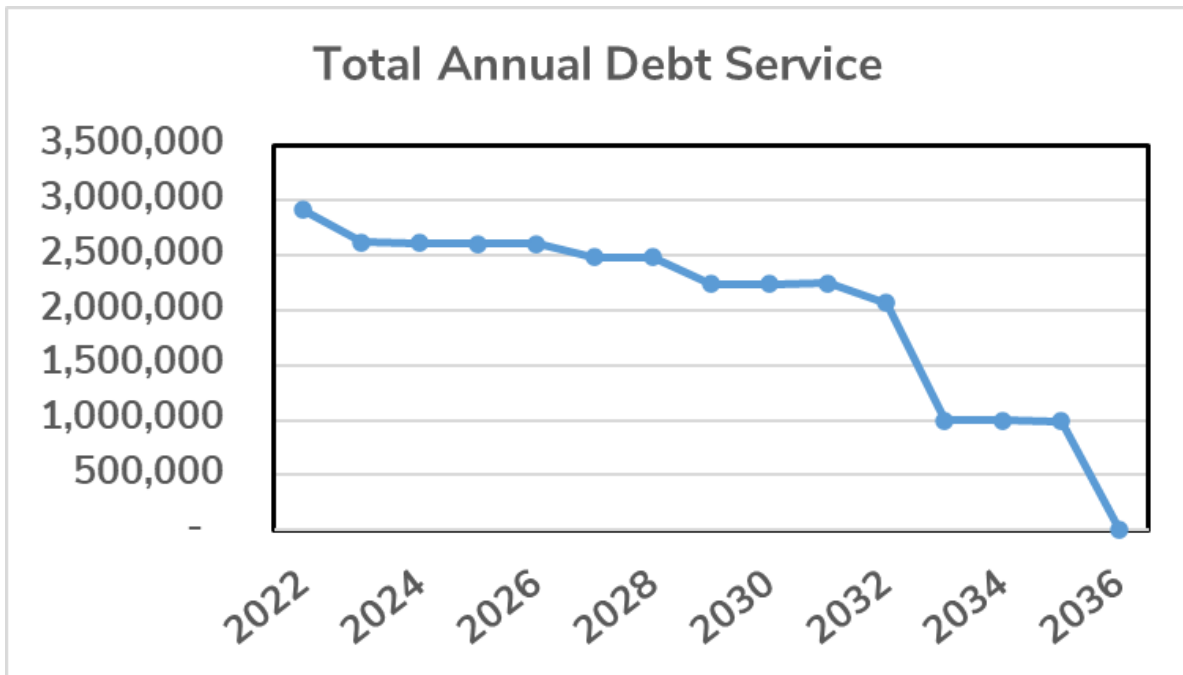
## San Antonio River Authority Currently Outstanding Debt

Description	Original Issue Amount	Outstanding Principal	Interest Rate	Issue and Maturity Date	Purpose
<b><u>Channel Improvement Bonds</u></b>					
Channel Improvement Revenue Refunding Bonds - Series 2015	\$ 8,265,000	\$ 1,885,000	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	\$ 9,955,000	3.15%	April 2019 to June 2032	Refund outstanding Bexar County Channel Improvement Revenue Bonds - Series 2007
<b><u>Other Debt</u></b>					
Wastewater System Revenue Improvement Bonds - Series 2013A - Texas Water Development Board	\$ 4,300,000	\$ 1,340,000	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	\$ 2,209,000	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	\$ 9,985,000	1.97%	October 2019 to June 2035	Purchase and remodeling of administrative facility located at W. Sheridan.
Surplus Revenue Bonds	\$ 1,200,000	\$ 625,000	1.77%	May 2016 to June 2026	Purchase and renovation of the Urban Reach Operations Center
<b>Total</b>	<b>\$ 38,995,000</b>	<b>\$ 25,999,000</b>			



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

<b>Fiscal Year Ending June 30</b>	<b>Channel Improvement Bonds</b>	<b>Public Facilities Corporation Bonds</b>	<b>General Improvement Revenue Bonds</b>	<b>Contract Revenue Bonds</b>	<b>Annual Total</b>
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	-	-	-	-	-
<b>Total</b>	<b>\$ 13,773,770</b>	<b>\$ 13,959,539</b>	<b>\$ 658,543</b>	<b>\$ 1,678,404</b>	<b>\$ 30,070,256</b>



## 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, 2022

Fund: 90

Available Funds	FY 2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Estimate	FY 2021-22 Budget
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**Beginning Balance**

Unrestricted Balance	\$ 1,828,800	\$ 1,807,999	\$ 2,395,491	\$ 2,943,130
Total Beginning Balance	\$ 1,828,800	\$ 1,807,999	\$ 2,395,491	\$ 2,943,130

**Revenue**

Investment Earnings	\$ 18,175	\$ 10,000	\$ 3,084	\$ 2,500
Miscellaneous	25,431	20,000	28,856	25,000
Charges for Services - Premiums	3,739,517	3,687,832	4,044,263	4,365,728
Transfers	-	-	-	-
Total Revenue	\$ 3,783,123	\$ 3,717,832	\$ 4,076,203	\$ 4,393,228

<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 5,611,923</b>	<b>\$ 5,525,831</b>	<b>\$ 6,471,694</b>	<b>\$ 7,336,358</b>
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**APPROPRIATIONS**

Operating Expenditures	\$ 3,216,432	\$ 3,737,029	\$ 3,528,564	\$ 3,653,298
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<b>TOTAL OPERATING APPROPRIATIONS</b>	<b>\$ 3,216,432</b>	<b>\$ 3,737,029</b>	<b>\$ 3,528,564</b>	<b>\$ 3,653,298</b>
Unrestricted Balance	\$ 2,395,491	\$ 1,788,802	\$ 2,943,130	\$ 3,683,060
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 5,611,923</b>	<b>\$ 5,525,831</b>	<b>\$ 6,471,694</b>	<b>\$ 7,336,358</b>

# Capital Project Funds



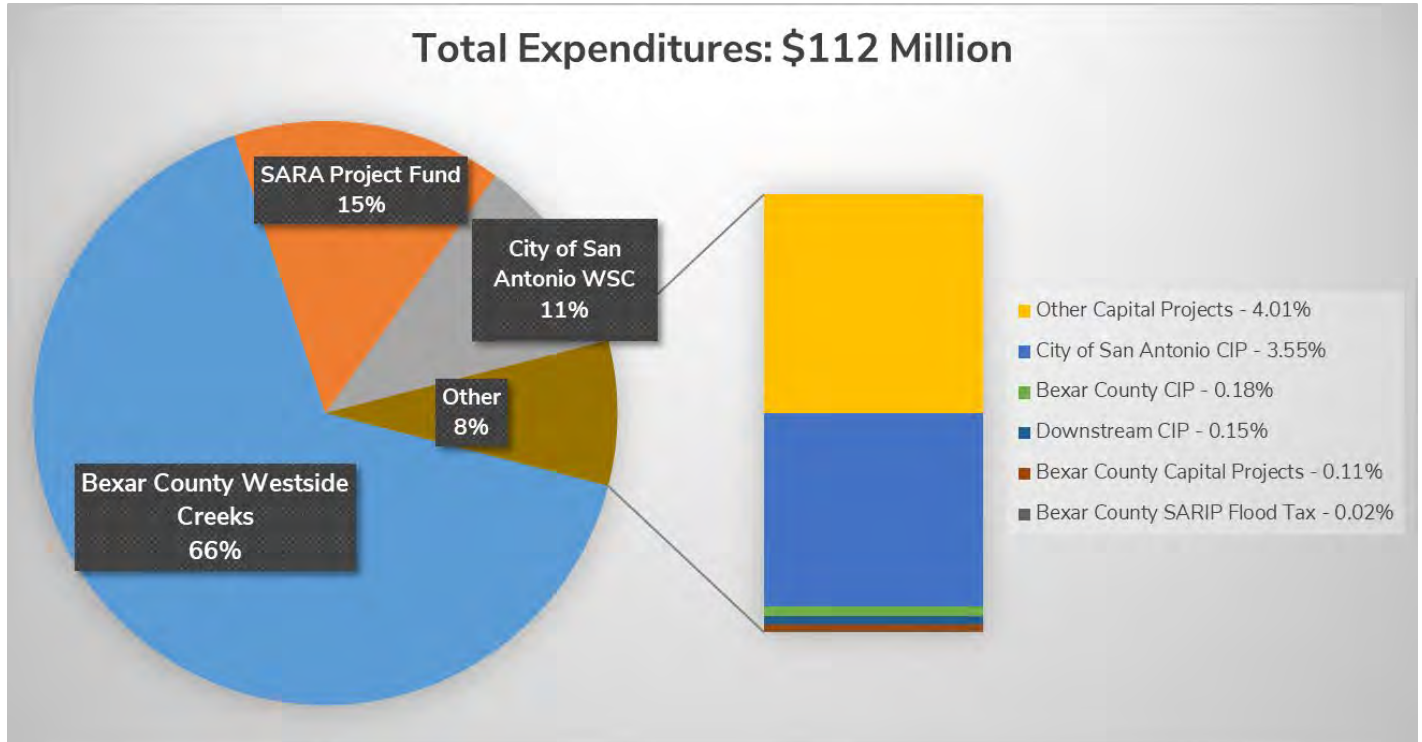
Photo by Mark Oberle  
2020 River Clicks Photo Contest  
Judge's Choice - Goliad County Category Winner



# Capital Project Funds

There is a total of 41 capital projects across 9 funds in the FY 2021-22 Adopted Budget, consisting of 34 existing projects and 7 new projects. The total expenditures in the Adopted Budget for FY 2021-22 are \$112,017,275 across all the Capital Project Funds, which is a 33 percent decrease as compared to the FY 2020-21 Amended Budget of \$167,695,287.

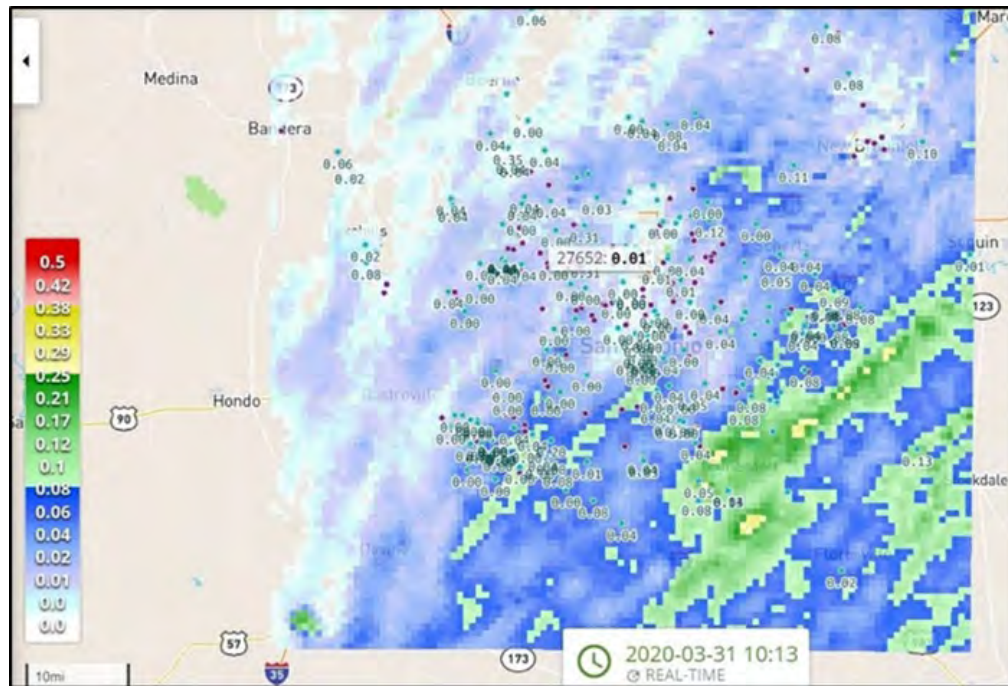
- Bexar County Westside Creeks Restoration Projects fund holds the largest portion of funding with expenditures budgeted at \$73.8 million for the San Pedro Creek Culture Park project.
- City of San Antonio Westside Creeks Restoration Projects fund has an expenditure budget of \$12.4 million.
- The San Antonio River Authority Projects Fund Adopted Budget has expenditures of \$16.7 million which is a slight increase over the FY 2020-21 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 2020-22, the River Authority will complete 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. Additionally, work will begin on extending the coverage of the system to Wilson, Karnes, and Goliad Counties. This will be done under the new **Downstream Predictive Flood Modeling Project**.

## 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 2021-22, 34 projects and studies are included in this fund and advance the River Authority's commitment to safe, clean, and enjoyable creeks and rivers. \$16,774,211 is to be allocated for all projects authorized in FY 2021-22. The breakdown is as follows:

- \$13,607,862 for existing and ongoing projects.
- \$985,000 for inactive projects.
- \$1,322,400 in funding for new projects.
- \$858,949 in unassigned funds.

San Antonio River Authority  
SARA Projects Fund  
Fiscal Year Ending June 30, 2022

Fund: 04

APPROPRIATIONS	FY2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Activity As of 03/31/2021	Remaining Available Funds
<b>Beginning Balance</b>				
Committed Balance (Board Reserve)	\$ 3,792,737	\$ 3,792,737	\$ 3,792,737	\$ 5,650,246
Assigned for Projects	8,873,979	11,315,461	10,090,928	11,241,811
<b>Total Beginning Balance</b>	<b>\$ 12,666,716</b>	<b>\$ 15,108,198</b>	<b>\$ 13,883,665</b>	<b>\$ 16,892,057</b>
<b>Revenue</b>				
Transfers - General Fund	\$ 7,188,710	\$ 7,204,028	\$ 6,253,945	\$ 5,812,400
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 19,855,426</b>	<b>\$ 22,312,226</b>	<b>\$ 20,137,610</b>	<b>\$ 22,704,457</b>

APPROPRIATIONS

Projects

Active Ongoing

Bexar County Rivers and Creek Program	-	178,155	-	278,155
Brackenridge Park	-	75,000	-	75,000
Edwards Aquifer Watershed Protection	12	12,988	-	12,988
Escondido Creek Parkway	1,805,906	2,139,714	702,327	485,307
Espada Park	-	150,000	-	150,000
Facilities Acquisition/Improvements Project	28,273	3,150,158	78,961	5,742,924
Floodplain Remapping (2018)	1,714,543	2,193,269	820,652	1,049,810
Freshwater Mussel Propagation	122,845	178,440	42,580	121,743
Impervious Cover Mitigation	333,979	230,022	125,853	27,511
Karnes County Flood Protection Plan Study	-	74,250	-	74,250
Kenedy Operations Center	-	65,340	63,020	2,320
Lucity Implementation and Asset Management	-	100,000	-	100,000
Mission Reach	-	12,450	6,559	5,891
Mission Reach Erosion Repairs	119,021	530,208	37,239	487,234
Museum Reach Electrical Infrastructure Upgrade	-	400,000	979	399,021
Nature Based Parks Master Planning	-	470,000	-	470,000
Predictive Flood Modeling	881,686	1,251,461	499,714	484,984
River Road Stream Restoration	1,628	100,770	770	100,000
Salado Creek Restoration	-	171,845	76,229	95,616
San Pedro Creek Culture Park	-	-	-	-
San Pedro Creek Operations Center	43,454	935,689	136,048	777,179
South Flores Stormwater Retrofit	-	60,000	-	-
Tributary Modeling	22,904	97,305	34,757	51,556
Watershed Master Plans Integration	154,047	754,883	266,092	893,306
Watershed Wise Rebate Program	429,937	1,889,509	286,192	1,631,160
Westside Creeks - Linear Creek Trails and Elmendorf Park	7,732	93,602	54,951	31,906

Authorized Projects - Inactive

CoSA Bond GSI Match	-	335,000	-	585,000
GSI Broadway Alamo Heights	-	100,000	-	400,000



San Antonio River Authority  
SARA Projects Fund  
Fiscal Year Ending June 30, 2022

Fund: 04

APPROPRIATIONS	FY2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Activity As of 03/31/2021	Remaining Available Funds
<b>Beginning Balance</b>				
Committed Balance (Board Reserve)	\$ 3,792,737	\$ 3,792,737	\$ 3,792,737	\$ 5,650,246
Assigned for Projects	8,873,979	11,315,461	10,090,928	11,241,811
<b>Total Beginning Balance</b>	<b>\$ 12,666,716</b>	<b>\$ 15,108,198</b>	<b>\$ 13,883,665</b>	<b>\$ 16,892,057</b>
<b>Revenue</b>				
Transfers - General Fund	\$ 7,188,710	\$ 7,204,028	\$ 6,253,945	\$ 5,812,400
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 19,855,426</b>	<b>\$ 22,312,226</b>	<b>\$ 20,137,610</b>	<b>\$ 22,704,457</b>

APPROPRIATIONS

Projects

**New Authorized Projects**

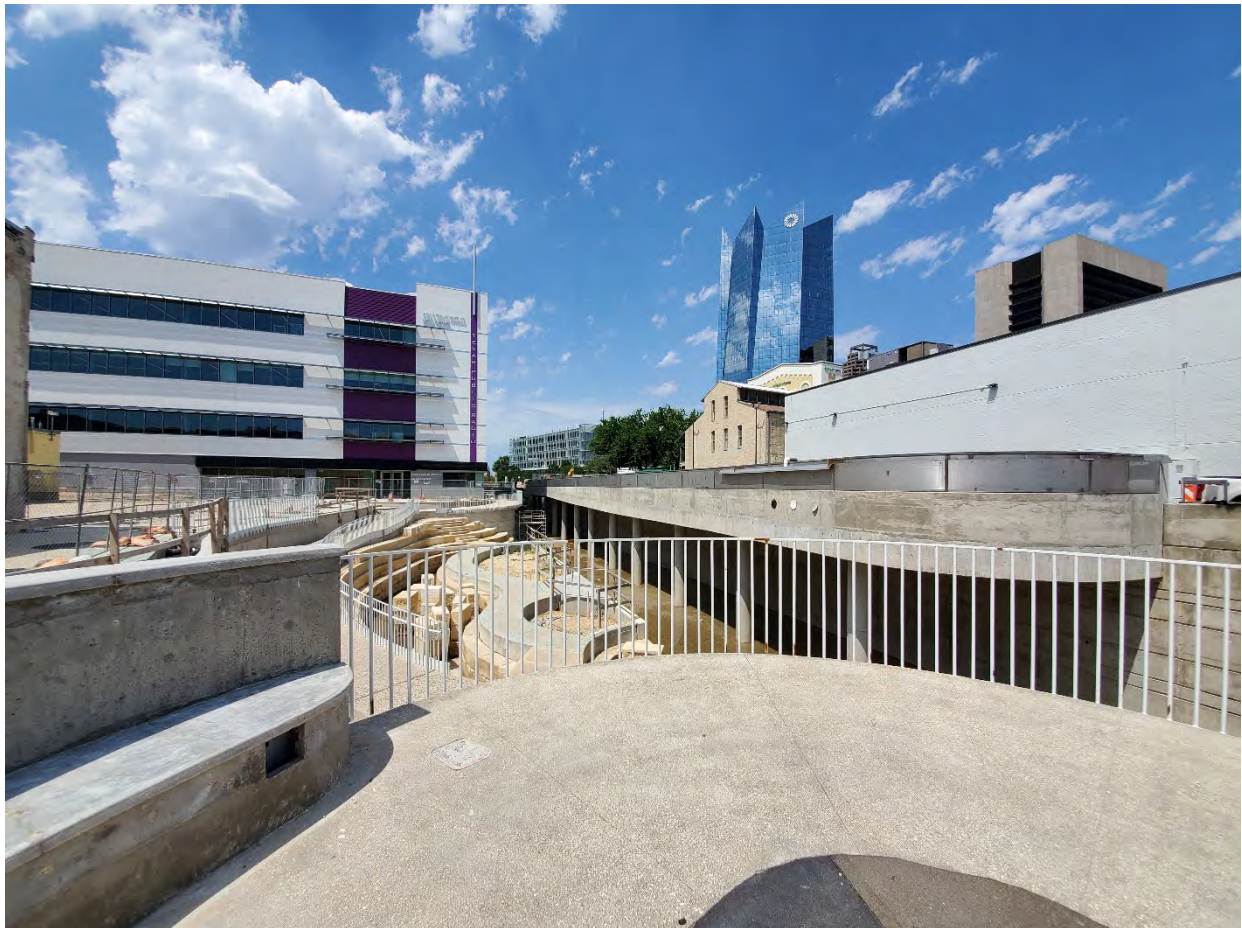
Downstream Predictive Flood Modeling	-	-	-	261,000
Escondido Phase II	-	-	-	200,000
Freshwater Mussel Reintroduction	-	-	-	85,400
Green Stormwater Infrastructure (GSI) Web-Based Tools	-	-	-	26,000
Management Tool for the I-Drive	-	-	-	50,000
Mission Reach Boundary Markers	-	-	-	105,000
Watershed Master Plan Atlas 14 Updates	-	-	-	595,000

**Closed Projects**

BRWM Stream Mitigation Bank	12,949	13,429	479	-
Clean Rivers Program 2017/SARA Stream Monitoring	5,264	8,415	3,151	-
Cooperating Technical Partners (CTP) Development	-	-	-	-
Digital Data and Model Repository Redevelopment	39,372	4,425	-	-
H&H Study - Borrego to Medio	42,489	-	-	-
John Helton SA River Nature Park	7,680	-	-	-
Laboratory Management Software Replacement	9,000	8,999	9,000	-
Mission Reach Avian Study	13,091	-	-	-
Site-Scale Model Development	100,800	-	-	-
Trash and Floatables Mitigation - Olmos Creek	30,616	6,221	-	-
Watershed Wise River Discovery	44,533	11,400	-	-
Watershed Wise School Grant	-	-	-	-
<b>Unassigned Funds</b>	-	859,033	-	918,949

<b>Total Project Expenditures</b>	<b>\$ 5,971,761</b>	<b>\$ 16,661,980</b>	<b>\$ 3,245,553</b>	<b>\$ 16,774,211</b>
Committed Balance (Board Reserve)	3,792,737	5,650,246	5,650,246	5,930,246
Assigned for Projects	10,090,928	-	11,241,811	-
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 19,855,426</b>	<b>\$ 22,312,226</b>	<b>\$ 20,137,610</b>	<b>\$ 22,704,457</b>

# EXTERNAL CAPITAL IMPROVEMENT PROJECT FUNDS



FOLLOW

#SanPedroCreek



**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 and third segments of Phase 1 are currently under construction along with Phase 2. Design for Phases 3 and 4 is also ongoing.

To learn more please visit <https://spcculturepark.com/>

## Bexar County Capital Improvement Projects Fund (13)

### Fiscal Year Ending June 30, 2022

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.

	FY2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Activity As of 03/31/2021	Remaining Available Funds
<b>APPROPRIATIONS</b>				

#### Beginning Balance

Restricted Balance - Construction	\$ -	\$ -	\$ -	\$ -
<i>Total Beginning Balance</i>	\$ -	\$ -	\$ -	\$ -

#### Revenue

Intergovernmental Revenue	\$ -	\$ 202,181	\$ -	\$ 202,181
<i>Total Revenue</i>	-	202,181	-	202,181
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ -</b>	<b>\$ 202,181</b>	<b>\$ -</b>	<b>\$ 202,181</b>

#### APPROPRIATIONS

BCCIP - Cimarron Subdivision CB9	\$ -	\$ 51,361	\$ -	\$ 51,361
BCCIP - Elm Ck @ Pearsall MR11	-	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	-	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

<b>Total Project Expenditures</b>	<b>\$ -</b>	<b>\$ 202,181</b>	<b>\$ -</b>	<b>\$ 202,181</b>
Restricted Balance - Construction	-	-	-	-
<b>TOTAL APPROPRIATIONS</b>	<b>\$ -</b>	<b>\$ 202,181</b>	<b>\$ -</b>	<b>\$ 202,181</b>

## Bexar County Capital Projects Fund (59)

### Fiscal Year Ending June 30, 2022

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.

	FY2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Activity As of 03/31/2021	Remaining Available Funds
<b>APPROPRIATIONS</b>				

#### Beginning Balance

Restricted Balance - Construction	\$ 54,537	\$ 54,536	\$ 54,538	\$ 54,538
Total Beginning Balance	\$ 54,537	\$ 54,536	\$ 54,538	\$ 54,538

#### Revenue

Intergovernmental Revenue	\$ 311,718	\$ 442,837	\$ 53,313	\$ 100,000
Total Revenue	311,718	442,837	53,313	100,000
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 366,255</b>	<b>\$ 497,373</b>	<b>\$ 107,851</b>	<b>\$ 154,538</b>

#### APPROPRIATIONS

##### Projects

Government Canyon Stream Restoration	\$ -	\$ 100,000	\$ -	\$ 100,000
Lakewood Acres	-	27,817	-	27,817
Mission Reach Erosion Repairs	311,718	365,031	53,313	-

<b>Total Project Expenditures</b>	<b>\$ 311,718</b>	<b>\$ 492,848</b>	<b>\$ 53,313</b>	<b>\$ 127,817</b>
Restricted Balance - Construction	54,538	4,525	54,538	26,721
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 366,255</b>	<b>\$ 497,373</b>	<b>\$ 107,851</b>	<b>\$ 154,538</b>

## Bexar County Flood Tax Fund (51)

### Fiscal Year Ending June 30, 2022

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.

	FY2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Activity As of 03/31/2021	Remaining Available Funds
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#### Beginning Balance

Restricted Balance - Construction	\$ 142,881	\$ 37,701	\$ 20,568	\$ 20,573
<i>Total Beginning Balance</i>	\$ 142,881	\$ 37,701	\$ 20,568	\$ 20,573

#### Revenue

Investment Income	\$ 26,314	\$ 3,000	\$ 732	\$ -
Intergovernmental Revenue	25,745,753	602,906	604,119	-
Transfers		-	-	-
<i>Total Revenue</i>	25,772,067	605,906	604,851	-
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 25,914,948</b>	<b>\$ 643,607</b>	<b>\$ 625,419</b>	<b>\$ 20,573</b>

#### APPROPRIATIONS

##### Projects

Mission Reach	\$ 77,676	\$ 643,607	\$ 604,845	\$ 20,573
Bexar County Reimbursement	25,816,704	-	-	-

<b>Total Project Expenditures</b>	<b>\$ 25,894,380</b>	<b>\$ 643,607</b>	<b>\$ 604,845</b>	<b>\$ 20,573</b>
Restricted Balance - Construction	20,568	-	20,573	-
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 25,914,948</b>	<b>\$ 643,607</b>	<b>\$ 625,419</b>	<b>\$ 20,573</b>

## Bexar County Westside Creeks Restoration Projects Fund (54)

### Fiscal Year Ending June 30, 2022

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.

APPROPRIATIONS	FY2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Activity As of 03/31/2021	Remaining Available Funds
<b>Beginning Balance</b>				
Restricted Balance - Construction	\$ 112,267	\$ 132,027	\$ 132,027	\$ 132,027
<b>Total Beginning Balance</b>	<b>\$ 112,267</b>	<b>\$ 132,027</b>	<b>\$ 132,027</b>	<b>\$ 132,027</b>
<b>Revenue</b>				
Investment Income	\$ 19,760	\$ 10,000	\$ -	\$ 5,000
Intergovernmental Revenue	26,128,492	112,218,187	30,164,779	73,702,940
<b>Total Revenues</b>	<b>26,148,252</b>	<b>112,228,187</b>	<b>30,164,779</b>	<b>73,707,940</b>
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 26,260,520</b>	<b>\$ 112,360,214</b>	<b>\$ 30,296,806</b>	<b>\$ 73,839,968</b>
<b>APPROPRIATIONS</b>				
<u>Projects</u>				
San Pedro Creek Culture Park	\$ 26,128,492	\$ 112,360,214	\$ 30,164,779	\$ 73,839,968
<b>Total Project Expenditures</b>	<b>\$ 26,128,492</b>	<b>\$ 112,360,214</b>	<b>\$ 30,164,779</b>	<b>\$ 73,839,968</b>
Restricted Balance - Construction	132,027	-	132,027	-
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 26,260,520</b>	<b>\$ 112,360,214</b>	<b>\$ 30,296,806</b>	<b>\$ 73,839,968</b>

## City of San Antonio Capital Improvements Project Fund (11)

### Fiscal Year Ending June 30, 2022

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.

	FY2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Activity As of 03/31/2021	Remaining Available Funds
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#### Beginning Balance

Restricted Balance - Construction	\$ 203,811	\$ 88,417	\$ 141,653	\$ 171,880
<b>Total Beginning Balance</b>	<b>\$ 203,811</b>	<b>\$ 88,417</b>	<b>\$ 141,653</b>	<b>\$ 171,880</b>

#### Revenue

Intergovernmental Revenue	\$ 965,530	\$ 5,254,105	\$ 828,856	\$ 3,806,174
Transfer	-	-	-	-
<b>Total Revenue</b>	<b>965,530</b>	<b>5,254,105</b>	<b>828,856</b>	<b>3,806,174</b>
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 1,169,341</b>	<b>\$ 5,342,522</b>	<b>\$ 970,509</b>	<b>\$ 3,978,054</b>

#### APPROPRIATIONS

##### Projects

#### Active Ongoing

Edwards Aquifer Protection	\$ 47,570	\$ 221,136	\$ 23,360	\$ 233,330
Nueva Street Marina Dam Replacement	34,145	694,494	75,840	730,213
River Walk Public Art	733,671	2,796,200	406,787	2,276,262
Panther Springs Creek Restoration	146,370	984,286	174,512	738,250

#### Closed Projects

Concepcion Creek Outfall Repair	65,932	296,406	24,941	-
LBJ Park Stream Restoration	-	350,000	93,189	-

<b>Total Project Expenditures</b>	<b>\$ 1,027,688</b>	<b>\$ 5,342,522</b>	<b>\$ 798,629</b>	<b>\$ 3,978,054</b>
Restricted Balance - Construction	141,653	-	171,880	-
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 1,169,341</b>	<b>\$ 5,342,522</b>	<b>\$ 970,509</b>	<b>\$ 3,978,054</b>



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

### Fiscal Year Ending June 30, 2022

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.

	FY2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Activity As of 03/31/2021	Remaining Available Funds
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#### Beginning Balance

Restricted Balance - Construction	\$ (38,408)	\$ 19,703	\$ (270,100)	\$ 11,292
<b>Total Beginning Balance</b>	<b>\$ (38,408)</b>	<b>\$ 19,703</b>	<b>\$ (270,100)</b>	<b>\$ 11,292</b>

#### Revenue

Investment Income	\$ 2,173	\$ -	\$ 1,807	\$ -
Intergovernmental Revenue	7,654,285	20,034,960	5,391,257	12,403,748
<b>Total Revenues</b>	<b>7,656,458</b>	<b>20,034,960</b>	<b>5,393,064</b>	<b>12,403,748</b>
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 7,618,050</b>	<b>\$ 20,054,663</b>	<b>\$ 5,122,964</b>	<b>\$ 12,415,040</b>

#### APPROPRIATIONS

##### Projects

San Pedro Creek Culture Park	\$ 4,673,301	\$ 8,703,858	\$ 3,127,271	\$ 5,082,271
Westside Creeks - Linear Creekways and				
Elmendorf Lake Park	3,214,849	11,350,805	1,984,402	7,332,768

<b>Total Project Expenditures</b>	<b>\$ 7,888,150</b>	<b>\$ 20,054,663</b>	<b>\$ 5,111,673</b>	<b>\$ 12,415,040</b>
Restricted Balance - Construction	(270,100)	-	11,292	-
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 7,618,050</b>	<b>\$ 20,054,663</b>	<b>\$ 5,122,964</b>	<b>\$ 12,415,040</b>



## Downstream Capital Improvements Project Fund (58)

### Fiscal Year Ending June 30, 2022

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.

	FY2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Activity As of 03/31/2021	Remaining Available Funds
<b>APPROPRIATIONS</b>				
<b>Beginning Balance</b>				
Restricted Balance - Construction	\$ 1,328,084	\$ 366,393	\$ 342,155	\$ 167,656
Total Beginning Balance	\$ 1,328,084	\$ 366,393	\$ 342,155	\$ 167,656
<b>Revenue</b>				
Investment Income	\$ 13,431	\$ 5,000	\$ 729	\$ -
Intergovernmental Revenue	705,000	180,000	147,916	-
Total Revenue	718,431	185,000	148,645	-
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 2,046,515</b>	<b>\$ 551,393</b>	<b>\$ 490,800</b>	<b>\$ 167,656</b>
<b>APPROPRIATIONS</b>				
<u>Projects</u>				
Escondido Creek Parkway	\$ 1,704,360	\$ 551,393	\$ 323,144	\$ 167,656
<b>Total Project Expenditures</b>	<b>\$ 1,704,360</b>	<b>\$ 551,393</b>	<b>\$ 323,144</b>	<b>\$ 167,656</b>
Restricted Balance - Construction	342,155	-	167,656	-
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 2,046,515</b>	<b>\$ 551,393</b>	<b>\$ 490,800</b>	<b>\$ 167,656</b>

## Medina Dam Fund (14)

### Fiscal Year Ending June 30, 2022

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. The litigation related to this project was settled in FY 2020-21.

	FY2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Activity As of 03/31/2021	Remaining Available Funds
<b>APPROPRIATIONS</b>				

#### Beginning Balance

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

#### Revenue

Intergovernmental Revenue	\$ 160,000	\$ 1,510,000	\$ 1,414,718	\$ -
Total Revenue	\$ 160,000	\$ 1,510,000	\$ 1,414,718	\$ -

<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 160,000</b>	<b>\$ 1,510,000</b>	<b>\$ 1,414,718</b>	<b>\$ -</b>
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#### APPROPRIATIONS

Operating Expenditures	\$ 160,000	\$ 1,510,000	\$ 1,414,718	\$ -
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<b>TOTAL OPERATING APPROPRIATIONS</b>	<b>\$ 160,000</b>	<b>\$ 1,510,000</b>	<b>\$ 1,414,718</b>	<b>\$ -</b>
Restricted Balance - Construction	-	-	-	-
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 160,000</b>	<b>\$ 1,510,000</b>	<b>\$ 1,414,718</b>	<b>\$ -</b>

## Other Capital Projects Fund (57)

### Fiscal Year Ending June 30, 2022

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.

	FY2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Activity As of 03/31/2021	Remaining Available Funds
<b>APPROPRIATIONS</b>				

#### Beginning Balance

Restricted Balance - Construction	\$ 211,855	\$ 211,856	\$ 211,856	\$ 101,919
Total Beginning Balance	\$ 211,855	\$ 211,856	\$ 211,856	\$ 101,919

#### Revenue

Intergovernmental Revenue	\$ 1,730,680	\$ 9,664,023	\$ 4,560,980	\$ 4,389,856
Total Revenues	1,730,680	9,664,023	4,560,980	4,389,856
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 1,942,535</b>	<b>\$ 9,875,879</b>	<b>\$ 4,772,835</b>	<b>\$ 4,491,775</b>

#### APPROPRIATIONS

##### Projects

Brooks City Base - Mission Reach Linkage	\$ 60,918	\$ 1,517,625	\$ 1,043,883	\$ 433,729
Huebner Creek	-	208,550	133,550	75,000
San Pedro Creek Culture Park	1,669,762	8,149,704	3,493,483	3,983,046

<b>Total Project Expenditures</b>	<b>\$ 1,730,680</b>	<b>\$ 9,875,879</b>	<b>\$ 4,670,916</b>	<b>\$ 4,491,775</b>
Restricted Balance - Construction	211,856	-	101,919	-
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 1,942,535</b>	<b>\$ 9,875,879</b>	<b>\$ 4,772,835</b>	<b>\$ 4,491,775</b>

# Projects



Photo by Javier Torres  
2020 River Clicks Photo Contest  
Recreation Category Winner



## Projects

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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 2021-22 portfolio of work falls under three organization Strategic Plan Goals and includes sixty-three (62) new, authorized, and pending grant award projects.

- 8 new projects (SARA Project Fund 7, Utility Funds 1).
- 15 previously authorized projects with new funding (SARA Project Fund 7, Downstream Capital Improvements Project Fund 1, CoSA CIP Fund 1, CoSA WSC Fund 1, Utility Funds 5).
- 37 previously authorized projects (no new funding).
- 2 new project authorizations 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. 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
Downstream Predictive Flood Modeling	Safe	\$ 261,000	SARA
Escondido Creek Parkway Phase II	Enjoyable	\$ 200,000	SARA
Freshwater Mussel Reintroduction	Clean	\$ 85,400	SARA
Green Stormwater Infrastructure (GSI) Web-Based Tools	Clean	\$ 26,000	SARA
Management Tool for the I-Drive	All	\$ 50,000	SARA
Martinez II/Upper Martinez Interconnect Line	Clean	\$ 350,000	Utility Rates
Mission Reach Boundary Markers	Enjoyable	\$ 105,000	SARA
Watershed Master Plan Atlas 14 Updates	Safe	\$ 595,000	SARA

AUTHORIZED PROJECTS - NEW FUNDING			
Project Name	Primary Goal	Adopted Project Budget	Funding/Amount
Bexar County Rivers & Creeks Program	All	\$ 278,155	BC, SARA
Capacity Management Operations & Maintenance	Clean	\$ 2,240,000	Utility Rates
City of San Antonio Bond GSI Match	Clean	\$ 585,000	SARA
Escondido Creek Parkway	Enjoyable	\$ 7,422,908	Kenedy, Donations, SARA
Facilities Acquisition and Improvements	All	\$ 14,457,213	Bonds, SARA
Floodplain Remapping - Leon, Salado, and Medina	Safe	\$ 4,118,446	SARA
GSI Broadway Alamo Heights	Clean	\$ 400,000	SARA
Martinez IV Collection System CIP - Project 29	Clean	\$ 1,500,000	Bonds, Utility Rates
Martinez IV WWTP Expansion	Clean	\$ 21,800,000	Bonds, Utility Rates
Nueva Street Marina Dam Replacement	Safe	\$ 840,198	CoSA
Randolph Air Force Base R&R Program	Clean	\$ 6,665,684	DESC
SARA Wastewater Maintenance & Improvements	Clean	\$ 4,235,000	Utility Rates
Watershed Master Plans Integration	Safe	\$ 1,365,000	SARA
Watershed Wise Rebate Program	Clean	\$ 3,070,000	SARA
WSC Linear Creekways and Elmendorf Lake Park	Enjoyable	\$ 45,818,593	CoSA, BC, TxDOT

AUTHORIZED PROJECTS			
Project Name	Primary Goal	Adopted Project Budget	Funding
Brackenridge Park	Clean	\$ 75,000	SARA
Brooks City Base - Mission Reach Linkage	Enjoyable	\$ 1,664,998	BDA
CTP Risk Map Cibolo Creek	Safe	\$ 600,000	FEMA
CTP Risk Map Cibolo Creek - Phase 2	Safe	\$ 307,194	FEMA
CTP Risk Map Lower San Antonio River	Safe	\$ 617,000	FEMA
CTP Risk Map Upper Medina Watershed - Phase 2	Safe	\$ 205,000	FEMA
CTP Risk Map Upper San Antonio River - FY19	Safe	\$ 1,005,400	FEMA
CTP Risk Map Lower Cibolo/Medina - FY20	Safe	\$ 1,430,000	FEMA
Edwards Aquifer Watershed Protection	Clean	\$ 550,712	CoSA, SARA
Espada Park	Enjoyable	\$ 150,000	SARA
Freshwater Mussel Propagation	Clean	\$ 290,453	SARA

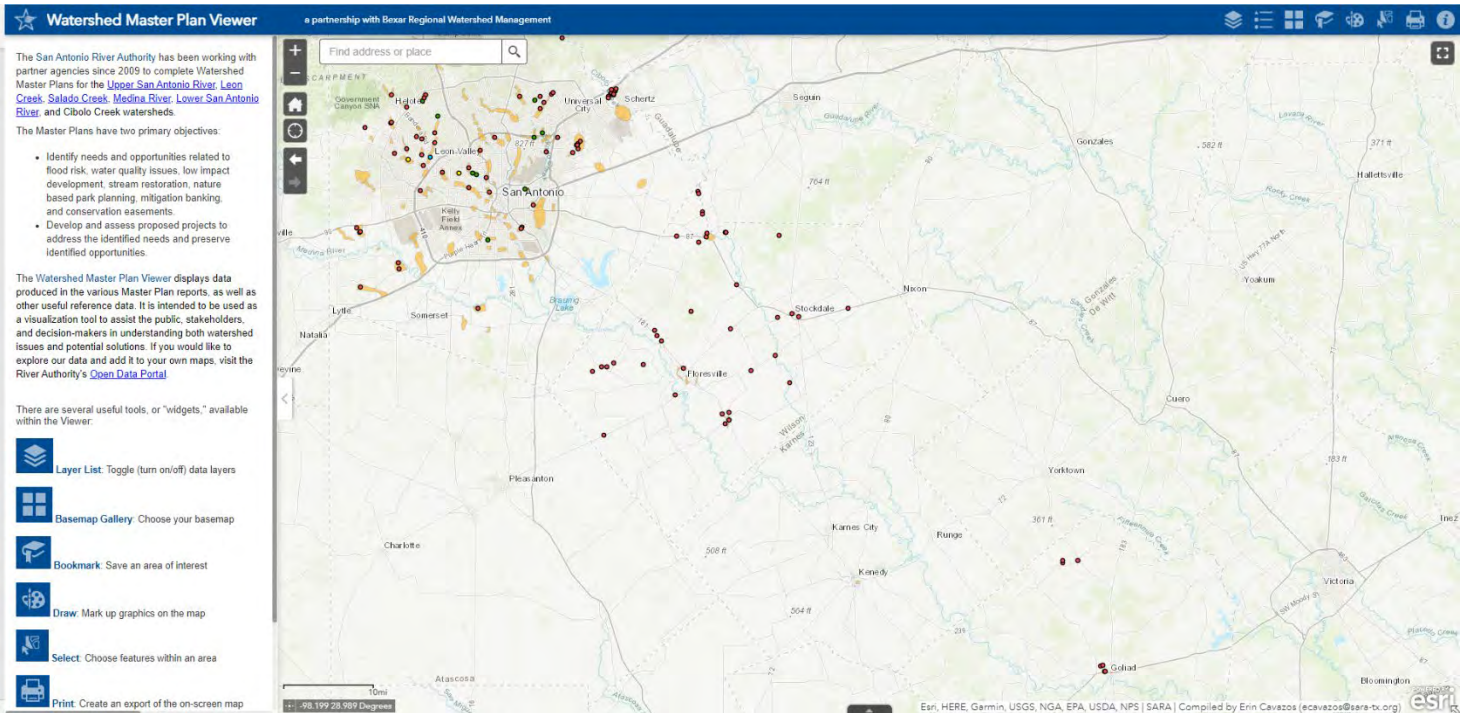
# Projects

AUTHORIZED PROJECTS			
Project Name	Primary Goal	Adopted Project Budget	Funding
Government Canyon Stream Restoration	Clean	\$ 100,000	BC
GSI Master Plan: Upper SAR Watershed	Clean	\$ 168,534	TCEQ
Helton Boat Ramp	Safe	\$ 85,000	PRDF
Huebner Creek Flood Remediation & Aquatic Eco Rest	Safe	\$ 280,000	Leon Valley
Impervious Cover Mitigation	Clean	\$ 906,175	SARA
Karnes County Flood Protection Plan Study	Safe	\$ 74,250	SARA
Kenedy Operations Center	Enjoyable	\$ 130,000	SARA, PRDF
Lucity Implementation and Asset Management	All	\$ 100,000	SARA
Martinez IV Collection System CIP	Clean	\$ 2,905,000	Utility Rates
Mid and Lower Cibolo Creek	Clean	\$ 163,680	TAMU Agrilife
Mission Reach	Clean	\$ 255,548,458	BC, SARA
Mission Reach Erosion Repairs	Safe	\$ 2,856,447	BC, SARA
Museum Reach Electrical Infrastructure Upgrade	Safe	\$ 400,000	SARA
Nature Based Parks Master Planning	Enjoyable	\$ 470,000	SARA
Panther Springs Creek Restoration	Clean	\$ 1,100,000	CoSA
Predictive Flood Modeling	Safe	\$ 1,866,384	SARA
River Road Stream Restoration	Clean	\$ 452,279	SARA, USACE, BC
River Walk Public Art	Enjoyable	\$ 3,475,116	CoSA
Roadway Collection System Projects	Clean	\$ 1,300,000	Utility Rates
Salado Creek Restoration	Clean	\$ 171,845	BC, SARA
Salitrillo and Martinez Sewershed Models	Clean	\$ 1,218,137	Utility Rates
Salitrillo WWTP Expansion and Improvements	Clean	\$ 29,165,000	Bonds, Utility Rates
San Pedro Creek Culture Park	Safe	\$ 274,859,694	BC, CoSA, SAWS, CPS
San Pedro Creek Operations Center	Enjoyable	\$ 1,435,957	SARA
Tributary Modeling	Safe	\$ 464,674	SARA
Utility Optimization Plan	Safe	\$ 145,000	Utility Rates

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: <b>SARA</b> indicated funding from property tax or other River Authority funding source



# NEW PROJECTS



**Project Highlight: Watershed Master Plan Atlas 14 Updates** – In FY 2021-22, the River Authority plans to incorporate the National Oceanic and Atmospheric Administration (NOAA) Atlas 14 precipitation frequency estimates and associated information into its flood risk tools. Project and other mitigation action recommendations will be published on the Watershed Master Plan webmap application, which can be found on our website at <https://www.sariverauthority.org/maps-data>.



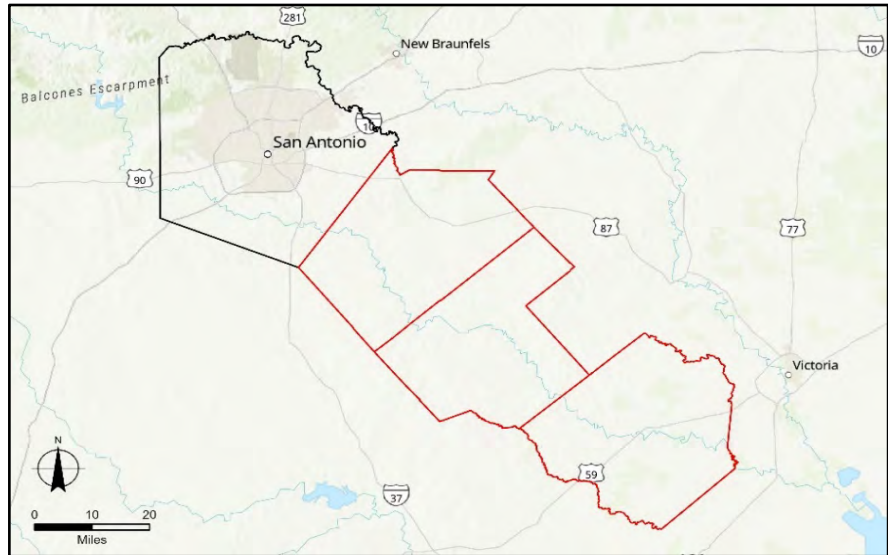
# Downstream Predictive Flood Modeling

## Project #0665

Adopted \$ 261,000  
 Budget  
 Unfunded Plan \$ 2,000,000  
 New Funding (FY22) \$ 261,000

Department Watershed Engineering  
 Start Date 9/1/2021  
 End Date 6/30/2024

### Goal



### Description

The River Authority completed the predictive flood modeling system for Bexar County in 2021. The Downstream Predictive Flood Modeling project intends to extend the coverage of that system to Wilson, Karnes and Goliad Counties. The predictive flood modeling system provides real-time operational forecasting, early warnings, and important situational awareness during emergency response operations. River Authority staff plan to coordinate efforts for this project with staff from Wilson, Karnes and Goliad Counties as well as other key stakeholders.

### Future Financial Impact

In FY 2021-22, the project will extend the radar rainfall estimate layer over the entire San Antonio River watershed and begin the modeling for Wilson County. Future operations and maintenance costs associated with the downstream predictive model will be included in the General Fund operating budget upon project completion.

Spending Plan					
Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Contracted Service	-	261,000	1,000,000	1,000,000	2,261,000
<b>Total</b>	<b>\$ -</b>	<b>\$ 261,000</b>	<b>\$ 1,000,000</b>	<b>\$ 1,000,000</b>	<b>\$ 2,261,000</b>

# Escondido Creek Parkway Phase II

Project# 0666

Adopted Budget  
Unfunded Plan

\$ 200,000  
\$ -

New Funding (FY22)

\$ 200,000

Department Watershed & Park Operations

Start Date 7/1/2021

End Date 12/31/2023

## Goal



## Description

In continuation of improvements to Escondido Creek Parkway, which opened in 2020, this project will extend the trail from the 5th Street entrance to the Elementary school and loop back into the Pullin Street entrance. The proposed concrete trail would be approximately 1.2 miles in length and ten feet wide with one low water crossing.

## Future Financial Impact

In FY 2021-22, the River Authority will work with a consultant to design the trail with construction occurring in the following fiscal year. Property owners will be approached regarding the property needed for the trail, in easement or in fee. Operations and maintenance expenditures for Escondido Creek Parkway Phase I are included in the Wastershed & Park Operations Department Adopted Budget for FY 2021-22.

## Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Design	-	85,000	-	-	85,000
Construction	-	115,000	-	-	115,000
<b>Total</b>	<b>\$ -</b>	<b>\$ 200,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 200,000</b>

# Freshwater Mussel Reintroduction

## Project #0667

Adopted \$ 85,400  
Budget  
Unfunded Plan \$ 356,815

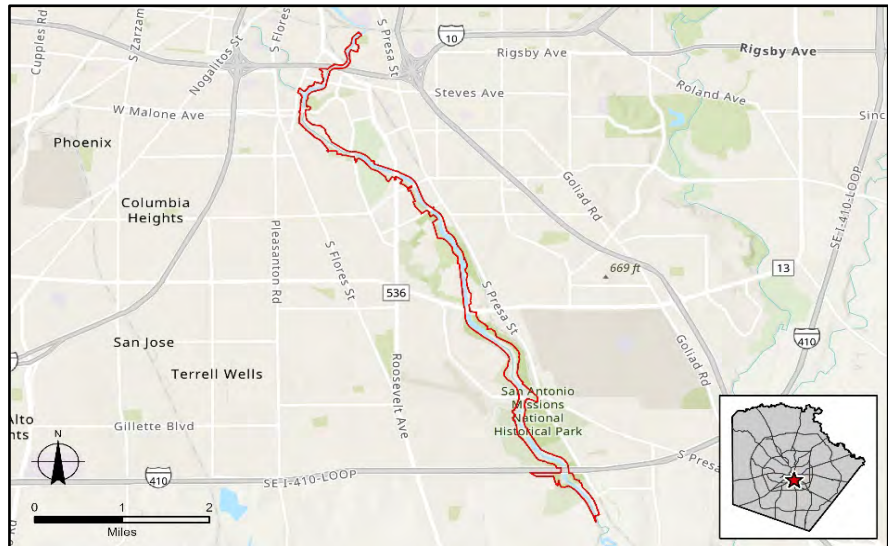
New Funding \$ 85,400  
(FY22)

Department Environmental  
Sciences

Start Date 7/1/2021

End Date 9/30/2026

### Goal



### Description

Mussel surveys have shown that mussels have been nearly eradicated from the Mission Reach but are still surviving in numerous remnant channels. Therefore, the River Authority initiated the Mission Reach Mussel Survivability study in 2017. Results of this study, coupled with the knowledge gained from the Mussel Propagation and Production Project, give staff confidence that a mussel reintroduction is feasible. Over the life of the project, the US Fish & Wildlife Service (USFWS) will produce four mussel species and River Authority staff will place them into the Mission Reach. Ultimately, success will be determined by the ability of these stocked individuals to naturally reproduce. The project is scheduled for five years as that is the approximate time it takes for the slowest maturing of the four species to reach maturity and produce offspring.

### Future Financial Impact

In FY 2021-22, the River Authority will enter into a five-year agreement with the USFWS, finalize the genetic management plan needed to initiate a reintroduction, and produce the first cohort of individuals. River Authority field staff will develop a routine monitoring protocol to implement in year three of the project.

Spending Plan					
Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Professional Services	-	85,400	86,896	269,919	442,215
<b>Total</b>	<b>\$ -</b>	<b>\$ 85,400</b>	<b>\$ 86,896</b>	<b>\$ 269,919</b>	<b>\$ 442,215</b>

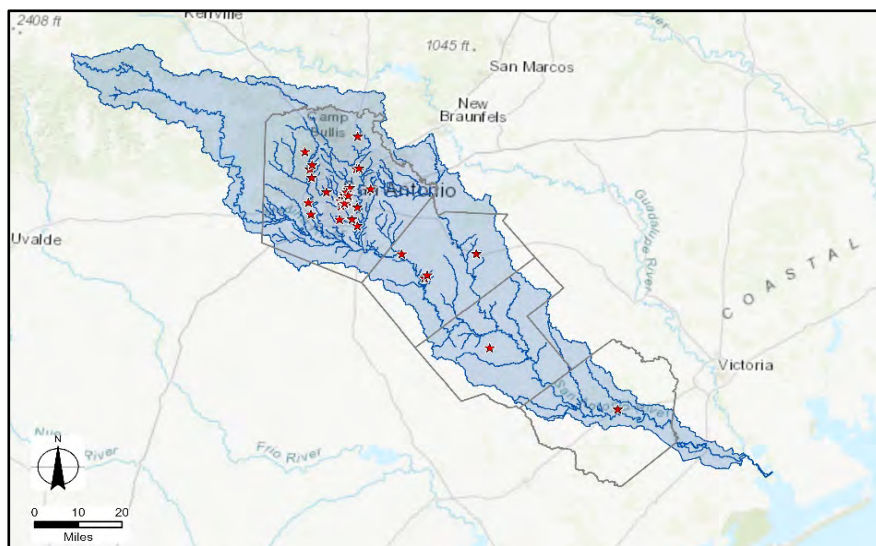
# Green Stormwater Infrastructure (GSI) Web-Based Tools

**Project# 0668**

Adopted \$ 26,000  
 Budget  
 Unfunded Plan \$ 100,000  
 New Funding (FY22) \$ 26,000

Department Environmental Sciences  
 Start Date 7/1/2021  
 End Date 6/30/2023

## Goal



## Description

The Green Stormwater Infrastructure (GSI) project will create a web-based product to aid the community in how to implement GSI. This tool will allow continued growth for the implementation of GSI. GSI has many benefits, including water quality improvements, reduced heat island effect, and reduced street level flooding.

## Future Financial Impact

In FY 2021-22, a dashboard will be created to measure the impact of GSI and work will begin on a public focused calculation tool. The calculation tool will be completed the following year. Future operations and maintenance costs for this project will include the hosting costs associated with the website components and staff time to maintain data.

## Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Professional Services	-	26,000	75,000	25,000	126,000
<b>Total</b>	<b>\$ -</b>	<b>\$ 26,000</b>	<b>\$ 75,000</b>	<b>\$ 25,000</b>	<b>\$ 126,000</b>



# Management Tool for the I-Drive

Project # 0669

Adopted \$ 50,000

Budget

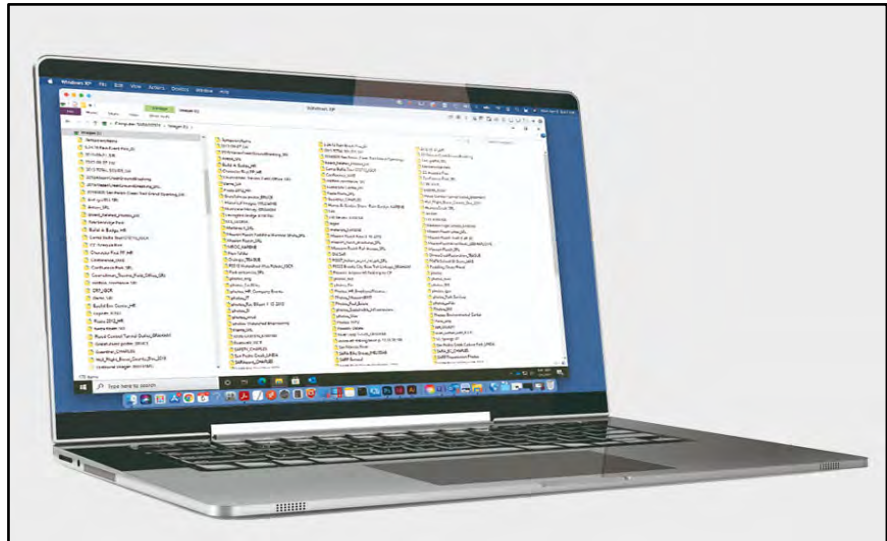
Unfunded Plan \$ 50,000

New Funding (FY22) \$ 50,000

Department Information Technology

Start Date 7/1/2021

End Date 6/30/2024



Goal



Description

The River Authority currently stores all digital content on an internal server named the "I-Drive". This project will identify and implement a third-party image asset cataloging system and storage interface for the River Authority's digital content. A structure to best manage digital content will also be created. This project will result in a more efficient method of storing, organizing, and searching for digital content.

Future Financial Impact

In FY 2021-22, the River Authority will procure and begin implementation of a management tool. Future operations and maintenance costs will include annual software licensing and storage expenses.

## Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Contracted Service	-	50,000	25,000	25,000	100,000
<b>Total</b>	<b>\$ -</b>	<b>\$ 50,000</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>	<b>\$ 100,000</b>

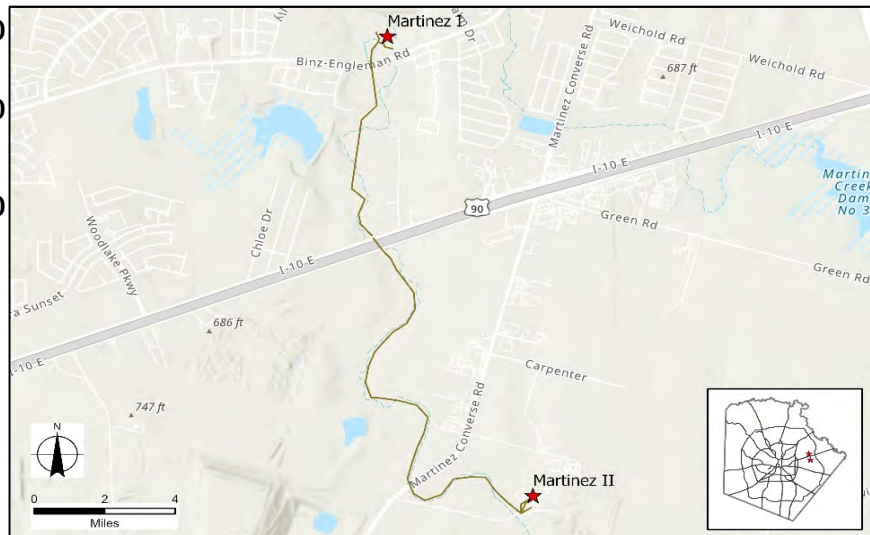
# Martinez II/Upper Martinez Interconnect Line

## Project #0670

Adopted \$ 350,000  
 Budget  
 Unfunded Plan \$ 5,765,000  
 New Funding (FY22) \$ 350,000

Department Utilities  
 Start Date 9/1/2021  
 End Date 6/30/2024

### Goal



### Description

This project will ensure that the outfall main between the Upper Martinez WWTP and the Martinez II WWTP can convey all the anticipated flow from the Upper Martinez service area to the Martinez II WWTP. The outfall main currently diverts some of the flow from Upper Martinez to Martinez II for treatment. Through the CMOM activities it has been determined that the current outfall does not have the capacity to service the full demand of the Upper Martinez service area. Upon project completion the River Authority will be able to begin the process of expanding the Martinez II WWTP and decommissioning of the Upper Martinez WWTP.

### Future Financial Impact

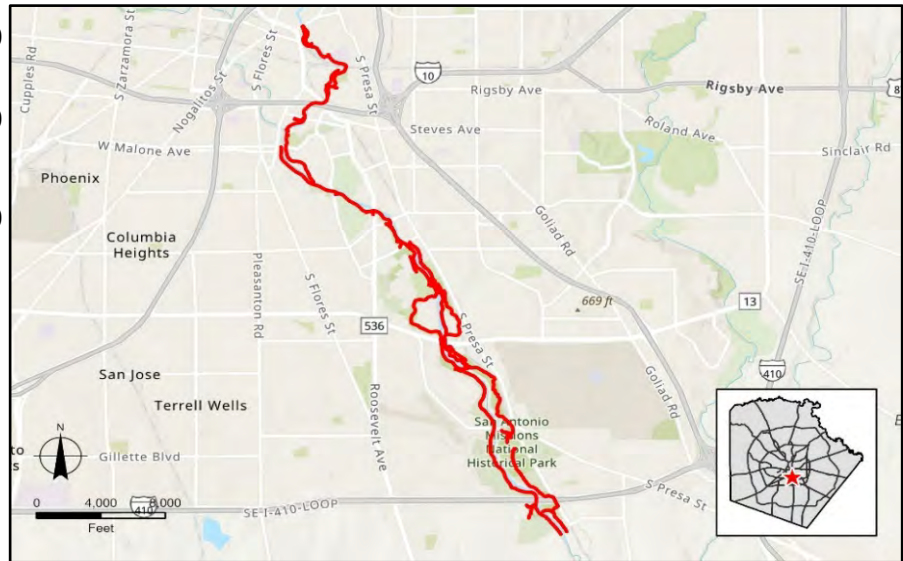
In FY 2021-22, the River Authority will work with a consultant to design the upsizing of the capacity constraints, complete a condition assessment, and provide construction plans for these improvements. Following the design, the River Authority will work with a contractor to rehabilitate and upsize the line as indicated in the design. Operations and maintenance expenditures should decrease because of the project. Once the line is rehabilitated inflow and infiltration should be reduced and will require less maintenance.

Spending Plan					
Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 2022	2022/23	Succeeding from 2023	Total
Design	-	350,000	-	-	350,000
Construction	-	-	1,000,000	4,765,000	5,765,000
<b>Total</b>	<b>\$ -</b>	<b>\$ 350,000</b>	<b>\$ 1,000,000</b>	<b>\$ 4,765,000</b>	<b>\$ 6,115,000</b>

# Mission Reach Boundary Markers

**Project# 0671**

**Adopted**           \$           105,000  
**Budget**  
**Unfunded Plan**   \$           183,000  
  
**New Funding**     \$           105,000  
**(FY22)**  
  
**Department**       Watershed & Park  
                               Operations  
**Start Date**         7/1/2021  
**End Date**           6/30/2024



## Goal



## Description

The Mission Reach Boundary Markers project will clearly identify the property lines along the San Antonio Capital Improvement Project Phases (SACIP). Using contracted survey work, the main focus is to identify the legal property lines between the SACIP project limits and the adjoining real property for all of the Mission Reach Units Phases 1 thru 5. The project limits entail approximately 8.2 miles.

## Future Financial Impact

In FY 2021-22, the River Authority will contract and begin working with a survey crew. There are no operations and maintenance costs associated with this project.

## Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Professional Services	-	105,000	99,000	84,000	288,000
<b>Total</b>	<b>\$ -</b>	<b>\$ 105,000</b>	<b>\$ 99,000</b>	<b>\$ 84,000</b>	<b>\$ 288,000</b>

# Watershed Master Plan Atlas 14 Update

## Project# 0672

**Adopted Budget** \$ 595,000  
**Unfunded Plan** \$ 243,000  
**New Funding (FY22)** \$ 595,000

**Department** Watershed Engineering  
**Start Date** 7/1/2021  
**End Date** 6/30/2023

### Goal



### Description

The Watershed Master Plan Atlas 14 Update project will incorporate the flood risk data from Risk MAP and floodplain remapping projects that reflect updated precipitation estimates from Atlas 14. Estimated annualized damages, areas of high flood risk, and proposed mitigation projects will be updated for Bexar, Wilson, Karnes, and Goliad Counties. Project and other mitigation action recommendations will be published on the Watershed Master Plan webmap application, and the implementation plan will include recommendations for project funding.

### Future Financial Impact

In FY 2021-22, the River Authority will work with a consultant to incorporate the data. Operations and maintenance costs for the Master Plans is included in the FY2021-22 Adopted Budget under the Watershed Engineering department.

Spending Plan						
Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total	
Professional Services	-	595,000	243,000	-	838,000	
<b>Total</b>	<b>\$ -</b>	<b>\$ 595,000</b>	<b>\$ 243,000</b>	<b>\$ -</b>	<b>\$ 838,000</b>	



# AUTHORIZED PROJECTS

## NEW FUNDING



**Project Highlight: Martinez IV WWTP Expansion** – In FY 2021-22, the River Authority will expand the Martinez IV WWTP, located in St. Hedwig, Texas, to 2.0 MGD (million gallons per day). The plant is currently permitted for 0.25 MGD and includes an influent lift station, headworks, aeration basin, clarifier and UV system. The plant has exceeded 90% of the average daily flow capacity triggering regulatory requirements to increase treatment facilities. This expansion is necessary to ensure permit compliance and address significant growth within the Martinez System service area.

# Bexar County Rivers & Creek Program

## Project #0800

Adopted Budget \$ 278,155

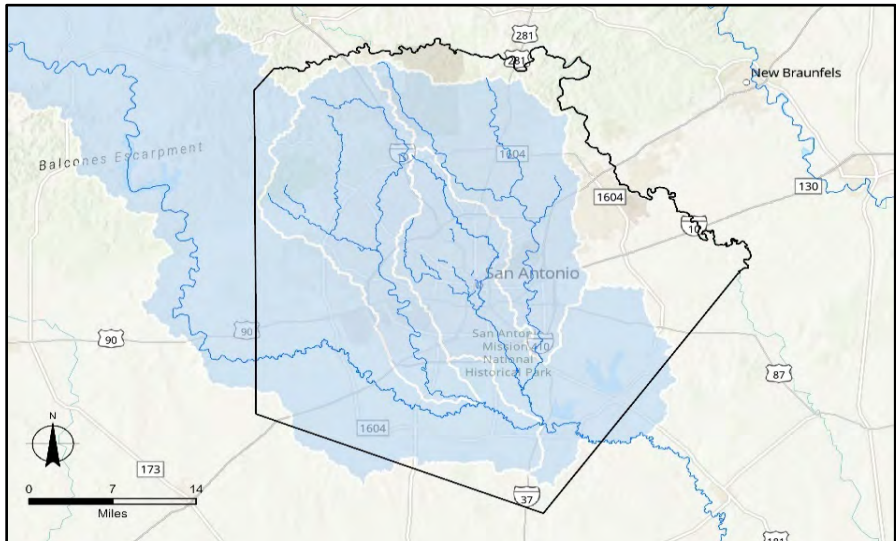
Unfunded Plan \$ -

New Funding \$ 100,000  
(FY22)

Department Watershed  
Engineering

Start Date 11/18/2020

End Date 6/30/2028



### Description

The Bexar County Rivers and Creeks program intends to fund a series of projects across Bexar County with River Authority staff providing program and project management of this multi-year County investment. These projects will continue or complement previous Bexar County and City of San Antonio capital investments, restore degraded aquatic or riparian ecosystems, improve water quality and flood control, promote the addition of trails and other recreational and park amenities, connect neighborhoods, public institutions, city and county parks to the linear creekway trail network, leverage funding with other project collaborators to promote cost-effectiveness and to serve as catalysts for future economic development along rivers and creeks.

### Future Financial Impact

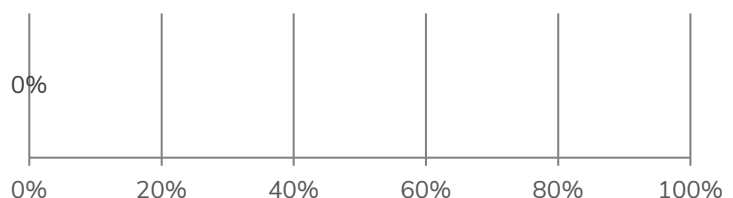
In FY 2021-22, the River Authority will begin the implementation of selected projects by the Bexar County Commissioners Court. River Authority dollars will be used for project management, administrative, or coordination tasks. Design and construction of the individuals projects will begin according to authorization and funding provided by Bexar County.

Spending Plan					
Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Economic Impact	-	13,125	-	-	13,125
Preliminary Design	-	125,258	-	-	125,258
Public Outreach	-	139,772	-	-	139,772
<b>Total</b>	<b>\$ -</b>	<b>\$ 278,155</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 278,155</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT





# Capacity Management Operations and Maintenance Program

## Project #0642

Adopted Budget  
Unfunded Plan

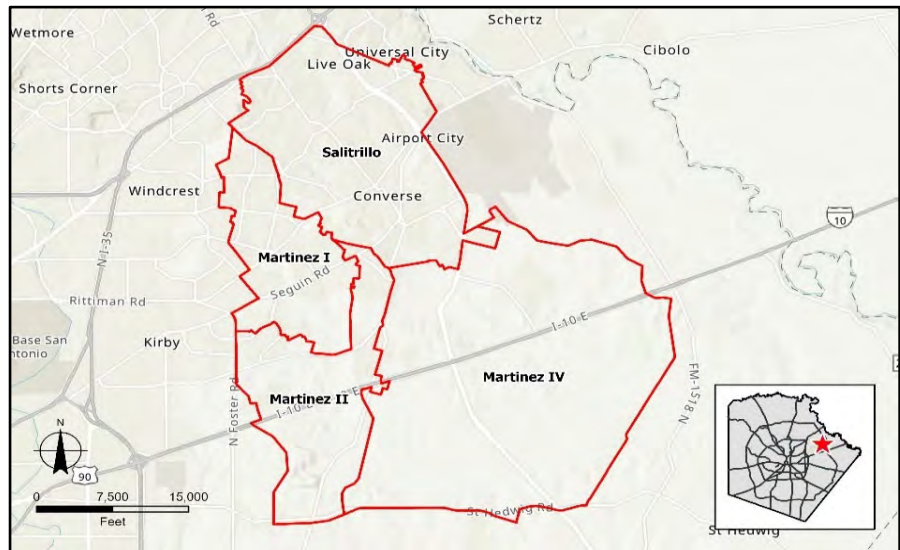
\$ 2,240,000

\$ 1,100,000

New Funding (FY22)

\$ 1,000,000

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.

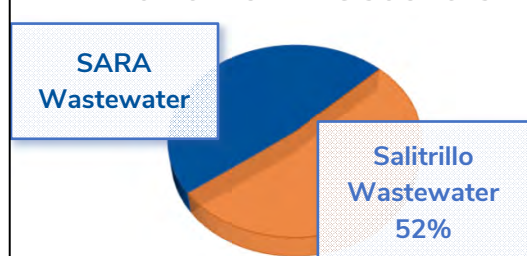
### Future Financial Impact

In FY2021-22, staff will continue to review existing information and processes to identify areas of improvement within the collection systems. Staff will work with consultants to create a prioritized schedule and refine processes for condition assessment efforts for the collection system. Infrastructure with known issues and most at-risk infrastructure will be assessed first. Additionally, the River Authority will work with consultants to complete the Salitrillo and Martinez I & II Collection System models while creating a flow monitoring plan for the Martinez IV Service Area.

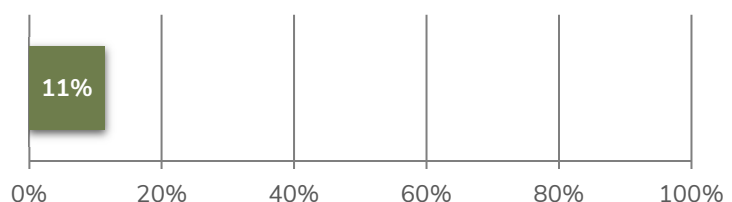
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Contracted Service	-	898,978	800,000	300,000	1,998,978
Professional Service	257,392	1,083,630	-	-	1,341,022
<b>Total</b>	<b>\$ 257,392</b>	<b>\$ 1,982,608</b>	<b>\$ 800,000</b>	<b>\$ 300,000</b>	<b>\$ 3,340,000</b>

### PROJECT FUNDING SOURCES



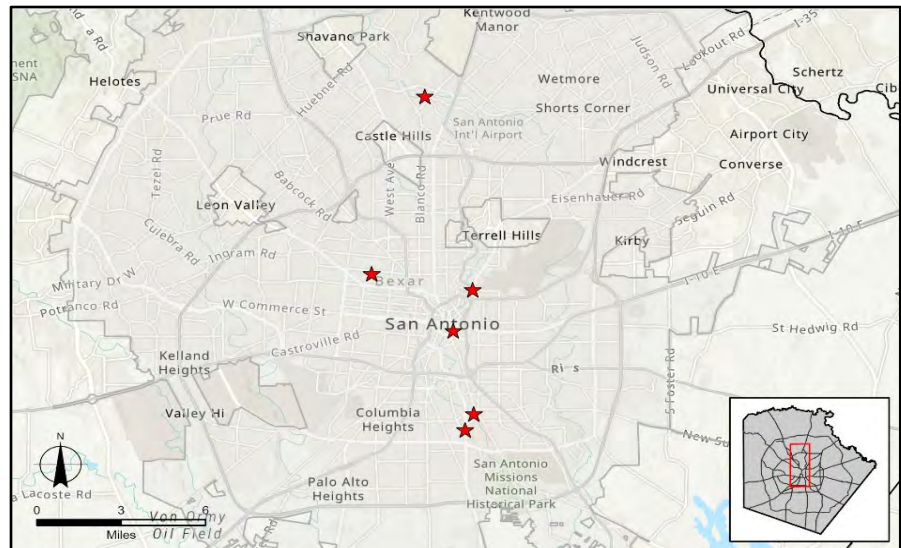
### PERCENTAGE SPENT



# City of San Antonio Bond GSI Match

## Project #0607

**Adopted**                 \$     585,000  
**Budget**  
**Unfunded Plan**     \$   1,179,212  
  
**New Funding**       \$     250,000  
**(FY22)**  
  
**Department**         Watershed  
**Engineering**  
**Start Date**           7/1/2018  
**End Date**            6/30/2023



### Goal



### Description

The River Authority has been coordinating with the City of San Antonio (CoSA) and identified some 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 2021-22, 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 select projects mutually agreed upon. Delivery of these projects will be based on CoSA schedules for individual projects. Additionally, task orders for projects Upper Broadway, Roosevelt Ave. and World Heritage Center are anticipated to be finalized. Discussions are ongoing regarding the operations and maintenance of the GSI component of the selected bond projects.

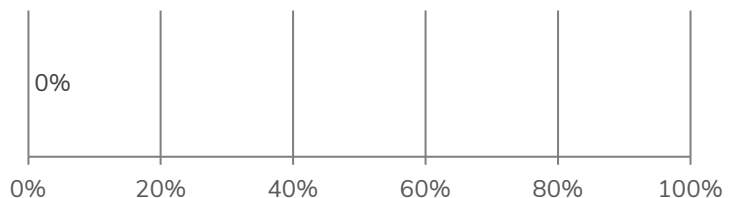
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Contracted Service	-	677,506	57,494	1,029,212	1,764,212
<b>Total</b>	<b>\$ -</b>	<b>\$ 677,506</b>	<b>\$ 57,494</b>	<b>\$ 1,029,212</b>	<b>\$ 1,764,212</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



# Escondido Creek Parkway

## Project #0397

Adopted \$ 7,422,908

Budget  
Unfunded Plan \$ -

New Funding \$ 54,077  
(FY22)

Department Watershed &  
Park Operations

Start Date 7/1/2012

End Date 6/30/2021



### 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.

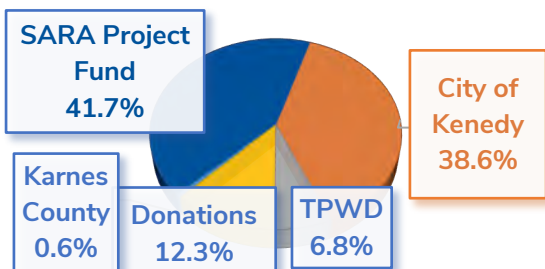
### Future Financial Impact

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

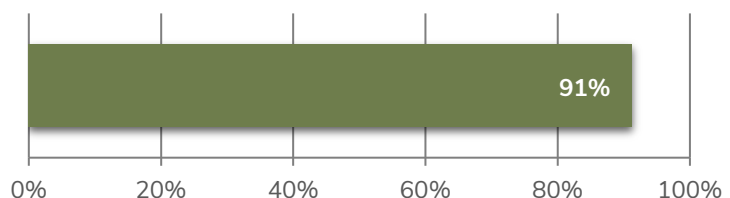
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Design	792,853	23,559	-	-	816,412
Construction	5,697,541	624,987	-	-	6,322,528
ROW Acquisition	223,968	-	-	-	223,968
Public Outreach	55,603	4,397	-	-	60,000
<b>Total</b>	<b>\$ 6,769,965</b>	<b>\$ 652,943</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 7,422,908</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT





# Facilities Acquisition and Improvements

## Project #0585

Adopted \$ 14,457,213  
Budget  
Unfunded Plan \$ -

New Funding \$ 2,931,042  
(FY22)

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

### Goal



### Description

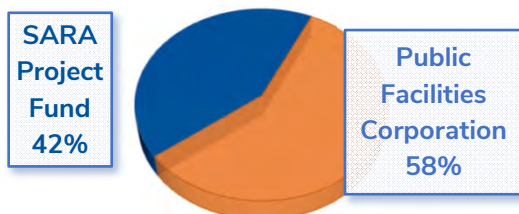
This project will oversee the completion of the facilities acquisition and improvements plan. In FY 2019-20 the River Authority acquired property located at 201 W. Sheridan St. and contracted with an architecture firm for space planning, design, and renovation for this property and the administrative 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

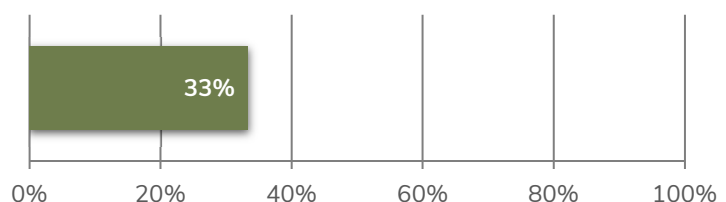
In FY 2020-21, The River Authority worked with the architect to complete the design concepts for the Guenther and Sheridan locations. In FY 2021-22, renovations to the HVAC system, board room, and office space are expected to begin at the Guenther location.

Spending Plan					
Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Design	22,618	745,382	-	-	768,000
Construction	-	8,745,430	-	-	8,745,430
Contracted Service	408,669	139,266	-	-	547,935
Acquisition	4,175,116	-	-	-	4,175,116
Technology	220,632	99	-	-	220,731
<b>Total</b>	<b>\$ 4,827,035</b>	<b>\$ 9,630,177</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 14,457,213</b>

### PROJECT FUNDING SOURCES



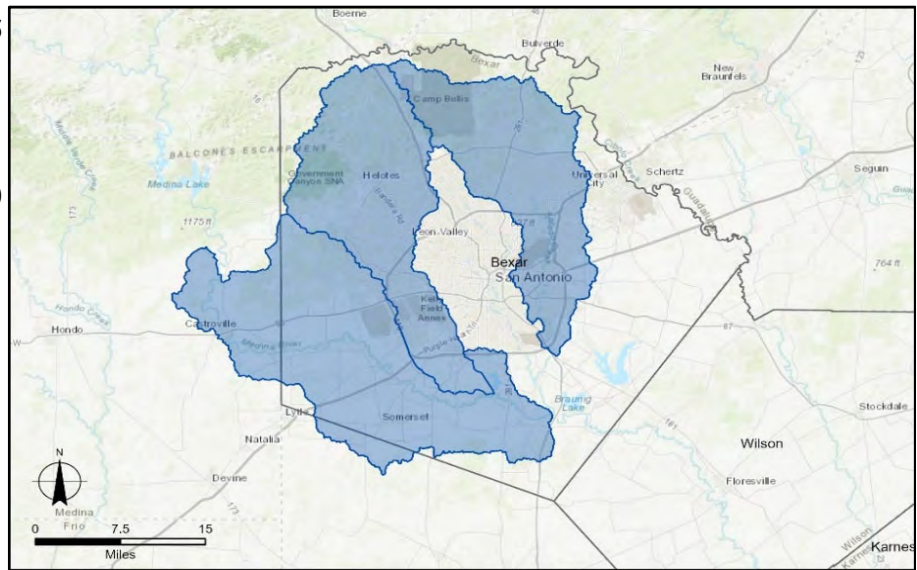
### PERCENTAGE SPENT



# Floodplain Remapping - Leon, Salado, and Medina

**Project# 0600**

**Adopted Budget** \$ 4,118,446  
**Unfunded Plan** \$ -  
**New Funding (FY22)** \$ 60,000  
**Department** Watershed Engineering  
**Start Date** 6/11/2018  
**End Date** 3/30/2022



## 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 2021-22, the River Authority will complete the 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. Open houses will be held to facilitate sharing the updated flood risk information with the public.

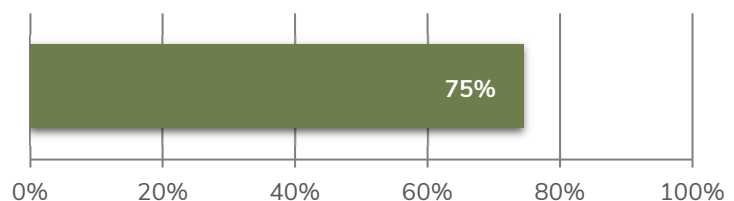
## Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Professional Service	3,068,636	989,810	-	-	4,058,446
Public Outreach	-	60,000	-	-	60,000
<b>Total</b>	<b>\$ 3,068,636</b>	<b>\$ 1,049,810</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,118,446</b>

## PROJECT FUNDING SOURCES



## PERCENTAGE SPENT





# GSI Broadway Alamo Heights

## Project #0650

Adopted Budget \$ 400,000  
Unfunded Plan \$ 900,000

New Funding \$ 300,000  
(FY22)

Department Environmental Sciences  
Start Date 10/1/2020  
End Date 12/31/2025



### 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 2021-22, the River Authority will work with the City to incorporate GSI into the construction plan for Broadway Street. After the 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.

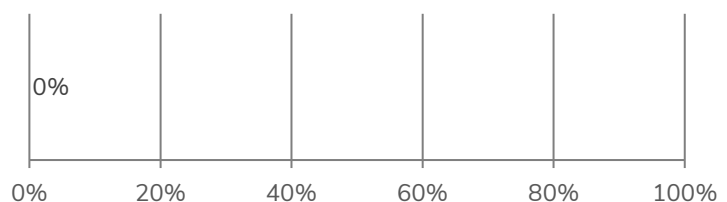
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Construction	-	400,000	300,000	600,000	1,300,000
<b>Total</b>	<b>\$ -</b>	<b>\$ 400,000</b>	<b>\$ 300,000</b>	<b>\$ 600,000</b>	<b>\$ 1,300,000</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT





# Martinez IV Collection System CIP - Project 29

## Project #0660

Adopted Budget  
Unfunded Plan

\$ 1,500,000  
\$ 10,960,000

New Funding  
(FY22)

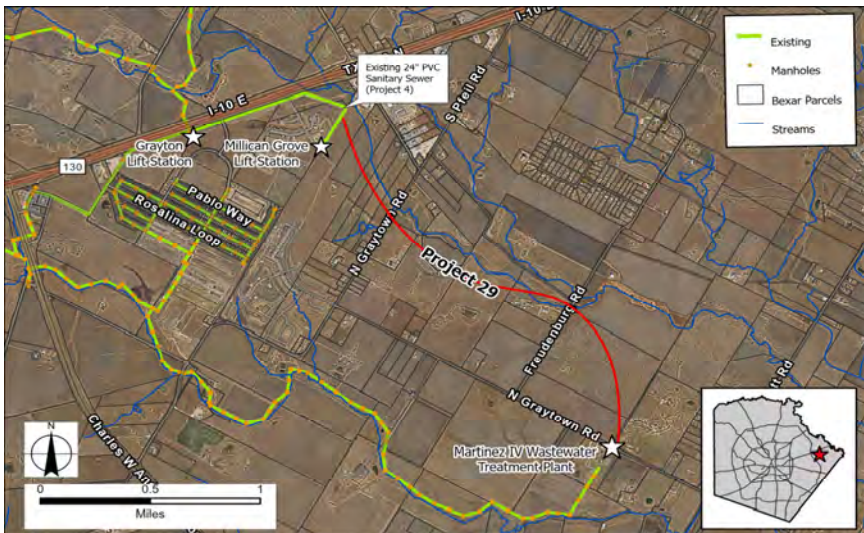
\$ 1,500,000

Department Utilities

Start Date 1/20/2021

End Date 8/1/2024

### Goal


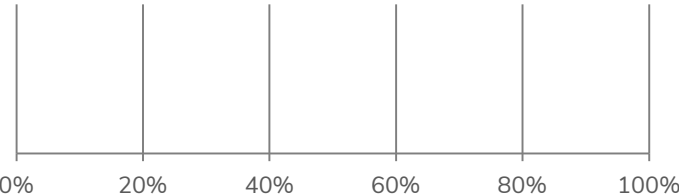


### Description

Project 29 will be a large diameter gravity sewer line that will connect an existing 24 inch diameter gravity line to the Martinez IV Wastewater Treatment Plant. This line is critical to be able to serve increased development north of IH-10. It is anticipated that the sewer line will vary in size from 18 inches to 36 inches in diameter. Decommissioning of the Graytown Road and Millican Grove Lift Stations will also be part of this project.

### Future Financial Impact

In FY 2021-22, design and easement acquisition for the project will begin. The River Authority will be responsible for operations and maintenance upon project completion. Operations and maintenance costs are expected to decrease as two lift stations will be decommissioned as part of this project.

Spending Plan					
Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 2022	2022/23	Succeeding from 2023	Total
Design	-	1,500,000	-	-	1,500,000
Construction	-	-	-	10,600,000	10,600,000
ROW Acquisition	-	-	360,000	-	360,000
Total	\$ -	\$ 1,500,000	\$ 360,000	\$ 10,600,000	\$ 12,460,000
PROJECT FUNDING SOURCES			PERCENTAGE SPENT		
					

# Martinez IV Wastewater Treatment Plant Expansion

## Project #0627

**Adopted**                \$ 21,800,000  
**Budget**  
**Unfunded Plan**     \$ -  
  
**New Funding**        \$ 10,150,000  
 (FY22)  
  
**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 2,000,000 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 5,861 committed connections in the Martinez IV System. Additionally, the River Authority contracted with Green Valley Special Utility District (GVSUD) to treat an additional 2,200 connections. This brings the plant to a current demand capacity of approximately 1,934,640 GPD, exceeding the permitted 250,000 GPD.

### Future Financial Impact

Immediate and interim fixes were designed and constructed to comply with the Texas Commission on Environmental Quality (TCEQ) permit in FY 2020-21. Additionally, the design for the WWTP expansion was completed and construction began. In FY 2021-22, construction will be ongoing at both the Martinez IV WWTP and Abbott Road Lift Station. At this time construction is anticipated to be complete in November 2022. The impact of the expansion on the operating budget is unknown at this time.

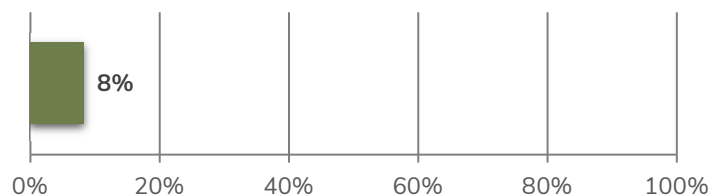
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 2022	2022/23	Succeeding from 2023	Total
Labor	49,174	75,826			125,000
Design	1,057,503	559,147	-	-	1,616,650
Construction	698,549	19,359,801	-	-	20,058,350
<b>Total</b>	<b>\$ 1,805,226</b>	<b>\$ 19,994,774</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 21,800,000</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



# Nueva Street Marina Dam Replacement

## Project #0629

Adopted Budget \$ 840,198

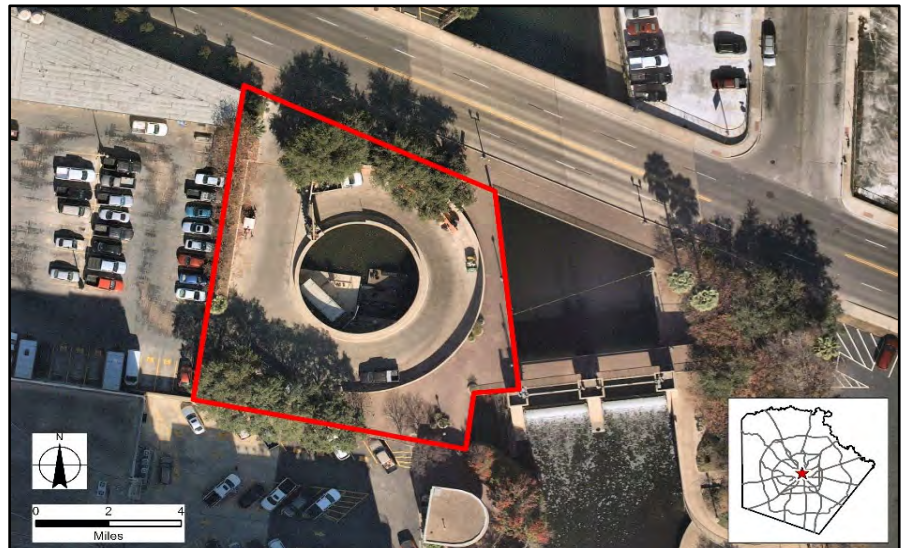
Unfunded Plan \$ -

New Funding \$ -  
(FY22)

Department Watershed  
Engineering

Start Date 8/21/2019

End Date 10/29/2021



### Goal



### 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 existing gate was installed in the mid-1980s with an expected serviceable life of 30 years. Given the expiration of useful life and after review of several options, an air-filled inflatable dam replacement was selected. The completed design included removal of the current Fabridam, site preparation, control room housing mechanical and electrical equipment, and inlet/outlet piping to an air-filled dam replacement in place of a water-filled dam.

### Future Financial Impact

In FY 2021-22, the water-inflated bladder dam will be replaced with an air-inflated dam. The construction and project management will be funded by the Center City Development & Operations (CCDO) and they will be responsible for operation and maintenance of the dam.

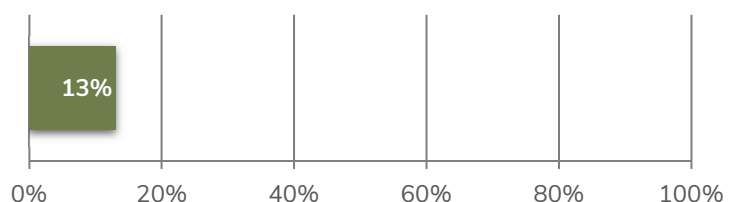
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Labor	6,628	32,886	-	-	39,514
PER	52,124	22,066	-	-	74,190
Design	51,233	98,126	-	-	149,359
Construction	-	577,135	-	-	577,135
<b>Total</b>	<b>\$ 109,985</b>	<b>\$ 730,213</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 840,198</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT





# Randolph Air Force Base Renewal & Replacement Program

## Project #9999

Adopted Budget  
Unfunded Plan

\$ 6,665,684  
\$ -

New Funding (FY22)

\$ 639,677

Department Utilities  
Start Date 7/1/2003  
End Date 7/1/2052

### Goal



### 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 2021-22, the River Authority will complete Year 19 (2022) projects. This includes the rehabilitation of over 5,500 linear feet of clay pipe by cast in place pipe (CIPP) method and 18 manholes by installing new rings and covers and spraying the interior of the manhole with epoxy coating or cementitious coating. Lift Station improvements will also be made which allows the River Authority to provide better service to RAFB. Operations and maintenance expenditures for these improvements are included in the FY 2021-22 Adopted Budget.

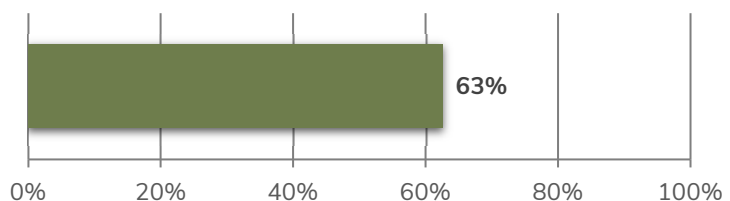
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Labor	244,897	-	-	-	244,897
Construction	3,929,382	2,491,405	-	-	6,420,787
<b>Total</b>	<b>\$ 4,174,279</b>	<b>\$ 2,491,405</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 6,665,684</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



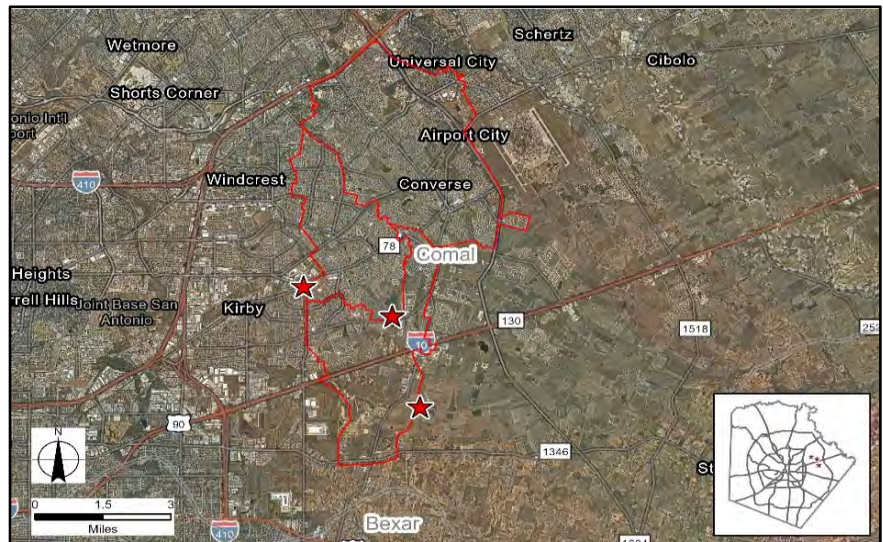
# SARA Wastewater Maintenance & Improvements

## Project #0647

Adopted Budget \$ 4,235,000  
Unfunded Plan \$ 350,000

New Funding \$ 2,975,000  
(FY22)

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, upgrade the plant water system, 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

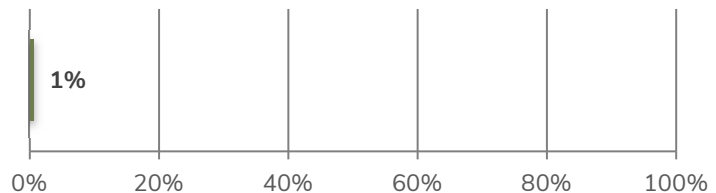
In FY 2020-21, the River Authority began the improvements at the Martinez II and Upper Martinez WWTPs. In FY 2021-22, the improvements at the WWTPs will continue. The design and permitting for the Foster Road Lift Station will be completed and construction will begin. These improvements will decrease future operation and maintenance activities in the SARA Wastewater system.

Spending Plan					
Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Design	25,943	300,000	-	-	325,943
Construction & Improvements	-	3,909,057	350,000	-	4,259,057
<b>Total</b>	<b>\$ 25,943</b>	<b>\$ 4,209,057</b>	<b>\$ 350,000</b>	<b>\$ -</b>	<b>\$ 4,585,000</b>

### PROJECT FUNDING SOURCES



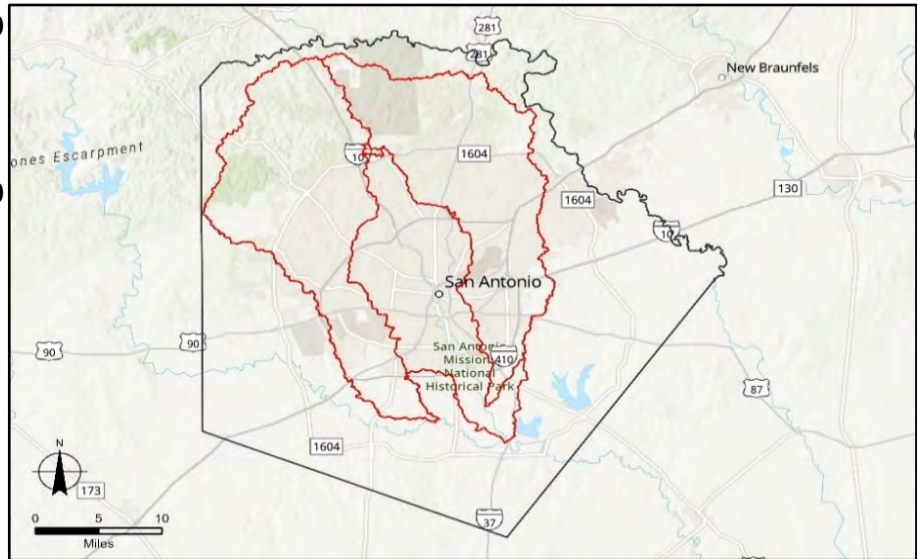
### PERCENTAGE SPENT



# Watershed Master Plans Integration

## Project# 0536

**Adopted Budget** \$ 1,365,000  
**Unfunded Plan** \$ -  
**New Funding (FY22)** \$ 500,000  
**Department** Watershed Engineering  
**Start Date** 6/22/2016  
**End Date** 6/30/2024



### Goal



### Description

This project will update the River Authority's existing water quality models and analysis in Bexar, Wilson, Karnes and Goliad counties and will inform the community on stormwater quality management. With updated models and maps, the River Authority is better equipped to advise stakeholders on where stormwater water quality improvement measures can be implemented. Additionally, this project will incorporate current and 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. Lastly, 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 2021-22, the priority sub-basins will be identified in the Leon Creek Watershed. In addition, the Salado Creek and Upper San Antonio River watershed models will be updated.

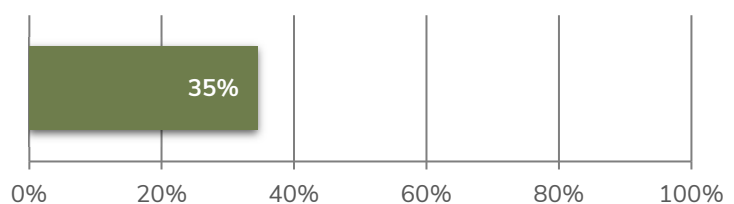
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Professional Services	471,694	893,306	-	-	1,365,000
<b>Total</b>	<b>\$ 471,694</b>	<b>\$ 893,306</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,365,000</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT

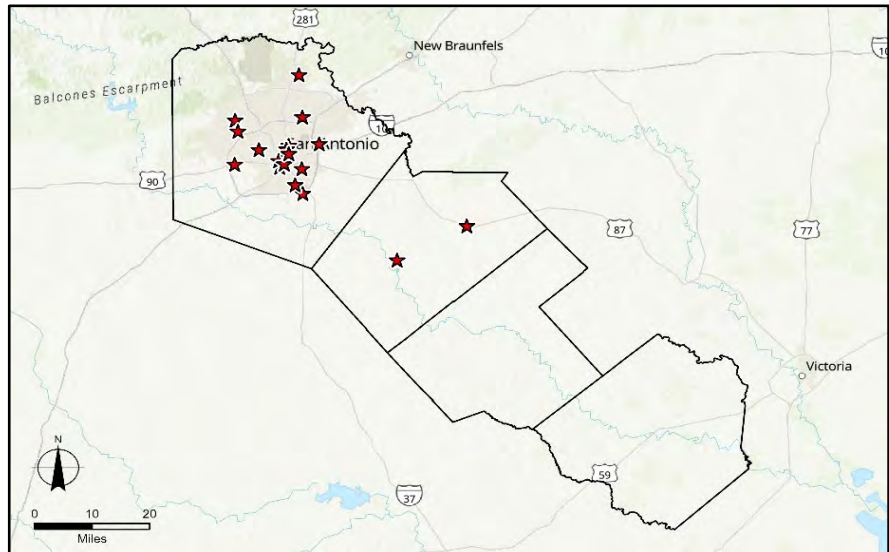




# Watershed Wise Rebate Program

## Project #0513

**Adopted**                \$    3,070,000  
**Budget**  
**Unfunded Plan**       \$               -  
  
**New Funding**        \$       300,000  
**(FY22)**  
  
**Department**        **Environmental**  
                                 **Sciences**  
**Start Date**           7/1/2015  
**End Date**            6/30/2022



### 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.

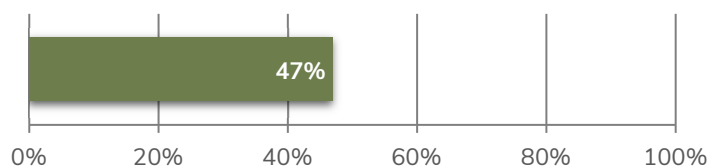
**Future Financial Impact**    For FY 2021-22, the River Authority will continue to promote the rebate program while evaluating and awarding rebates where GSI is incorporated in the design plans. Based on impact to creeks and rivers, the project budget will have specific percentages for different project types throughout the four counties served by the River Authority.

Spending Plan					
Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Construction	1,438,841	1,126,991	1,372	502,796	3,070,000
<b>Total</b>	<b>\$ 1,438,841</b>	<b>\$ 1,126,991</b>	<b>\$ 1,372</b>	<b>\$ 502,796</b>	<b>\$ 3,070,000</b>

### PROJECT FUNDING SOURCES

**SARA Project**  
**Fund**  
**100%**

### PERCENTAGE SPENT



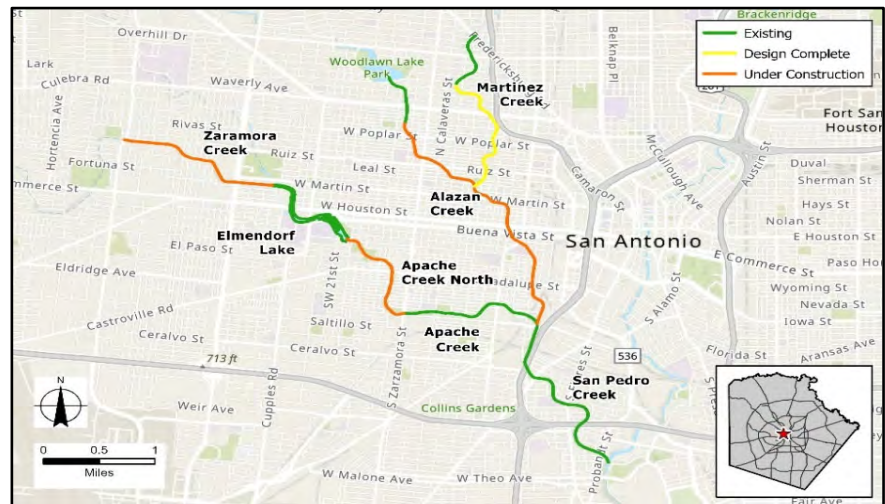


# WSC Linear Creekways and Elmendorf Lake Park

## Project #0380

**Adopted**                 \$   45,818,593  
**Budget**  
**Unfunded Plan**       \$                 -  
  
**New Funding**         \$       291,326  
**(FY22)**  
**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, Zarzamora, Martinez, Apache, and San Pedro Creeks.

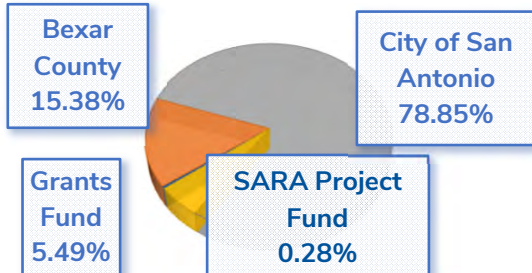
### Future Financial Impact

In FY 2021-22, construction of the Zarzamora Creek Trail and Alazan and Apache Creek North Trails will be completed. 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.

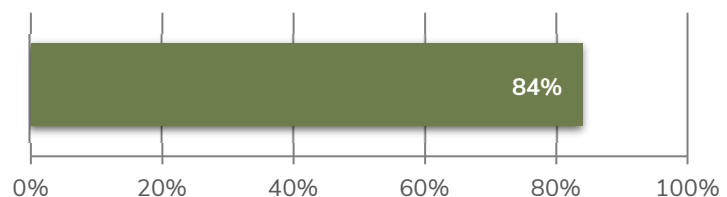
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Design	6,309,081	285,088	-	-	6,594,169
Construction	30,445,099	6,587,224	-	-	37,032,323
ROW Acquisition	204,346	-	-	-	204,346
Public Outreach	36,861	17,407	-	-	54,268
Project Management	1,458,531	474,956	-	-	1,933,487
<b>Total</b>	<b>\$ 38,453,918</b>	<b>\$ 7,364,675</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 45,818,593</b>

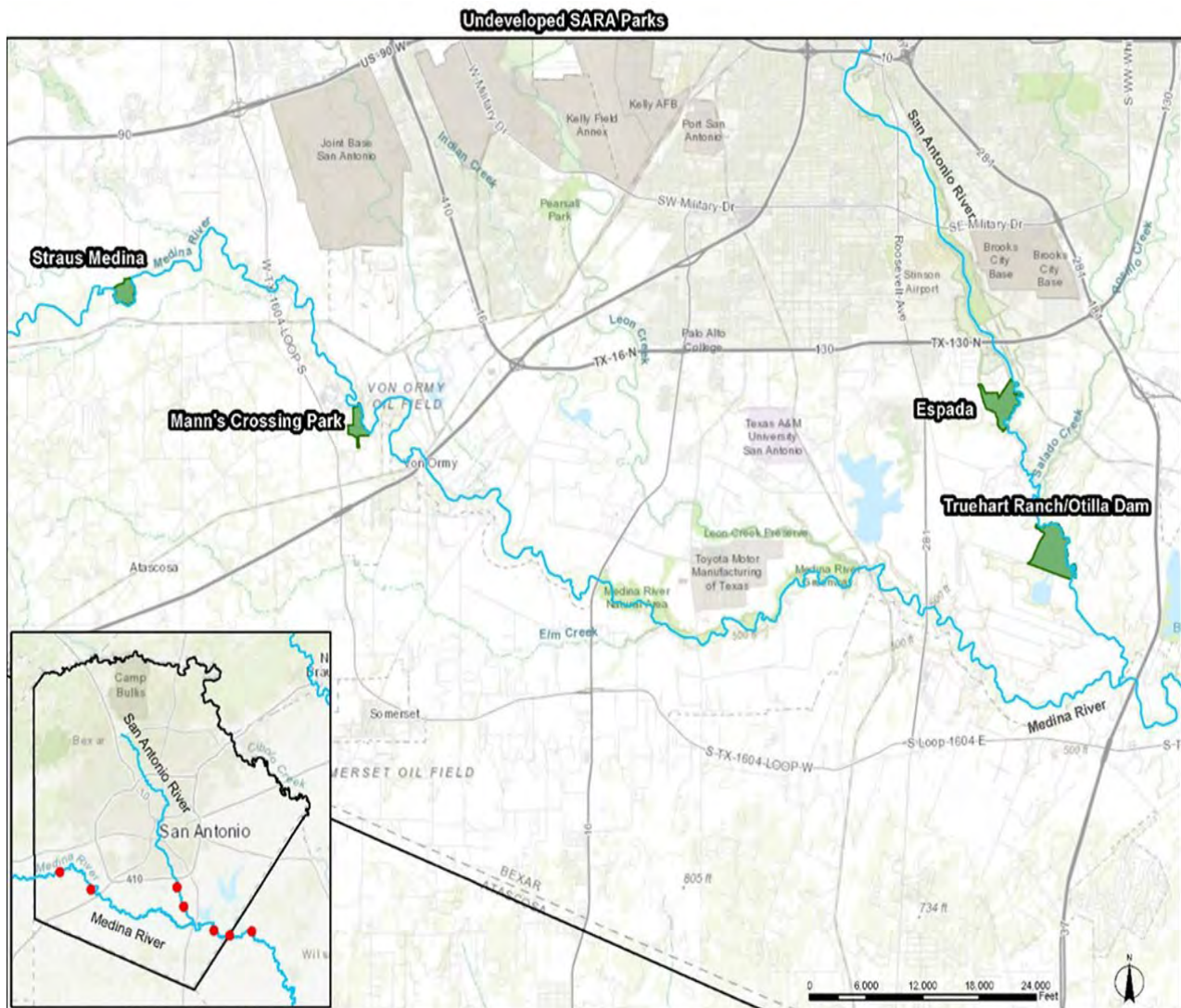
### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



## AUTHORIZED PROJECTS



**Project Highlight: Nature Based Parks Master Planning** – In FY 2021-22, the River Authority will develop ideas for park development and programming and stakeholder engagement. The goal is to create a long-term plan for development of Mann’s Crossing Park on the Medina River, Hendrick Arnold Park (Straus Medna), and Trueheart Ranch.

# Brackenridge Park

## Project #0651

Adopted Budget  
Unfunded Plan

\$ 75,000  
\$ -

New Funding (FY22)

\$ -

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 the cultural and historical features.

### Future Financial Impact

In FY 2021-22, 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.

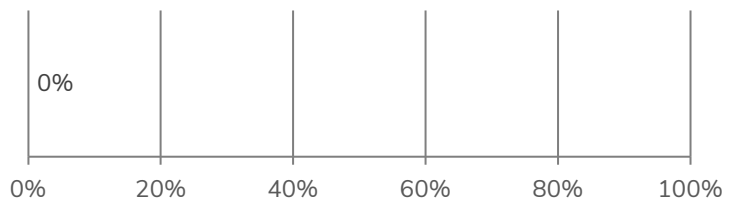
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Professional Service	-	74,500	-	-	74,500
Other	-	500	-	-	500
<b>Total</b>	<b>\$ -</b>	<b>\$ 75,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 75,000</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT





# Brooks City Base - Mission Reach Linkage

## Project #0525

Adopted Budget \$ 1,664,998

Unfunded Plan \$ -

New Funding \$ -  
(FY22)

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 Juan Acequia. The connection will include pavement markings and signage at street level to signify the crossing.

### Future Financial Impact

In FY 2020-21, the trail will be complete. Upon completion, the River Authority will be responsible for operations and maintenance of the trail connection.

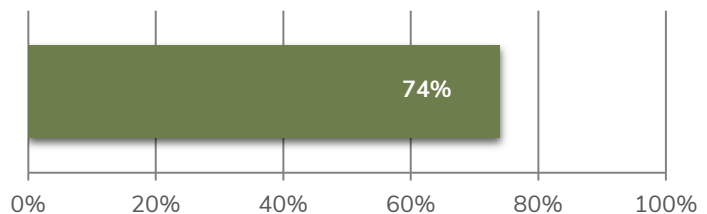
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Design	132,777	1,237	-	-	134,014
Construction	1,097,944	432,492	-	-	1,530,437
ROW Acquisition	548	-	-	-	548
Public Outreach	-	-	-	-	-
<b>Total</b>	<b>\$ 1,231,269</b>	<b>\$ 433,729</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,664,998</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



# CTP Risk Map Cibolo Creek

## Project #0472

Adopted Budget \$ 600,000

Unfunded Plan \$ -

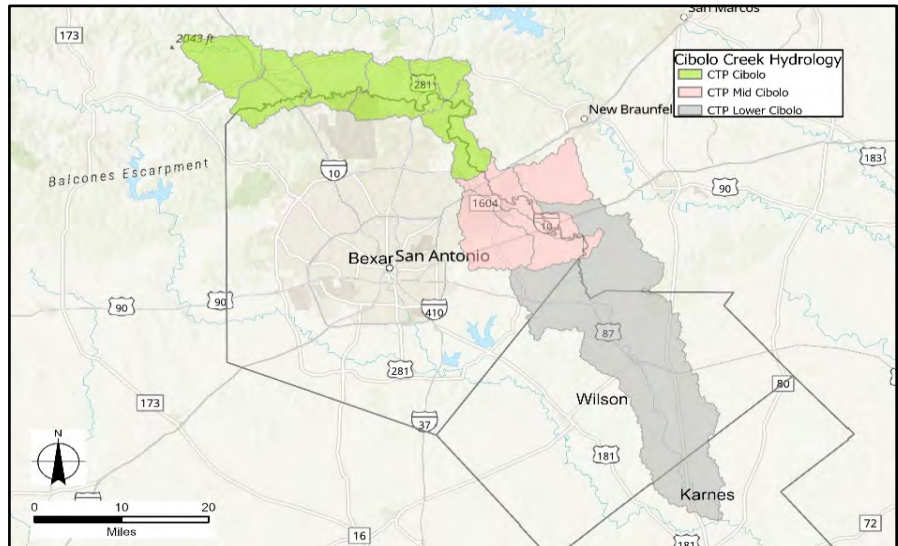
New Funding \$ -  
(FY22)

Department Watershed  
Engineering

Start Date 1/1/2015

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. 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 2021-22, 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.

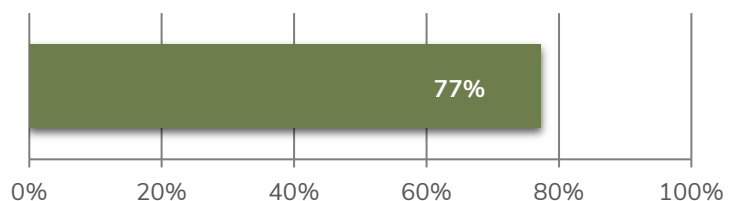
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Labor	83,578	11,952	-	-	95,530
Professional Service	380,179	124,291	-	-	504,470
<b>Total</b>	<b>\$ 463,757</b>	<b>\$ 136,243</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 600,000</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



# CTP Risk Map Cibolo Creek - Phase 2

## Project #0620

Adopted Budget \$ 307,194

Unfunded Plan \$ -

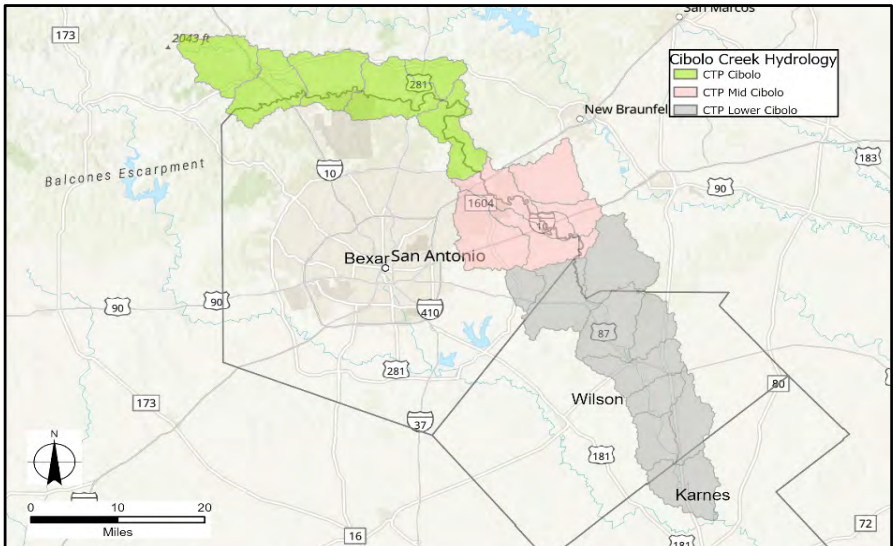
New Funding (FY21) \$ -

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 2021-22, the project will complete the preparation of hydrology and hydraulic models to prepare Floodplain Mapping and development of Flood Risk Products. Coordination activities will be managed by the River Authority staff and technical task by professional services. These updated flood maps will be bases on the latest rainfall intensity data associated with the National Oceanic and Atmospheric Administration release of Atlas 14.

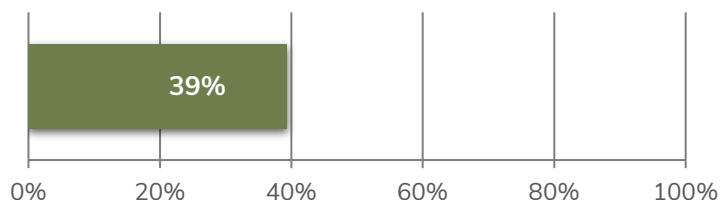
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Labor	8,077	6,833	-		14,910
Professional Services	112,649	179,635	-		292,284
<b>Total</b>	<b>\$ 120,726</b>	<b>\$ 186,468</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 307,194</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



# CTP RiskMAP Lower San Antonio River

## Project #0520

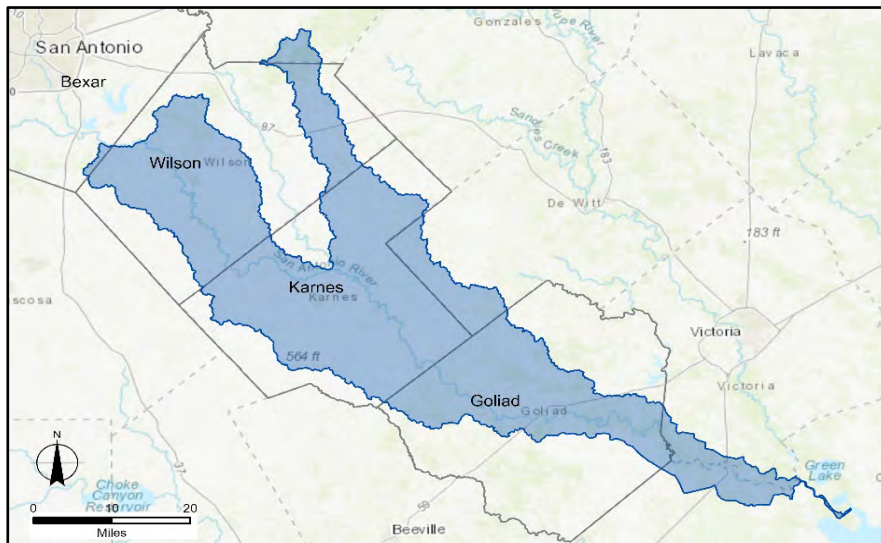
Adopted Budget \$ 617,000  
Unfunded Plan \$ -

New Funding (FY22) \$ -

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 2021-22, the project will be completed and technical data will be delivered to FEMA. 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.

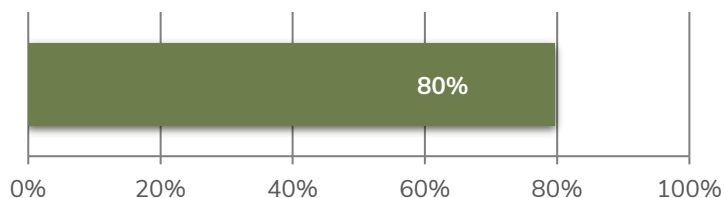
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Labor	85,213	45,581			130,794
Professional Service	405,937	80,269			486,206
<b>Total</b>	<b>\$ 491,150</b>	<b>\$ 125,850</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 617,000</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT





# CTP Risk Map Upper Medina River Watershed - Phase 2

## Project #0597

Adopted Budget \$ 205,000

Unfunded Plan \$ -

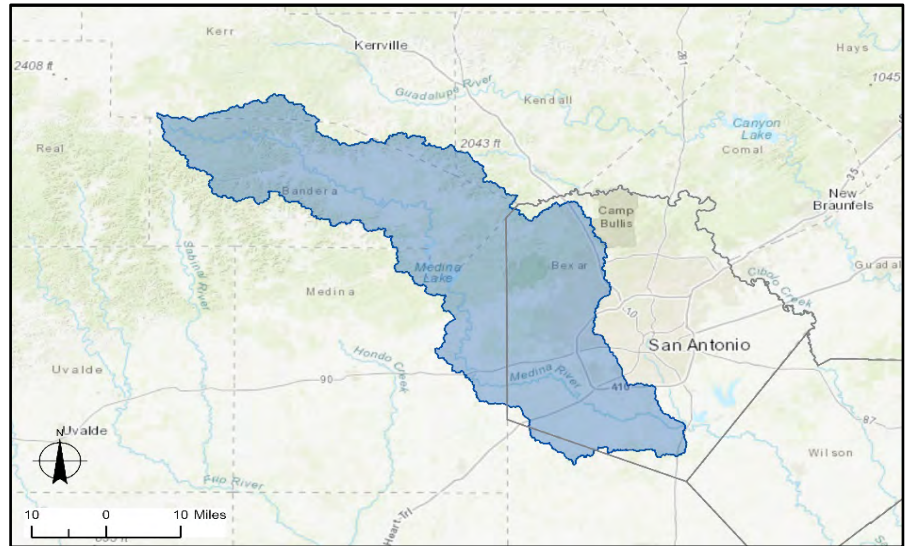
New Funding \$ -  
(FY22)

Department Watershed  
Engineering

Start Date 10/1/2017

End Date 9/30/2021

### 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 2021-22, the project will complete development of hydraulic data, production 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 will be based on the latest rainfall intensity data associated with the National Oceanic and Atmospheric Administration release of Atlas 14.

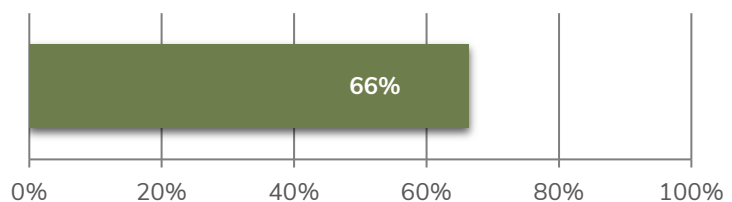
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Labor	17,964	14,818			32,782
Professional Service	118,267	53,951			172,218
<b>Total</b>	<b>\$ 136,231</b>	<b>\$ 68,769</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 205,000</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



# CTP Risk Map Upper San Antonio River - FY19

## Project #0631

Adopted Budget \$ 1,005,400

Unfunded Plan \$ -

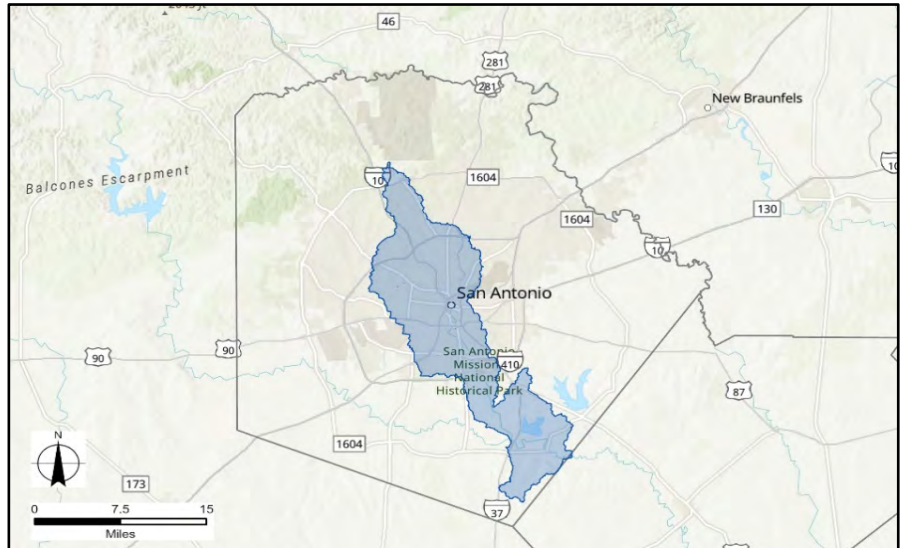
New Funding \$ -  
(FY22)

Department Watershed  
Engineering

Start Date 10/1/2019

End Date 9/30/2022

### Goal



### 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 2021-22, the project will complete development of hydraulic data, production 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 will be based on the latest rainfall intensity data associated with the National Oceanic and Atmospheric Administration release of Atlas 14.

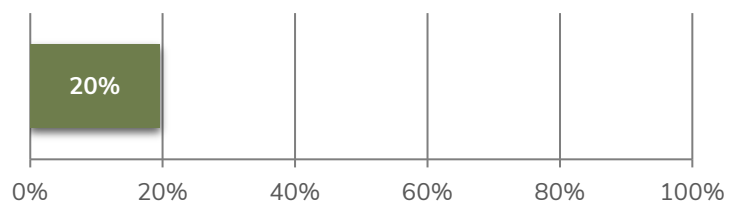
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Labor	11,295	16,970	15,691		43,955
Professional Service	185,417	718,562	57,465		961,445
<b>Total</b>	<b>\$ 196,712</b>	<b>\$ 735,532</b>	<b>\$ 73,156</b>	<b>\$ -</b>	<b>\$ 1,005,400</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



# CTP Risk Map Lower Cibolo and Medina

Project # 0652/0653

Adopted Budget \$ 1,430,000

Unfunded Plan \$ -

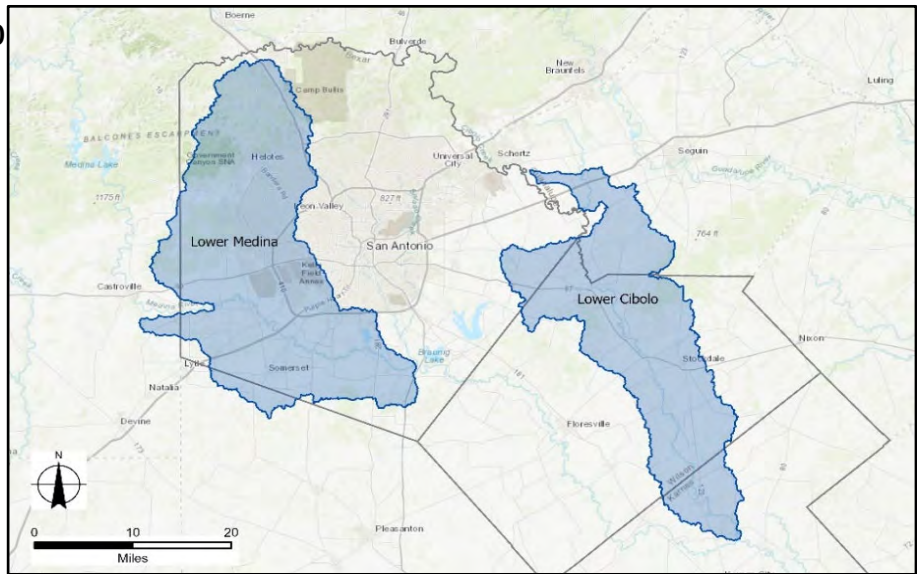
New Funding \$ -  
(FY22)

Department Watershed  
Engineering

Start Date 10/1/2020

End Date 9/30/2023

Goal



## Description

This project focuses on flood data, including flood risk identification and assessment activities within the Lower Cibolo Watershed and Lower Medina Watershed. This project will cover streams within the lower portion of the Medina Watershed and lower portion of the Cibolo Watershed. These activities include floodplain mapping, report generation, and producing a database of streams studied under FEMA's Mapping Activity Statement No. 21. The objective is to develop and support flood hazard data and program-related tasks through completing technical risk analysis and mapping activities within these 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 2021-22, the project will complete the Survey Data Capture, Development of Hydrology, and Topographic Data tasks. In addition, Hydraulic models, Floodplain Mapping and development of Flood Risk Products tasks will be initiated. Coordination activities will be managed by the River Authority staff and technical task by professional services. These updated flood maps will be based on the latest rainfall intensity data associated with the National Oceanic and Atmospheric Administration release of Atlas 14.

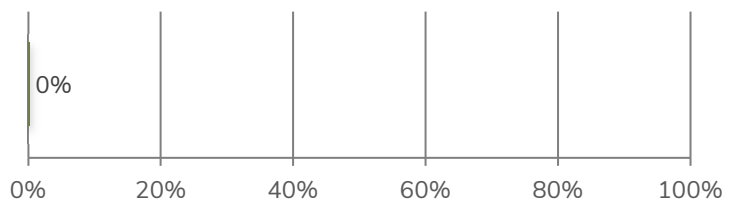
## Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Labor	7,295	63,522	55,028	-	125,845
Professional Service	-	1,053,860	250,295	-	1,304,155
<b>Total</b>	<b>\$ 7,295</b>	<b>\$ 1,117,382</b>	<b>\$ 305,323</b>	<b>\$ -</b>	<b>\$ 1,430,000</b>

## PROJECT FUNDING SOURCES



## PERCENTAGE SPENT



# Edwards Aquifer Watershed Protection

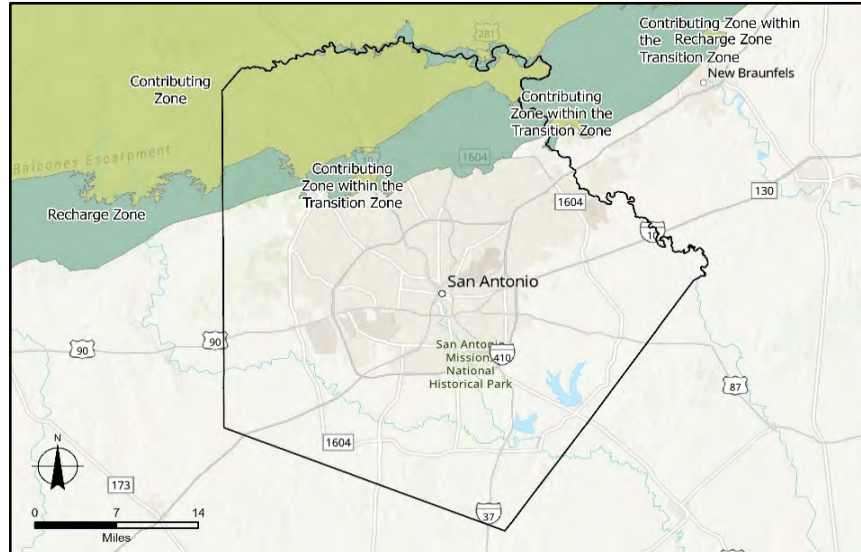
## Project# 0512

Adopted Budget \$ 550,712  
Unfunded Plan

New Funding  
(FY22)

Department Environmental Sciences  
Start Date 7/1/2015  
End Date 3/31/2025

Goal



### Description

The River Authority serves as project manager and administrator for the City of San Antonio Proposition 1 water quality projects component of the Edwards Aquifer Protection Program (EAPP). Funding supports individual water quality projects to improve and protect water quality over the Edwards Aquifer recharge and contributing zones in urbanized Bexar County. The diverse projects include research, data collection and assessment, modeling, construction of green infrastructure, property retrofits to add green infrastructure, development of aquifer protection training and education materials, and construction of a living laboratory facility designed with green infrastructure, to be used to teach K-12 students about Edwards Aquifer function and protection. Projects will be completed on a staggered schedule through late 2024, and the River Authority will complete its final report to City Council in early 2025.

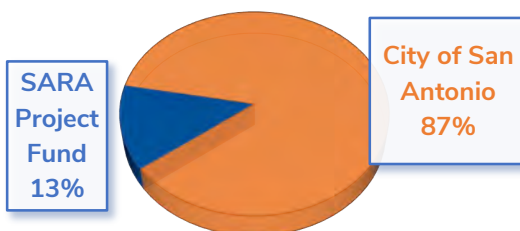
### Future Financial Impact

In FY 2021-22, the River Authority will continue to monitor funded projects' adherence to their scope, schedule, and budget. The River Authority also will oversee procurement and the work of a consultant to create final report chapters for each project completed to date, followed by report chapters for remaining projects as they close. The City of San Antonio is responsible for any future operations and maintenance costs.

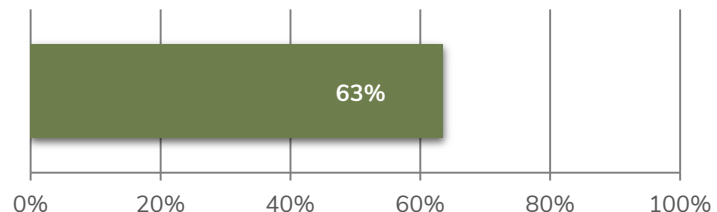
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Labor	227,748	70,641	63,500	44,911	406,800
Professional Service	119,435	3,666	5,499		128,600
Other	2,402	12,909			15,311
<b>Total</b>	<b>\$ 349,586</b>	<b>\$ 87,217</b>	<b>\$ 68,999</b>	<b>\$ 44,911</b>	<b>\$ 550,712</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT





# Espada Park

## Project #0622

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

New Funding \$ -  
(FY22)

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 2021-22, 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 will be the River Authority's responsibility.

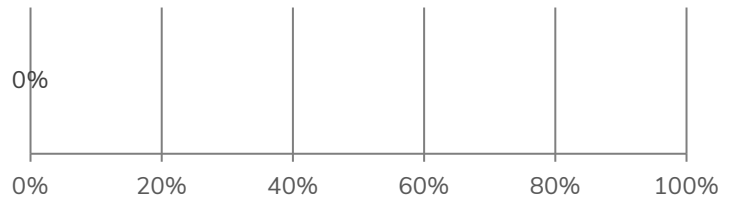
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Design	-	150,000	-	-	150,000
<b>Total</b>	<b>\$ -</b>	<b>\$ 150,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 150,000</b>

### PROJECT FUNDING SOURCES



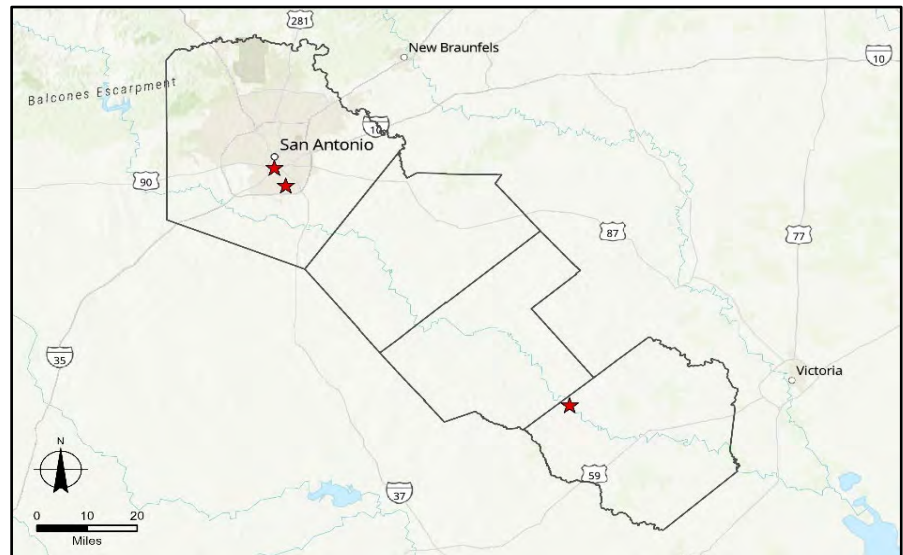
### PERCENTAGE SPENT



# Freshwater Mussel Propagation

## Project #0608

**Adopted Budget \$** 290,453  
**Unfunded Plan \$** -  
  
**New Funding \$** -  
**(FY22)**  
  
**Department** Environmental Sciences  
**Start Date** 7/1/2018  
**End Date** 12/31/2021



### 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 2021-22, River Authority staff will begin habitat suitability modeling and initiate development of the Genetic Management Plan, both products will be critical for the reintroduction project scheduled.

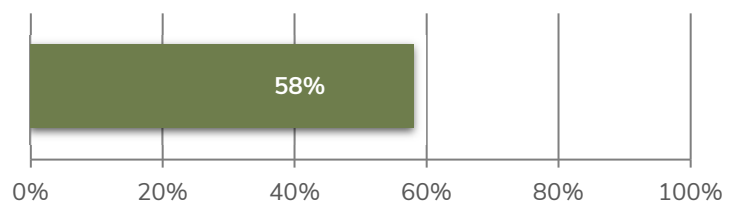
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Contracted Service	168,710	121,743	-	-	290,453
<b>Total \$</b>	<b>\$ 168,710</b>	<b>\$ 121,743</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 290,453</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT





# Government Canyon Stream Restoration

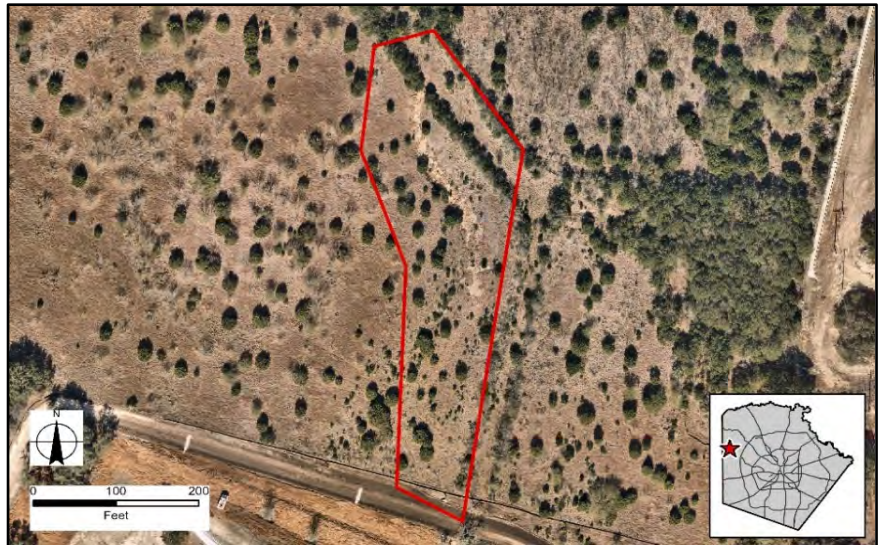
Project # 0657

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

New Funding \$ -  
(FY22)

Department Watershed  
Engineering  
Start Date 6/4/2019  
End Date 9/30/2021

## Goal



## Description

A detailed design plan for restoration of 375 linear feet of stream and 1.8 acres of riparian corridor has been developed for a stream located within Government Canyon. The goal is to stabilize the banks through limited channel construction and reestablishment of the riparian buffer. A contractor will be responsible for constructing a log roller structure to restore the headcut, channel grading, planting native seeds and ensuring their growth.

## Future Financial Impact

In FY 2021-22, the stream restoration project will be constructed with funds received from Bexar County. The construction and project management is funded by Bexar County and the Texas Parks and Wildlife Department will be responsible for operations and maintenance.

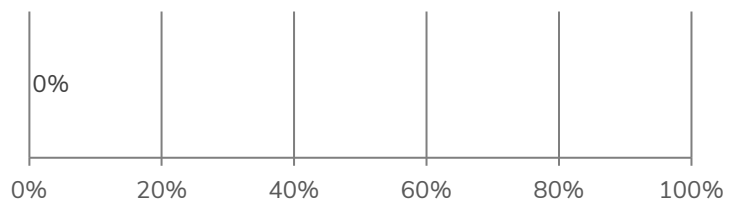
## Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Construction	-	100,000	-	-	100,000
<b>Total</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,000</b>

## PROJECT FUNDING SOURCES



## PERCENTAGE SPENT



# Green Stormwater Infrastructure Master Plan: Upper SAR Watershed

## Project# 0601

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

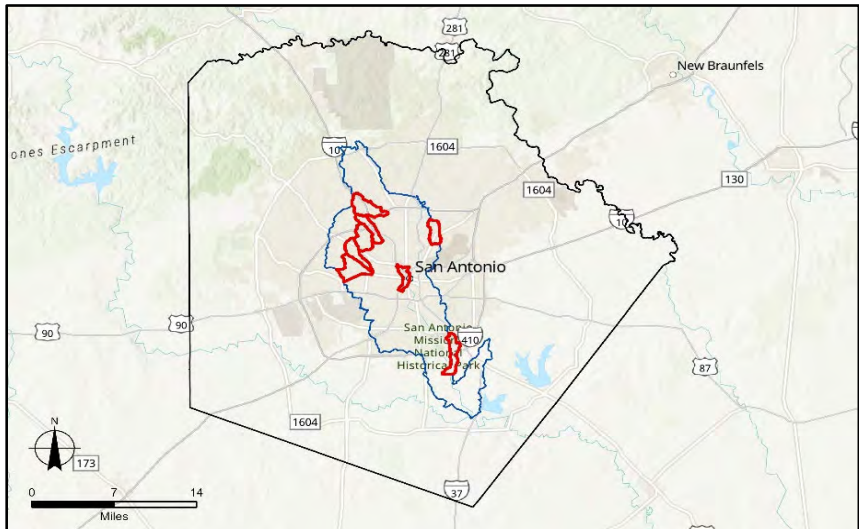
New Funding \$ -  
(FY22)

Department Environmental  
Sciences

Start Date 8/1/2018

End Date 8/31/2021

### Goal



### 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 2021-22, the project will finalize the eight GSI modelled site's triple bottom line analysis and concept designs for stakeholder feedback and reporting. River Authority staff time serves as the grant match for this project.

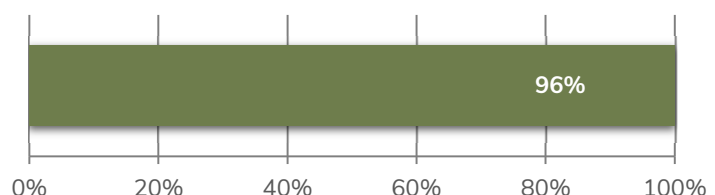
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Professional Service	161,358	7,176	-	-	168,534
<b>Total</b>	<b>\$ 161,358</b>	<b>\$ 7,176</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 168,534</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



# Helton Boat Ramp

## Project #0648

Adopted Budget \$ 85,000  
 Unfunded Plan \$ -  
 New Funding \$ -  
 (FY22)

Department Watershed &  
 Park Operations  
 Start Date 7/1/2020  
 End Date 9/30/2021

### 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 2021-22, 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.

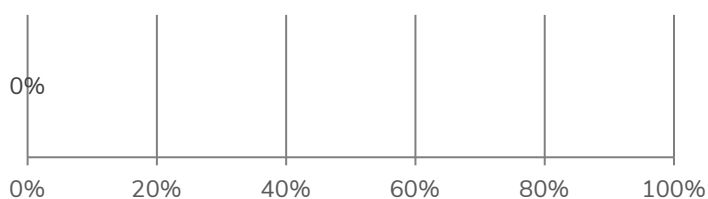
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Construction	-	85,000	-	-	85,000
<b>Total</b>	<b>\$ -</b>	<b>\$ 85,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 85,000</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT





# Huebner Creek Flood Remediation & Aquatic Ecosystem Restoration

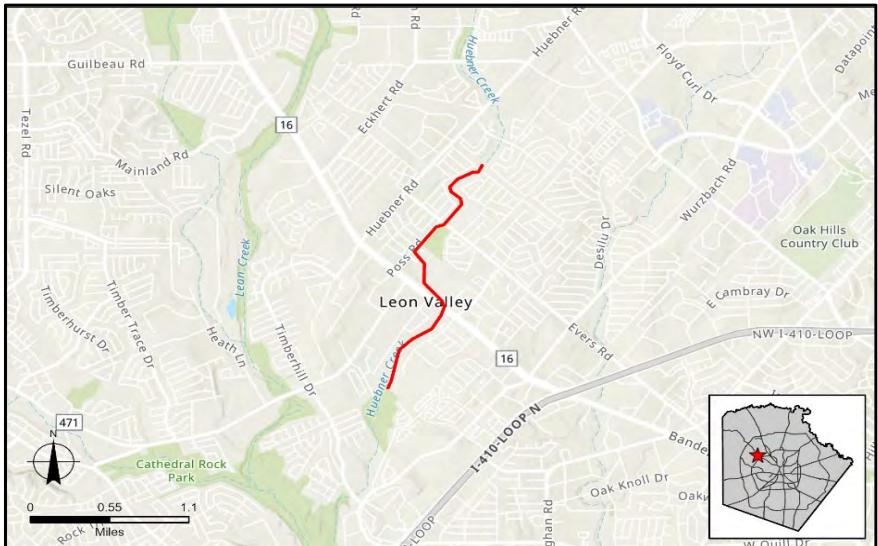
Project# 0609

Adopted Budget \$ 280,000  
Unfunded Plan \$ -

New Funding \$ -  
(FY22)

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.

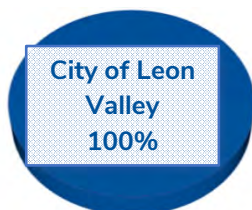
## Future Financial Impact

In FY 2021-22, the USACE team will be finalizing their report on the preliminary analysis of the Huebner Creek Channel Flood Remediation and Aquatic Ecological Restoration project. The report will summarize all the data collected and the analysis results.

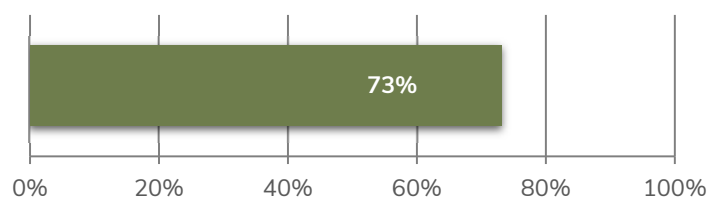
## Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Feasibility Study	205,000	75,000	-	-	280,000
<b>Total</b>	<b>\$ 205,000</b>	<b>\$ 75,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 280,000</b>

## PROJECT FUNDING SOURCES



## PERCENTAGE SPENT



# Impervious Cover Mitigation

Project# 0564

Adopted Budget \$ 906,175

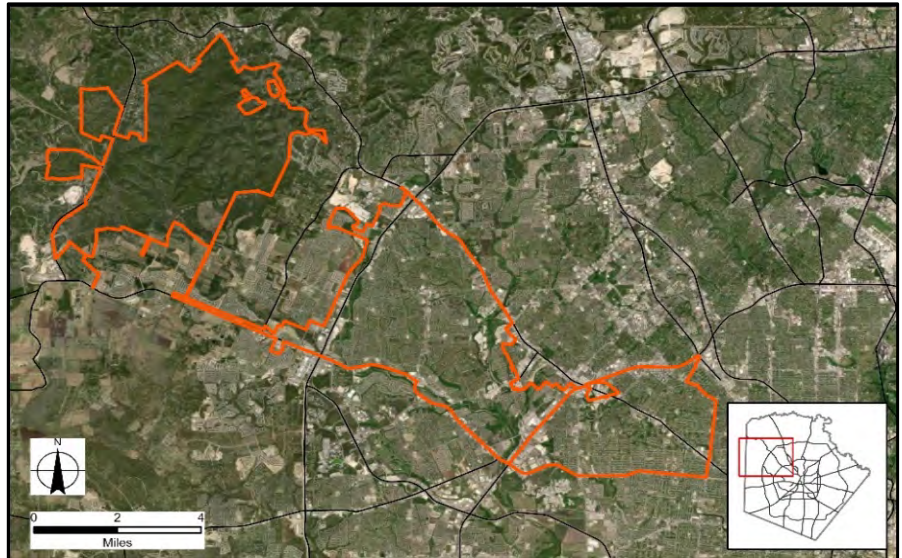
Unfunded Plan \$ 222,450

New Funding \$ -  
(FY22)

Department Environmental  
Sciences

Start Date 11/15/2016

End Date 9/30/2024



## 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 2021-22, this project will provide mitigation recommendations and associated triple bottom line analysis to the sub-area planning teams and CoSA Planning Department.

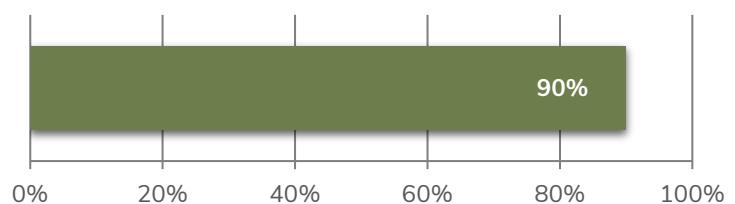
## Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Professional Service	878,664	27,511	222,450	-	1,128,625
<b>Total</b>	<b>\$ 878,664</b>	<b>\$ 27,511</b>	<b>\$ 222,450</b>	<b>\$ -</b>	<b>\$ 1,128,625</b>

## PROJECT FUNDING SOURCES



## PERCENTAGE SPENT



# Karnes County Flood Protection Study

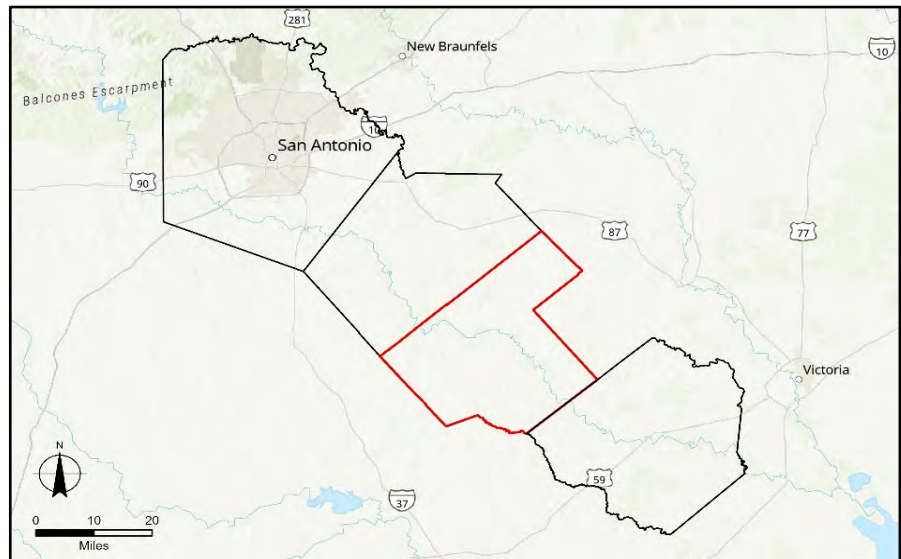
Project # 0658

Adopted Budget \$ 74,250  
Unfunded Plan \$ -

New Funding \$ -  
(FY22)

Department Watershed Engineering  
Start Date 3/1/2021  
End Date 8/25/2022

Goal



## Description

All hydrologic and hydraulic analyses will be performed using best available data including NOAA Atlas 14 precipitation data, 2018 South Texas LiDAR, 2013 Karnes County LiDAR, and will build upon and compliment ongoing and previous modeling efforts within the County, the Lower San Antonio River (LSAR) Risk MAP Project, and other studies. The primary proposed study area includes more than 500 square miles and 140 stream miles including Escondido, Ojo de Aqua, and Hondo Creeks within the Ecletto Creek HUC10, and Marcelinas Creek and selected tributaries within the Marcelinas Creek-San Antonio River HUC10. Karnes County will serve as the primary project sponsor with participation from the cities of Kenedy, Karnes City, Falls City, and Runge, as well as the River Authority. The study includes various engineering, environmental, and field surveying services.

## Future Financial Impact

In FY 2021-22, the River Authority will contribute hydrologic and hydraulic modeling data and funding for the identification of flood problem areas and support the evaluation of flood mitigation alternatives.

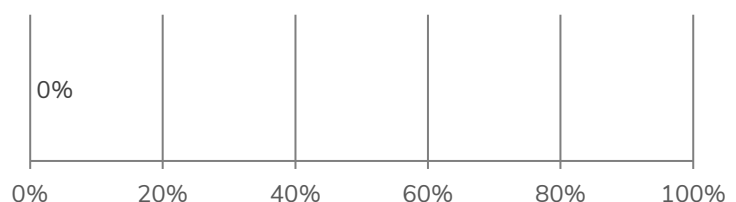
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Intergovernmental					
Contracts	-	74,250	-	-	74,250
<b>Total \$</b>	<b>-</b>	<b>\$ 74,250</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 74,250</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT





# Kenedy Operations Center

## Project #0623

Adopted Budget \$ 130,000

Unfunded Plan \$ -

New Funding \$ -  
(FY22)

Department Watershed &  
Park Operations

Start Date 9/2/2019

End Date 6/30/2021

Goal



### Description

Escondido Creek Parkway was opened to the public in FY 2020-21. The River Authority subsequently began 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.

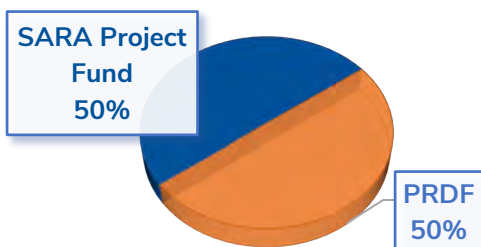
### Future Financial Impact

In FY 2020-21, the River Authority worked with contractors to expand and upgrade the Kenedy shop and office building for the three positions hired to operate and maintain the park. Operations and maintenance expenditures are included in the FY 2021-22 Adopted Budget.

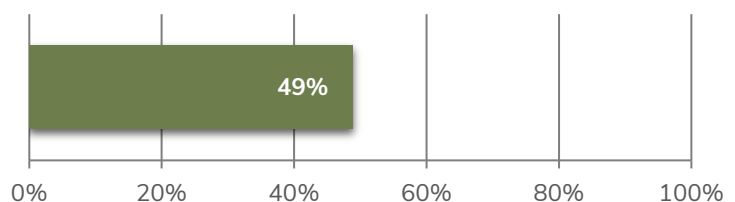
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Contracted Service	63,589	66,411	-	-	130,000
<b>Total</b>	<b>\$ 63,589</b>	<b>\$ 66,411</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 130,000</b>

#### PROJECT FUNDING SOURCES



#### PERCENTAGE SPENT



# Lucity Implementation and Asset Management

## Project #0624

Adopted Budget \$ 100,000

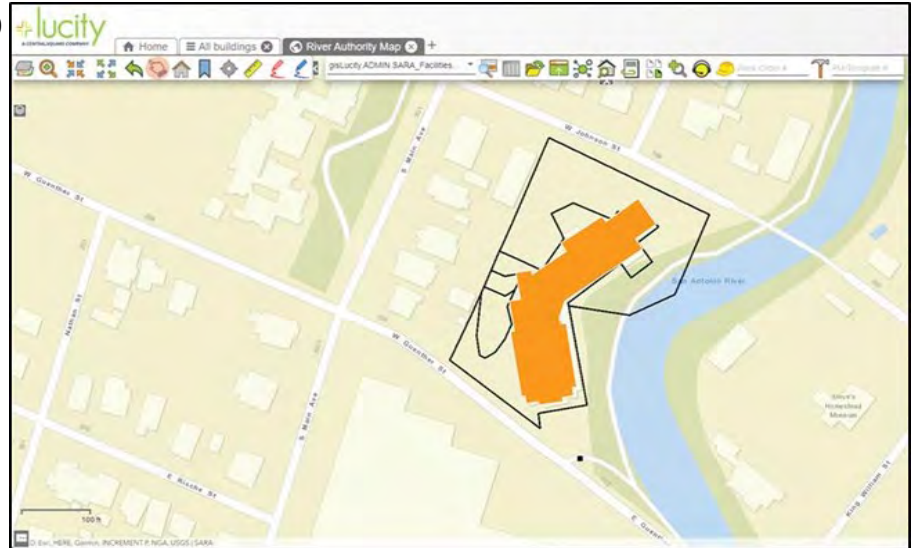
Unfunded Plan \$ -

New Funding \$ -  
(FY22)

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 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 FY 2020-21, the River Authority will finalize the implementation of the asset management system and build business processes to improve the management of fixed and controlled assets. The project will close and transition into department efforts at the end of the fiscal year. The River Authority will be responsible for all operation and maintenance including vendor support and licensing fees.

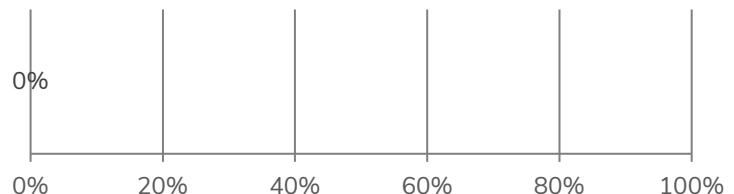
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Contracted Service	-	100,000	-	-	100,000
<b>Total</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,000</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



# Martinez IV Collection System CIP

## Project #0611

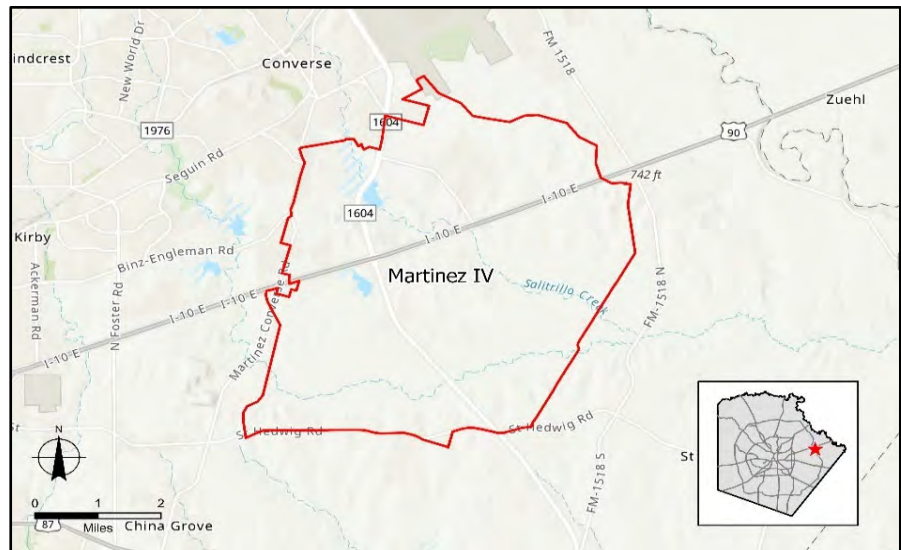
Adopted Budget \$ 2,905,000

Unfunded Plan \$ -

New Funding \$ -  
(FY22)

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.sariverauthority.org/public-services/utilities/wastewater-treatment-plants/martinez-iv-wastewater-treatment-plant>.

### Future Financial Impact

In FY 2021-22, the remaining portion of Project 2 of the Martinez IV Service Area Master Plan will be completed. This project involves the installation of 3,869 linear feet of 12 and 15 inch PVC pipe and 15 manholes. Project 2 is funded by developers and the River Authority is paying to upsize the line from an 8 inch pipe to a 12 and 15 inch pipe as per the Martinez IV Service Area Master Plan. Additionally, design of Project 29 of the Master Plan will begin in FY 2021-22 and will be shown as a separate project. As development in the area occurs staff will work with developers on the design and construction of the collection system.

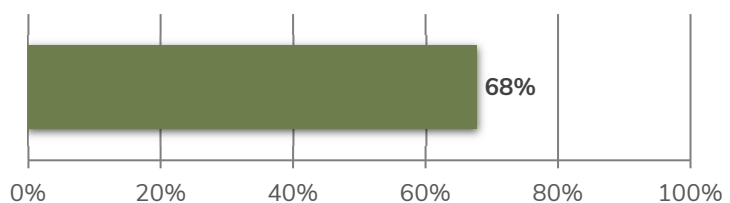
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Labor	54,692	41,653	-	-	96,345
Design	41,282	24,534	-	-	65,816
Construction	1,866,298	868,852	-	-	2,735,150
Contracted Service	3,012	-	-	-	3,012
ROW Acquisition	4,678	-	-	-	4,678
<b>Total</b>	<b>\$ 1,969,961</b>	<b>\$ 935,039</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,905,000</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



# Mid and Lower Cibolo Creek

## Project# 0532

Adopted Budget \$ 163,680

Unfunded Plan \$ -

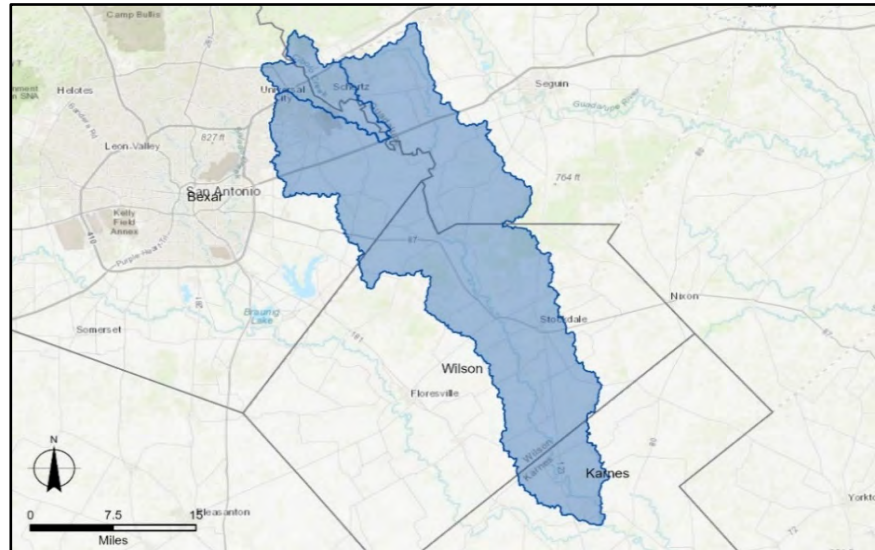
New Funding (FY21) \$ -

Department Environmental Sciences

Start Date 7/1/2016

End Date 6/30/2021

### 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 sub-award agreements with Texas A&M AgriLife Extension Service and Texas A&M AgriLife Research. The prior award ended October 31, 2018 and the current award will end April 30, 2021.

### Future Financial Impact

In FY 2021-22, 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, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Labor	86,166	10,031	-	-	96,197
Laboratory Services	14,119	6,609	-	-	20,728
Professional Services	6,161	8,023	-	-	14,184
Other	31,040	1,531	-	-	32,571
<b>Total</b>	<b>\$ 137,486</b>	<b>\$ 26,194</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 163,680</b>

<p>PROJECT FUNDING SOURCES</p>	<p>PERCENTAGE SPENT</p>
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# Mission Reach

## Project #0136

Adopted Budget \$ 255,548,458

Unfunded Plan \$ -

New Funding \$ -  
(FY21)

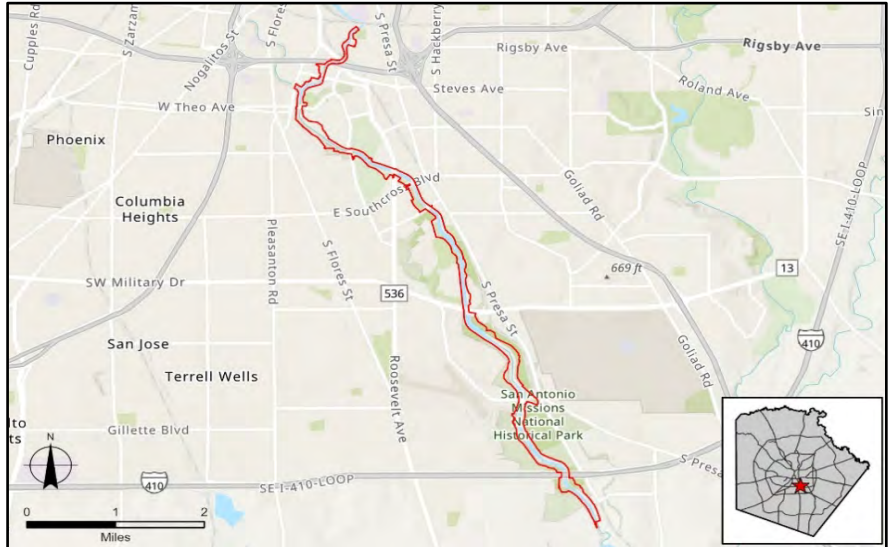
Department Watershed  
Engineering

Start Date 1/1/1998

End Date 6/30/2021



Goal



### 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.

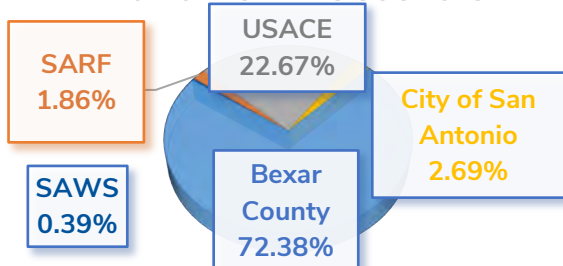
### Future Financial Impact

In FY 2020-21, the project team completed the land exchange with National Park Service and the floodplain map revision. Operations and maintenance costs for this project are included in the FY 2021-22 Adopted Budget under the Watershed and Park Operations department.

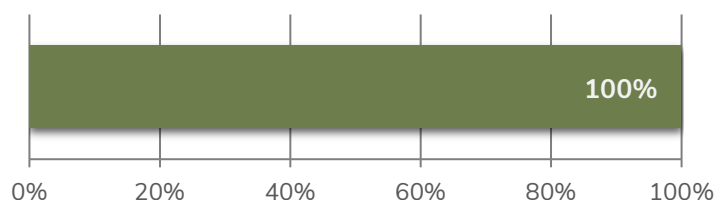
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2020 to June 30, 2022	2022-23	Succeeding from 2023	Total
Pre-Design	2,183,170	-	-	-	2,183,170
Design	28,300,366	-	-	-	28,300,366
Construction	214,145,134	28,445	-	-	214,173,579
ROW Acquisition	10,891,343	-	-	-	10,891,343
<b>Total</b>	<b>\$ 255,520,013</b>	<b>\$ 28,445</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 255,548,458</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



# Mission Reach Erosion Repairs

## Project #0528

Adopted Budget \$ 2,856,447

Unfunded Plan \$ -

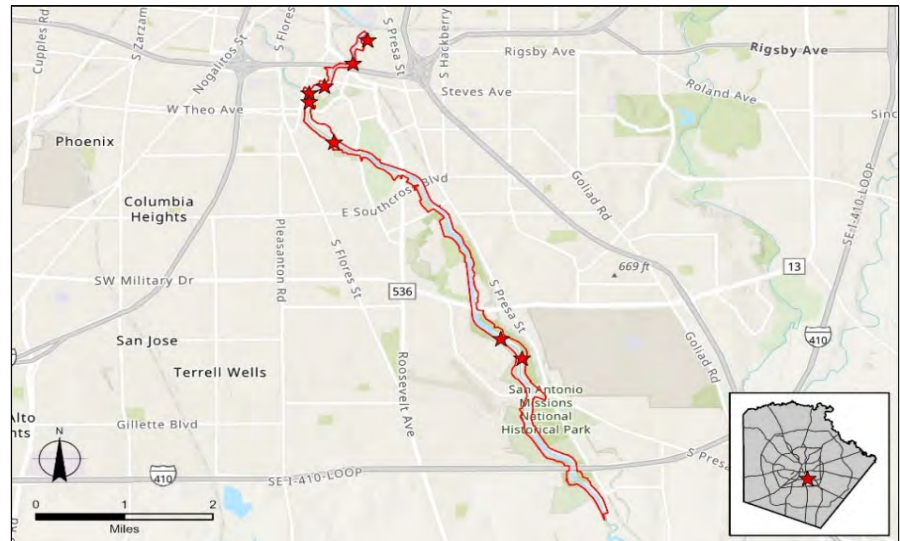
New Funding \$ -  
(FY22)

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

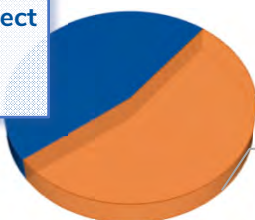
In FY 2021-22, an area of bank erosion near Pedestrian Bridge 5 will be repaired using internal resources. Future erosion repairs may include Pedestrian Bridge 2, the east bank of the San Antonio River near Roosevelt Blvd, and CPS Bridge. In addition, a gravity line will be installed at the San Juan Acequia which will divert water to the San Antonio River. Additional erosion repair(s) may be identified following flooding events. Operations and maintenance expenditures are included in the FY 2021-22 Adopted Budget.

### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Design	96,603	126,225	-	-	222,829
Construction	2,272,609	361,009	-	-	2,633,618
<b>Total</b>	<b>\$ 2,369,212</b>	<b>\$ 487,235</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,856,447</b>

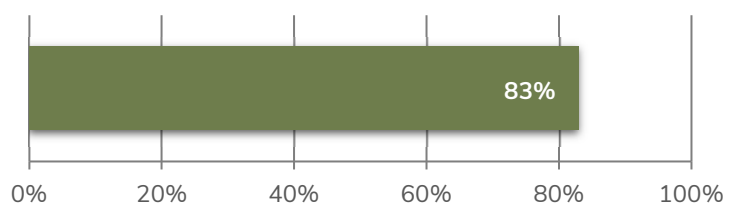
### PROJECT FUNDING SOURCES

SARA Project  
Fund  
46%



Bexar  
County  
54%

### PERCENTAGE SPENT





# Museum Reach Electrical Infrastructure Upgrade

## Project # 0643

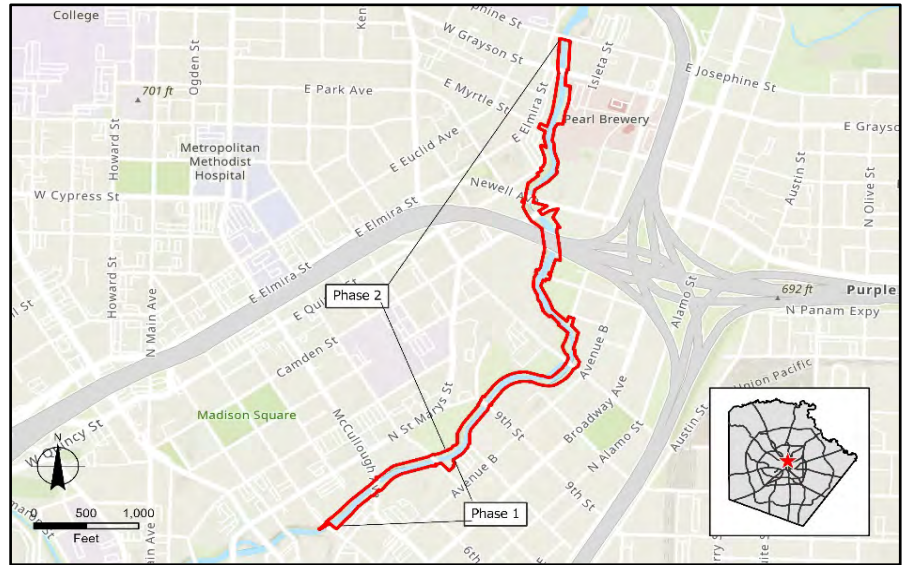
Adopted Budget \$ 400,000

Unfunded Plan \$ -

New Funding \$ -  
(FY22)

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

### Goal



### Description

This project will bring better and safer lighting and additional electrical outlets to a portion of the Museum Reach Segment of the San Antonio River. The project will be broken into two phases consisting of various electrical improvements and enhancements. Phase I and II are located between Josephine St and between Lexington. In addition to new light poles and outlets, 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 and save on operations and maintenance costs over a long term period.

### Future Financial Impact

In FY 2021-22, Phases I and II will be re-designed and 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.

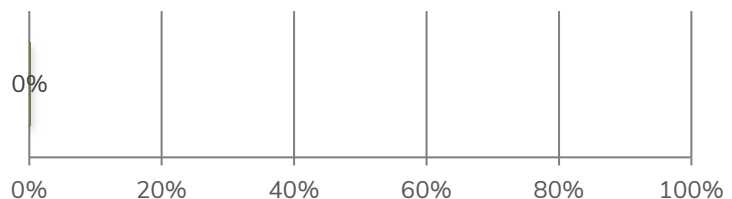
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Contracted Service	979	199,021	200,000		400,000
<b>Total \$</b>	<b>979 \$</b>	<b>199,021 \$</b>	<b>200,000 \$</b>	<b>- \$</b>	<b>400,000 \$</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



# Nature Based Parks Master Planning

## Project #0646

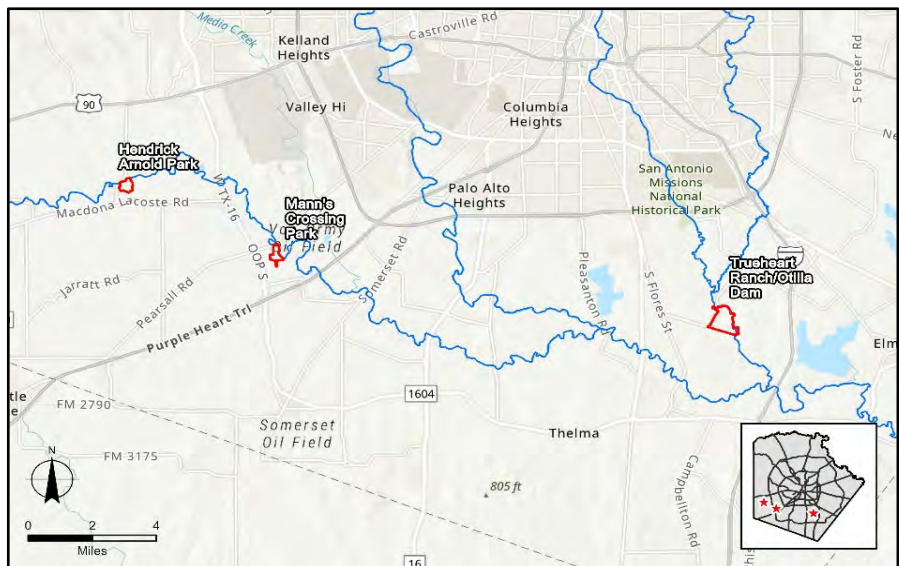
Adopted Budget \$ 470,000

Unfunded Plan \$ -

New Funding \$ -  
(FY22)

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 contracted with a consultant and began the master planning process. In FY 2021-22, 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.

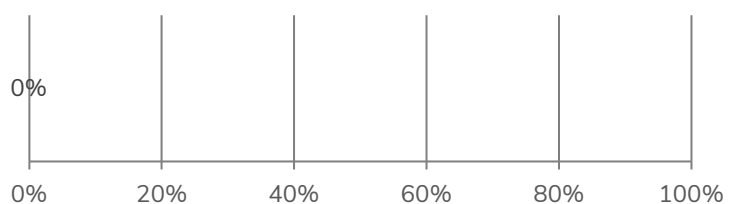
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Design	-	470,000	-	-	470,000
Construction	-	-	-	-	-
Public Outreach	-	-	-	-	-
<b>Total</b>	<b>\$ -</b>	<b>\$ 470,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 470,000</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



# Panther Springs Creek Restoration

## Project #0596

Adopted Budget \$ 1,100,000

Unfunded Plan \$ -

New Funding \$ -  
(FY22)

Department Watershed  
Engineering  
Start Date 12/13/2017  
End Date 12/31/2021



### Description

The River Authority is collaborating with the City of San Antonio (CoSA) for the 2017-2022 Bond project Panther Springs Creek Restoration. The River Authority is overseeing the design and construction of Panther Springs Creek Restoration. The creek restoration efforts will focus on modifying the existing creek channel and returning it to its natural functioning state to improve the water and sediment conveyance of the existing natural channel. The project will alleviate excessive ponding in the channel and improve drainage at the upstream and downstream culverts on Blanco Road. The project will involve survey, design, environmental investigations and permits, property acquisition, and construction.

### Future Financial Impact

In FY 2020-21, design and permitting was completed. Construction is anticipated to begin Fall 2021. Upon project completion, CoSA will be responsible for operation and maintenance.

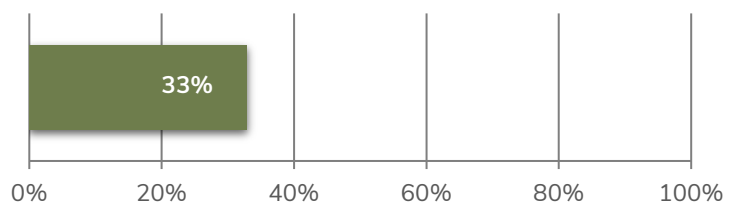
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Labor	55,010	27,240			82,250
Design	161,915	105,436	-	-	267,351
Construction	5,741	605,573	-	-	611,314
ROW Acquisition	139,085	-	-	-	139,085
<b>Total</b>	<b>\$ 361,750</b>	<b>\$ 738,249</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,100,000</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT





# Predictive Flood Modeling

## Project #0602

Adopted Budget \$ 1,866,384  
Unfunded Plan \$ -

New Funding \$ -  
(FY22)

Department Watershed  
Engineering

Start Date 9/3/2018

End Date 6/30/2022

Goal



### Description

The Predictive Flood Modeling project will convert the FloodWorks flood modeling platform to a new modeling platform that advances the prediction technology. The new modeling platform is being developed for Bexar County to provide important situational awareness during emergency response operations. Benefits of this project include improving service efficiencies and the expertise that sets the River Authority apart from other organizations. River Authority staff is coordinating efforts for this project with staff from Bexar County and City of San Antonio as well as other key stakeholders.

### Future Financial Impact

In FY 2021-22, the project will test the usability of all previous development and identify necessary updates and maintenance requirements. Feedback from the stakeholder group will be key for ensuring usability and adoption of the system.

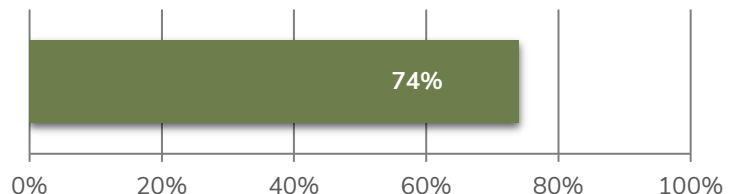
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Contracted Service	1,381,400	484,984	-	-	1,866,384
<b>Total</b>	<b>\$ 1,381,400</b>	<b>\$ 484,984</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,866,384</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



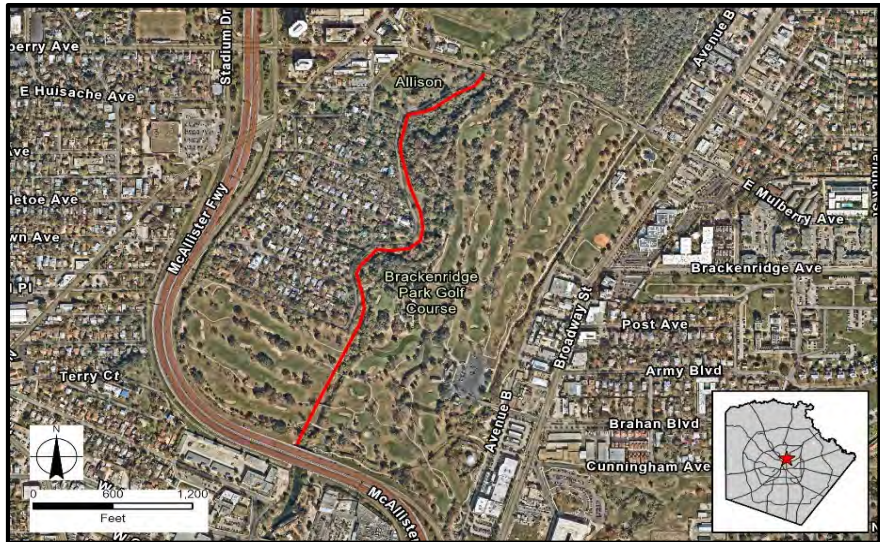
# River Road Stream Restoration

## Project #0530

Adopted Budget \$ 452,279  
Unfunded Plan \$ -

New Funding \$ -  
(FY22)

Department Watershed Engineering  
Start Date 6/15/2013  
End Date 12/20/2021



### 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. As the project transitions to the preconstruction engineering and design phase, the River Authority will facilitate public meetings to gather local stakeholder input throughout the design process. The 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.

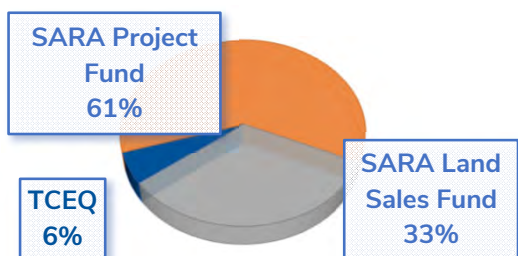
### Future Financial Impact

In FY 2021-22, the River Authority will work with USACE to design the restoration of the San Antonio River in the project area. Throughout the design process, the River Authority will conduct education and outreach through community open houses and charrettes in order to gather stakeholder input to the design.

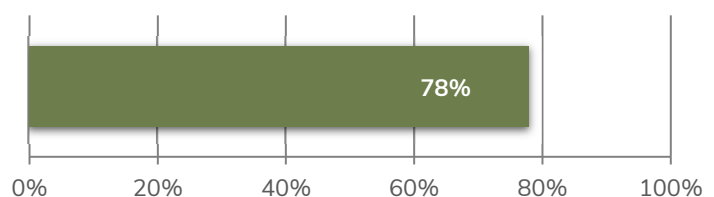
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Professional Services	-	75,000	-	-	75,000
Design	348,798	-	-	-	348,798
Public Outreach	3,481	25,000	-	-	28,481
<b>Total</b>	<b>\$ 352,279</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 452,279</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



# River Walk Public Art

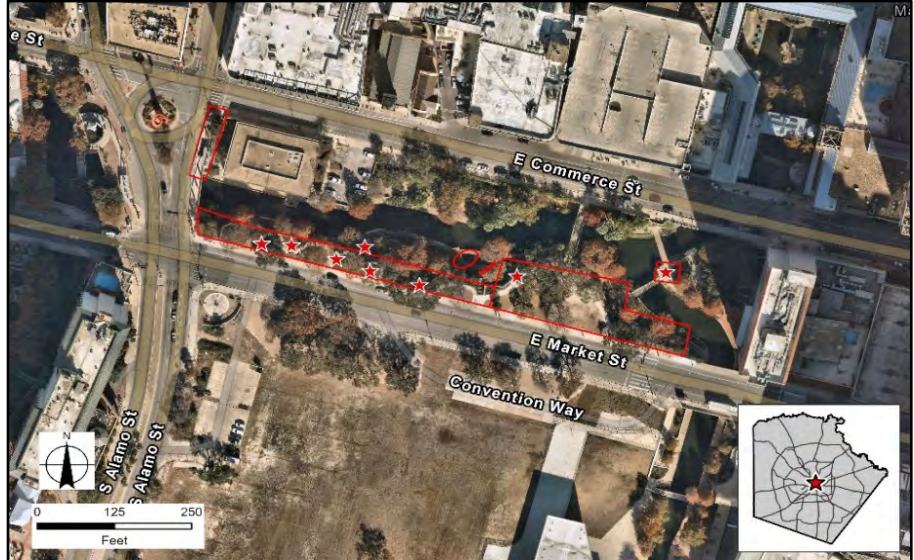
## Project #0599

Adopted Budget \$ 3,475,116  
Unfunded Plan \$ -

New Funding \$ -  
(FY22)

Department Watershed  
Engineering  
Start Date 5/18/2018  
End Date 4/19/2022

### 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 2021-22, additional designs for Labor Plaza will be completed and construction will begin with the completion of Stargazer, Labor Plaza and Bloom. CoSA will be responsible for all operations and maintenance.

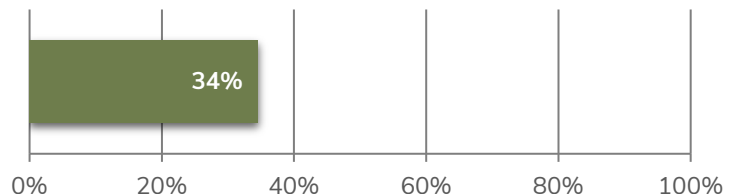
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Design	342,153	184,266	-	-	526,419
Construction	779,204	1,972,789	-	-	2,751,994
Project Management	77,495	119,208			196,703
<b>Total</b>	<b>\$ 1,198,853</b>	<b>\$ 2,276,263</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,475,116</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT





# Roadway Collection System Projects

## Project #0641

Adopted Budget \$ 1,300,000

Unfunded Plan \$ -

New Funding \$ -  
(FY22)

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. The River Authority will be responsible for soliciting a construction contractor to complete the sewer line improvements. TxDOT will reimburse the River Authority for the cost of the work.

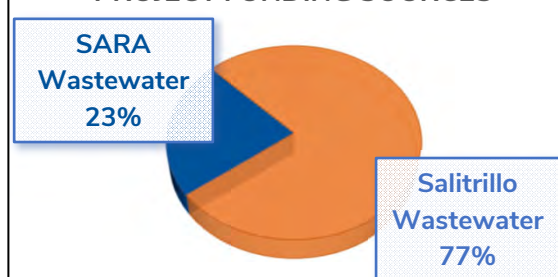
### Future Financial Impact

In FY 2021-22, 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. 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. This project will not impact current operations and maintenance.

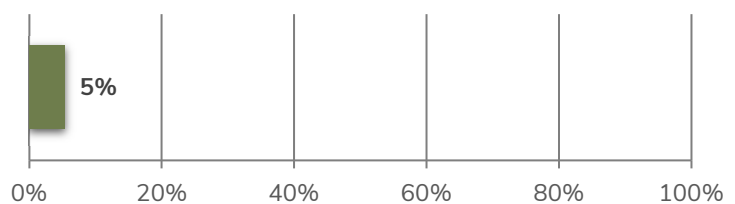
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Design	69,796	69,283	-	-	139,079
Construction	-	1,160,921	-	-	1,160,921
<b>Total</b>	<b>\$ 69,796</b>	<b>\$ 1,230,204</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,300,000</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



# Salado Creek Restoration

## Project #0801

Adopted Budget \$ 171,845

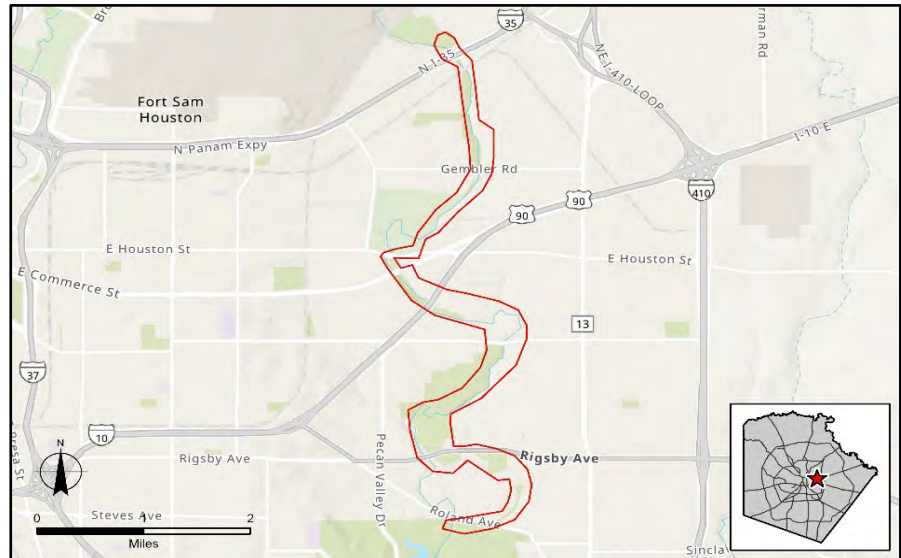
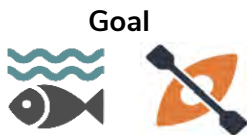
Unfunded Plan \$ -

New Funding \$ -  
(FY22)

Department Watershed  
Engineering

Start Date 11/1/2020

End Date 6/30/2031



### Description

This project is facilitating the Salado Creek Oversight Committee (SCOC) in the development of the Salado Creek Corridor Community Vision Plan. River Authority staff will coordinate the engagement process including assisting the oversight committee and a wider public process. The project will result in actionable recommendations for the implementation of projects and efforts to restore and enhance the Salado Creek Corridor to ensure a vibrant and environmentally-sound creek corridor.

### Future Financial Impact

In FY 2021-22, the River Authority will facilitate the public engagement process including coordination of the Salado Creek Oversight Committee with the development of content and platforms for multiple public open house style meetings in order to ensure community knowledge and input to the vision plan implementation.

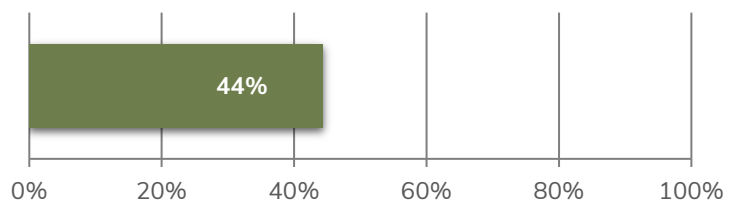
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Vision Plan	76,229	95,616	-	-	171,845
<b>Total</b>	<b>\$ 76,229</b>	<b>\$ 95,616</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 171,845</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



# Salitrillo and Martinez Sewershed Models

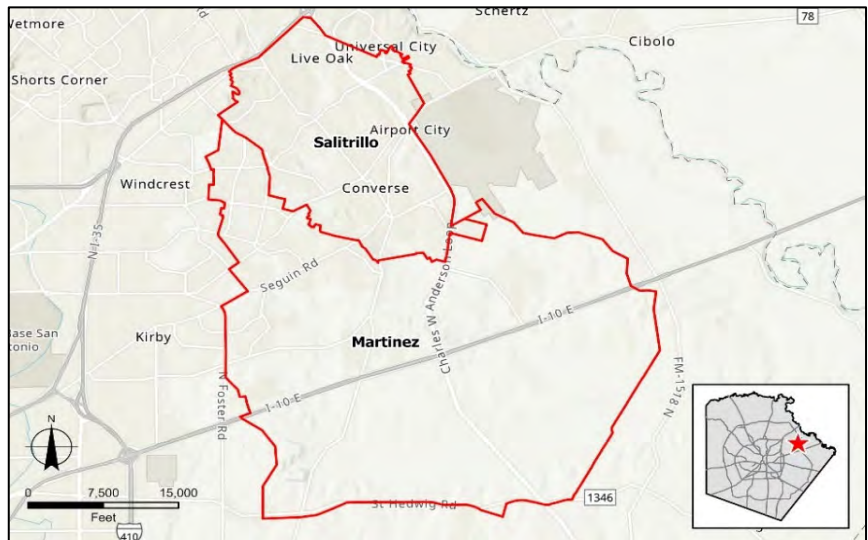
## Project # 0535

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

New Funding \$ -  
(FY22)

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.

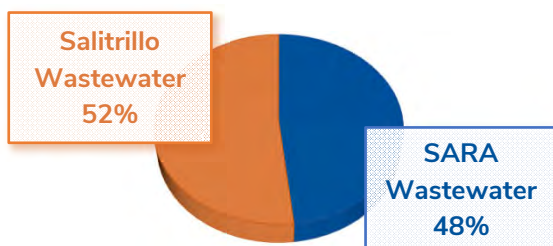
### Future Financial Impact

This project will close in FY 2021-22. Training services will be provided for the use and maintenance of the newly enhanced Utilities Collection System GIS Asset Registry. All new deliverables will be met under the Capacity Management Operations and Maintenance (CMOM) Project. This project will not require any future operations and maintenance expenditures.

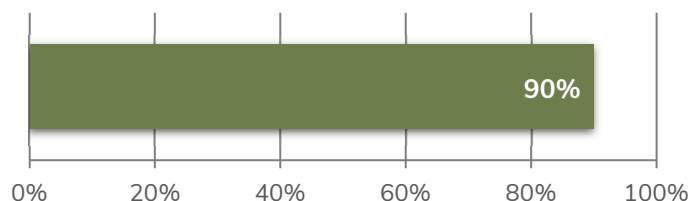
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2020 to June 30, 2022	2022-23	Succeeding from 2023	Total
Labor	72,876	68,587	-	-	141,463
Contracted Service	1,022,926	53,748	-	-	1,076,674
<b>Total</b>	<b>\$ 1,095,802</b>	<b>\$ 122,335</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,218,137</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT





# Salitrillo Wastewater Treatment Plant Expansion and Improvements

## Project #0612

**Adopted**                 \$   29,165,000  
**Budget**  
**Unfunded Plan**       \$               -  
  
**New Funding**         \$               -  
 (FY22)  
  
**Department**         Utilities  
**Start Date**           7/28/2018  
**End Date**             1/23/2023



**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.

**Future Financial Impact**     In FY 2021-22, design of the expansion will be completed and construction will begin. 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.

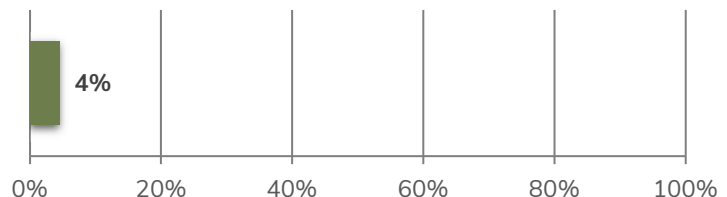
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Labor	65,601	170,933			236,534
Design & Construction	810,614	26,901,472	-	-	27,712,086
Professional Service	419,191	795,893	-	-	1,215,085
Other	1,296	-	-	-	1,296
<b>Total</b>	<b>\$ 1,296,702</b>	<b>\$ 27,868,298</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 29,165,000</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



# San Pedro Creek Culture Park

## Project #0378

Adopted Budget \$ 274,859,694

Unfunded Plan \$ -

New Funding \$ -  
(FY22)

Department Watershed  
Engineering

Start Date 8/1/2012

End Date 4/30/2023



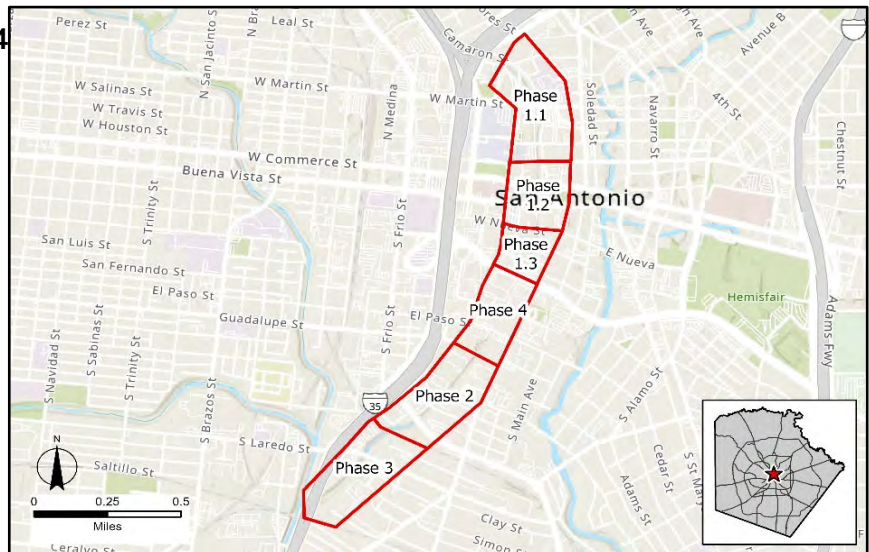
Goal

### 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

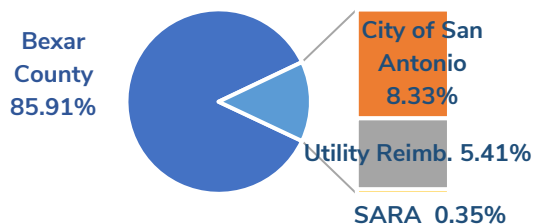
In FY 2021-22, construction of Phase 1.2 will be completed. Additionally, construction of Phases 1.3 and 2 will be ongoing. Phases 3 and 4 are currently under design and construction activity is contingent on funding. Operations and maintenance costs for Phases 1.1 is included in the FY 2021-22 Adopted Budget.



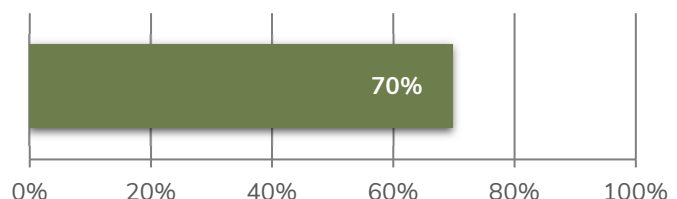
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Pre-Design	685,925	30,000	-	-	715,925
Design	26,873,036	1,837,699	-	-	28,710,736
Construction	146,404,110	77,036,590	-	-	223,440,700
ROW Acquisition	6,167,786	17,950	-	-	6,185,736
Utility Relocations	10,888,551	3,983,046	-	-	14,871,597
Public Outreach	914,821	20,179	-	-	935,000
<b>Total</b>	<b>\$ 191,934,230</b>	<b>\$ 82,925,464</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 274,859,694</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



# San Pedro Creek Operations Center

## Project #0625

Adopted Budget \$ 1,435,957

Unfunded Plan \$ -

New Funding \$ -  
(FY22)

Department Watershed  
Engineering

Start Date 7/1/2017

End Date 8/4/2021

### 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 2021-22, construction of the San Pedro Creek Operations and Maintenance Facility will be completed. Construction activities include foundation preparation, building erection, parking lot improvements, and landscape improvements with green stormwater infrastructure (GSI) features. Operations and maintenance for the facility will be the responsibility of the River Authority.

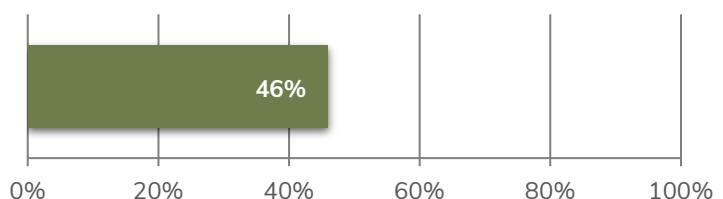
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Building	158,510	776,869	-	-	935,379
Contracted Service	100,451	310	-	-	100,761
ROW Acquisition	399,817	-	-	-	399,817
<b>Total</b>	<b>\$ 658,778</b>	<b>\$ 777,179</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,435,957</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT





# Tributary Modeling

## Project #0074

Adopted Budget \$ 464,674  
Unfunded Plan \$ -

New Funding \$ -  
(FY22)

Department Watershed Engineering  
Start Date 3/18/2008  
End Date 9/30/2021

### Goal



### 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 2021-22, the project will complete development of hydraulic data, production 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 will be based on the latest rainfall intensity data associated with the National Oceanic and Atmospheric Administration release of Atlas 14.

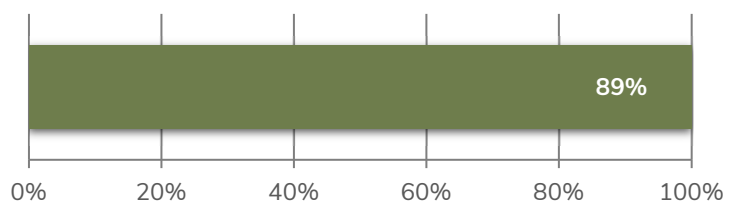
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Professional Service	413,119	51,555	-	-	464,674
<b>Total</b>	<b>\$ 413,119</b>	<b>\$ 51,555</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 464,674</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



# Utility Optimization Plan

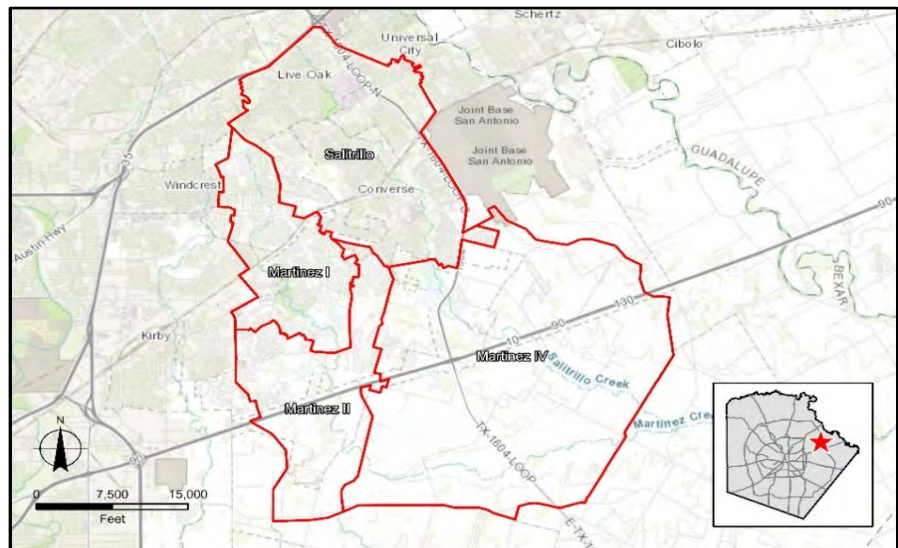
## Project #0628

Adopted Budget \$ 145,000  
Unfunded Plan \$ -

New Funding  
(FY22)

Department Utilities  
Start Date 7/1/2019  
End Date 6/30/2022

Goal



### 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).

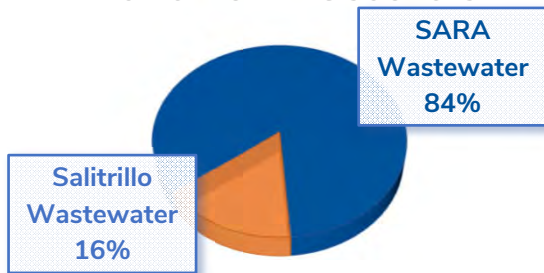
### Future Financial Impact

In FY 2021-22, 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 and recommended repairs or system modifications will be implemented. Future efforts and sub-projects may result in reduced electric utilities, enhanced supervisory control and data acquisition (SCADA) automation, and the maximization of treatment capacities.

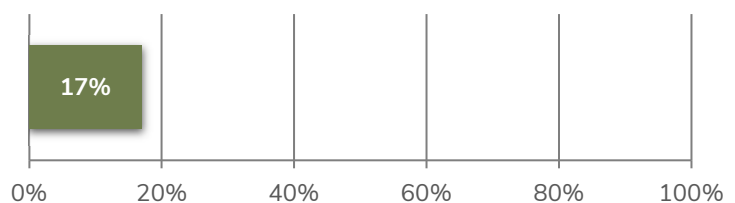
### Spending Plan

Expenditures	Actuals as of March 31, 2021	April 1, 2021 to June 30, 2022	2022-23	Succeeding from 2023	Total
Professional Services	24,758	120,242	-	-	145,000
<b>Total</b>	<b>\$ 24,758</b>	<b>\$ 120,242</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 145,000</b>

### PROJECT FUNDING SOURCES



### PERCENTAGE SPENT



# Appendix



Photo by Rosalinda Rangel  
2020 Rivers Clicks Photo Contest  
People's Choice Category Winner





June 16, 2021

To: San Antonio River Authority Board of Directors

From: Rick Trefzer, Director of Support Services

RE: Recommended Changes to the FY 2021-22 Budget

The Fiscal Year 2021-22 (FY22) Proposed Budget, as submitted to the Board of Directors on May 19, 2021, 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. General Fund

The Proposed Budget has been revised to include an increase to the Capital Expenditures of \$220,000. This revision is supported by a carry forward of funds from FY21 to support a real estate transaction that is not expected to be completed prior to June 30, 2021. The FY21 year end estimate has been reduced to reflect this change.

Additionally, a repair and replacement reserve has been established as a separate line item in the General Fund budget. As presented, the Proposed Budget Operating Reserve exceeded the target of 25% of the annual budgeted operating expenses (e.g. personnel, operating, and debt service). Reducing the Operating Reserve by \$408,329 allows the River Authority to establish the repair and replacement reserve in FY22. The repair and replacement reserve may be utilized to fund capital asset renewal, long-term major repairs, and other unexpected expenses of buildings, parks and trails, technology, fleet and heavy equipment, and equipment used by staff.

*The revised Fund summary sheet for the General Fund is below.*

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**VICE-CHAIR**

Jim Campbell

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**MEMBERS AT-LARGE**

Gaylon J. Oehlke

James Fuller, M.D.

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2. City of San Antonio Capital Improvements Project Fund

The Proposed Budget has been revised to include an increase to the appropriation of \$142,135 for the Nueva Street Marina Dam replacement Project. This revision is supported by Amendment No.1 to Task Order 15 of an agreement between the River Authority and the City of San Antonio.

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

3. Grants Fund

The Proposed Budget has been revised to include a decrease to the revenue and appropriation of \$345,934 for the South Flores BMP project funded by Texas Commission on Environmental Quality (TCEQ). This revision is supported by the decision to delay construction at the Sheridan location due to the rising cost of materials and supplies essential to the building remodel and the time limit on the grant.

*The revised Fund summary sheet for the Grants Fund is below.*

4. SARA Project Fund

The Proposed Budget has been revised to include a decrease to the appropriation of \$60,000 for the South Flores BMP project which funded the required match for the grant from TCEQ mentioned above. This revision is supported by the decision to delay construction at the Sheridan buildings due to the rising cost of materials and supplies essential to the building remodel. The appropriation was moved to the Unassigned Funds line.

*The revised Fund summary sheet for the Project Fund is below.*

San Antonio River Authority  
General Fund  
Fiscal Year Ending June 30, 2022

Fund: 01

AVAILABLE FUNDS	FY 2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Estimate	FY 2021-22 Budget
<b>Beginning Balance</b>				
Operating Reserve - Unassigned	\$ 12,974,410	\$ 12,122,718	\$ 13,597,545	\$ 11,852,228
Total Beginning Balance	\$ 12,974,410	\$ 12,122,718	\$ 13,597,545	\$ 11,852,228
<b>Revenue</b>				
Taxes, Penalties and Interest	\$ 34,082,098	\$ 35,027,886	\$ 35,272,846	\$ 36,494,040
Intergovernmental Revenue	526,250	225,000	261,719	225,000
Charges for Services	554,213	500,500	494,129	482,400
Miscellaneous	170,182	30,000	6,942	30,000
Support Fees	1,939,977	1,939,977	1,939,977	2,145,840
Investment Income	615,610	175,900	80,883	75,000
Operating Transfers	-	-	-	-
Total Revenue	\$ 37,888,330	\$ 37,899,263	\$ 38,056,496	\$ 39,452,280
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 50,862,740</b>	<b>\$ 50,021,981</b>	<b>\$ 51,654,042</b>	<b>\$ 51,304,508</b>
<b>APPROPRIATIONS</b>				
Personnel Expenditures	\$ 19,605,893	\$ 20,937,852	\$ 20,852,415	\$ 21,537,962
Operating Expenditures	10,121,597	12,516,102	11,060,949	13,284,549
Capital Expenditures	859,874	1,438,479	1,203,077	763,000
Transfers	-	-	-	-
Debt Service, Other Transfers	693,324	1,598,428	1,598,428	1,594,112
Project Fund - Projects	6,908,710	5,653,945	5,653,945	5,532,400
Project Fund - Unrestricted Reserve	280,000	600,000	600,000	280,000
Reimbursements	(1,204,203)	(969,650)	(1,167,000)	(1,200,000)
<b>TOTAL OPERATING APPROPRIATIONS</b>	<b>\$ 37,265,194</b>	<b>\$ 41,775,156</b>	<b>\$ 39,801,814</b>	<b>\$ 41,792,023</b>
Operating Reserve - Unassigned	13,597,545	8,246,825	11,852,228	9,104,156
Unrestricted - Repair and Replacement Reserve	-	-	-	408,329
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 50,862,740</b>	<b>\$ 50,021,981</b>	<b>\$ 51,654,042</b>	<b>\$ 51,304,508</b>



San Antonio River Authority  
City of San Antonio Capital Improvements Project Fund  
Fiscal Year Ending June 30, 2022

Fund: 11

	FY2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Activity As of	Remaining Available Funds
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**Beginning Balance**

Restricted Balance - Construction	\$ 203,811	\$ 88,417	\$ 141,653	\$ 171,880
<b>Total Beginning Balance</b>	<b>\$ 203,811</b>	<b>\$ 88,417</b>	<b>\$ 141,653</b>	<b>\$ 171,880</b>

**Revenue**

Intergovernmental Revenue	\$ 965,530	\$ 5,254,105	\$ 828,856	\$ 3,806,174
Transfer	-	-	-	-
<b>Total Revenue</b>	<b>965,530</b>	<b>5,254,105</b>	<b>828,856</b>	<b>3,806,174</b>
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 1,169,341</b>	<b>\$ 5,342,522</b>	<b>\$ 970,509</b>	<b>\$ 3,978,054</b>

**APPROPRIATIONS**

Projects

**Active Ongoing**

Edwards Aquifer Protection	\$ 47,570	\$ 221,136	\$ 23,360	\$ 233,330
Nueva Street Marina Dam Replacement	34,145	694,494	75,840	730,213
River Walk Public Art	733,671	2,796,200	406,787	2,276,262
Panther Springs Creek Restoration	146,370	984,286	174,512	738,250

**Closed Projects**

Concepcion Creek Outfall Repair	65,932	296,406	24,941	-
LBJ Park Stream Restoration	-	350,000	93,189	-

<b>Total Project Expenditures</b>	<b>\$ 1,027,688</b>	<b>\$ 5,342,522</b>	<b>\$ 798,629</b>	<b>\$ 3,978,054</b>
Restricted Balance - Construction	141,653	-	171,880	-
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 1,169,341</b>	<b>\$ 5,342,522</b>	<b>\$ 970,509</b>	<b>\$ 3,978,054</b>

San Antonio River Authority  
Grants Fund  
Fiscal Year Ending June 30, 2022

Fund: 36

Available Funds	FY2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Activity As of 03/31/2021	Remaining Available Funds
<b>Beginning Balance</b>				
Restricted Balance	\$ 152,708	\$ 152,708	\$ 152,708	\$ -
Total Beginning Balance	\$ 152,708	\$ 152,708	\$ 152,708	\$ -
<b>Revenue</b>				
Intergovernmental Revenue	\$ 523,690	\$ 3,834,400	\$ 3,298,620	\$ 1,910,364
Federal Grant Revenue	893,125	4,031,443	350,720	\$ 4,866,552
Miscellaneous	-	-	-	-
Total Revenue	1,416,816	7,865,843	3,649,339	6,776,916
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 1,569,524</b>	<b>\$ 8,018,551</b>	<b>\$ 3,802,047</b>	<b>\$ 6,776,916</b>
<b>APPROPRIATIONS</b>				
<b>Projects - Active Ongoing</b>				
CTP Risk Map Cibolo Creek	\$ 173,094	\$ 258,781	\$ 55,537	\$ 136,243
CTP Risk Map Cibolo Creek - Phase 2	113,614	259,677	3,564	186,468
CTP Risk Map Lower San Antonio River	309,174	293,773	23,626	125,850
CTP Risk Map Upper San Antonio River - FY19	93,933	996,563	102,779	808,688
CTP Risk Map Upper Medina River Watershed - Phase 2	12,749	74,025	4,364	68,769
CTP Risk Map Lower Cibolo/Lower Medina FY20	-	1,430,000	7,295	1,422,705
Escondido Creek Parkway		500,000	500,000	-
Green Stormwater Infrastructure Master Plan: Upper SAR	69,382	137,152	91,976	7,176
Mid/Lower Cibolo Creek Watershed Protection Plan	13,864	71,933	38,169	26,195
South Flores BMP - TCEQ	-	345,934	-	-
Transportation Alternatives - WSC Alazan	2,538	2,500,000	2,497,462	-
<b>Efforts - Active Ongoing</b>				
AACOG	56,985	-	-	-
FEMA Letter of Map Revision - 2018	155,842	208,624	153,555	1,427
FEMA Letter of Map Revision - 2019	-	360,000	-	360,000
FEMA Letter of Map Revision - 2020	-	150,000	-	150,000
<b>Projects - Authorized Pending Award</b>				
CTP Risk Map FY21 MAS 21	-	-	-	1,456,402
<b>Efforts - Authorized Pending Award</b>				
FEMA Letter of Map Revision - 2021	-	-	-	150,000
Clean Rivers Program FY22-23	-	-	-	395,540
SCTRWPG Region L TWDB 6th Cycle	-	-	-	186,453
SARFPG Region 12 TWDB Cycle 1	-	-	-	1,295,000
<b>Projects - Closed</b>				
Binz Engleman, Martinez Creek and Escondido Creek Dam				
Rehabilitations - NRCS	54,319	152,708	152,708	-
Clean Rivers Program 2017	326,603	279,381	171,012	-
CTP Risk Map Upper San Antonio River - Phase 2	34,720	-	-	-
<b>TOTAL PROJECT EXPENDITURES</b>	<b>\$ 1,416,816</b>	<b>\$ 8,018,551</b>	<b>\$ 3,802,047</b>	<b>\$ 6,776,916</b>
Restricted Balance	152,708	-	-	-
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 1,569,524</b>	<b>\$ 8,018,551</b>	<b>\$ 3,802,047</b>	<b>\$ 6,776,916</b>

San Antonio River Authority  
SARA Projects Fund  
Fiscal Year Ending June 30, 2022

Fund: 04

APPROPRIATIONS	FY2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Activity As of 03/31/2021	Remaining Available Funds
<b>Beginning Balance</b>				
Committed Balance (Board Reserve)	\$ 3,792,737	\$ 3,792,737	\$ 3,792,737	\$ 5,650,246
Assigned for Projects	8,873,979	11,315,461	10,090,928	11,241,811
<b>Total Beginning Balance</b>	<b>\$ 12,666,716</b>	<b>\$ 15,108,198</b>	<b>\$ 13,883,665</b>	<b>\$ 16,892,057</b>
<b>Revenue</b>				
Transfers - General Fund	\$ 7,188,710	\$ 7,204,028	\$ 6,253,945	\$ 5,812,400
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 19,855,426</b>	<b>\$ 22,312,226</b>	<b>\$ 20,137,610</b>	<b>\$ 22,704,457</b>

APPROPRIATIONS

Projects

Active Ongoing

Bexar County Rivers and Creek Program	-	178,155	-	278,155
Brackenridge Park	-	75,000	-	75,000
Edwards Aquifer Watershed Protection	12	12,988	-	12,988
Escondido Creek Parkway	1,805,906	2,139,714	702,327	485,307
Espada Park	-	150,000	-	150,000
Facilities Acquisition/Improvements Project	28,273	3,150,158	78,961	5,742,924
Floodplain Remapping (2018)	1,714,543	2,193,269	820,652	1,049,810
Freshwater Mussel Propagation	122,845	178,440	42,580	121,743
Impervious Cover Mitigation	333,979	230,022	125,853	27,511
Karnes County Flood Protection Plan Study	-	74,250	-	74,250
Kenedy Operations Center	-	65,340	63,020	2,320
Lucity Implementation and Asset Management	-	100,000	-	100,000
Mission Reach	-	12,450	6,559	5,891
Mission Reach Erosion Repairs	119,021	530,208	37,239	487,234
Museum Reach Electrical Infrastructure Upgrade	-	400,000	979	399,021
Nature Based Parks Master Planning	-	470,000	-	470,000
Predictive Flood Modeling	881,686	1,251,461	499,714	484,984
River Road Stream Restoration	1,628	100,770	770	100,000
Salado Creek Restoration	-	171,845	76,229	95,616
San Pedro Creek Culture Park	-	-	-	-
San Pedro Creek Operations Center	43,454	935,689	136,048	777,179
South Flores Stormwater Retrofit	-	60,000	-	-
Tributary Modeling	22,904	97,305	34,757	51,556
Watershed Master Plans Integration	154,047	754,883	266,092	893,306
Watershed Wise Rebate Program	429,937	1,889,509	286,192	1,631,160
Westside Creeks - Linear Creek Trails and Elmendorf Park	7,732	93,602	54,951	31,906

Authorized Projects - Inactive

CoSA Bond GSI Match	-	335,000	-	585,000
GSI Broadway Alamo Heights	-	100,000	-	400,000

San Antonio River Authority  
SARA Projects Fund  
Fiscal Year Ending June 30, 2022

Fund: 04

APPROPRIATIONS	FY2019-20 Actual	FY 2020-21 Amended Budget	FY 2020-21 Activity As of 03/31/2021	Remaining Available Funds
<b>Beginning Balance</b>				
Committed Balance (Board Reserve)	\$ 3,792,737	\$ 3,792,737	\$ 3,792,737	\$ 5,650,246
Assigned for Projects	8,873,979	11,315,461	10,090,928	11,241,811
<b>Total Beginning Balance</b>	<b>\$ 12,666,716</b>	<b>\$ 15,108,198</b>	<b>\$ 13,883,665</b>	<b>\$ 16,892,057</b>
<b>Revenue</b>				
Transfers - General Fund	\$ 7,188,710	\$ 7,204,028	\$ 6,253,945	\$ 5,812,400
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$ 19,855,426</b>	<b>\$ 22,312,226</b>	<b>\$ 20,137,610</b>	<b>\$ 22,704,457</b>

APPROPRIATIONS

Projects

**New Authorized Projects**

Downstream Predictive Flood Modeling	-	-	-	261,000
Escondido Phase II	-	-	-	200,000
Freshwater Mussel Reintroduction	-	-	-	85,400
Green Stormwater Infrastructure (GSI) Web-Based Tools	-	-	-	26,000
Management Tool for the I-Drive	-	-	-	50,000
Mission Reach Boundary Markers	-	-	-	105,000
Watershed Master Plan Atlas 14 Updates	-	-	-	595,000

**Closed Projects**

BRWM Stream Mitigation Bank	12,949	13,429	479	-
Clean Rivers Program 2017/SARA Stream Monitoring	5,264	8,415	3,151	-
Cooperating Technical Partners (CTP) Development	-	-	-	-
Digital Data and Model Repository Redevelopment	39,372	4,425	-	-
H&H Study - Borrego to Medio	42,489	-	-	-
John Helton SA River Nature Park	7,680	-	-	-
Laboratory Management Software Replacement	9,000	8,999	9,000	-
Mission Reach Avian Study	13,091	-	-	-
Site-Scale Model Development	100,800	-	-	-
Trash and Floatables Mitigation - Olmos Creek	30,616	6,221	-	-
Watershed Wise River Discovery	44,533	11,400	-	-
Watershed Wise School Grant	-	-	-	-

**Unassigned Funds** - 859,033 - 918,949

<b>Total Project Expenditures</b>	<b>\$ 5,971,761</b>	<b>\$ 16,661,980</b>	<b>\$ 3,245,553</b>	<b>\$ 16,774,211</b>
Committed Balance (Board Reserve)	3,792,737	5,650,246	5,650,246	5,930,246
Assigned for Projects	10,090,928	-	11,241,811	-
<b>TOTAL APPROPRIATIONS</b>	<b>\$ 19,855,426</b>	<b>\$ 22,312,226</b>	<b>\$ 20,137,610</b>	<b>\$ 22,704,457</b>



## **Budget Order**

### **San Antonio River Authority Fiscal Year 2021-22 Budget For the period July 1, 2021 through June 30, 2022**

#### **Approval of the Fiscal Year (FY) 2021-22 Budget**

The Board of Directors of the San Antonio River Authority approves the FY 2021-22 Budget as submitted with the amendments included in the June 16, 2021 memorandum “Recommended Changes to the FY 2021-22 Budget”.

#### **Authorized Positions and Salaries**

The positions listed in the FY 2021-22 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 2021-22 Budget are authorized effective July 1, 2021 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 2021-22 Budget)**

The FY 2021-22 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 2021-22 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 2021-22 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 2021-22 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 2021-22 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 Adopted Budget must be approved by the Board of Directors.

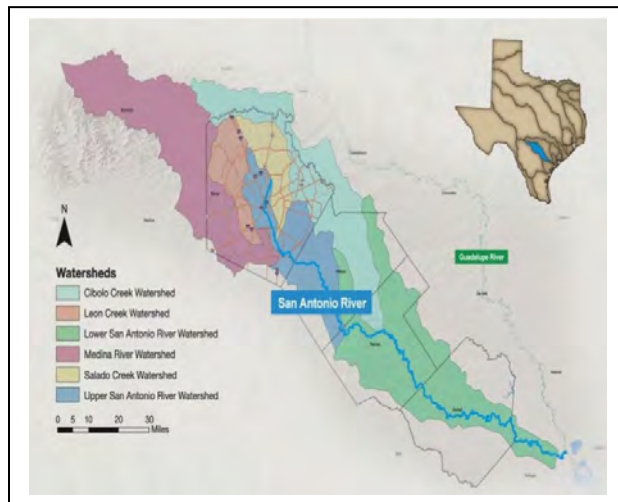




## Community and Economic Information

### 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 2,082,937 (in 2020) with 96 percent of the population residing in Bexar County (2,006,193) and the remaining counties as follows: Wilson at 52,839, Karnes at 15,778 and Goliad at 8,127. The San Antonio River is 240 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) 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. 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 for FY 2020-21 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 2021-22 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 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 industry position in 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 \$30.6 and \$40.2 billion in 2017 (San Antonio Chamber of Commerce- Healthcare + Bioscience Economic Impact Study 2018). Manufacturing is another sector that has established itself as a major force in the San Antonio economy. Jobs increased by 10.4% from 2015-2020 compared to 3.9% state and 4.9% nationwide, the manufacturing industry consisted 50,668 professionals, generating Gross Regional Product (GRP) of nearly \$7.3 billion. Additional information about other key industries is available through the San Antonio Economic Foundation (SAEDF) website-Reports & Data-Industries.

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 300<sup>th</sup> 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. Over the years, 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. 2021 saw a drop in oil and gas production with 11,438,071 oil BBL's and 39,001,707 gas MCF, 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 future economy in Karnes County. (<http://www.texas-drilling.com/karnes-county>)

## Economic Outlook

San Antonio's economy has tapered because of the impacts of COVID-19, however the outlook continues to focus on a robust economy with stock prices of San Antonio-based companies expecting to experience increases. Unemployment in April 2021 was 12.3 percent which is significantly less than the 14.7 percent nationwide rate. Total nationwide nonfarm payroll employment decreased by 1,058.2(thousands) in March 2021, reflecting economic activity that continues to be curtailed due to the COVID-19 pandemic however economic activity is expected to gain strength in the later part of 2021. The change in non-farm employment from March 2020 to March 2021 for San Antonio-New Braunfels was (-1.8%) with Austin-Round Rock at (-1.3%). The largest Industries are Government followed by Health Care and Social Assistance. Top growing industries are Health Care and Social Assistance followed by Accommodation and Food Services. Largest Occupations are Office and Administrative Support followed by Sales and Related.

### Business Size



Market data download for MSA San Antonio New Braunfels  
<https://sanantonioedf.com/reports-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.

The housing market in San Antonio remains strong even amidst the changing times of the pandemic. Total home sales are at 3,516, a significant 16% increase from April 2020. In county comparison, Bexar County sales increased by 13.9% with 2,546 homes sold. Also indicated was a shift in days on the market to 45 days on average, down 24 day from April 2020. Reporting for the state of Texas shows 38,607 new listing in March 2021, as compared to greater San Antonio area at 3,739 and Bexar County at 2,261. The average price, \$316,971, and median price, \$268,500, were up 15% and 12% respectively. (San Antonio Board of Realtors Press Release, April 14,2021).

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 19% between 2010 and 2020 and is predicted to increase an additional 9% by 2025. San Antonio is also projected to welcome 886,027 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 best management practices could help mitigate water quality and flood risks concerns.

#### Other Sources:

Bureau of Labor Statistics 6/4/20 San Antonio Area Economic Summary

[https://www.bls.gov/regions/southwest/summary/blssummary\\_sanantonio.pdf](https://www.bls.gov/regions/southwest/summary/blssummary_sanantonio.pdf)

Federal Reserve Bank of Dallas-SA Economic Indicators

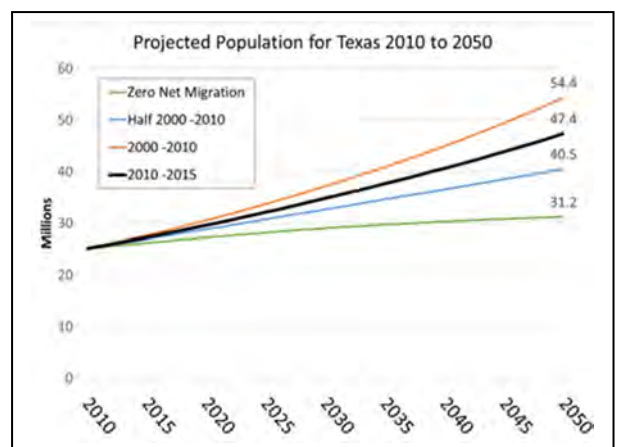
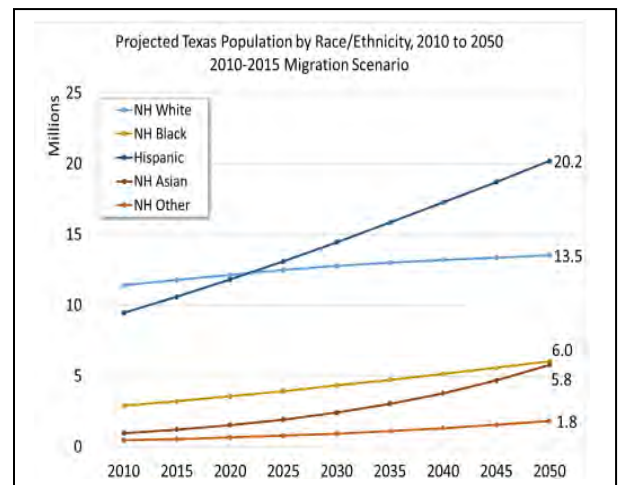
<https://www.dallasfed.org/research/indicators/sa/2020/sa2006.aspx>

District Profile data for 2019-2020 population estimates.

[https://demographics.texas.gov/Resources/TPEPP/Estimates/2019/2019\\_txpopest\\_county.pdf](https://demographics.texas.gov/Resources/TPEPP/Estimates/2019/2019_txpopest_county.pdf)

San Antonio MSA Population growth (use data tool)

<https://www.demographics.texas.gov/Data/TPEPP/Projections/>



#### Graph Source:

Texas Demographic Center-Texas Population Projections 2010-2050

[https://demographics.texas.gov/Resources/publications/2019/20190128\\_PopProjectionsBrief.pdf](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 6-30-21	FY 2021-22 Budgeted Payment Due
<u><b>General Fund</b></u>			
Goliad County Water Supply Company	\$ 235,735	\$ 148,259	\$ 11,795
<b>Totals</b>	<b>\$ 1,076,667</b>	<b>\$ 148,259</b>	<b>\$ 11,795</b>
<u><b>SARA Wastewater Fund</b></u>			
La Vernia	600,000	148,259	33,881
Goliad County Water Supply Company	235,735	83,522	11,795
<b>Totals</b>	<b>\$ 835,735</b>	<b>\$ 231,781</b>	<b>\$ 45,676</b>
<u><b>General Fund Obligations</b></u>			
Euclid (Reserves)	3,576,202	1,660,066	280,000
Mission Reach Operation Center (Public Facility Corporation)	3,100,000	2,209,000	133,000
<b>Totals</b>	<b>\$ 6,676,202</b>	<b>\$ 3,869,066</b>	<b>\$ 413,000</b>



## FY 2021-22 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	\$ 28,653.18	\$ 35,816.48	\$ 42,979.78
110	\$ 30,085.84	\$ 37,607.31	\$ 45,128.77
111	\$ 31,590.14	\$ 39,487.67	\$ 47,385.20
112	\$ 33,169.64	\$ 41,462.05	\$ 49,754.46
113	\$ 34,828.13	\$ 43,535.16	\$ 52,242.19
114	\$ 36,569.53	\$ 45,711.91	\$ 54,854.30
115	\$ 38,398.01	\$ 47,997.51	\$ 57,597.01
116	\$ 40,317.91	\$ 50,397.39	\$ 60,476.86
117	\$ 42,333.80	\$ 52,917.26	\$ 63,500.71
118	\$ 44,450.49	\$ 55,563.12	\$ 66,675.74
119	\$ 46,673.02	\$ 58,341.27	\$ 70,009.53
120	\$ 49,006.67	\$ 61,258.34	\$ 73,510.00
121	\$ 51,457.00	\$ 64,321.25	\$ 77,185.51
122	\$ 54,029.85	\$ 67,537.32	\$ 81,044.78
123	\$ 56,731.35	\$ 70,914.18	\$ 85,097.02
124	\$ 59,567.91	\$ 74,459.89	\$ 89,351.87
125	\$ 62,546.31	\$ 78,182.89	\$ 93,819.46
126	\$ 65,673.62	\$ 82,092.03	\$ 98,510.44
127	\$ 68,957.31	\$ 86,196.63	\$ 103,435.96
128	\$ 72,405.17	\$ 90,506.46	\$ 108,607.76
129	\$ 76,025.43	\$ 95,031.79	\$ 114,038.14
130	\$ 79,826.70	\$ 99,783.38	\$ 119,740.05
131	\$ 83,818.04	\$ 104,772.55	\$ 125,727.05
132	\$ 88,008.94	\$ 110,011.17	\$ 132,013.41
134	\$ 97,029.85	\$ 121,287.32	\$ 145,544.78
135	\$ 101,881.35	\$ 127,351.68	\$ 152,822.02
136	\$ 106,975.41	\$ 133,719.27	\$ 160,463.12
137	\$ 112,324.19	\$ 140,405.23	\$ 168,486.28
143	\$ 150,525.15	\$ 188,156.44	\$ 225,787.73
148	\$ 192,112.47	\$ 240,140.59	\$ 288,168.71
154	\$ 257,449.09	\$ 321,811.36	\$ 386,173.63

Description	Pay Grade	FY20	FY21	FY22
<b>Board of Directors</b>	ELEC	12	12	12
<b>Executive Offices</b>				
General Manager	154	1	1	1
Assistant General Manager	148	1	1	1
Director of External Communications	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	1	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	1	1
Total Executive Offices		13	15	15
<b>External Communications</b>				
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	0
Brand & Visual Communications Specialist	122	1	1	1
Brand & Events Specialist	122	1	1	0
Brand & Public Communications Specialist	122	0	1	1
Art Direction Coordinator I	118	1	0	0
Brand & Digital Content Coordinator	118	0	0	1
Brand & Public Communications Coordinator II	118	1	1	1
Government Affairs Coordinator II	118	0	1	2
Education & Engagement Coordinator II	118	1	1	1
Brand & Public Communications Coordinator I	117	2	1	1
Education & Engagement Coordinator I	117	0	1	1
Government Affairs Coordinator I	117	3	2	1
Brand & Events Coordinator	117	0	0	1
Intergovernmental Technician	112	1	1	1

Description	Pay Grade	FY20	FY21	FY22
Part-Time Education & Engagement Coordinator	103	1	1	1
Education & Engagement Intern	101	1	1	1
<i>Total External Communications</i>		16	17	17
<b>Human Resources</b>				
People & Safety Business Partner	124	1	1	1
People & Benefits Business Partner	124	1	1	1
People & Culture Business Partner	122	1	1	1
People & Talent Business Partner	122	0	0	1
Senior Human Resources Generalist	118	1	1	0
Administrative Assistant II	110	0	1	1
Administrative Assistant I	109	1	0	0
Administrative Support (LTE)	104	1	1	0
Human Resources Intern	101	0	0	1
<i>Total Human Resources</i>		6	6	6
<b>Facilities</b>				
Facilities Administrator	126	1	1	1
Facilities Maintenance Crewleader I	112	1	1	2
Facilities Maintenance Technician II	110	0	0	1
Facilities Maintenance Technician I	109	3	2	0
Custodian	103	2	3	3
<i>Total Facilities</i>		7	7	7
<b>Finance</b>				
Accounting & Budget Services Manager	136	1	1	1
Project Management Officer	127	0	0	1
Senior Accountant	126	1	1	1
Senior Budget Analyst	126	1	1	1
Support Services Administrator	126	1	1	0
Purchasing Officer	126	1	1	1
Project & Planning Services Administrator	125	2	2	1
Project Office Analyst I	122	0	0	1
Contracting Officer	124	1	1	1
Budget Analyst I	119	2	2	2
Buyer II	119	0	0	1
Support Services Administrator	119	0	0	1
Contract Coordinator I	117	1	1	1

Description	Pay Grade	FY20	FY21	FY22
Accountant I	116	1	1	0
Financial Accountant I	114	1	1	2
Support Services Technician	112	1	1	1
Senior Accounting Technician	111	1	1	0
Accounting Technician I	109	0	1	1
Support Services Technician (LTE)	104	1	0	0
Finance Intern	101	0	1	1
Total Finance		16	17	18
<b>Information Technology</b>				
User Services Manager	136	1	0	1
Senior Enterprise Applications Administrator	132	1	1	1
User Services Officer	129	1	1	0
Senior Data Management Architect	127	0	1	1
Infrastructure Administrator	125	1	1	1
GIS Administrator	125	0	0	1
Data/Development Administrator	124	1	1	1
Technology Support Administrator	122	0	0	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	0
Business Analyst I	120	1	1	1
GIS Analyst I	120	2	2	3
Technology Support Specialist II	119	1	1	0
IT Support Specialist I	118	1	1	1
Technology Support Specialist I	117	1	1	2
GIS Technician I	114	1	1	0
IT Support Specialist	104	1	1	0
Information Technology Intern	101	1	1	1
Total Information Technology		18	18	18
<b>Environmental Sciences</b>				
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

Description	Pay Grade	FY20	FY21	FY22
Landscape Architect	125	1	1	1
Sustainable Infrastructure Planner	125	1	1	1
Sustainable Landscape Ecologist	124	1	1	1
Laboratory Supervisor	124	1	1	1
Watershed Monitoring Supervisor	124	1	1	1
Quality Assurance Supervisor	124	1	1	1
Environmental Investigation Supervisor	122	1	1	0
Environmental Data Specialist II	120	2	2	1
Quality Assurance Specialist II	120	1	1	1
Senior Aquatic Biologist	120	1	1	1
Senior Water Quality Scientist	120	3	3	2
Environmental Investigation Supervisor	120	0	0	1
Stormwater Analyst I	119	1	1	1
Quality Assurance Specialist I	118	0	1	1
Aquatic Biologist II	118	2	2	0
Environmental Investigation Coordinator I	118	1	1	1
Environmental Investigation Specialist I	118	1	1	1
Environmental Data Specialist I	118	0	0	2
Laboratory Services Coordinator II	118	1	1	1
Molecular Biologist I	118	1	1	1
Water Quality Scientist II	118	3	3	2
Watershed Monitoring Scientist II	118	1	1	0
Aquatic Biologist I	116	1	1	3
Water Quality Scientist I	116	3	3	5
Watershed Monitoring Scientist I	116	2	2	2
Administrative Assistant I	109	1	1	1
Part-Time Aquatic Biologist I	103	1	1	1
Michael Gonzalez Intern	102	1	1	1
Data Management Intern	101	1	1	1
Part-Time Water Quality Scientist	101	1	1	1
Stormwater Intern	101	1	1	1
Total Environmental Sciences		41	42	42
<b>Real Estate</b>				
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

Description	Pay Grade	FY20	FY21	FY22
Administrative Assistant I	109	1	1	1
Administrative Support (LTE)	104	1	1	1
Real Estate Intern	101	1	1	1
Total Real Estate		7	7	7
<b>Watershed Engineering</b>				
Ecological Engineering Manager	137	1	1	1
Engineering Design & Construction Manager	137	0	0	1
Senior Engineer	132	4	4	4
Senior Technical Engineer	131	2	2	2
Engineer	130	9	9	7
Graduate Engineer	127	1	1	2
Watershed Engineering Administrator	125	0	0	0
Registered Professional Land Surveyor Lead	124	1	1	1
Senior Construction Inspector	123	1	1	1
Construction Inspector II	120	2	2	2
Project Management Associate II	120	1	1	1
Project Management Associate	119	1	1	1
Construction Inspector I	118	1	2	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	1	1	0
Construction Administrative Coordinator	103	1	1	0
Part-Time Survey Party Chief I	103	0	0	1
Engineering Intern	101	1	1	1
Total Watershed Engineering		31	32	31
<b>Utilities</b>				
Utilities Manager	137	1	1	1
Senior Utilities Engineer	132	1	1	1
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	1	1



Description	Pay Grade	FY20	FY21	FY22
Chief Operator Supervisor	118	1	1	1
Treatment Quality Control Supervisor	118	0	1	1
Collection System Foreman	117	2	1	1
Line Inspection Foreman	117	1	1	0
Senior Chief Operator	117	1	1	1
Utilities Business Coordinator I	117	1	1	1
Development Inspector	116	1	1	1
Chief Operator I	115	1	1	3
CCTV Specialist I	115	0	0	1
Industrial Waste Inspector/Chief Operator	115	1	0	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
Collection System Crewleader II	113	0	0	1
Maintenance Crewleader II	113	1	1	1
Maintenance Specialist II	113	1	1	1
Collection System Specialist I	112	3	3	2
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
Utilities CDL Driver	111	0	0	2
Administrative Assistant II	110	1	1	1
Facilities Maintenance Technician II	110	1	1	1
Operations Technician II	110	1	1	2
Shop Maintenance Technician II	110	1	1	1
Collection System Technician I	109	2	2	2
Collection Technician I	109	0	0	2
Facilities Maintenance Technician I	109	1	1	1
Maintenance Technician I	109	4	4	4
Operations Technician I	109	10	10	7
Shop Maintenance Technician I	109	1	1	1
Total Utilities		52	52	56
<b>Watershed &amp; Park Operations</b>				
Watershed & Parks Operations Manager	137	1	1	1
Senior Superintendent	126	1	1	1

Description	Pay Grade	FY20	FY21	FY22
Mission Reach Superintendent	124	1	1	1
Park & Dam Superintendent	124	1	1	0
Recreation Superintendent	124	1	1	1
Urban Reach Superintendent	124	1	1	1
Natural Resource Management Specialist	122	1	1	1
Training Specialist	121	1	1	1
Assistant Park & Dam Superintendent	120	0	0	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	0
Park Project Coordinator	113	1	1	1
Riparian Landscape Crewleader II	113	0	0	0
Riparian Operations Crewleader II	113	0	0	0
Dam Crewleader I	112	0	0	1
Lock & Dam Crewleader I	112	1	1	1
Park Crewleader I	112	2	2	3
Riparian Equipment Crewleader I	112	1	1	1
Riparian Landscape Crewleader I	112	4	5	4
Riparian Operations Crewleader I	112	2	2	2
San Pedro Creek Crewleader I	112	1	1	1
Senior Dam Technician	111	4	4	4
Senior Riparian Landscape Technician	111	1	1	0
Administrative Assistant II	110	1	1	1
Lock & Dam Technician II	110	1	1	0
Park Technician II	110	2	2	3
Riparian Equipment Technician II	110	1	1	1
Riparian Landscape Technician II	110	6	6	7
Riparian Operations Technician II	110	2	2	2
Administrative Assistant I	109	0	0	0
Dam Technician I	109	0	0	0
Lock & Dam Technician I	109	2	2	3
Park Technician I	109	5	5	4
Riparian Equipment Technician I	109	3	3	2

Description	Pay Grade	FY20	FY21	FY22
Riparian Landscape Technician I	109	14	15	15
Riparian Operations Technician I	109	6	6	5
Sustainable Landscape Technician I	109	0	0	2
CNG Mechanic (Part-Time)	103	1	1	1
Total Watershed Operations		81	83	83
<b>Breakdown by Employment Type</b>				
Full time Employees		269	276	281
Limited term Employees		2	2	1
Part time Employees		17	18	18
Elected Officials		12	12	12
Total		300	308	312



## 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>Summary</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

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**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

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<b>BBASC</b> Basin and Bay Stakeholder Committee	<b>O&amp;M</b> Operations and Maintenance
<b>BCCIP</b> Bexar County Capital Improvement Program	<b>QA/QC</b> Quality Assurance/Quality Control
<b>BMPs</b> Best Management Practices	<b>RAFB</b> Randolph Air Force Base
<b>BOD</b> Board of Directors	<b>RFP</b> Request for Proposal
<b>BRWM</b> Bexar Regional Watershed Management	<b>RFQ</b> Request for Qualifications
<b>BST</b> Bacterial Source Tracking	<b>RWRDG</b> Regional Water Resource Development Group
<b>CIP</b> Capital Improvement Plan	<b>SACIP</b> San Antonio Capital Improvement Projects
<b>CLOMR</b> Conditional Letter of Map Revision	<b>SAHA</b> San Antonio Housing Authority
<b>CRP</b> Clean Rivers Program	<b>SAR</b> San Antonio River
<b>CTP</b> Cooperating Technical Partners	<b>SARA</b> San Antonio River Authority (the River Authority)
<b>DFIRM</b> Digital Flood Insurance Rate Map	<b>SARB</b> San Antonio River Basin
<b>EAA</b> Edwards Aquifer Authority	<b>SARIP</b> San Antonio River Improvements Project
<b>EDYS</b> Ecosystem Dynamic Simulation	<b>SCADA</b> Supervisory Control and Data Acquisition
<b>FEMA</b> Federal Emergency Management Agency	<b>SCTRWPG</b> South Central Texas Regional Water Planning Group
<b>FWRS</b> Flood Warning and Response System	<b>SPC</b> San Pedro Creek
<b>GIS</b> Geographic Information System	<b>SR</b> Stream Restoration
<b>GPD</b> Gallons per Day	<b>TBL</b> Triple Bottom Line
<b>GSI</b> Green Stormwater Infrastructure	<b>TCEQ</b> Texas Commission on Environmental Quality
<b>GWSW</b> Ground Water Surface Water	<b>TIF</b> Tax Increment Financing
<b>HEC</b> Hydrologic Engineering Center	<b>TIRZ</b> Tax Increment Reinvestment Zone
<b>ICM</b> Integrated Catchment Modeling	<b>TWDB</b> Texas Water Development Board
<b>IGCR</b> Intergovernmental/Community Relations	<b>TxDOT</b> Texas Department of Transportation
<b>ILA</b> Interlocal Agreement	<b>UDC</b> Unified Development Code
<b>LEED</b> Leadership in Energy and Environmental Design	<b>USACE</b> U.S. Army Corps of Engineers
<b>LID</b> Low Impact Development	<b>USAR</b> Upper San Antonio River
<b>LIDAR</b> Light Detection and Ranging	<b>USGS</b> US Geological Survey
<b>LOMR</b> Letter of Map Revision	<b>WSC</b> Westside Creeks
<b>LSAR</b> Lower San Antonio River	<b>WSM</b> Watershed Management
<b>MGD</b> Million Gallons per Day	<b>WSMP</b> Watershed Master Plan
<b>MROC</b> Mission Reach Operations Center	<b>WW</b> Wastewater
<b>NCD</b> Natural Channel Design	<b>WWTP</b> Wastewater Treatment Plant
<b>NPS</b> National Park Service	