



EDWARDS AQUIFER
AUTHORITY

**2022 OPERATING BUDGET
ADOPTED NOVEMBER 9 2021**

SAN ANTONIO, TEXAS

INCLUSION • IMAGINATION • INNOVATION



**EDWARDS AQUIFER
AUTHORITY**

2022 Operating Budget

Adopted November 9, 2021

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GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

**Edwards Aquifer Authority
Texas**

For the Fiscal Year Beginning

January 01, 2021

Christopher P. Morrill

Executive Director



MESSAGE FROM THE GENERAL MANAGER

February 2, 2022

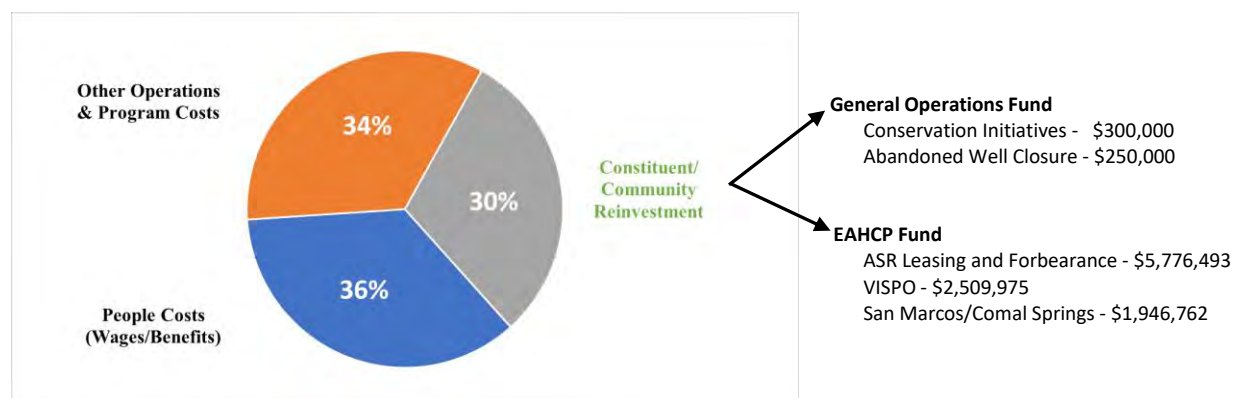


Presented herein is the 2022 Operating Budget of the Edwards Aquifer Authority (EAA). This budget, adopted by the EAA Board of Directors on November 9, 2021, provides funding for EAA operations and programs in support of our mission to manage, enhance, and protect the Edwards Aquifer as directed by the Texas Legislature through the EAA Act (Act).

This budget is divided into and supports two distinct programmatic funds: a General Fund of \$21.9 million in projected expenses, supported primarily by revenue generated through the assessment of a general aquifer management fee (AMF) of \$53 per acre-foot; and an Edwards Aquifer Habitat Conservation Plan (EAHCP) Fund of \$13.8 million in projected expenses, supported primarily by revenue generated through the assessment of a \$31 per acre-foot program AMF. Combined, these two funds make for a \$35.7 million comprehensive budget funded by an overall AMF of \$84 per acre-foot, a fee rate which remains unchanged since 2012. The adopted rate for each respective programmatic area contemplates the planned expenses and the resulting projected reserve balances for each fund discussed later in this document. Please note that in addition to AMFs, some revenues are generated through collections related to the settlement of compliance matters. These funds are not used to meet the operational requirements of the EAA. Instead, the Board has designated this revenue to be set aside in a Conservation/Aquifer Protection Fund as dedicated monies to provide funding for future and/or on-going special projects and programs related to the conservation and protection of the Aquifer.

Approximately 30% (\$10.8 million) of the \$35.7 million comprehensive budget is projected to be reinvested into program initiatives that benefit the region's varied interests in the sustainability of the aquifer. These program initiatives, diagramed below, are discussed in detail later in this document.

Constituent/Community Reinvestment 2022



EAA GENERAL FUND

The General Fund budget includes \$19.4 million in revenue and \$21.9 million in expenses (including capital outlays for equipment and debt service), representing an increase of 4.9% and increase of 6.3%, respectively, from 2021. The difference between the expenses and revenue results in a Net Loss of \$2.5 million, before depreciation, and will require the use of General Fund reserves from prior years. Possible utilization of reserves to cover operating and capital expenses is considered during the budget development process. The General Fund operating reserve balance is discussed in detail later in this document.

	Amended Budget FY2021	Adopted Budget FY2022	Variance	Percent Variance
Revenues				
Operating Revenues	\$ 18,441,617	\$ 19,360,046	\$ 918,429	5.0%
Non-Operating Revenues	59,100	40,000	(19,100)	-32.3%
Total Revenues	\$ 18,500,717	\$ 19,400,046	\$ 899,329	4.9%
Expenses				
Capital Expenses *	\$ 844,800	\$ 1,138,500	\$ 293,700	34.8%
Operating Expenses	19,749,304	20,748,006	998,702	5.1%
Total Expenses	\$ 20,594,104	\$ 21,886,506	\$ 1,292,402	6.3%
Net Income/(Loss)				
(Before Depreciation)	\$ (2,093,387)	\$ (2,486,460)	\$ (393,073)	
* Includes both equipment and note principal payments				

Revenues

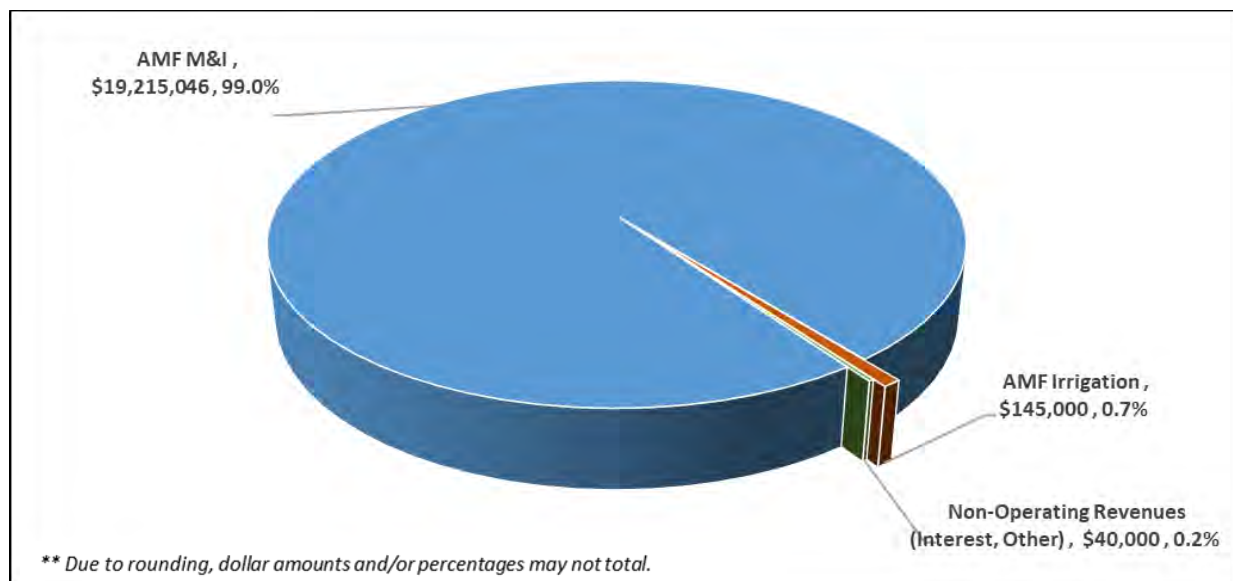
Operating Revenues

General Fund revenues are derived almost solely from the AMF charged to all groundwater withdrawal permit holders. By far, the largest source of EAA revenue is the AMFs paid by non-agricultural (Municipal and Industrial, or M&I) groundwater withdrawal permit holders. In 2022, the AMF rate changes from \$50 to \$53 resulting in an increase in General Fund revenue. As set forth in the EAA Act, M&I permit holders pay AMFs based on the amount of groundwater **authorized** to be pumped in a given year. Revenue from this source represents about 99% of total General Fund revenues in 2022, based on the \$53 per acre-foot AMF rate. Revenue from agricultural permit holders, who pay \$2 per acre-foot of groundwater **actually pumped** as set forth in the Act, represents less than 1% of the total budgeted revenue.

Non-Operating Revenues

Other non-operating revenue, representing about .2% of total General Fund revenue, consists of interest income and miscellaneous income. Interest income is expected to decrease in 2022, as interest rates decline and remain low throughout the year. Miscellaneous income (including application fees) is relatively insignificant.

**Total Revenues by Source
2022**

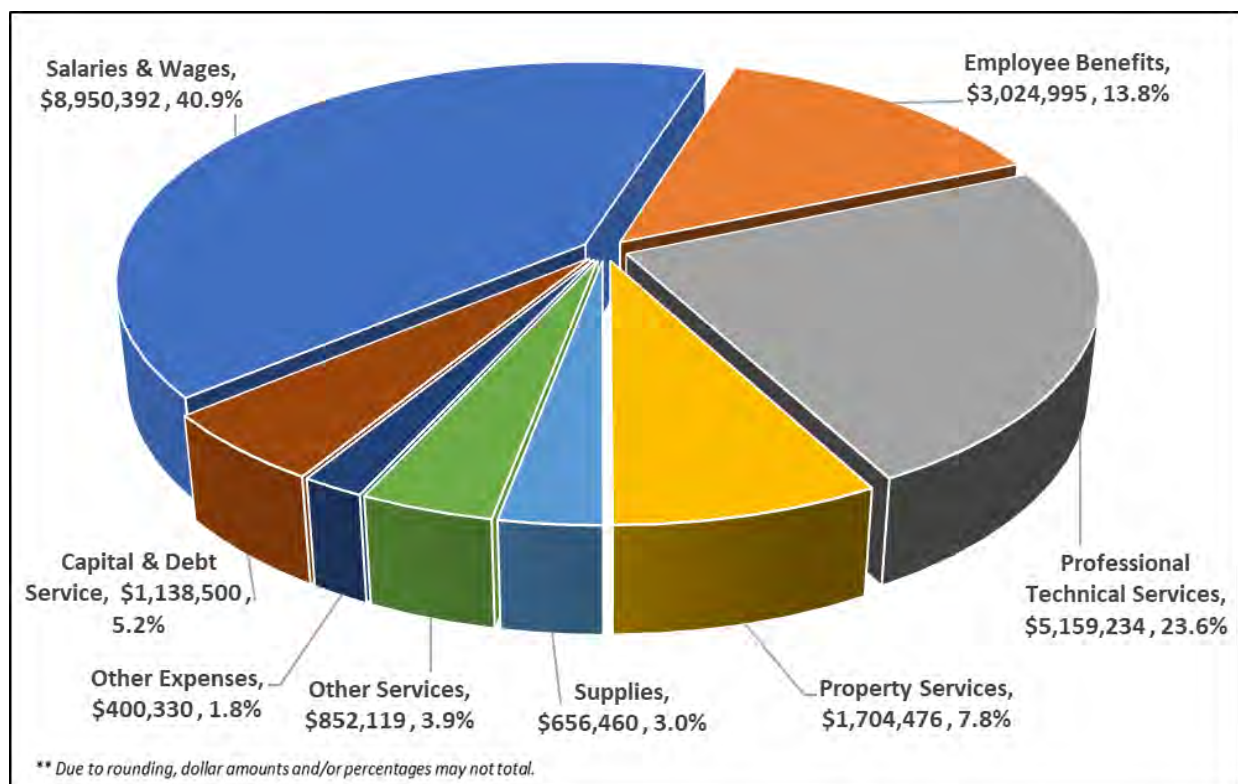


Expenses

This 2022 General Fund budget funds the programs and staffing necessary to accomplish the EAA's strategic initiatives and conduct daily operations. Expenditures (operating expenses, capital outlay and debt service) for 2022 total approximately \$21.9 million, representing a 6.3% increase from 2021. In 2022, approximately 55% of the budgeted General Fund expenses is

associated with employee salaries and benefits. Another 24% is for professional and technical services. The remaining categories, which include expenses such as Conservation Initiatives, Building Debt Service, Supplies, Property Services, Capital Outlays, and Other Services, make up the remaining 1% of total expenditures. The budget provides specific focus on funding strategic initiatives related to aquifer sustainability: water quality and quantity; aquifer protection and research; a first responder education program; and an abandoned well awareness, prioritization and closure program. Funding of expenses for the education outreach center (aimed at raising water conservation awareness and spotlighting the critical importance of the Edwards Aquifer and water, in general) and a dedicated field research park for aquifer research (principally for conducting long-term studies focused on aquifer sustainability and to develop, research and implement practices that lead to enhanced water quality and quantity of recharge to the aquifer) continue and are included in the 2022 budget, as are plans to expand the EAA's Automated Meter Reading program by providing the opportunity for irrigator volunteers to participate in the program and to explore pilot participation projects with potential industrial or municipal users. The 2022 budget also includes a cost share agreement between EAA and the City of San Antonio (City) by which the EAA is partly reimbursed by the City for providing technical support and monitoring services to the Edwards Aquifer Protection Program.

Expenses by Category 2022



General Fund Budget Highlights

Following is a list of Operating Expense highlights for 2022 that are over \$100,000, by project.

- Attorney services 600,000
- Employee cost-of-living/merit adjustments (incremental) 499,667

• Elections	450,000
• USGS Data Collection	380,000
• Interformational flow studies	355,000
• Conservation Initiatives	300,000
• Laboratory services	270,000
• Abandoned well closure assistance	250,000
• Above Ground Storage Tank Assistance	200,000
• Employee retirement contributions (incremental)	193,138
• Precipitation enhancement	175,000
• USGS Trinity-Edwards Aquifer mapping project	173,000
• Legislative services	150,000
• Database management/consulting assistance	150,000
• Education Outreach Center – Morgan’s Wonderland Camp – Facility rent	132,000
• Field Research Observatory/Hydrologic budget studies	130,000
• Debt service (building note interest expense)	100,330

Capital Budget and Debt Service

The 2022 General Fund operating expenses described above include a capital budget to fund those individual items that cost more than \$5,000 and have an expected life span of at least one year, as well as, the principal payment due on the 20-year general improvement note related to the building consolidation project completed in 2013 that matures in 2031. (The budget includes a total of \$330,330 in debt service: \$100,330 represents the payment of interest, which is budgeted as an operating expense; \$230,000 is budgeted as a reduction in the note principal.) The note principal payment amount increased \$140,000 in 2022 and will increase annually until maturity. The 2022 Capital/Debt Service Budget is approximately 34.8% higher than the 2021 Amended Capital/Debt Service Budget. This increase is predominantly related to the increase in vehicle replacements and development of a Conservation Easement Assessment Tool. Following is a list of the 2022 General Fund Operations Capital Budget highlights.

• Debt service (building note principal)	230,000
• Vehicle replacements (4)	200,000
• Conservation Easement Assessment Tool	200,000
• Building infrastructure and parking lot improvements	181,000
• Computer hardware/software (server upgrades, general staff requirements)	172,000
• Water sampling/logging/monitoring equipment	137,500
• Off-Road Vehicle (easement monitoring)	18,000

Designated Funds

In addition to the EAA’s standard operating expenses, funds have been designated to meet specific objectives set forth by the Board of Directors. A summary of each of these designations is provided below. Activities related to the fulfillment of each fund’s purpose have been included in the 2022 budget.

Abandoned Well Closure Assistance Fund

The Abandoned Well Closure Assistance Fund was established in 2010 as a funding source to provide qualified, low-income well owners financial assistance to resolve abandoned well compliance matters. By the end of 2021, the EAA will have closed nine abandoned wells as part of an initiative designed to implement and assess the effectiveness of the assistance program. For 2022, this program budget includes \$250,000 to continue assisting qualifying well owners in closing their wells.

Conservation/Aquifer Protection Fund

The Conservation/Aquifer Protection Fund receives revenue through compliance settlement agreements and is used for funding future and/or on-going projects and programs related to the conservation and protection of the Aquifer. The EAA does not use any of the revenue derived from compliance settlements for general fund operating expenses or capital purchases. For 2022, this program budget includes \$200,000 to continue assisting identified permit holders in replacing and upgrading above ground storage tanks (ASTs) over the aquifer recharge zone to protect against possible contamination related to damaged or non-compliant ASTs.

General Fund Operating Reserve

The 2022 budget assumes an ending operating reserve of \$6,082,331, which includes an undesignated portion of \$5,691,203. The ending operating reserve and undesignated operating reserve balances are 27.8% and 26.0%, respectively, of the 2022 budgeted expenses.

EDWARDS AQUIFER HABITAT CONSERVATION PLAN FUND

On March 18, 2013, the United States Fish and Wildlife Service (FWS) issued an Incidental Take Permit (ITP) to cover the use of the Edwards Aquifer and associated spring systems. The ITP is supported by the EAHCP and runs through March 2028.

In 2013, the EAA began implementing the EAHCP, which consists of a number of measures designed to maintain minimum springflows at Comal and San Marcos springs for the benefit of protected species, to improve habitat conditions at those springs, and to provide for artificial refugia in the event conditions warrant the removal of endangered species from their natural habitat.

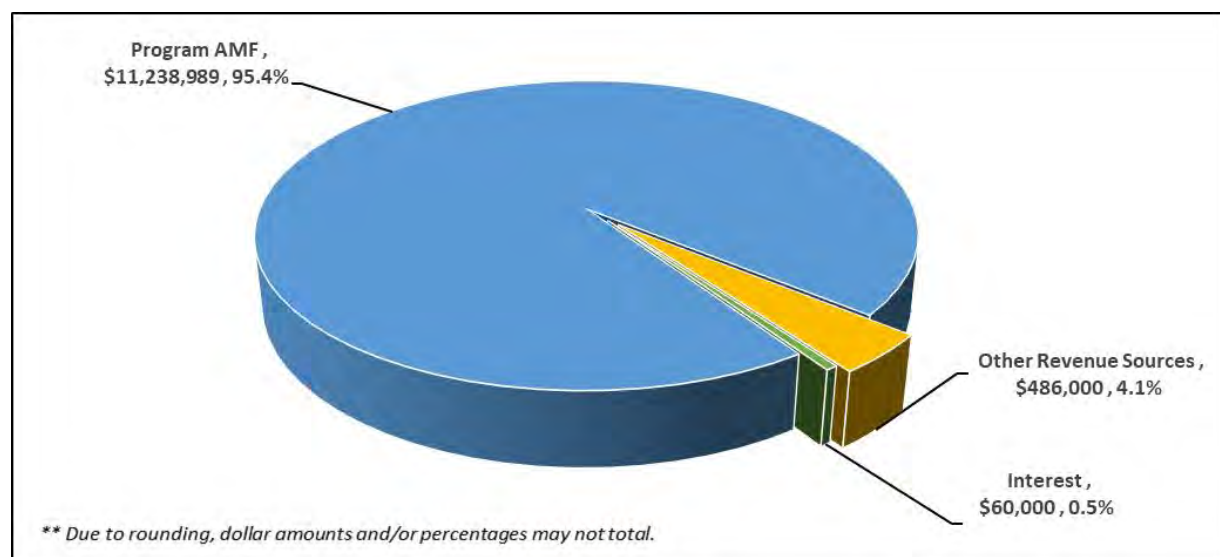
The 2022 EAHCP budget includes approximately \$11.8 million in revenue and \$13.8 million in expenses, resulting in a Net Loss of approximately \$2.0 million, before depreciation, and will require the use of EAHCP reserves from prior years. Possible utilization of reserves to cover operating expenses is considered during the budget development process. The EAHCP reserve balance is discussed later in this document. The EAHCP expense budget is derived largely from Table 7.1 of the EAHCP. For 2022, the EAHCP budget is less than Table 7.1 by \$3,156,907 largely due to funding of the Regional Water Conservation Program in the first half of the ITP.

	Amended Budget FY2021	Adopted Budget FY2022	Variance	Percent Variance
Revenues				
Operating Revenues	\$ 12,927,700	\$ 11,724,989	\$ (1,202,710)	-9.3%
Non-Operating Revenues	69,400	60,000	(9,400)	-13.5%
Total Revenues	\$ 12,997,100	\$ 11,784,989	\$ (1,212,110)	-9.3%
Expenses				
Capital Expenses	\$ 10,000	\$ -	\$ (10,000)	-100.0%
Operating Expenses	13,943,154	13,767,440	(175,714)	-1.3%
Total Expenses	\$ 13,953,154	\$ 13,767,440	\$ (185,714)	-1.3%
Net Income/(Loss)				
(Before Depreciation)	<u>\$ (956,054)</u>	<u>\$ (1,982,451)</u>	<u>\$ (1,026,396)</u>	

EAHCP Revenues

Operating revenue to fund the activities of the EAHCP are primarily derived from a program AMF, which is assessed against all M&I permit holders based on the amount of groundwater withdrawal permits authorized for 2022. The program AMF is \$31 per acre-foot for 2022, a \$3 per acre-foot decrease from 2021, resulting in a decrease in revenue. In addition to revenue collected through the assessment of program AMFs, the 2022 EAHCP Program budget includes pledged revenue from other entities. Seven organizations – the Guadalupe Blanco River Authority, Union Carbide, CPS Energy, the San Antonio River Authority, the City of Victoria, the Guadalupe Basin Coalition, and the Nueces River Authority – have pledged their intent to financially assist the EAA in the implementation of the EAHCP. Total revenue from these sources is budgeted at \$486,000 in 2022. Interest revenue, less than 1% of total revenue, is expected to decrease in 2022, as previously discussed in this document.

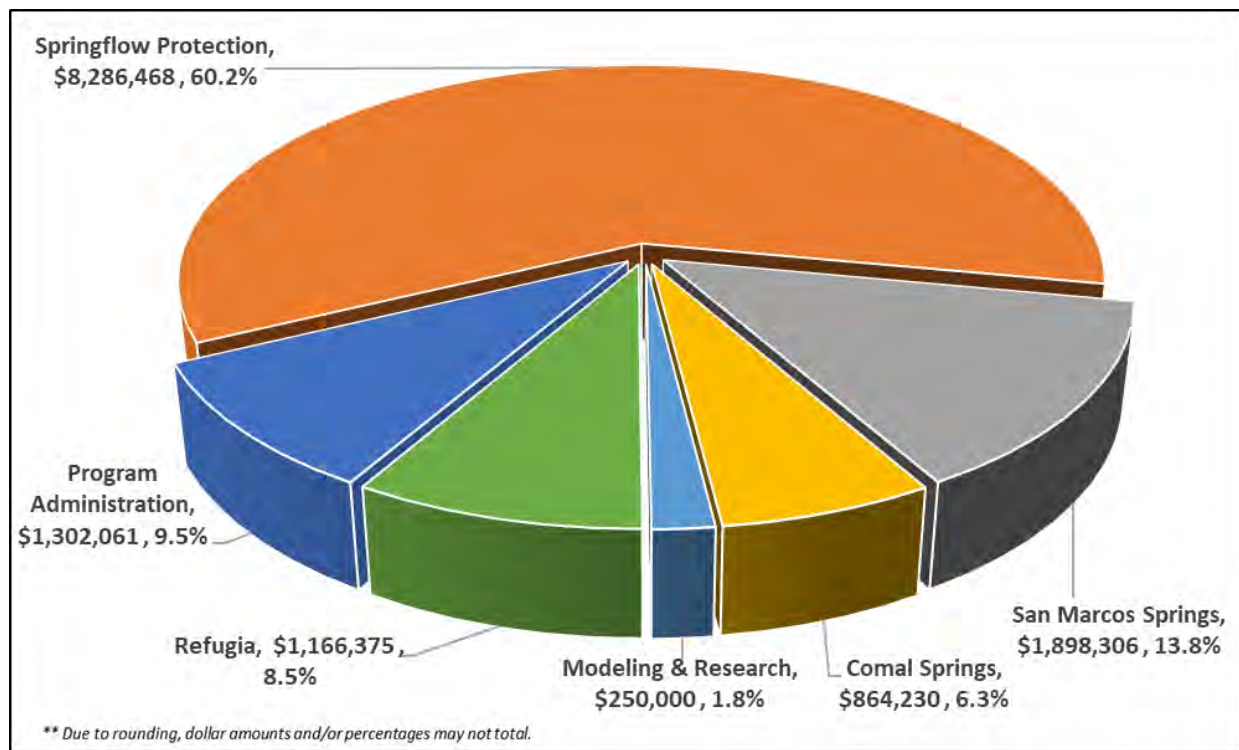
**Total Revenues by Source
2022**



EAHCP Expenses

The 2022 EAHCP Fund budget totals approximately \$13.8 million, a 1.3% decrease from the amended 2021 budget. This budget will fund the conservation measures mentioned below. The Springflow Protection conservation measures account for about 60.2% of the EAHCP budget. A major conservation measure is the Voluntary Irrigation Suspension Program Option (VISPO), which requires payment to Edwards groundwater withdrawal permit holders for forbearance of enrolled water when aquifer levels decline to certain critical levels. Based on current aquifer conditions, suspension payments related to VISPO will not be made in 2022. As such, the 2022 budget includes funding for VISPO stand-by payments only in the amount of \$2.5 million. The budget also includes funding to support the use of the San Antonio Water System's (SAWS) aquifer storage and recovery (ASR) project as another significant EAHCP Springflow Protection conservation measure. Under this program, the EAA acquires Edwards groundwater for the purpose of injecting into the SAWS ASR for storage and use during a drought of record. The injection goal of 126,000 acre-feet of groundwater into the SAWS ASR was met in 2020; therefore, the 2022 budget includes only ASR lease and forbearance agreement payments in the amount of \$5.8 million, but no ASR operation costs. Another Springflow conservation measure, the Regional Water Conservation Program, is fully enrolled and will not incur any expenses in 2022. The remaining 39.8% of the EAHCP budget will fund various activities and work plans to be implemented by the signatories to the plan during 2022: the EAA, the City of New Braunfels, the City of San Marcos, the City of San Antonio through SAWS, and Texas State University.

**Expenses by HCP Measure
2022**



EAHCP Reserves

The 2022 budget assumes an EAHCP ending reserve balance of \$27.0 million. The EAA's goal has been to maintain a minimum EAHCP ending reserve balance of \$26.4 million to help absorb costs associated with the potential triggering of ASR and VISPO springflow protection measures during historic drought years. In 2022, the EAA will review the assumptions used to calculate this minimum reserve goal to evaluate whether those assumptions are still valid. Section 7.1 of the Habitat Conservation Plan identifies a reserve fund cap of no more than \$46 million.

Summary

In conclusion, I am confident that this budget for 2022 sufficiently provides for the EAA's strategic initiatives identified by the Board of Directors while demonstrating responsible fiscal stewardship on behalf of the EAA permit holders, who largely fund our operation. I want to thank our permit holders for their continued collaboration, EAA staff for its hard work in developing this budget, and the Board of Directors for its steadfast diligence to upholding fiscally sound and responsible standards of management practices at the EAA. If you have any questions, please call me at (210) 477-5143, or Brock Curry, Deputy General Manager, at (210) 477-5146.

RR:BJC/sh



Board of Directors

<u>County/District No.</u>	<u>Director</u>	<u>Term Expires</u>
Bexar County		
District 1	Carol Patterson	December 1, 2022
District 2	Byron Miller, Treasurer	December 1, 2024
District 3	Abelardo A. Salinas, III	December 1, 2022
District 4	Benjamin F. Youngblood, Secretary	December 1, 2024
District 5	Randall Perkins	December 1, 2022
District 6	Deborah Carington	December 1, 2024
District 7	Enrique Valdivia, Vice-Chairman	December 1, 2022
Comal County		
District 8	Kathleen Tobin Krueger	December 1, 2024
Comal & Guadalupe Counties		
District 9	Ron Walton, Sr.	December 1, 2022
Hays County		
District 10	Austin Bodin	December 1, 2024
Hays & Caldwell Counties		
District 11	Rachel Allyn Sanborn	December 1, 2022
Medina County		
District 12	Scott Yanta	December 1, 2024
Medina & Atascosa Counties		
District 13	Luana Buckner, Chairman	December 1, 2022
Uvalde County		
District 14	Don Baker	December 1, 2024
District 15	Rader Gilleland	December 1, 2022
South Central Texas Water Advisory Committee Representative		
	Gary Middleton	December 1, 2024
Medina/Uvalde County Representative (<i>appointed by Commissioner's Court</i>)		
	Fohn Bendele	December 1, 2024

Format of the Budget Document

This document is the annual budget for the Edwards Aquifer Authority, hereafter referred to as the “EAA”, for the period January 1, 2022 through December 31, 2022. A budget is a formal plan of action for a specified period of time that is expressed in monetary terms. This document details the EAA plan for FY2022.

The budget document is divided into seven sections: Introduction, Budget Overview, Financial Overview, Department Detail, Capital Program, Performance Measures, and Appendices. The budget document is organized with the summary information at the beginning and the detailed information toward the back. Each section contains information related to the budget process and/or the approved budget.

Budget Overview

This section of the budget document begins with an introduction on the creation Edwards Aquifer Authority, description of the Edwards Aquifer and issues, and profile of San Antonio, the largest metropolitan service area the EAA serves. Next is an outline of the budget process as well as a description of the various assumptions used and policies that affect the development of the budget.

Financial Overview

This section of the budget document includes a summary of the annual budget. Revenues are presented by source and expenses are detailed by category. A summary of changes from the proposed budget to the final adopted budget is included, as well as, a 5-year forecast.

Division/Department Detail

This section details the individual teams of the EAA. It includes an agency-wide organizational chart, detailed expense budget by teams/departments as well as their respective responsibilities. Additionally, personnel levels required to meet the needs of the EAA in the coming fiscal year are presented.

Capital Program

This section defines capital expenditures, provides a multi-year capital plan with recurring and non-recurring capital expenditures highlighted, and a description of the various capital projects planned for the next fiscal year.

Performance Measures

This section details the performance measures for the EAA.

Appendices

This section includes a copy of the Strategic Plan, a copy of the authorizing resolution, a copy of the amortization schedule, a copy of the 5-year forecast presentation to the EAA board, and a glossary of terms and acronyms used throughout this document.

BUDGET OVERVIEW

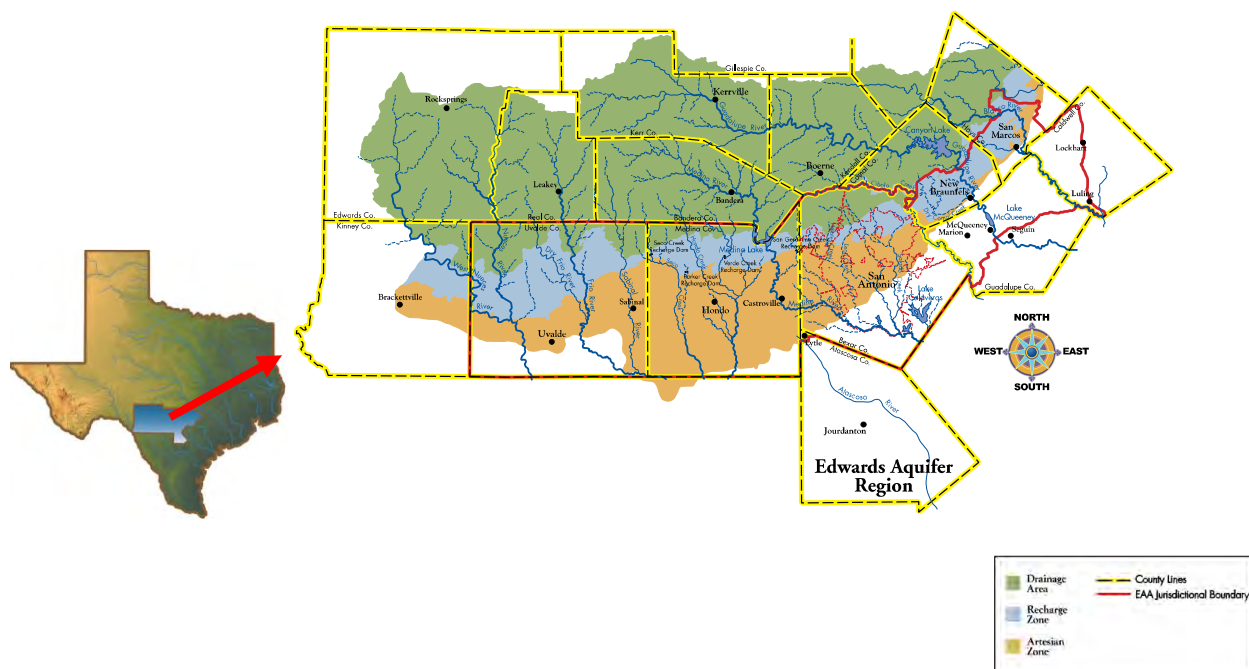
Introduction

The Edwards Aquifer Authority (EAA) was created in 1993 by the Texas Legislature's passage of the Edwards Aquifer Authority Act (Act) as a special regional water management agency in charge of managing the San Antonio segment of the Balcones Fault Zone Edwards Aquifer, more commonly referred to as the Edwards Aquifer. This jurisdictional area encompasses all or parts of eight counties including Uvalde, Medina, Atascosa, Bexar, Comal, Guadalupe, Hays and Caldwell counties. In all, the Edwards Aquifer is the primary source of water for approximately two million people living in south central Texas.

Article 1, Section 1.01 of the Act identifies the Edwards Aquifer as:

A unique and complex hydrological system, with diverse economic and social interests dependent on the aquifer for water supply. In keeping with that finding, the Edwards Aquifer is declared to be a distinctive natural resource in this state, a unique aquifer, and not an underground stream. To sustain these diverse interests and that natural resource, a special regional management district is required for the effective control of the resource to protect terrestrial and aquatic life, domestic and municipal water supplies, the operation of existing industries, and the economic development of the state. Use of water in the district for beneficial purposes requires that all reasonable measures be taken to be conservative in water use.

Below is a map of the Edwards Aquifer Region.



The Edwards Aquifer system is about 180 miles long from west to east and about 5 to 40 miles wide north to south. It lies under about 3,320 square miles of land across portions of 10 counties. However, the actual aquifer is just part of a complex hydrologic system that includes 17 counties and about 8,760 square miles. The system consists of three segments: the drainage area, the recharge zone, and the artesian zone.

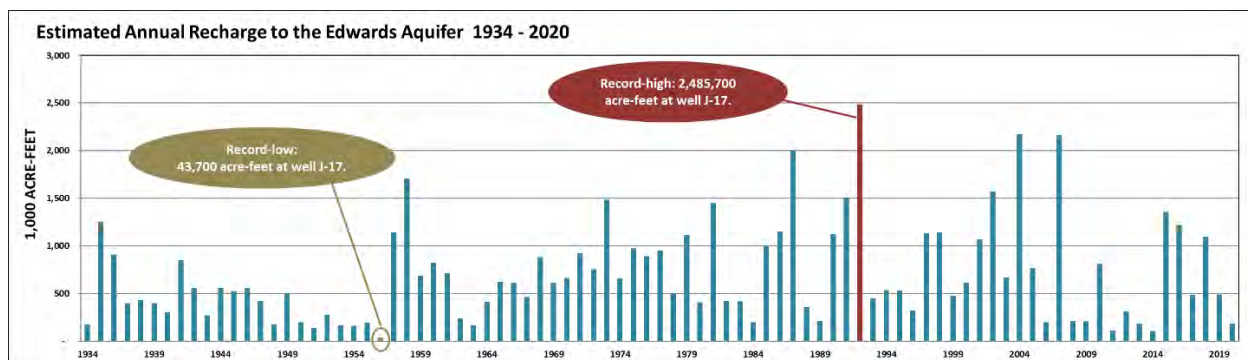
Segments of the Edwards Aquifer

In the Drainage Area, rainfall soaks into the rock to form a large water table aquifer in the Edwards Plateau. Water then flows from the edge of the Edwards Plateau to form spring-fed streams. The streams flow downhill to the recharge zone.

In the Recharge Zone, Edwards Limestone is exposed on the land surface. Water from the streams and rivers, as well as from rainfall, flows into the limestone's fractures and faults, caves and sinkholes. The water sinks into the ground where it flows to the artesian zone.

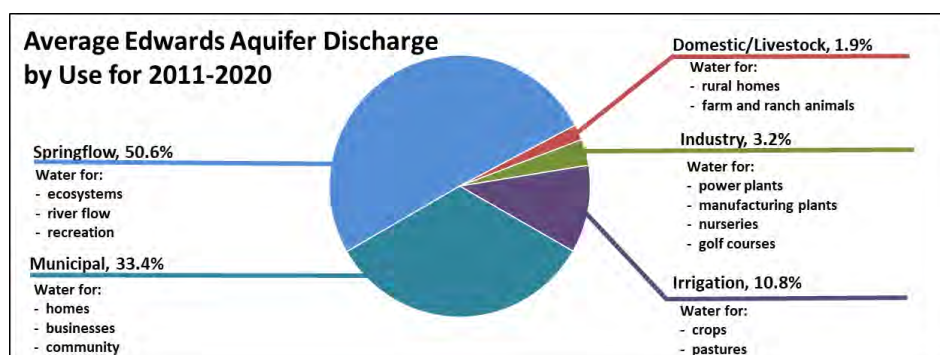
In the Artesian Zone, water flows underground generally from west to east through the Edwards Limestone. Within the limestone exists an intricate network of interconnected voids that vary in size from microscopic up to several feet in diameter. These voids are filled with water that is under artesian pressure. When there is enough pressure, some of the water is forced to the surface through faults and fractures to form natural artesian springs.

The amount of water that flows into the Edwards Aquifer each year depends on rainfall amounts. From 1934 to 2020 (period of record), the average amount of recharge was 700,034 acre-feet per year. However, the actual amount of recharge to the aquifer can vary greatly from year to year. In 2020, the estimated amount of recharge was 184,000 acre-feet.



Water use today

The Edwards Aquifer, through springs and wells, provides water for people in cities and on farms. The chart below shows the different ways the aquifer is used. Together, spring flow, municipal, industrial and irrigation uses account for approximately 100% of the water discharged from the Edwards Aquifer.



Life in the aquifer

Besides supplying water for people, the aquifer is home to many different species. Organisms that live underground in the aquifer include invertebrates such as flatworms, snails, and a variety of crustaceans—including shrimp, amphipods, copepods, ostracods and isopods—as well as vertebrates such as salamanders and fish. Many species, ranging from invertebrates, fish, salamanders, turtles, to plants also live in the springs and rivers that depend on the aquifer for their water flow.

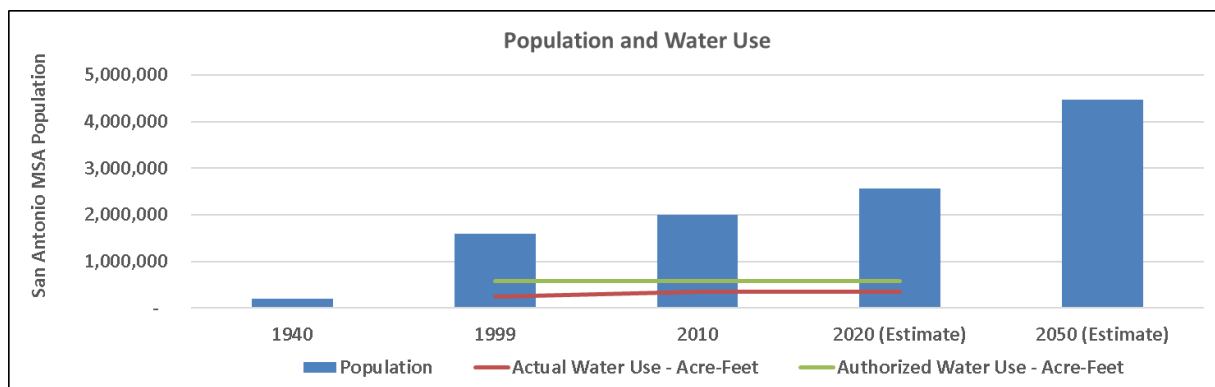
Eight species that live within the Edwards Aquifer ecosystem have been designated as either threatened or endangered by the United States Fish and Wildlife Service. A species receives this designation because its habitat is limited and in danger of decline or deterioration, or the species is in danger of declining populations.

On March 18, 2013, the United States Fish & Wildlife Service (USFWS) issued an Incidental Take Permit (ITP) for the use of the Edwards Aquifer and associated spring systems. The ITP is supported by the Edwards Aquifer Habitat Conservation Plan (EAHCP) and will expire in March 2028.

Along with the other Permittees, the EAA began full implementation of the EAHCP in 2013 which consists of a number of measures designed to maintain minimum springflows at Comal Springs and San Marcos Springs, improving conditions at those springs, and providing for artificial refugia in the event conditions warrant the removal of endangered species from their natural habitat. The EAA manages the EAHCP budget and all financial transactions separately from the EAA Fund.

The future of the Edwards Aquifer

The Edwards Aquifer has provided clean, fresh water for thousands of years. However, as the region has developed and grown, so has the demand for water, as well as the risk for the aquifer to become polluted. In 1940, about 200,000 people depended on the water from the aquifer. According to the 2020 U.S. Census, that number grew to approximately 2.5 million people – 12.8 times the number of people in 1940 and the population is continuing to grow. By 2050, the population for the Edwards region is expected to reach 4.5 million.



Source: Texas Demographic Center, U.S. Census Bureau; EAA Permit Database; EAA Act

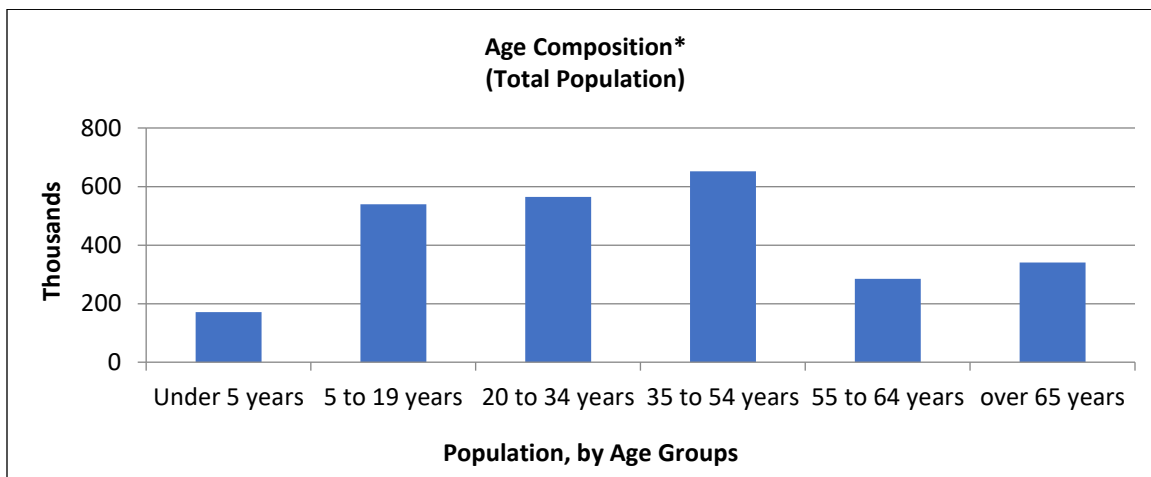
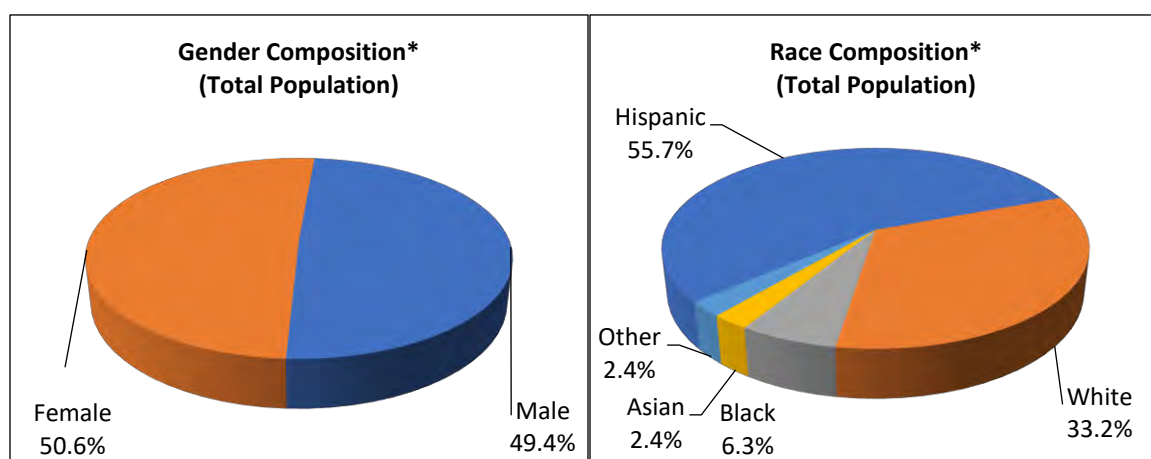
Prior to the adoption of the Act, well owners could withdraw an unlimited amount of groundwater from the aquifer. Today, the Act restricts the amount of groundwater that can be

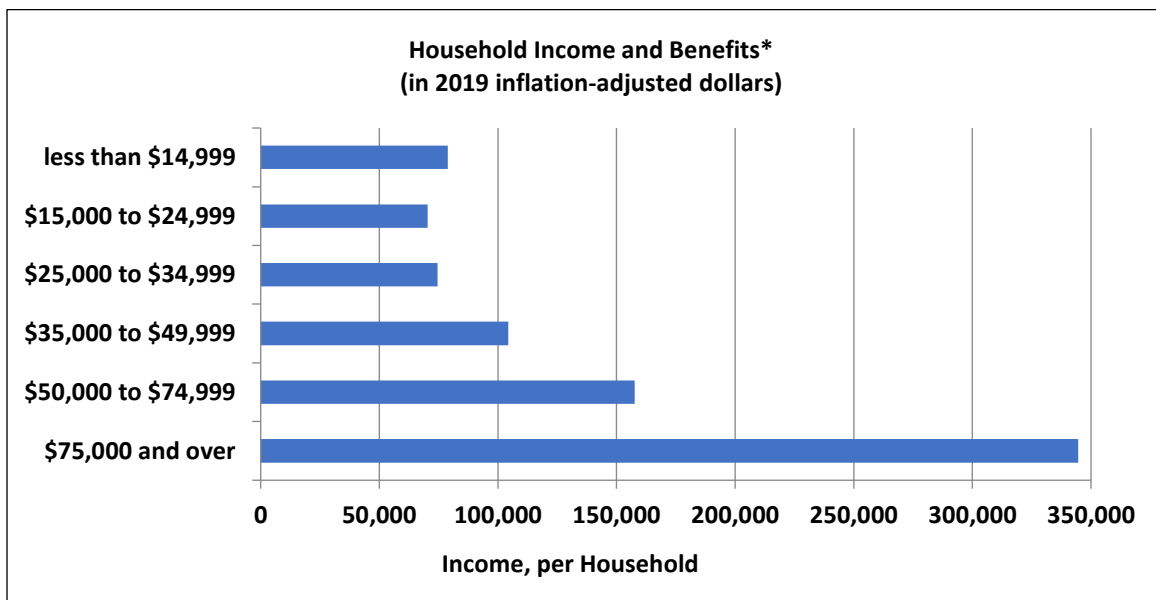
withdrawn from the aquifer to no more than 572,000 acre-feet. In 1999, the EAA began a permit program to manage the amount of water that can be pumped from the aquifer. By 2020, records show that while the region’s population increased 60.4%, permitted pumpers only withdrew 42.3% more water from the aquifer than they did in 1999 when the permitting program was initiated. Water use varies from year to year based on multiple factors including population, rainfall, and water management. Under the EAA’s management, groundwater is being used more carefully and wisely, benefiting the entire region – confirmation of meeting the stated mission of the EAA. To meet the future needs of the region, water suppliers are looking for and relying on alternative resources to decrease dependence on the Edwards Aquifer.

San Antonio Profile

The following pages contain selected economic, social, housing and demographic characteristics for the City of San Antonio, the largest metropolitan area served by the Edwards Aquifer Authority. Statistics were provided through the Texas Labor Market Information and U.S. Census Bureau websites with the most current data available.

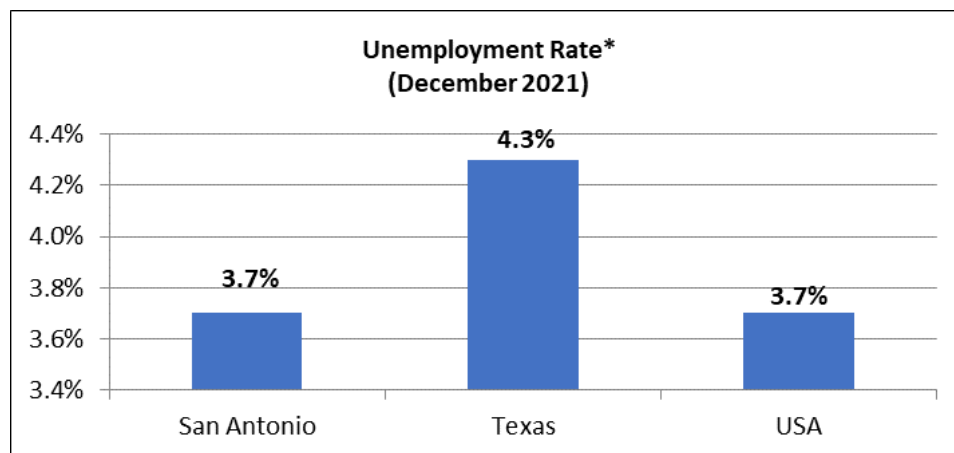
The gender, race and age compositions of the San Antonio MSA are presented below, as well as household income, presented in 2019 inflation adjusted dollars (the latest information available).





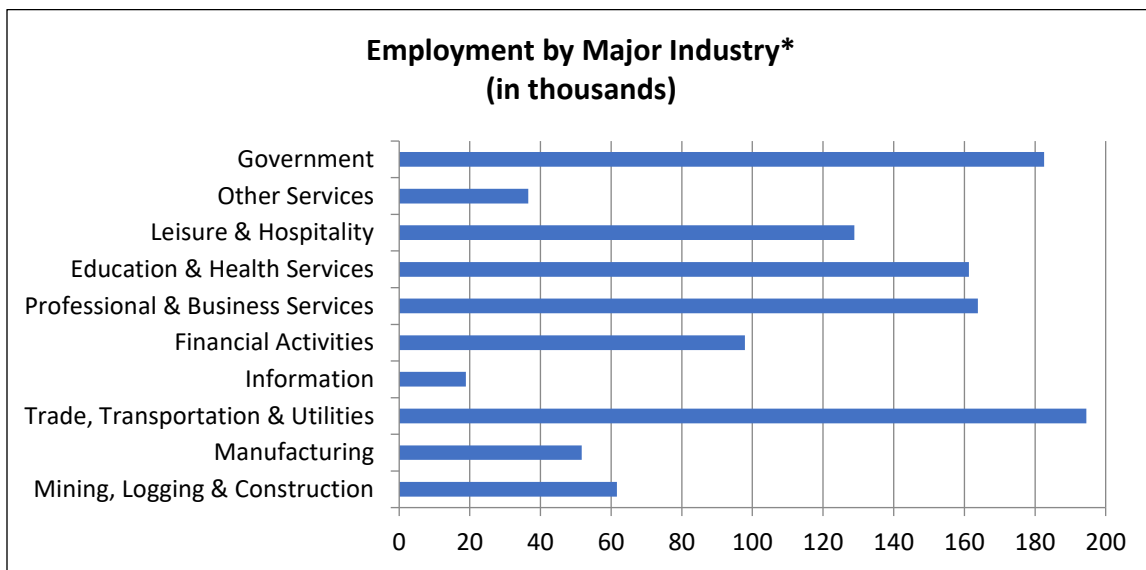
*Source: U.S. Census Bureau

As of December 2021, the unemployment rate for San Antonio is 3.7%, which is below the unemployment rate of 4.3% for the State and equal to the national rate of 3.7%. Improvements in the unemployment rates were seen in each of these categories from the prior year.



*Source: Labor Market and Career Information Department, Texas Workforce Commission

The San Antonio economy is predominately based on the following sectors: trade, transportation & utilities; government; education/health services; tourism; and business/financial services. By far, the largest employer in the area is the Military, employing approximately 74,000 direct personnel, including civilian-related employment. Active military installations include Joint Base San Antonio and Brooks City-Base (formerly Brooks Air Force Base).



Governance

As a political subdivision of the State of Texas, the EAA is governed by a 17-member board of directors. Fifteen of the directors are elected by popular vote from single-member user districts and two are appointed – one on an alternating basis by the commissioners’ courts of Medina and Uvalde counties, and the other by the South Central Texas Water Advisory Committee (SCTWAC). SCTWAC advises the EAA Board of Directors on downstream water rights and issues. At least one representative from each county helps the EAA manage the aquifer. Directors represent agricultural, industrial, domestic, municipal, spring and downstream user groups.

2022 Budget Assumptions

This budget will provide funding for the EAA programs that support the mission to manage, enhance and protect the Edwards Aquifer as directed by the Texas Legislature through the EAA Act. The main underlying plan is the prioritization of the importance of people, practical programming and effective processes to achieve the goals set forth in the strategic plan. The assumptions listed below were used in the development of the approved 2022 budget:

- Two distinct programmatic funds supported: General Operations Fund and an EAHCP Fund
- Maintain a stable, unchanged total combined fee amount charged to permit holders
- No debt incurred to meet the 2022 operating budget obligations
 - The current general operations reserve balance is available to cover unanticipated expenditures not currently budgeted without the need to incur debt.
- Capital Budget, funded by the General Operations Fund, includes:
 - Debt service (building note principal)
 - Vehicle replacements (4)
 - Conservation Easement Assessment Tool
 - Building infrastructure and parking lot improvements

- Computer hardware/software (server upgrades, general staff requirements)
- Water sampling/logging/monitoring equipment
- Off-Road Vehicle (easement monitoring)
- Funding for staff cost of living/merit increases is budgeted at an average of 6% per employee

The EAA accounts for its operations using the enterprise fund system. Enterprise funds are used to account for operations (a) that are financed and operated in a manner similar to private business enterprises where the intent of the governing body is that the costs of providing goods or services to the general public on a continuous basis be financed or recovered primarily through user charges; or (b) where the governing body has decided that periodic determination of revenues earned, expenses incurred, and/or net income is appropriate for capital maintenance, public policy, management control, accountability, or other purposes.

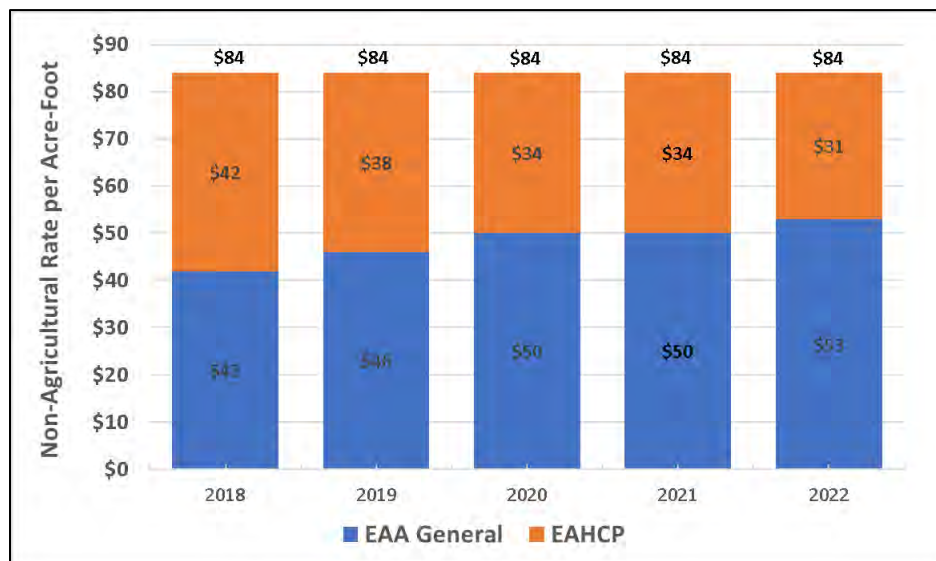
As an enterprise fund, the budget is prepared on a full accrual basis of accounting. That is, expenses are recognized when incurred and revenues are recognized when earned. The Comprehensive Annual Financial Report is developed in accordance with generally accepted accounting principles (GAAP) using the accrual basis of accounting as well.

A Glossary is included as Appendix E in this document which provides definitions of various terms used throughout the budget document.

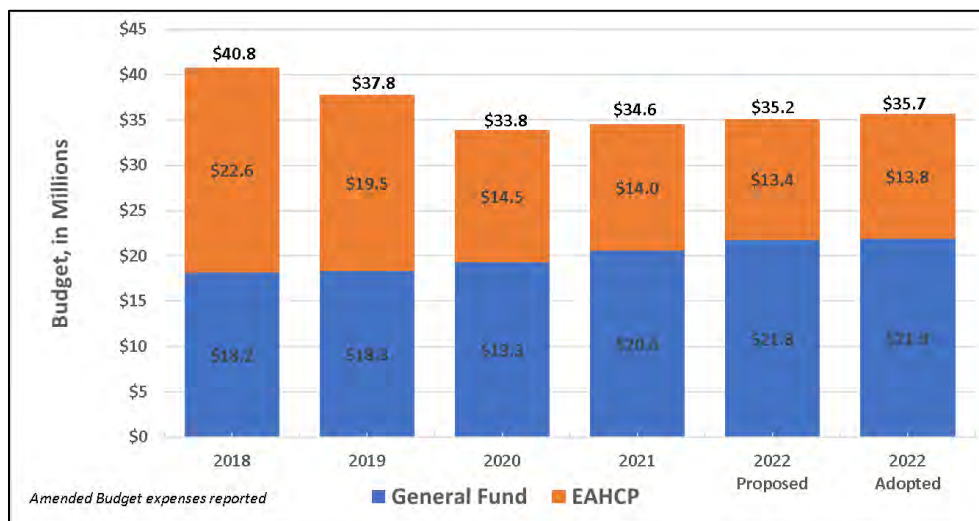
Budget Trends

The below charts provide the budget trends for the past 5 years.

As previously noted, the comprehensive budget is funded by an overall AMF of \$84 per acre-foot, a fee rate which remains unchanged since 2012. Revenues generated from AMFs represent approximately 97% of overall budgeted revenue.



Budgeted expenses are shown below for each fund. For years prior to 2022, the amended budget amounts are shown.



During the budget adoption process, changes were made to the proposed budget as costs and/or needs changed. The changes from proposed to adopted budget, by fund, are noted in the table below:

	<u>2022</u>
General Fund - Proposed Budget	\$ 21,759,506
Change: Vehicle Purchases	127,000
General Fund - Adopted Budget	<u>\$ 21,886,506</u>
EAHCP Fund - Proposed Budget	\$ 13,377,063
Changes: San Marcos Springs	
LID/BMP Management	400,000
Litter Control/Floating Vegetation	(2,879)
Non-Native Animal Species Control	(6,744)
EAHCP Fund - Adopted Budget	<u>\$ 13,767,440</u>

Budget Process

The EAA is required to adopt an annual budget before the commencement of a new fiscal year. The fiscal year for the EAA begins on January 1st and ends on the following December 31st. The Board adopted the 2022 budget on November 9, 2021 and complies with the financial policies noted in this document. The EAA's planning and budget development schedule is generally a seven-month process.

May – June	-Development of the 5-year financial forecast template for input -Meet with General Manager and executive staff
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- Executive staff provides inputs for the 5-year forecast
- Finalize 5-year forecast and extend to 10-year forecast for review/consideration at Board

July – September

- Development of the next year budget, using 5-year forecast as stepping stone
- Meet with General Manager to discuss proposed budget
- Preparation of proposed budget
- Presentation of proposed budget to Board
- Proposed budget available to the public

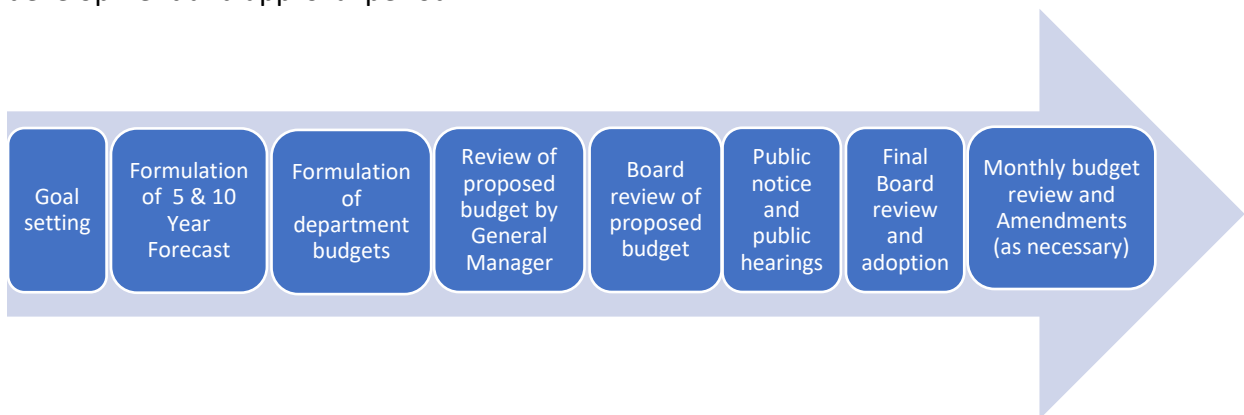
October

- Public hearing on annual budget for public review/input
- Final Budget prepared for Board consideration

November

- Board approval of annual budget

Below is a graphical depiction of how the EAA's budget process flows over its seven-month development and approval period.



Goal Setting

The EAA's budget process involves the Board of Directors, management and the public and begins with the Board's establishing goals for the EAA that drive the five-year strategic planning process. Each year, consultants and EAA staff review the strategic goals of the EAA. These goals are reviewed for attainment, evaluated and adjusted according to Board input, including legislative changes, if applicable. The strategic plan for 2021 - 2030 is included as Appendix A in this document.

Formulation of 5 & 10 Year Forecast

Consistent with the strategic goals of the EAA, executive staff establishes a long-term forecast to support the goals of the strategic and operational plan. The budget planning process begins with the development of the Financial Forecast (Forecast) in May, whereby the Department Directors and Executive Directors identify programmatic spending priorities for the next five fiscal years with an emphasis on expenditures for the coming fiscal year. The 5-year forecast is extended to a 10-year forecast in order to provide a long range view of possible rate impacting decisions. The

5-year Forecast becomes the primary planning document for the General Manager's Proposed Budget.

Formulation of the Departmental Budget

Using the Forecast as a precursor for the upcoming budget year, executive staff further refines department budgets that are sufficient to support the goals as stated in the Strategic Plan. Detailed department budgets can be found in the detail section of this document. Expenses and capital purchases are budgeted annually. Once the budget information is developed, Accounting staff compiles the information electronically and consolidates the department budgets into an overall EAA budget.

General Manager Review

The preliminary operating budget is compiled and submitted to the General Manager for review. During this process, the budget is reviewed at the individual department's line item detail level and non-routine expenditures, estimates, capital purchase requests, as well as staffing increases are all considered for reasonableness and necessity. The proposed budget is also reviewed from the aspect of making sure it is in sync with the overall goals set forth in the Strategic Plan. The proposed budget is then drafted and presented to the Board for their consideration.

Board review of Proposed Budget

The proposed budget is presented to the Board for review for comments and revisions (if necessary). Highlights of the proposed budget are discussed including new initiatives, staffing increases and agency programs. The Board then directs staff to make the proposed budget available to the public for comment.

Public Notice and Public Hearings

The proposed budget is made available to the public through public notices initiating a public review and comment period. Public hearings are held throughout the EAA's jurisdictional area where feedback and input from the public is documented and shared with the Board.

Final Board Review and Adoption

The Board reviews the final budget and recommends the budget be adopted as presented or with changes recommended by the public, EAA staff, or the Board itself. The Board Resolution and Order adopting the budget is included in Appendix B in this document. According to the EAA's bylaws, each annual budget adopted by the Board shall set forth:

1. Estimates of the amount of funds available from all sources for expenditure by the EAA during the next fiscal year; and
2. Allocations of the amount of funds that may be expended during the forthcoming fiscal year. Such allocations shall vest with the General Manager's full authority, without further authorization of the Board, to expend funds of the EAA in amounts up to, but not

exceeding, the amounts specifically allocated for such purposes in the annual budget, except as otherwise noted in the Bylaws.

Budget Review and Amendment Process

During the fiscal year, the General Manager submits monthly operating statements to the Board showing the status of allocations and expenditures. The expenditures of the EAA are charged against funds allocated for the purpose for which such expenditures are made in accordance with generally accepted accounting principles (GAAP).

The EAA may not have expenses in excess of the total budgeted expenses for a fiscal year as adopted unless the Board amends the budget. The annual budget may be amended or revised after its adoption at any meeting of the Board. However, the General Manager may transfer funds as needed between budgeted accounts according to the following provisions of the EAA's Bylaws:

1. The General Manager may not increase total budgeted expenses.
2. Transfers must be within the General Manager's signature authority (\$50,000);
3. Transfers will be reported to the Finance/Administrative Committee quarterly (at a minimum). Administrative transfers are reported as part of staff's monthly presentation of EAA financial statements to the Financial/Administrative Committee and Board.

Financial Policies

The following financial policies provide information relevant to the fiscal operation of the EAA. The purpose of the policies is to provide guidelines for operational and strategic decision making. The policies are reviewed as needed and updated to reflect changes in generally accepted accounting principles, operational requirements and Board direction, where applicable.

Funds

Net position is the excess amount of assets over liabilities (or Fund Balance). An adequate balance is necessary to ensure funds are available to provide cash for both current and future needs. Funds constrained by local or state laws or contractual obligations are categorized as Restricted Net Position. Unrestricted Net Position include funds which have been set aside by the Board for purposes deemed to be prudent, but not legally required.

The General Operations Fund is categorized as Unrestricted because the funds derived from the aquifer management fee are not contractually obligated or legally required to be used for a specific purpose, but rather for purposes deemed prudent by the Board. As such, Unrestricted Net Position includes amounts set aside to provide financial resources to protect the EAA against revenue shortfalls or unpredicted one-time expenditures; assistance for qualified owners of abandoned Edwards Aquifer wells to bring wells into compliance with EAA rules and state law; conservation grants and programs; and funding for mitigation expenses related to implementation of the EAHCP.

The EAHCP Fund is categorized as Restricted because the funds derived from the program aquifer management fee are contractually obligated to fulfill the requirements set forth in the EAHCP

Plan. As noted earlier, the EAHCP Plan was filed with USFWS as part of the ITP. Therefore, Net Position related to the EAHCP Fund are Restricted and reported separately.

Investment Policy

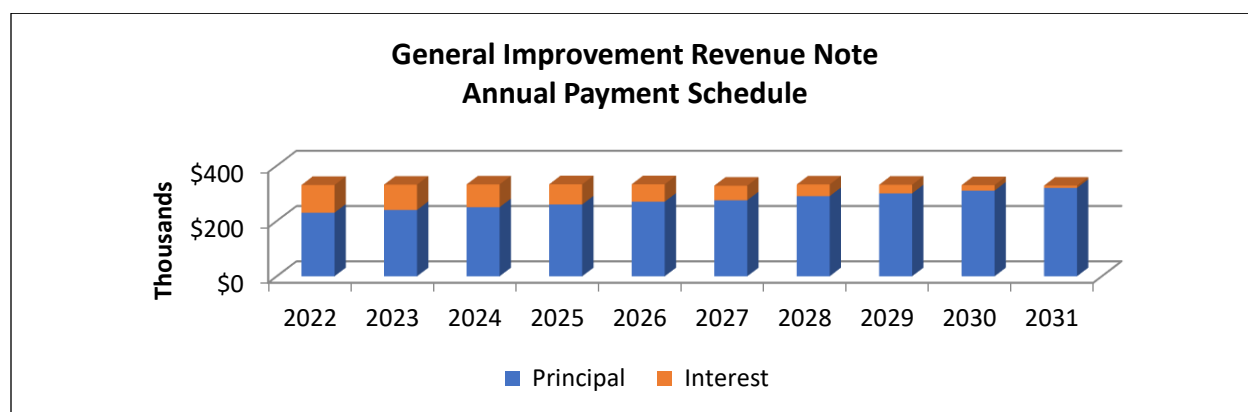
The EAA recognizes that an effective investment policy is an essential element of sound fiscal management. The EAA's investment policy is reviewed and approved annually by the Board of Directors as required by the Public Funds Investment Act of the State of Texas as well as the EAA Bylaws. The investment policy outlines the primary objectives, in order of priority, as follows:

1. Preservation and safety of principal
2. Liquidity
3. Investment diversification
4. Reasonable yield
5. Appropriate maturity dates
6. The enhanced quality and capability of investment management

The policy delegates responsibility for oversight of the program, defines the standard of prudence to be exercised in managing the portfolio by the investment officers, outlines the investment strategy, provides for the formulation of a system of internal controls, and defines the investments that are considered allowable under the policy and the parameters for diversification. EAA staff reviews all investments to ensure compliance under the investment policy. Quarterly reports of the performance of the portfolio are provided to the Board of Directors.

Debt Policies

The EAA has a 20-year general improvement revenue note originally issued in the amount of \$3,370,000 for the sole purpose of funding the building consolidation project. Construction began in 2011 and completed in January 2013. The note matures in 2031 and carries 3.76% annual interest rate. A total of \$330,329 in debt service payments of principal and interest of \$230,000 and \$100,330, respectively, has been appropriated for 2022. The EAA will repay the note over a period of time that does not exceed the useful life of the asset. Appendix C in this document includes the amortization schedule for the life of the note; a graphical representation of the remaining principal and interest payments is as follows:



The EAA did not use proceeds from the note issuance to fund current operations. Furthermore, the EAA does not foresee any need to acquire additional financing for activities in the near term, including 2022. As discussed in various sections of this document, the EAA's unrestricted fund balance will be utilized, if needed, for unpredicted one-time expenditures, etc. The projected balance for 2022 is deemed to be sufficient and there is no need to search for outside sources of funding. Moreover, each year EAA staff reviews the 5 and 10 year anticipated expenditure requirements with the Board through the budgeting process and assesses the need to adjust the aquifer management fee rate in order to self-fund or to acquire debt in order to meet the needs. Each of these options would be vetted and approved by the Board through the budget adoption process or separate action.

Debt limit, as used herein, is the amount of debt that the EAA is restricted to borrowing as set by a legislative mechanism. The EAA does not have any legal debt limit; however, it may not levy a property tax.

According to the Act:

The Authority may issue revenue bonds to finance the purchase of land or the purchase, construction, or installation of facilities or equipment. The Authority may not allow for any person to construct, acquire, or own facilities for transporting groundwater out of Uvalde County or Medina County. Bonds issued by the Authority are subject to review and approval of the attorney general and the commission. If the attorney general finds that the bonds have been authorized in accordance with the law, the attorney general shall approve them, and the comptroller of public accounts shall register the bonds. Following approval and registration, the bonds are incontestable and are binding obligations according to their terms. The Authority board may organize proceeds of the bonds into funds and accounts and may invest the proceeds as the Authority board determines is appropriate.

Revenue Policy

It is the goal of the EAA to maintain a diversified and stable revenue system to shelter it from unforeseen short-run fluctuations in any one-revenue source. Objective, annual estimates will be made for all revenue sources for the next ten years to be updated annually. One-time revenues, identified under any budget cycle may be considered for one-time capital purchases or funding reserves, but will not be used to maintain or establish recurring expenditures. Through the budget adoption process, the Board approves any changes in the fee rates or one-time assessments.

Procurement

It is the policy of the EAA to secure the highest quality goods and services with its limited resources. It is also the policy of the EAA to award contracts to the responsible bidder that, in the EAA's judgment, will be most advantageous to the EAA. The EAA Act calls for a good faith effort to award 20% of total annual contract amounts to minority-owned and women-owned businesses. The EAA Bylaws increased this goal to 30%. The General Manager is authorized to develop procurement procedures to ensure that staff conducts all procurement activity in accordance with applicable laws, as well as the EAA Bylaws. Procurement and accounting staff

ensure that the procedures are applied and followed in soliciting, purchasing, contractual agreements, requisition and purchase order processes. EAA staff reviews all purchases as to ensure compliance with this policy.

Balancing the Budget

A balanced budget is defined by the EAA as a budget in which expenses are projected such that they are less than, or equal to, the amount of revenues projected. The EAA is committed to balancing its annual budget and strives to reach this goal during the annual budget process. The EAA also considers the reserve balance to be a factor in the balanced budget concept when considering the budgeted expenses for a given year and the effort to maintain a reasonable and stable aquifer management fee structure. The 2022 projected year-end operating reserve balance for the EAA General Operations Fund is expected to be \$6,082,331, of which \$5,691,203 is undesignated reserve and equals approximately 26% of the annual operating budget. As discussed previously with the Board, this reserve will fluctuate from budget to budget and in years where there is excess, those funds may be carried over from one budget year to another as a reserve for maintaining stability in the Aquifer Management Fee rate. As previously mentioned in this document, each year the Board reviews the 5 and 10 year forecast expenditure requirements and assesses the need to adjust the aquifer management fee rate in order to self-fund or to acquire debt in order to meet the needs. Each of these options would be vetted and approved by the Board through the budget adoption process or separate action. The EAHCP must ensure that adequate funds are available for implementation of the EAHCP and accumulation of reserves up to a "Fund Balance Cap" of \$46 million dollars, as established in the EAHCP Plan. The projected year-end reserve balance for the EAA Habitat Conservation Plan Fund is expected to be \$27,027,172.

Capital Assets/Inventory

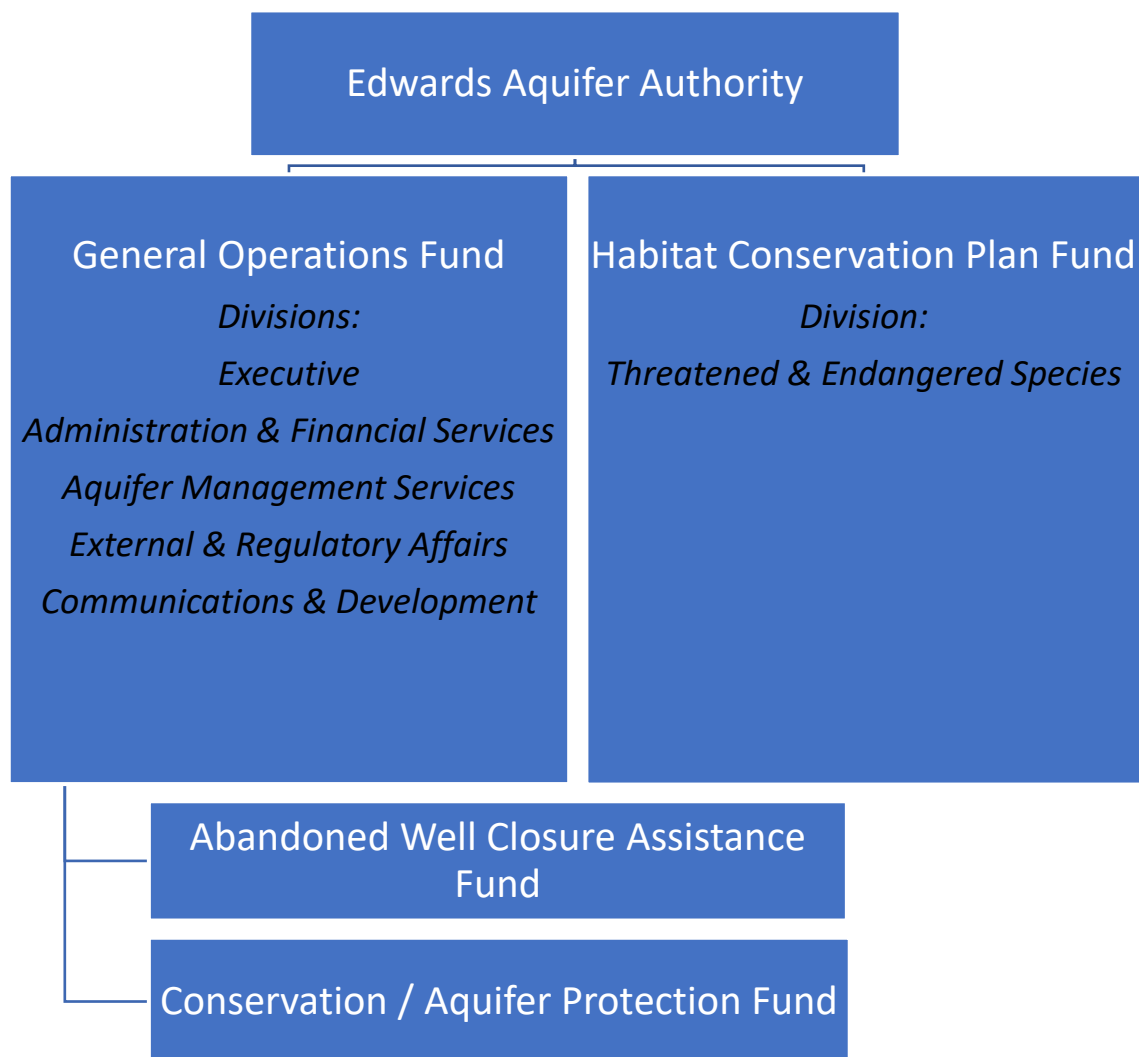
Capital Assets include equipment, computers furniture and vehicles that meet the EAA's capitalization threshold of \$5,000 and have a useful life of more than one year. All items are tagged with an identification number when purchased and entered into an asset management system. The responsibility for maintaining capital assets is assigned either to an individual or a department. Asset inventory is conducted every other year, while transfers/retirements are monitored routinely.

FINANCIAL OVERVIEW

Financial Summary Overview

This budget provides funding for Edwards Aquifer Authority (EAA) programs that support the mission to manage, enhance, and protect the Edwards Aquifer, including the full implementation of the Edwards Aquifer Habitat Conservation Plan (EAHCP). Accordingly, this budget supports distinct major programmatic funds: a General Fund, supported by revenues generated through the assessment of a general aquifer management fee of \$53 per acre-foot; and an EAHCP Fund, supported by revenues generated through the assessment of a \$31 per acre-foot program aquifer management fee. Combined, this \$35.7 million comprehensive budget is funded by a combined aquifer management fee of \$84 per acre-foot, which remains unchanged since 2012.

The below diagram reflects the EAA Fund Structure and Divisions. Departments for each Division is provided in the Division/Department Detail section of this document.



The following schedules provide a 2022 combined budget summary of both programmatic fund areas, projected fund balance review, as well as, an individual narrative and summary schedule for each of the program areas.

**Edwards Aquifer Authority
2022 Adopted Operating Budget**

Fund Summary: General and Habitat Conservation Plan

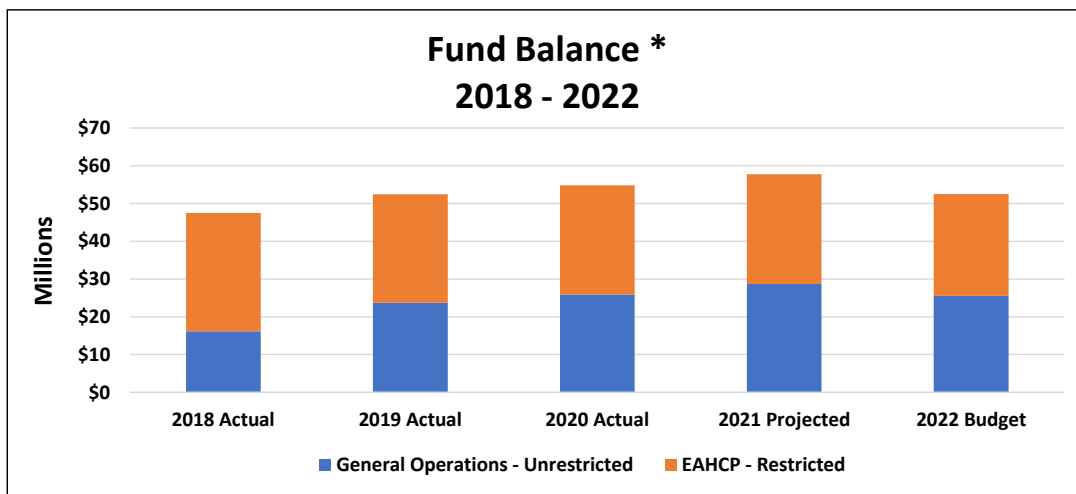
	GENERAL	EAHCP	TOTAL
Aquifer Management Fees, per Acre-Foot:			
Non-Agricultural (AMF/Program AMF)	\$ 53.00	\$ 31.00	\$ 84.00
Agricultural	\$ 2.00	\$ -	\$ 2.00
REVENUES			
Aquifer Management Fees	\$ 19,215,046	\$ -	\$ 19,215,046
Program Aquifer Management Fees	-	11,238,989	11,238,989
Aquifer Management Fee (Agricultural)	145,000	-	145,000
Interest	15,000	60,000	75,000
Miscellaneous	25,000	486,000	511,000
Subtotal Revenues	19,400,046	11,784,989	31,185,035
EXPENSES			
Salaries & Wages	8,950,392	540,360	9,490,752
Employee Benefits	3,024,995	185,201	3,210,196
Professional Technical Services	5,159,234	12,974,379	18,133,613
Property Services	1,704,476	16,000	1,720,476
Supplies	656,460	3,500	659,960
Other Services	852,119	48,000	900,119
Other Expenses	400,330	-	400,330
Capital	1,138,500	-	1,138,500
Subtotal Expenses	21,886,506	13,767,440	35,653,946
Net Income (Loss) Before Depreciation	\$ (2,486,460)	\$ (1,982,451)	\$ (4,468,911)
Net Asset Designations:			
Projected Operating Reserve, January 1, 2022	\$ 8,568,791	\$ 29,009,623	\$ 37,578,414
Net Increase (Decrease) in Fund Balance	(2,486,460)	(1,982,451)	(4,468,911)
Projected Operating Reserve, December 31, 2022	\$ 6,082,331	\$ 27,027,172	\$ 33,109,503
Estimated % of Expenses	27.8%		
Designated Operating Reserve:			
Abandoned Well Closure Assistance *	235,517	-	235,517
Conservation/Aquifer Protection **	155,611	-	155,611
Habitat Conservation Plan	-	27,027,172	27,027,172
Designated Operating Reserve Balance	\$ 391,128	\$ 27,027,172	\$ 27,418,300
Estimated % of Expenses	1.8%		
Undesignated Operating Reserve Balance	\$ 5,691,203	\$ -	\$ 5,691,203
Estimated % of Expenses	26.0%		

* \$250,000 appropriated in 2022 budget for abandoned well closure assistance.

** \$200,000 appropriated in 2022 budget for above ground storage tank assistance.

**Edwards Aquifer Authority
Projected Fund Balance
2022**

	GENERAL	EAHCP	TOTAL
AMF/Program AMF, per Acre-Foot:	\$ 53.00	\$ 31.00	\$ 84.00
REVENUES			
Aquifer Management Fees	19,215,046	-	19,215,046
Program Aquifer Management Fees	-	11,238,989	11,238,989
Aquifer Management Fee (Agricultural)	145,000	-	145,000
Interest	15,000	60,000	75,000
Miscellaneous	25,000	486,000	511,000
Subtotal Revenues	19,400,046	11,784,989	31,185,035
EXPENSES			
Salaries & Wages	8,950,392	540,360	9,490,752
Employee Benefits	3,024,995	185,201	3,210,196
Professional Technical Services	5,159,234	12,974,379	18,133,613
Property Services	1,704,476	16,000	1,720,476
Supplies	656,460	3,500	659,960
Other Services	852,119	48,000	900,119
Other Expenses	400,330	-	400,330
Capital	1,138,500	-	1,138,500
Depreciation	690,500	45,700	736,200
Subtotal Expenses	22,577,006	13,813,140	36,390,146
Net Income (Loss)	\$ (3,176,960)	\$ (2,028,151)	\$ (5,205,111)
Projected Fund Balance, January 1, 2022	\$ 28,695,916	\$ 29,039,688	\$ 57,735,604
Projected Fund Balance, December 31, 2022	\$ 25,518,956	\$ 27,011,537	\$ 52,530,493

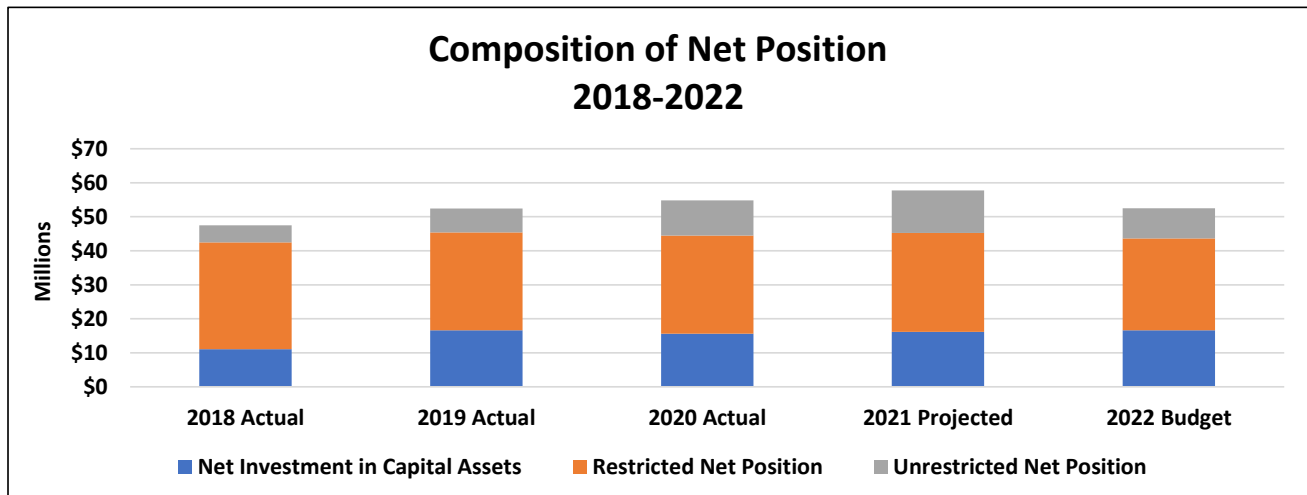


* Fund Balance is defined as the excess amount of assets over liabilities (Net Position).

Projected General Fund (Unrestricted) Fund Balance - Change by (12.4 %): The proposed increase to the aquifer management fees originally planned in 2021 was postponed to 2023 in order to maintain stability in the comprehensive rate. As a result, fund reserve balances were anticipated to be used in 2022.

Edwards Aquifer Authority
Projected Composition of Fund Balance (Net Position)
2022

Projected Net Position, Beginning of Year *	\$ 57,735,604
Net Income/(Loss) before Depreciation \$	(4,468,911)
Depreciation	<u>(736,200)</u>
Net Income/(Loss) after Depreciation \$	(5,205,111)
Projected Net Position, End of Year	<u><u>\$ 52,530,493</u></u>



	2018	2019 *	2020	2021	2022
Net Position					
Net Investment in Capital Assets	\$ 11,083,303	\$ 16,656,985	\$ 15,602,391	\$ 16,187,088	\$ 16,589,388
Restricted Net Position	31,354,603	28,744,181	28,891,677	29,039,688	27,011,537
Unrestricted Net Position	5,052,465	7,059,874	10,316,606	12,508,828	8,929,568
Total Net Position	<u><u>\$ 47,490,371</u></u>	<u><u>\$ 52,461,040</u></u>	<u><u>\$ 54,810,674</u></u>	<u><u>\$ 57,735,604</u></u>	<u><u>\$ 52,530,493</u></u>

The "Restricted Net Position" in this schedule is solely related to the EAHCP.

General Fund

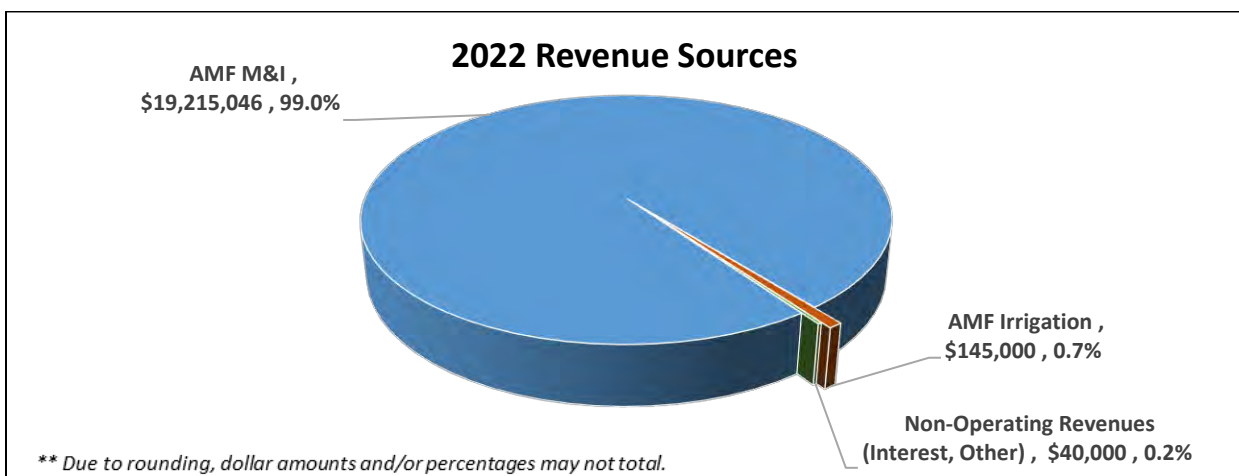
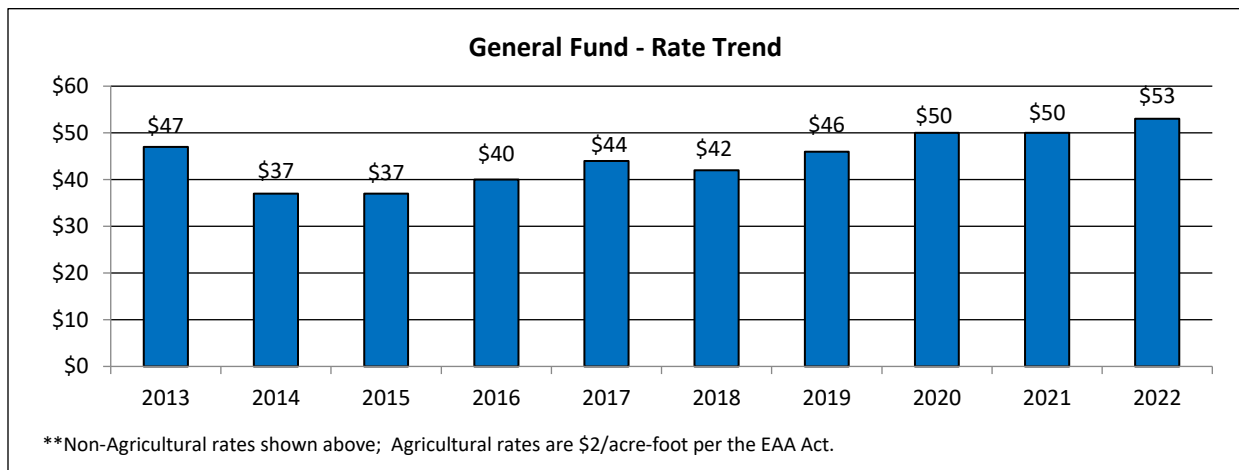
Revenue Summary

Funding for the EAA General Fund comes primarily from an aquifer management fee assessed on permitted agricultural and non-agricultural users of Edwards Aquifer groundwater. The 2022 aquifer management fee for non-agricultural (M&I) users, assessed on the total groundwater authorized for use in 2022, increased \$3 to \$53. Revenue derived from the non-agricultural aquifer management fees represent 99.0% of the total budgeted EAA General Fund revenue for 2022.

Fees for agricultural users are charged on groundwater actually used during the preceding year. The Edwards Aquifer Authority Act limits the agricultural fee rate to \$2 per acre-foot. Agricultural fee revenue represents .07% of total EAA General Fund revenue.

Miscellaneous funding sources account for the remaining .02% of EAA budget General Fund revenue in 2022. Revenue in this category includes interest earnings and miscellaneous fees.

The below charts provide aquifer management fee rate trends since 2013 and 2022 Revenue Sources.



Expense Summary

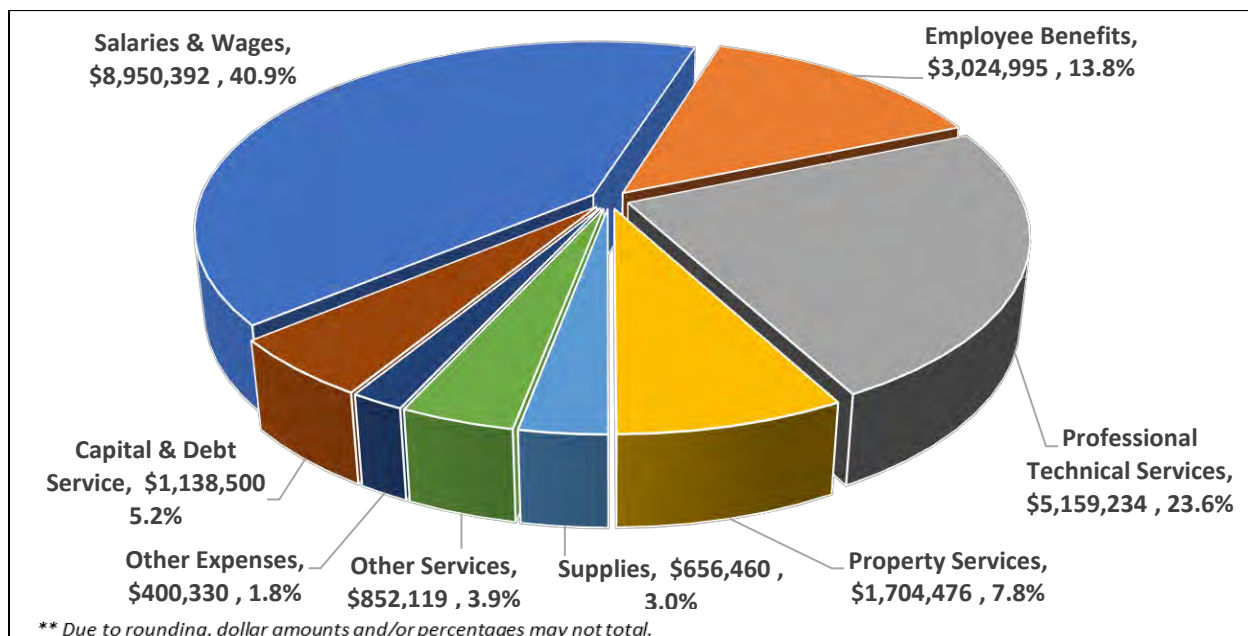
The EAA General Fund expenses are classified by major category. These categories include: salaries and wages, employee benefits, professional technical services, property services, supplies, other services, and other expenses (excluding depreciation), which total \$21.9 million for 2022.

Salaries and Wages includes wages paid to employees at bi-weekly intervals and include overtime as well as sick leave, holiday pay, personal leave and other paid absences. Employee Benefits include items such as employer contributions to retirement, FICA, and insurance premiums.

Professional Technical Services include services such as outside consultants, analysis, evaluation, planning, or recommendation, and result in the production of a report or the completion of a task or project.

Property Services include items such as utilities, property maintenance, and support/maintenance for equipment. Other Services include printing, telecommunications, public notices and staff training. Supplies include fuel, postage, and promotional/educational items. Other Expenses includes conservation grants and debt interest payments. Capital and debt service includes capital expenditures and the principal portion of the general improvement revenue note (debt).

The below chart depicts 2022 budeted expenses, by category.



**Edwards Aquifer Authority
2022 Adopted Operating Budget**

Fund Summary: General

	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Aquifer Management Fees, per Acre-Foot:				
Non-Agricultural	\$ 50.00	\$ 50.00	\$ 50.00	\$ 53.00
Agricultural	\$ 2.00	\$ 2.00	\$ 2.00	\$ 2.00
REVENUES				
Aquifer Management Fees	\$ 18,323,025	\$ 18,296,617	\$ 18,296,617	\$ 19,215,046
Aquifer Management Fee (Agricultural)	182,340	145,000	145,000	145,000
Interest	150,983	34,100	34,100	15,000
Miscellaneous	112,813	25,000	25,000	25,000
Subtotal Revenues	18,769,161	18,500,717	18,500,717	19,400,046
EXPENSES				
Salaries & Wages	8,063,369	8,450,725	8,450,725	8,950,392
Employee Benefits	2,388,041	2,720,530	2,717,530	3,024,995
Professional Technical Services	2,311,099	5,048,599	4,818,819	5,159,234
Property Services	1,272,878	1,806,037	1,751,397	1,704,476
Supplies	341,425	623,859	613,859	656,460
Other Services	340,757	794,086	744,934	852,119
Other Expenses	217,048	305,468	305,468	400,330
Capital	786,876	844,800	845,800	1,138,500
Subtotal Expenses	15,721,493	20,594,104	20,248,532	21,886,506
Net Income (Loss) Before Depreciation	\$ 3,047,668	\$ (2,093,387)	\$ (1,747,815)	\$ (2,486,460)
Net Asset Designations:				
Projected Operating Reserve, January 1, 2022			\$ 8,568,791	
Net Increase (Decrease) in Fund Balance			(2,486,460)	
Projected Operating Reserve, December 31, 2022			\$ 6,082,331	
Estimated % of Expenses				27.8%
Designated Operating Reserve:				
Abandoned Well Closure Assistance *			235,517	
Conservation/Aquifer Protection **			155,611	
Designated Operating Reserve Balance			\$ 391,128	
Estimated % of Expenses				1.8%
Undesignated Operating Reserve Balance			\$ 5,691,203	
Estimated % of Expenses				26.0%

* \$250,000 appropriated in 2022 budget for abandoned well closure assistance.

** \$200,000 appropriated in 2022 budget for above ground storage tank assistance.

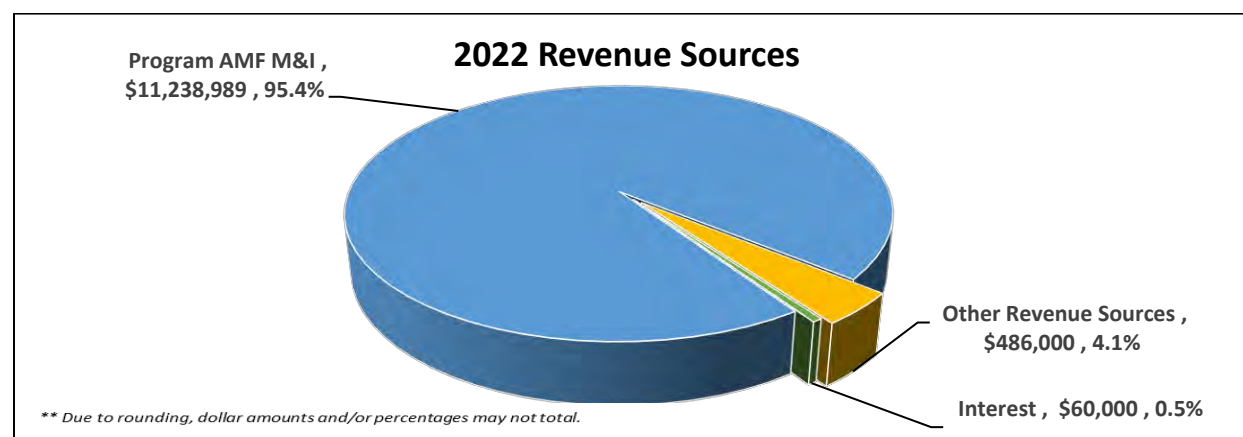
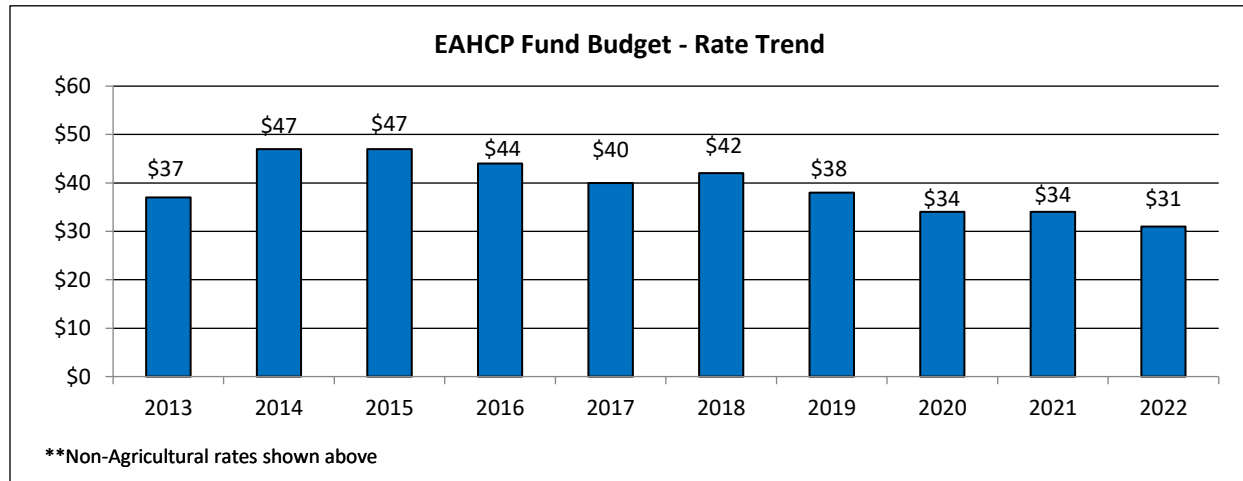
Edwards Aquifer Authority Habitat Conservation Plan (EAHCP) Fund

Revenue Summary

Operating revenue to fund the activities of the EAHCP is primarily derived from a program aquifer management fee assessed on non-agricultural permit holders based on the amount of groundwater rights authorized for 2022. The 2022 EAHCP program aquifer management fee rate is \$31 per acre-foot, a decrease of \$3 from 2021. Revenue derived from the non-agricultural program aquifer management fees represent 95.4% of the total budgeted EAHCP Fund revenue for 2022.

In addition to revenue collected through the assessment of program aquifer management fees, the 2022 EAHCP Program budget includes pledged revenue from other entities. Seven organizations – the Guadalupe Blanco River Authority (GBRA), Union Carbide, CPS Energy, the San Antonio River Authority, the City of Victoria, the Guadalupe Basin Coalition, and the Nueces River Authority – have pledged their intent to financially assist the EAA in the implementation of the EAHCP. Total revenue from these sources is budgeted at \$486,000 and represent 4.1% of total budgeted EAHCP Fund revenue. Interest revenue, less than 1% of total revenue, is expected to decrease in 2022, as previously discussed in this document.

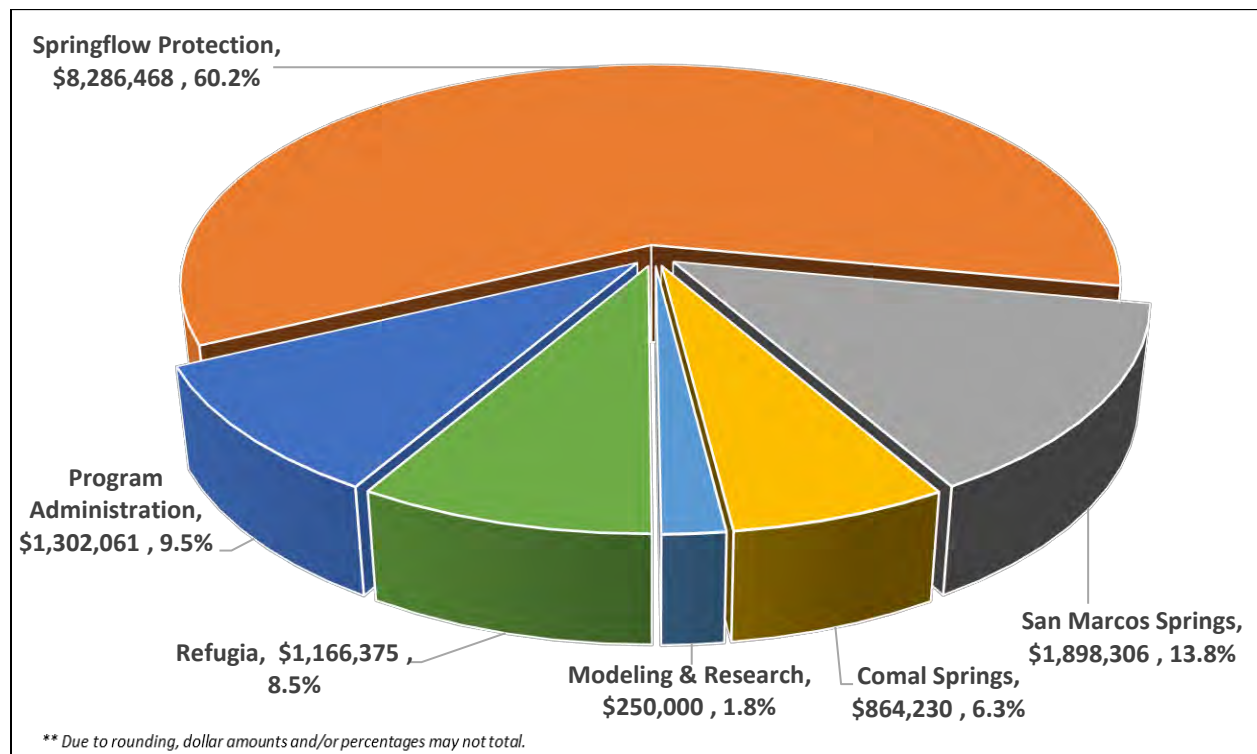
The below charts provide aquifer management fee rate trends since 2013 and 2022 Revenue Sources.



Expense Summary

The 2022 budget includes \$13.8 million to fund the program administration and conservation measures mentioned below and will use a portion of the cash reserve built in prior years to fund these activities. Among these conservation measures is the Voluntary Irrigation Suspension Program Option (VISPO), a major component of the EAHCP that is triggered when aquifer levels decline to a certain critical level. The budget also includes funding to support the use of the San Antonio Water System's (SAWS) aquifer storage and recovery (ASR) project as another significant EAHCP Springflow Protection conservation measure. The injection goal of 126,000 acre-feet of groundwater into the SAWS ASR was met in 2020; therefore, the 2022 budget includes only ASR lease and forbearance payments and no ASR operation costs. The remaining portion of the EAHCP budget will fund various activities and work plans to be implemented by the signatories to the plan: the EAA, the City of New Braunfels, the City of San Marcos, the City of San Antonio through San Antonio Water System, and Texas State University for year 2022.

The below chart depicts 2022 budeted expenses, by category.



**Edwards Aquifer Authority
2022 Adopted Operating Budget**

Fund Summary: Habitat Conservation Plan

	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
<i>Aquifer Management Fees, per Acre-Foot: Non-Agricultural</i>	\$ 34.00	\$ 34.00	\$ 34.00	\$ 31.00
REVENUES				
Program Aquifer Management Fees	\$ 12,459,717	\$ 12,441,700	\$ 12,441,700	\$ 11,238,989
Interest	310,169	69,400	69,400	60,000
Miscellaneous	736,000	486,000	486,000	486,000
Subtotal Revenues	<u>13,505,886</u>	<u>12,997,100</u>	<u>12,997,100</u>	<u>11,784,989</u>
EXPENSES				
Salaries & Wages	418,717	519,254	519,254	540,360
Employee Benefits	128,639	168,752	168,752	185,201
Professional Technical Services	12,513,850	13,190,148	12,116,148	12,974,379
Property Services	14,656	6,000	6,000	16,000
Supplies	7,499	8,500	8,500	3,500
Other Services	13,647	50,500	50,500	48,000
Other Expenses	2,478	-	-	-
Capital	9,065	10,000	10,000	-
Subtotal Expenses	<u>13,108,551</u>	<u>13,953,154</u>	<u>12,879,154</u>	<u>13,767,440</u>
Net Income (Loss) Before Depreciation	<u>\$ 397,335</u>	<u>\$ (956,054)</u>	<u>\$ 117,946</u>	<u>\$ (1,982,451)</u>
<i>Net Asset Designations:</i>				
Projected Operating Reserve, January 1, 2022				\$ 29,009,623
Net Increase (Decrease) in Fund Balance				<u>(1,982,451)</u>
Projected Operating Reserve, December 31, 2022				<u>\$ 27,027,172</u>

5-Year Forecast

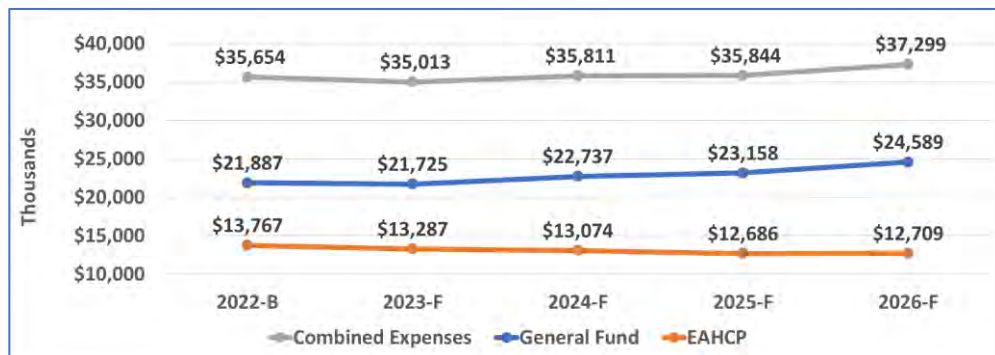
As noted earlier in this document, the EAA develops a 5-year forecast as part of the budget planning process. The 5-year forecast takes into consideration staff positions needed, continued and/or new program initiatives, capital expenditures related to initiatives, aquifer management and program aquifer management fee rates required to generate supporting revenue, and an overall ending reserve balance.

At the time of development, the 5-year forecast highlights included:

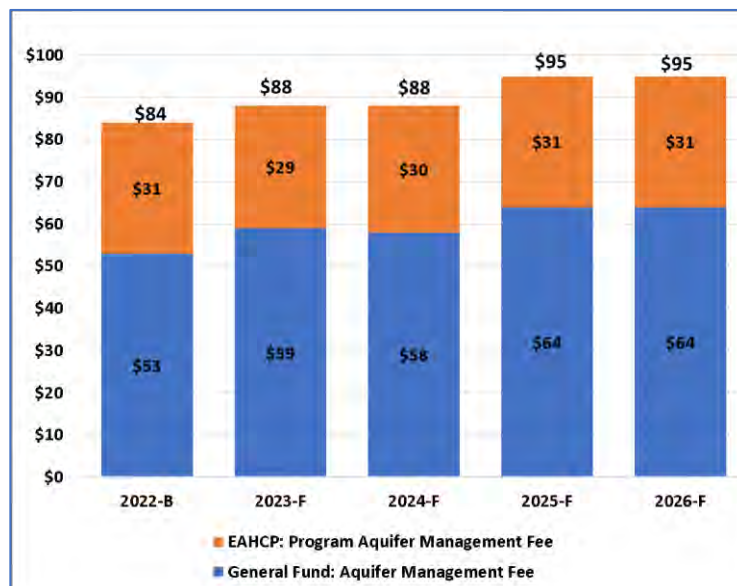
- 1 part-time position (2022) and 3 new, full-time positions (2023) in support of the expanded initiatives at the Education Outreach Center and Field Research Observatory
- Average staff cost of living/merit increases at an average of 6% per employee
- New aquifer research tool development and expenses
- Continuation of existing efforts to provide sustainability of the aquifer for the region
- Proposed rate increases to the combined Municipal & Industrial (M&I) aquifer management/program aquifer management fee rate; limited to a maximum 8% increase per year by the Legislature

Below are graphical representations of expenses and the AMF rates required to support the planned expenses:

Expenses, By Fund



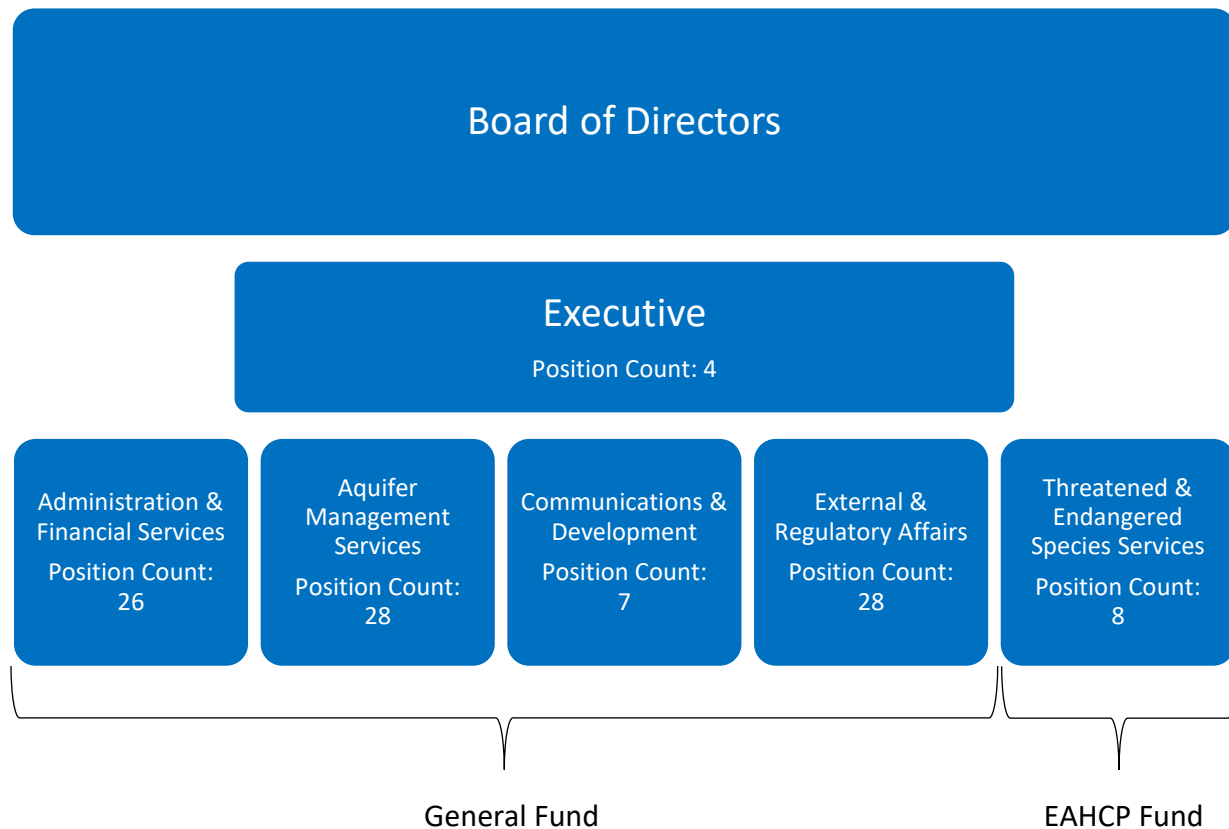
M&I Rates, per AF



DIVISION/DEPARTMENT DETAIL

Organization Structure

The Edwards Aquifer Authority (EAA) is structured into six (6) functional divisions: Executive Office, Administration & Financial Services; Aquifer Management Services; External & Regulatory Affairs; Communications & Development and Threatened & Endangered Species Services. Below is a graphical depiction of the EAA's organizational structure.

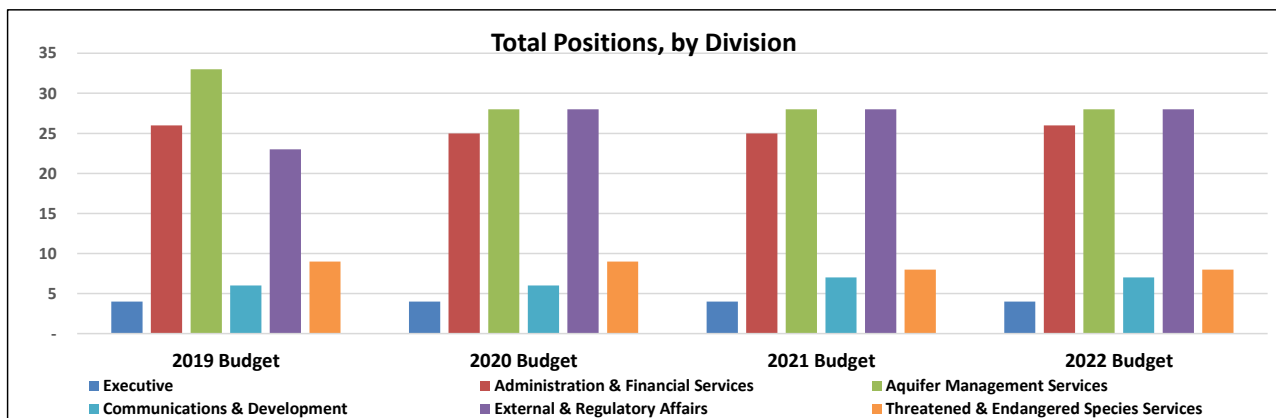


The following pages depict the 2022 narratives, budget and organizational chart applicable to each of these divisions representing the operations of the EAA.

Position Schedule

In 2022, a new part-time position was added in the Administration and Financial Services division.

Positions by Division/Department	2019 Budget	2020 Budget	2021 Budget	2022 Budget
Full-Time Positions				
<u>Executive</u>				
EXE-General	4	4	4	4
<u>Administration & Financial Services</u>				
AFS - General	1	1	1	1
Accounting	5	5	5	5
Authority Operations	1	1	1	1
Business Diversity & Inclusion	1	1	1	3
Human Resources	7	8	8	7
Information Technology	7	7	7	6
Records	1	1	1	1
<u>Aquifer Management Services</u>				
AMS - General	2	1	1	1
Aquifer Protection	13	8	8	8
Aquifer Science Research	8	9	8	8
Data Management	5	6	7	7
Modeling	5	4	4	4
<u>Communications & Development</u>				
C&D - General	1	1	1	1
Public Information	4	4	5	5
School Education	1	1	1	1
<u>External & Regulatory Affairs</u>				
ERA - General	1	1	1	1
Intergovernmental Relations	2	3	3	2
Meters	7	7	7	7
Regulatory Affairs & Water Resources	13	17	17	18
<u>Threatened & Endangered Species Services</u>				
Program Administration	9	9	8	8
Subtotal	98	99	99	99
Part-Time Positions				
<u>Administration & Financial Services</u>	-	-	-	-
Human Resources	3	1	1	2
Subtotal	3	1	1	2
Total Positions				
Executive	4	4	4	4
Administration & Financial Services	26	25	25	26
Aquifer Management Services	33	28	28	28
Communications & Development	6	6	7	7
External & Regulatory Affairs	23	28	28	28
Threatened & Endangered Species Services	9	9	8	8
Total	101	100	100	101



GENERAL FUND – DIVISION/DEPARTMENT SUMMARY

Edwards Aquifer Authority
2022 Adopted Operating Budget

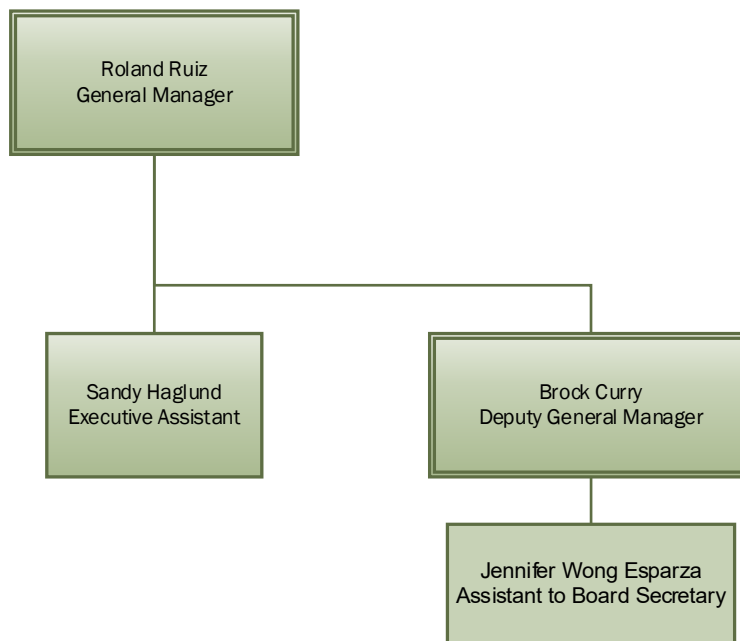
General Fund: Division/Department Summary

Division/Department	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Executive	\$ 1,729,821	\$ 1,990,643	\$ 1,858,943	\$ 2,051,183
EXE - General	1,019,951	1,101,143	1,095,443	1,171,683
Board of Directors	56,347	123,500	88,500	163,500
Legal	653,523	766,000	675,000	716,000
Administration & Financial Services	5,147,019	5,892,268	5,885,876	6,122,042
AFS - General	2,749,838	2,788,063	2,788,063	3,057,117
Accounting	239,894	306,451	315,499	360,703
Authority Operations	830,382	820,018	820,018	1,187,780
Business Diversity & Inclusion	54,941	85,488	85,488	62,050
Human Resources	214,453	408,850	394,100	413,735
Information Technology	1,027,146	1,437,699	1,437,699	1,003,599
Records	30,365	45,700	45,010	37,058
Aquifer Management Services	4,433,183	5,644,048	5,639,048	6,170,930
AMS - General	3,208,217	3,342,798	3,342,798	3,468,021
Aquifer Protection	(138,980)	157,500	158,000	(61,141)
Aquifer Science Research	970,185	1,368,800	1,358,800	1,910,700
Data Management	169,646	315,200	319,700	344,000
Field Research Park	88,856	155,750	155,750	193,850
Land Stewardship	998	72,500	72,500	28,000
Modeling	134,261	231,500	231,500	287,500
Communication & Development	933,421	2,240,553	2,193,053	1,978,746
C&D - General	557,075	725,225	725,225	767,246
Public Information	344,294	1,304,828	1,282,328	921,000
School Education	32,052	210,500	185,500	290,500
External & Regulatory Affairs	3,478,049	4,826,593	4,671,613	5,563,604
ERA - General	2,923,421	3,336,227	3,329,027	3,616,119
Abandoned Well Closure	-	250,000	100,000	250,000
Elections	-	-	-	450,000
Intergovernmental Relations	157,950	205,000	205,000	207,000
Meters	102,435	198,750	198,750	187,135
Recharge Enhancement	163,000	172,780	175,000	175,000
Regulatory Affairs & Water Resources	131,243	663,836	663,836	678,350
Grand Total	\$ 15,721,493	\$ 20,594,104	\$ 20,248,532	\$ 21,886,506

EXECUTIVE DIVISION






Executive Division



Executive

The Edwards Aquifer Authority (the “EAA”) is governed by a 17-member board of directors. Fifteen of these directors are voting members, elected from single-member districts. One director is appointed by the South Central Texas Water Advisory Committee (SCTWAC) and one is appointed on a four-year rotating cycle from Medina and Uvalde counties.

The Executive Office consisting of the General Manager, Deputy General Manager, Assistant to the Board Secretary, and the Executive Assistant manage all aspects of EAA operations. Additionally, the Executive Office oversees the activities of the EAA’s outside counsel. The Executive division is comprised of the following departments:

-  **General:** Expenses not directly associated with a specific operational program, such as salaries and benefits, conferences and training, meeting and travel, memberships, and subscriptions are reflected in this department.
-  **Board of Directors & South Central Texas Water Advisory Committee (SCTWAC):** The board determines EAA policies and hires the General Manager to manage all EAA operations. The SCTWAC is made up of representatives from downstream counties to interact with the EAA when issues related to downstream water rights are addressed, and conducts a biennial report assessing the effectiveness of the EAA.
-  **Legal Services:** The board hires a general counsel to provide comprehensive legal services regarding all aspects of EAA operations. Executive Office staff provide a centralized, point-of-contact for EAA counsel, and serve as liaison between the board and legal counsel to manage work referred to counsel.

Division Expenses, by Classification:

Expense Classification	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Salaries & Wages	\$ 779,752	\$ 820,990	\$ 820,990	\$ 866,569
Employee Benefits	218,709	215,853	215,853	240,614
Professional Technical Services	677,265	725,000	655,000	715,000
Property Services	5,000	26,200	5,000	26,200
Supplies	10,962	15,600	15,600	15,800
Other Services	38,133	187,000	146,500	187,000
Grand Total	\$ 1,729,821	\$ 1,990,643	\$ 1,858,943	\$ 2,051,183

Division Expenses, by Department:

Department	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
EXE - General	\$ 1,019,951	\$ 1,101,143	\$ 1,095,443	\$ 1,171,683
Board of Directors	56,347	123,500	88,500	163,500
Legal	653,523	766,000	675,000	716,000
Grand Total	\$ 1,729,821	\$ 1,990,643	\$ 1,858,943	\$ 2,051,183

Edwards Aquifer Authority
2022 Adopted Operating Budget

Executive Division Summary

Expense Classification	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Salaries & Wages	Salaries & Wages	657,264	820,990	820,990	866,569
	Holiday Leave	55,540	-	-	-
	Sick Leave	17,775	-	-	-
	Vacation Leave	49,173	-	-	-
Salaries & Wages Total		779,752	820,990	820,990	866,569
Employee Benefits	401a Money Purchase Plan Contributions	11,918	-	-	-
	401a Profit-Sharing & Trust Plan Contributions	15,000	-	-	-
	Allowances	21,300	21,300	21,300	21,300
	Dental Insurance	1,272	1,327	1,327	1,189
	Employer FICA & Medicare	49,737	62,806	62,806	66,293
	Health Insurance	21,900	33,983	33,983	28,896
	Life & AD&D Insurance	2,594	3,251	3,251	3,328
	LT Disability Insurance	1,408	2,545	2,545	2,426
	Medical Allowance Reimbursement	17,160	12,142	12,142	20,000
	Pension Expense	77,644	-	-	-
	Retirement Contributions	(1,717)	77,419	77,419	96,103
	State Unemployment Tax	493	1,080	1,080	1,080
Employee Benefits Total		218,709	215,853	215,853	240,614
Professional Technical Services	Contractual Professional Services	56,500	125,000	55,000	115,000
	Legal Services	620,765	600,000	600,000	600,000
Professional Technical Services Total		677,265	725,000	655,000	715,000
Property Services	Constituency Services	5,000	25,000	5,000	25,000
	Facilities Rental	-	1,000	-	1,000
	Non-Capital Assets	-	200	-	200
Property Services Total		5,000	26,200	5,000	26,200
Supplies	Memberships	5,603	5,400	5,400	5,500
	Office Supplies	475	1,000	1,000	1,000
	Subscriptions & Publications	4,884	9,200	9,200	9,300
Supplies Total		10,962	15,600	15,600	15,800
Other Services	Conferences, Seminars & Training	645	18,000	13,000	18,000
	Meeting Expenses	11,114	83,500	83,500	83,500
	Printing	-	500	-	500
	Public & Legal Notices	26,374	85,000	50,000	85,000
Other Services Total		38,133	187,000	146,500	187,000
Grand Total		1,729,821	1,990,643	1,858,943	2,051,183

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: Executive
Department: General

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Salaries & Wages	100-901-51000-00	Salaries & Wages	657,264	820,990	820,990	866,569
	100-901-51200-00	Sick Leave	17,775	-	-	-
	100-901-51300-00	Vacation Leave	49,173	-	-	-
	100-901-51400-00	Holiday Leave	55,540	-	-	-
Salaries & Wages Total			779,752	820,990	820,990	866,569
Employee Benefits	100-901-52002-00	Employer FICA & Medicare	49,737	62,806	62,806	66,293
	100-901-52003-00	Retirement Contributions	(1,717)	77,419	77,419	96,103
	100-901-52004-00	LT Disability Insurance	1,408	2,545	2,545	2,426
	100-901-52005-00	Health Insurance	21,900	33,983	33,983	28,896
	100-901-52006-00	Dental Insurance	1,272	1,327	1,327	1,189
	100-901-52008-00	State Unemployment Tax	493	1,080	1,080	1,080
	100-901-52024-00	Life & AD&D Insurance	2,594	3,251	3,251	3,328
	100-901-52035-00	Medical Allowance Reimbursement	17,160	12,142	12,142	20,000
	100-901-52100-00	Allowances	21,300	21,300	21,300	21,300
	100-901-52103-00	Pension Expense	77,644	-	-	-
	100-901-52104-00	401a Profit-Sharing & Trust Plan Contributions	15,000	-	-	-
	100-901-52105-00	401a Money Purchase Plan Contributions	11,918	-	-	-
Employee Benefits Total			218,709	215,853	215,853	240,614
Professional Technical Services	100-001-53100-00	Contractual Professional Services	15,000	35,000	35,000	35,000
Professional Technical Services Total			15,000	35,000	35,000	35,000
Property Services	100-001-54500-00	Non-Capital Assets	-	200	-	200
Property Services Total			-	200	-	200
Supplies	100-001-56105-00	Office Supplies	19	500	500	500
	100-001-56501-00	Memberships	5,603	5,400	5,400	5,500
	100-001-56502-00	Subscriptions & Publications	-	4,200	4,200	4,300
Supplies Total			5,622	10,100	10,100	10,300
Other Services	100-001-55100-00	Printing	-	500	-	500
	100-001-55400-00	Conferences, Seminars & Training	-	10,000	5,000	10,000
	100-001-55500-00	Meeting Expenses	868	8,500	8,500	8,500
Other Services Total			868	19,000	13,500	19,000
Grand Total			1,019,951	1,101,143	1,095,443	1,171,683

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: Executive
Department: Board of Directors

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	100-102-53100-00	Contractual Professional Services	40,000	15,000	-	55,000
Professional Technical Services Total			40,000	15,000	-	55,000
Property Services	100-102-54301-00	Constituency Services	5,000	25,000	5,000	25,000
Property Services Total			5,000	25,000	5,000	25,000
Supplies	100-102-56105-00	Office Supplies	456	500	500	500
Supplies Total			456	500	500	500
Other Services	100-102-55400-00	Conferences, Seminars & Training	645	8,000	8,000	8,000
	100-102-55500-00	Meeting Expenses	10,246	75,000	75,000	75,000
Other Services Total			10,891	83,000	83,000	83,000
Grand Total			56,347	123,500	88,500	163,500

Edwards Aquifer Authority
2022 Adopted Operating Budget

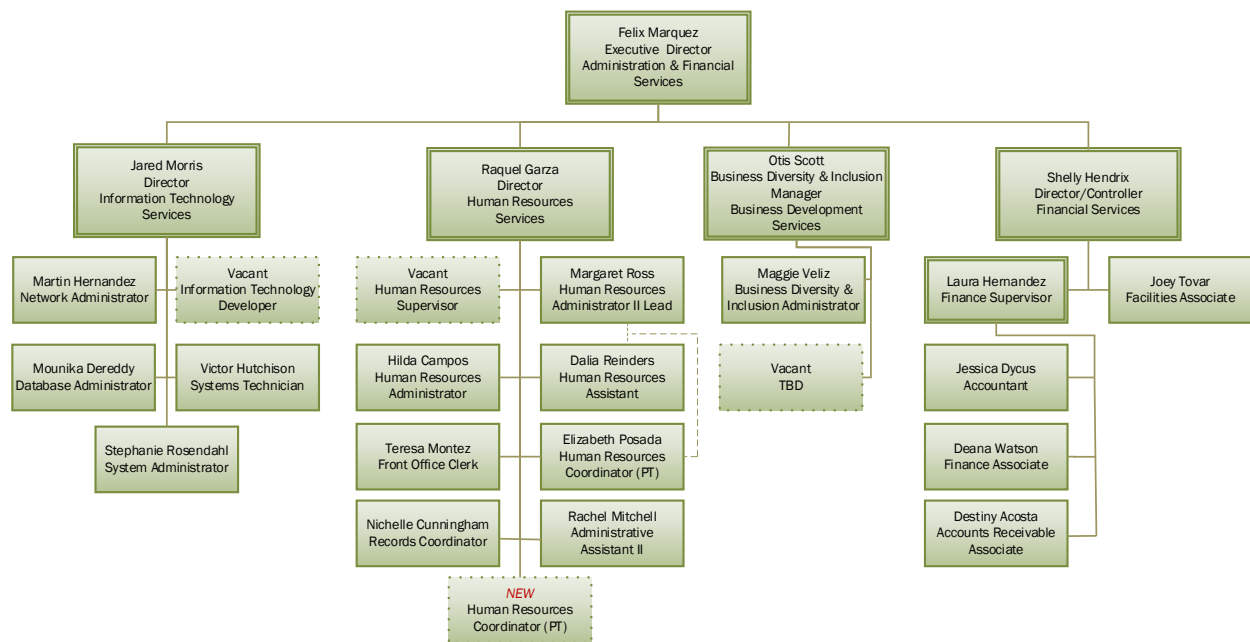
Division: Executive
Department: Legal

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	100-103-53100-00	Contractual Professional Services	1,500	75,000	20,000	25,000
	100-103-53104-00	Legal Services	620,765	600,000	600,000	600,000
Professional Technical Services Total			622,265	675,000	620,000	625,000
Property Services	100-103-54202-00	Facilities Rental	-	1,000	-	1,000
Property Services Total			-	1,000	-	1,000
Supplies	100-103-56502-00	Subscriptions & Publications	4,884	5,000	5,000	5,000
Supplies Total			4,884	5,000	5,000	5,000
Other Services	100-103-55200-00	Public & Legal Notices	26,374	85,000	50,000	85,000
Other Services Total			26,374	85,000	50,000	85,000
Grand Total			653,523	766,000	675,000	716,000

ADMINISTRATION & FINANCIAL SERVICES DIVISION










Administration & Financial Services Division



Administration & Financial Services

The Administration & Financial Services division serves the entire staff of the EAA by providing all organizational support activities and by ensuring all EAA teams have the supplies, equipment, facilities and technology available to perform their duties. This includes meeting the organization's financial, technological, and human resource needs to keep the organization operating efficiently. The Administration & Financial Services division is comprised of the following departments:

-  **General:** Expenses not directly associated with a specific operational program, such as salaries and benefits.
-  **Accounting:** The Accounting program conducts all activities associated with payroll, accounts payable, accounts receivable, procurement and contract administration, budget, audits, investment activities, property, casualty, and workers' compensation insurance.
-  **Authority Operations:** The EAA Authority Operations program supports the entire organization by overseeing building improvements, facility maintenance, vehicle maintenance, office equipment purchases and leases, and utilities.
-  **Business Development Services:** The Business Development Services program develops, implements, manages and monitors the EAA's business diversity initiatives and strategy by working as a community outreach partner in collaboration with other local agencies and businesses to enhance engagement of minority-owned or woman-owned businesses (MWBs) in contract awards. Through this endeavor, staff strives to meet the EAA aspirational goal of awarding at least 30% of its contracts to MWBs.
-  **Human Resources:** The Human Resources program administers all aspects of recruiting and retaining talent to the EAA. These activities include staffing, recruitment, pre-employment and post-employment processing, employee benefits administration, compensation, safety training, staff development, as well as managing the agency's records retention program, administrative support function and college internship/workstudy program.
-  **Information Technology:** The Information Technology program supports and administers all technology resources to ensure EAA staff has high quality and dependable technology to accomplish its mission. Funding includes access to technology resources including personal computers, servers, databases, imaging, printers, sensors, networking, programming and professional grade software to empower staff. In addition, this program provides technology services including planning, purchasing, maintenance and security while offering guidance on new and emerging technologies to empower staff as they build the next generation of the EAA.

 **Records:** Through centralized organization and electronic records management software, the Records program area ensures the EAA maintains all records according to an adopted plan. In accordance with this plan, records management staff ensure proper filing, archival, retrieval and destruction of EAA files. Records management staff members also respond to public information requests.

Division Expenses, by Classification:

Expense Classification	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Salaries & Wages	\$ 2,215,523	\$ 2,114,430	\$ 2,114,430	\$ 2,288,726
Employee Benefits	570,714	721,633	718,633	814,991
Professional Technical Services	287,672	720,333	708,333	621,875
Property Services	938,201	958,529	950,089	935,196
Supplies	221,857	317,359	317,359	348,360
Other Services	208,610	363,516	369,564	396,564
Other Expenses	117,085	105,468	105,468	100,330
Capital Assets	587,357	591,000	602,000	616,000
Grand Total	\$ 5,147,019	\$ 5,892,268	\$ 5,885,876	\$ 6,122,042

Division Expenses, by Department:

Department	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
AFS - General	\$ 2,749,838	\$ 2,788,063	\$ 2,788,063	\$ 3,057,117
Accounting	239,894	306,451	315,499	360,703
Authority Operations	830,382	820,018	820,018	1,187,780
Business Diversity & Inclusion	54,941	85,488	85,488	62,050
Human Resources	214,453	408,850	394,100	413,735
Information Technology	1,027,146	1,437,699	1,437,699	1,003,599
Records	30,365	45,700	45,010	37,058
Grand Total	\$ 5,147,019	\$ 5,892,268	\$ 5,885,876	\$ 6,122,042

Edwards Aquifer Authority
2022 Adopted Operating Budget

Administration & Financial Services Division Summary

Expense Classification	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Salaries & Wages	Salaries & Wages	1,524,019	2,108,430	2,108,430	2,282,726
	Holiday Leave	115,699	-	-	-
	Overtime	3,249	6,000	6,000	6,000
	Sick Leave	32,638	-	-	-
	Vacation Leave	58,011	-	-	-
	Compensated Absences	481,907	-	-	-
Salaries & Wages Total		2,215,523	2,114,430	2,114,430	2,288,726
Employee Benefits	401a Money Purchase Plan Contributions	16,354	-	-	-
	Allowances	5,400	5,400	5,400	5,400
	Dental Insurance	7,203	8,292	8,292	7,731
	Employer FICA & Medicare	121,254	161,754	161,754	175,088
	Health Insurance	102,188	212,391	212,391	187,827
	Life & AD&D Insurance	6,293	7,841	7,841	8,258
	LT Disability Insurance	4,570	6,138	6,138	6,021
	Medical Allowance Reimbursement	79,412	75,887	75,887	130,000
	Other Benefit Expenses	487	-	-	-
	Pension Expense	191,358	-	-	-
	Retirement Contributions	(4,344)	187,286	187,286	239,157
	State Unemployment Tax	4,140	8,644	8,644	8,910
	Tuition/Student Loan Reimbursements	36,399	48,000	45,000	46,600
Employee Benefits Total		570,714	721,633	718,633	814,991
Professional Technical Services	Contractual Professional Services	279,077	695,333	695,333	602,875
	Displays	-	1,000	1,000	1,000
	Pre-Employment Services	3,851	11,000	6,000	6,000
	Records Services	3,892	7,000	6,000	7,000
	Temporary Services	852	6,000	-	5,000
Professional Technical Services Total		287,672	720,333	708,333	621,875
Property Services	Equipment Maintenance	955	1,500	1,500	1,500
	Equipment Rental	33,914	57,386	57,386	57,000
	Event Sponsorships	16,318	39,750	39,750	39,750
	Facilities Maintenance	206,894	178,000	178,000	100,000
	Facilities Rental	-	99,750	88,750	132,750
	Fleet Lease	-	-	-	-
	Hosting, SAAS and Support Agreements	429,200	411,043	413,603	464,596
	Non-Capital Assets	158,645	90,800	90,800	58,000
	Pest Control	1,479	2,100	2,100	3,400
	Security & Fire	13,006	15,000	15,000	15,000
	Vehicles Maintenance	64,805	50,000	50,000	50,000
	Waste Disposal	3,880	4,500	4,500	4,500
	Water & Sewage	9,105	8,700	8,700	8,700
Property Services Total		938,201	958,529	950,089	935,196
Supplies	Clothing	3,022	20,000	20,000	20,000
	Computer Supplies	18,179	25,000	25,000	25,000
	Electrical Services	69,028	92,000	92,000	92,000
	Event Materials and Supplies	-	300	300	300
	Fuel	16,437	35,000	35,000	35,000
	Kitchen & Janitorial	54,326	70,000	70,000	72,500
	Memberships	11,527	15,759	15,759	16,260
	Office Supplies	30,914	38,500	38,500	38,500
	Postage	10,177	12,000	12,000	20,000

Edwards Aquifer Authority
2022 Adopted Operating Budget

Administration & Financial Services Division Summary

Expense Classification	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Supplies	Promotional Supplies	7,954	8,000	8,000	8,000
	Remote Work Supplies	-	-	-	20,000
	Subscriptions & Publications	293	800	800	800
Supplies Total		221,857	317,359	317,359	348,360
Other Services	Conferences, Seminars & Training	11,685	69,000	69,000	69,000
	Fees, Licenses and Permits	5,943	12,100	12,100	13,350
	Meeting Expenses	25,164	54,700	54,700	58,900
	Printing	739	5,500	5,500	4,000
	Property & Casualty Insurance	97,775	109,152	118,200	138,850
	Public & Legal Notices	11,431	28,600	25,600	28,000
	Telecommunication Services	55,873	84,464	84,464	84,464
Other Services Total		208,610	363,516	369,564	396,564
Other Expenses	Bad Debt Expense	8,358	-	-	-
	Interest Expense-Note Payable	108,727	105,468	105,468	100,330
Other Expenses Total		117,085	105,468	105,468	100,330
Capital Assets	Buildings CY	122,825	1,600	1,600	40,000
	Computer Hardware	-	-	-	-
	Computer Hardware CY	61,724	457,400	457,400	85,000
	Computer Software CY	250,000	-	-	-
	Furniture & Office Equipment CY	5,200	6,000	6,000	16,000
	Imp Other than Buildings CY	18,616	-	-	45,000
	Note Payable - Long Term	90,000	90,000	90,000	230,000
	Vehicles CY	38,992	36,000	47,000	200,000
Capital Assets Total		587,357	591,000	602,000	616,000
Grand Total		5,147,019	5,892,268	5,885,876	6,122,042

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: Administration & Financial Services
Department: General

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Salaries & Wages	100-902-51000-00	Salaries & Wages	1,524,019	2,108,430	2,108,430	2,282,726
	100-902-51100-00	Overtime	3,249	6,000	6,000	6,000
	100-902-51200-00	Sick Leave	32,638	-	-	-
	100-902-51300-00	Vacation Leave	58,011	-	-	-
	100-902-51400-00	Holiday Leave	115,699	-	-	-
	100-902-51500-00	Compensated Absences	481,907	-	-	-
Salaries & Wages Total			2,215,523	2,114,430	2,114,430	2,288,726
Employee Benefits	100-902-52002-00	Employer FICA & Medicare	121,254	161,754	161,754	175,088
	100-902-52003-00	Retirement Contributions	(4,344)	187,286	187,286	239,157
	100-902-52004-00	LT Disability Insurance	4,570	6,138	6,138	6,021
	100-902-52005-00	Health Insurance	102,188	212,391	212,391	187,827
	100-902-52006-00	Dental Insurance	7,203	8,292	8,292	7,731
	100-902-52008-00	State Unemployment Tax	4,140	8,644	8,644	8,910
	100-902-52024-00	Life & AD&D Insurance	6,293	7,841	7,841	8,258
	100-902-52035-00	Medical Allowance Reimbursement	79,412	75,887	75,887	130,000
	100-902-52100-00	Allowances	5,400	5,400	5,400	5,400
	100-902-52103-00	Pension Expense	191,358	-	-	-
	100-902-52105-00	401a Money Purchase Plan Contributions	16,354	-	-	-
	100-902-52999-00	Other Benefit Expenses	487	-	-	-
Employee Benefits Total			534,315	673,633	673,633	768,391
Grand Total			2,749,838	2,788,063	2,788,063	3,057,117

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: Administration & Financial Services
Department: Accounting

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	100-201-53100-00	Contractual Professional Services	78,254	103,481	103,481	106,375
Professional Technical Services Total			78,254	103,481	103,481	106,375
Property Services	100-201-54104-00	Hosting, SAAS and Support Agreements	56,267	58,959	58,959	56,018
	100-201-54202-00	Facilities Rental	-	750	750	750
	100-201-54500-00	Non-Capital Assets	-	1,000	1,000	6,000
Property Services Total			56,267	60,709	60,709	62,768
Supplies	100-201-56105-00	Office Supplies	391	500	500	500
	100-201-56501-00	Memberships	1,548	2,709	2,709	3,210
Supplies Total			1,939	3,209	3,209	3,710
Other Services	100-201-55100-00	Printing	-	1,500	1,500	-
	100-201-55200-00	Public & Legal Notices	-	600	600	20,000
	100-201-55400-00	Conferences, Seminars & Training	1,532	15,000	15,000	15,000
	100-201-55500-00	Meeting Expenses	917	1,000	1,000	1,000
	100-201-55600-00	Property & Casualty Insurance	97,775	109,152	118,200	138,850
	100-201-55900-00	Fees, Licenses and Permits	3,210	11,800	11,800	13,000
Other Services Total			103,434	139,052	148,100	187,850
Grand Total			239,894	306,451	315,499	360,703

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: Administration & Financial Services
Department: Authority Operations

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Property Services	100-202-54001-00	Waste Disposal	3,880	4,500	4,500	4,500
	100-202-54002-00	Water & Sewage	9,105	8,700	8,700	8,700
	100-202-54003-00	Pest Control	1,479	2,100	2,100	3,400
	100-202-54004-00	Security & Fire	13,006	15,000	15,000	15,000
	100-202-54101-00	Vehicles Maintenance	64,805	50,000	50,000	50,000
	100-202-54101-01	Fleet Lease	-	-	-	-
	100-202-54102-00	Equipment Maintenance	1,375	1,500	1,500	1,500
	100-202-54103-00	Facilities Maintenance	206,894	178,000	178,000	100,000
	100-202-54104-00	Hosting, SAAS and Support Agreements	-	4,614	4,614	9,600
	100-202-54201-00	Equipment Rental	33,914	25,386	25,386	40,000
	100-202-54202-00	Facilities Rental	-	99,000	88,000	132,000
	100-202-54500-00	Non-Capital Assets	35,924	14,500	14,500	10,000
Property Services Total			370,382	403,300	392,300	374,700
Supplies	100-202-56104-00	Kitchen & Janitorial	48,853	50,000	50,000	52,500
	100-202-56200-00	Fuel	16,437	35,000	35,000	35,000
	100-202-56400-00	Electrical Services	69,028	92,000	92,000	92,000
	100-202-56501-00	Memberships	180	450	450	450
	100-202-56502-00	Subscriptions & Publications	293	800	800	800
Supplies Total			134,791	178,250	178,250	180,750
Other Services	100-202-55400-00	Conferences, Seminars & Training	249	1,000	1,000	1,000
Other Services Total			249	1,000	1,000	1,000
Other Expenses	100-202-58502-00	Interest Expense-Note Payable	108,727	105,468	105,468	100,330
	100-202-58700-00	Bad Debt Expense	8,358	-	-	-
Other Expenses Total			117,085	105,468	105,468	100,330
Capital Assets	100-202-17200-01	Buildings CY	60,267	-	-	40,000
	100-202-17300-01	Imp Other than Buildings CY	18,616	-	-	45,000
	100-202-17400-01	Vehicles CY	38,992	36,000	47,000	200,000
	100-202-17500-01	Furniture & Office Equipment CY	-	6,000	6,000	16,000
	100-202-25000-00	Note Payable - Long Term	90,000	90,000	90,000	230,000
Capital Assets Total			207,875	132,000	143,000	531,000
Grand Total			830,382	820,018	820,018	1,187,780

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: Administration & Financial Services
Department: Business Diversity & Inclusion

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	100-211-53100-00	Contractual Professional Services	4,943	5,000	5,000	5,000
	100-211-53700-00	Displays	-	1,000	1,000	1,000
Professional Technical Services Total			4,943	6,000	6,000	6,000
Property Services	100-211-54104-00	Hosting, SAAS and Support Agreements	3,000	3,438	3,438	
	100-211-54300-00	Event Sponsorships	16,318	29,750	29,750	29,750
Property Services Total			19,318	33,188	33,188	29,750
Supplies	100-211-56102-00	Promotional Supplies	7,954	8,000	8,000	8,000
	100-211-56105-00	Office Supplies	72	500	500	500
	100-211-56107-00	Event Materials and Supplies	-	300	300	300
	100-211-56501-00	Memberships	8,235	9,000	9,000	9,000
Supplies Total			16,261	17,800	17,800	17,800
Other Services	100-211-55100-00	Printing	739	3,000	3,000	3,000
	100-211-55200-00	Public & Legal Notices	11,431	20,000	20,000	-
	100-211-55400-00	Conferences, Seminars & Training	1,307	3,000	3,000	3,000
	100-211-55500-00	Meeting Expenses	942	2,500	2,500	2,500
Other Services Total			14,419	28,500	28,500	8,500
Grand Total			54,941	85,488	85,488	62,050

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: Administration & Financial Services
Department: Human Resources

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Employee Benefits	100-204-52200-00	Tuition/Student Loan Reimbursements	36,399	48,000	45,000	46,600
Employee Benefits Total			36,399	48,000	45,000	46,600
Professional Technical Services	100-204-53100-00	Contractual Professional Services	27,957	121,000	121,000	91,000
	100-204-53500-00	Pre-Employment Services	3,851	11,000	6,000	6,000
	100-204-53600-00	Temporary Services	852	6,000	-	5,000
Professional Technical Services Total			32,660	138,000	127,000	102,000
Property Services	100-204-54104-00	Hosting, SAAS and Support Agreements	57,578	56,350	58,600	64,585
	100-204-54500-00	Non-Capital Assets	7,836	-	-	2,000
Property Services Total			65,414	56,350	58,600	66,585
Supplies	100-204-56104-00	Kitchen & Janitorial	5,473	20,000	20,000	20,000
	100-204-56105-00	Office Supplies	30,152	35,000	35,000	35,000
	100-204-56106-00	Clothing	3,022	20,000	20,000	20,000
	100-204-56108-00	Remote Work Supplies	-	-	-	20,000
	100-204-56300-00	Postage	10,177	12,000	12,000	20,000
	100-204-56501-00	Memberships	1,164	2,200	2,200	2,200
Supplies Total			49,988	89,200	89,200	117,200
Other Services	100-204-55100-00	Printing	-	1,000	1,000	1,000
	100-204-55200-00	Public & Legal Notices	-	8,000	5,000	8,000
	100-204-55400-00	Conferences, Seminars & Training	5,789	20,000	20,000	20,000
	100-204-55500-00	Meeting Expenses	21,470	48,000	48,000	52,000
	100-204-55900-00	Fees, Licenses and Permits	2,733	300	300	350
Other Services Total			29,992	77,300	74,300	81,350
Capital Assets	100-204-17500-01	Furniture & Office Equipment CY	-	-	-	-
	100-204-17800-01	Computer Hardware CY	-	-	-	-
Capital Assets Total			-	-	-	-
Grand Total			214,453	408,850	394,100	413,735

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: Administration & Financial Services
Department: Information Technology

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	100-205-53100-00	Contractual Professional Services	166,772	450,900	450,900	395,500
Professional Technical Services Total			166,772	450,900	450,900	395,500
Property Services	100-205-54102-00	Equipment Maintenance	(420)	-	-	-
	100-205-54104-00	Hosting, SAAS and Support Agreements	299,097	273,835	273,835	319,235
	100-205-54201-00	Equipment Rental		32,000	32,000	17,000
	100-205-54300-00	Event Sponsorships	-	10,000	10,000	10,000
	100-205-54500-00	Non-Capital Assets	110,085	70,300	70,300	35,000
Property Services Total			408,762	386,135	386,135	381,235
Supplies	100-205-56101-00	Computer Supplies	18,179	25,000	25,000	25,000
	100-205-56105-00	Office Supplies	299	500	500	500
	100-205-56501-00	Memberships	-	1,000	1,000	1,000
Supplies Total			18,478	26,500	26,500	26,500
Other Services	100-205-55300-00	Telecommunication Services	55,873	84,464	84,464	84,464
	100-205-55400-00	Conferences, Seminars & Training	2,808	30,000	30,000	30,000
	100-205-55500-00	Meeting Expenses	171	700	700	900
Other Services Total			58,852	115,164	115,164	115,364
Capital Assets	100-205-17200-01	Buildings CY	62,558	1,600	1,600	-
	100-205-17700-01	Computer Software CY	250,000	-	-	-
	100-205-17800-01	Computer Hardware CY	61,724	457,400	457,400	85,000
Capital Assets Total			374,282	459,000	459,000	85,000
Grand Total			1,027,146	1,437,699	1,437,699	1,003,599

Edwards Aquifer Authority
2022 Adopted Operating Budget

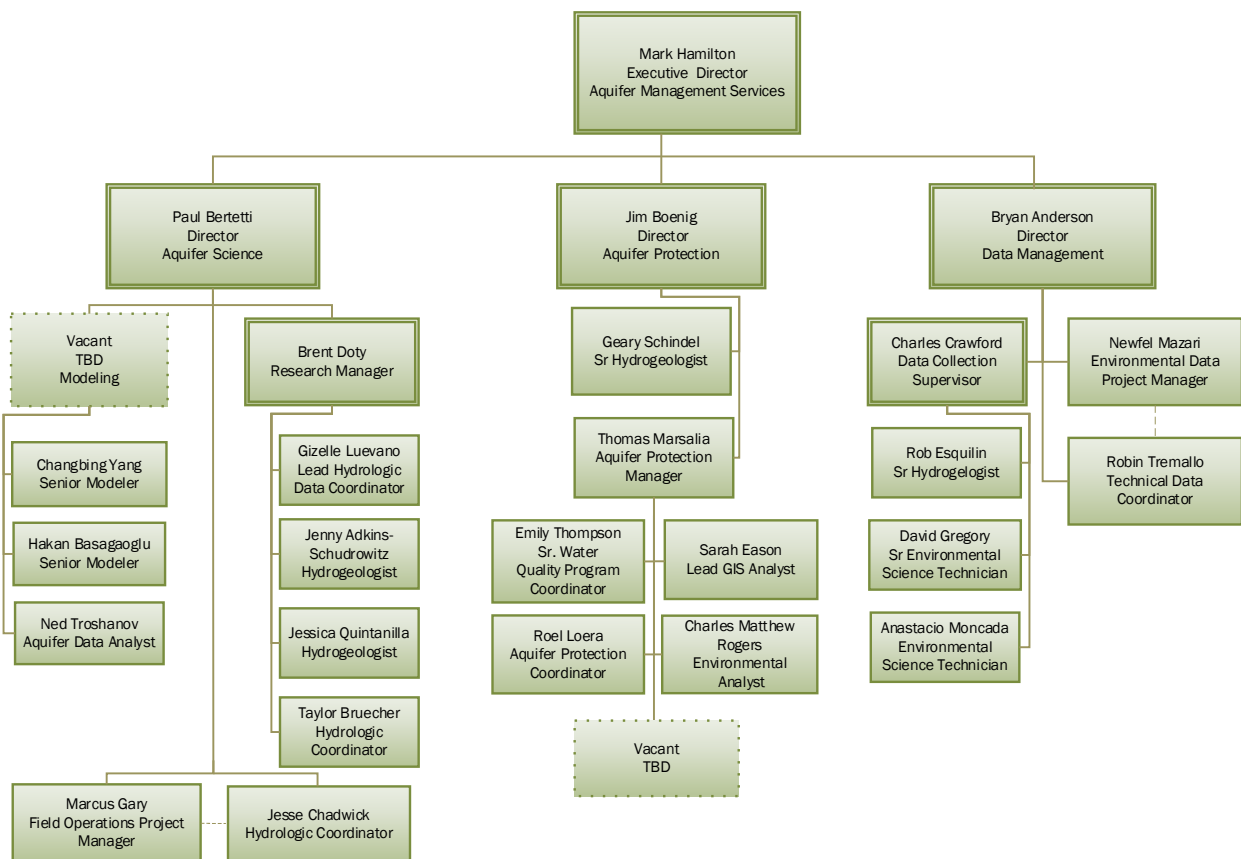
Division: Administration & Financial Services
Department: Records

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	100-208-53100-00	Contractual Professional Services	1,151	14,952	14,952	5,000
	100-208-53400-00	Records Services	3,892	7,000	6,000	7,000
Professional Technical Services Total			5,043	21,952	20,952	12,000
Property Services	100-208-54104-00	Hosting, SAAS and Support Agreements	13,258	13,848	14,158	15,158
	100-208-54500-00	Non-Capital Assets	4,800	5,000	5,000	5,000
Property Services Total			18,058	18,848	19,158	20,158
Supplies	100-208-56105-00	Office Supplies	-	2,000	2,000	2,000
	100-208-56501-00	Memberships	400	400	400	400
Supplies Total			400	2,400	2,400	2,400
Other Services	100-208-55500-00	Meeting Expenses	1,664	2,500	2,500	2,500
Other Services Total			1,664	2,500	2,500	2,500
Capital Assets	100-208-17500-01	Furniture & Office Equipment CY	5,200	-	-	-
	100-208-17800-00	Computer Hardware	-	-	-	-
Capital Assets Total			5,200	-	-	-
Grand Total			30,365	45,700	45,010	37,058

AQUIFER MANAGEMENT SERVICES DIVISION







Aquifer Management Services Division





Aquifer Management Services


The Aquifer Management Services Division is subdivided into three program areas that support the mission of the Edwards Aquifer Authority. Specifically, research and groundwater modeling activities are conducted by the Aquifer Science and Modeling Program. This program strives to continually improve the overall understanding of aquifer behavior with the goal of informing policy makers with sound science to contribute to managing the aquifer today and in the future. The Data Management and Data Collection Program is tasked with collecting rainfall, weather, and water level data across the region through use of telemetered and manually collected data. This program is also responsible for the proper storage and qualification of these data. The Aquifer Protection Program has charge of annual conservation easement inspections held by both the City of San Antonio and the EAA across the region. Easement protected lands currently total over 165,000 acres and approximately 100 different properties. The division is also responsible for the EAA's Field Research Park, a 151-acre Recharge Zone property that is home to a series of sustainable land management practices used as both a demonstration and research endeavor. These practices are aimed at benefitting aquifer sustainability and enhancing the understanding of aquifer and groundwater behavior. The division comprises the following departments:

-  **General:** Expenses not directly associated with a specific operational program, such as salaries and benefits, conferences and training, meeting and travel, memberships, and subscriptions are reflected in this department.
-  **Aquifer Protection:** Through the Edwards Aquifer Protection Program, staff monitor EAA-held conservation easements, and assists other entities with conservation easement acquisitions and monitoring, and conducts educational activities related to aquifer protection. The City of San Antonio (City) and the EAA inter-local agreement provides for a reimbursement to the EAA to perform conservation easement monitoring and geologic assessment services under the City's Edwards Aquifer Protection Program. The City reimbursement (\$246,141) is budgeted in this department as an offset to expenses incurred and for reimbursement of various personnel costs recorded in the General category of expenses above. Other areas of responsibility include annual maintenance and data collection at the four recharge dams in Medina County.
-  **Aquifer Science Research:** EAA funded research projects are conducted to address questions directly related to the understanding and management of the Edwards Aquifer. Information collected through the program is used to improve our understanding of the aquifer and refine the conceptual model of the aquifer system. Subsequently, these refinements are carried forward to improve EAA groundwater models, allowing for better management and increased sustainability of the resource. This group is also responsible for collecting data that supports the research.
-  **Data Management:** Data management refers to the overall process of properly collecting, storing, analyzing, quality checking, and retrieving the multiple data streams under the AMS Division umbrella. This program is also responsible for developing and maintaining standard procedures for data collection and storage. Another component of data

management is focused on the use of telemetry systems to transmit water level, rainfall, weather, and real-time water quality data directly to EAA databases. The telemetry network has proven to increase staff efficiency and will continue to be refined and upgraded over time. Telemetered data are used for multiple purposes, to include recharge estimates and production of high resolution rainfall data for the region.

 **Field Research Park:** Through the Field Research Park the EAA is working to develop long term monitoring techniques for different parameters associated with aquifer system behavior and groundwater sustainability. For example, data collection associated with rainfall, solar radiation, temperature, wind speed, and soil moisture have been initiated and will be expanded over time. In addition, groundwater levels, water chemistry, vegetation mapping, and detail geologic mapping have been conducted at the site with ongoing efforts planned. This site affords the EAA the opportunity to make long-term observations that will improve our understanding of system behavior under various atmospheric and hydrologic conditions. The Field Research Park is also the site for development and quantification of land management techniques that have the potential to positively impact water quality and quantity with the goal of increased sustainability of the system.

 **Land Stewardship:** Through the Range Management program, the EAA provides cost share incentives to landowners who perform brush control (generally Ashe juniper control) on properties located on the Edwards Aquifer Recharge Zone. The EAA works in cooperation with the U.S. Department of Agriculture – Natural Resources Conservation Service to encourage brush control with the goal of improving water quality and recharge potential to benefit all aquifer users. Activities include developing agreements with landowners to formalize brush control and landowner reimbursement details, developing program information documents, inspecting properties, and administering reimbursement payments. Funding for range management and land management research projects, such as the work planned at the Field Research Park is also included in this program area as part of a new incentive to restore the water holding capacity of soils in the region.

 **Modeling:** Groundwater modeling is conducted through the use of computer models developed specifically for the Edwards Aquifer. These models are periodically refined through ongoing research related to the aquifer system. Additionally, new modeling techniques are being applied to groundwater that include machine learning algorithms (artificial intelligence models), and sub-regional surface water/groundwater coupled models that hold promise for improved management of the system. Watershed modeling to better understand and quantify aquifer recharge is conducted within this area, as is modeling support related to the EAA Habitat Conservation Plan.

Division Expenses, by Classification:

Expense Classification	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Salaries & Wages	\$ 2,404,966	\$ 2,486,221	\$ 2,486,221	\$ 2,569,420
Employee Benefits	790,465	787,877	787,877	849,901
Professional Technical Services	828,797	1,362,000	1,362,000	1,594,359
Property Services	252,144	534,000	534,000	412,100
Supplies	52,877	124,700	129,700	104,700
Other Services	27,931	95,450	95,450	117,950
Capital Assets	76,003	253,800	243,800	522,500
Grand Total	\$ 4,433,183	\$ 5,644,048	\$ 5,639,048	\$ 6,170,930

Division Expenses, by Department:

Department	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
AMS - General	\$ 3,208,217	\$ 3,342,798	\$ 3,342,798	\$ 3,468,021
Aquifer Protection	(138,980)	157,500	158,000	(61,141)
Aquifer Science Research	970,185	1,368,800	1,358,800	1,910,700
Data Management	169,646	315,200	319,700	344,000
Field Research Park	88,856	155,750	155,750	193,850
Land Stewardship	998	72,500	72,500	28,000
Modeling	134,261	231,500	231,500	287,500
Grand Total	\$ 4,433,183	\$ 5,644,048	\$ 5,639,048	\$ 6,170,930

Edwards Aquifer Authority
2022 Adopted Operating Budget

Aquifer Management Services Division Summary

Expense Classification	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Salaries & Wages	Salaries & Wages	2,089,487	2,480,221	2,480,221	2,563,420
	Holiday Leave	164,197	-	-	-
	Overtime	471	6,000	6,000	6,000
	Sick Leave	55,769	-	-	-
	Vacation Leave	95,042	-	-	-
Salaries & Wages Total		2,404,966	2,486,221	2,486,221	2,569,420
Employee Benefits	401a Money Purchase Plan Contributions	25,360	-	-	-
	Allowances	6,050	6,000	6,000	6,000
	Dental Insurance	8,582	9,287	9,287	8,029
	Employer FICA & Medicare	178,241	190,196	190,196	196,561
	Health Insurance	157,397	237,878	237,878	195,051
	Life & AD&D Insurance	8,819	9,822	9,822	9,844
	LT Disability Insurance	6,433	7,689	7,689	7,178
	Medical Allowance Reimbursement	106,799	84,993	84,993	135,000
	Other Benefit Expenses	3	-	-	-
	Pension Expense	294,324	-	-	-
	Retirement Contributions	(6,367)	234,451	234,451	284,949
	State Unemployment Tax	4,824	7,561	7,561	7,290
Employee Benefits Total		790,465	787,877	787,877	849,901
Professional Technical Services	Aquarena Center Services	175	5,000	5,000	2,500
	Aquifer Science Advisory Panel	-	15,000	15,000	15,000
	City of San Antonio - ILA Cost Share Reimbursement	(175,000)	(175,000)	(175,000)	(246,141)
	Contractual Professional Services	45,909	295,000	295,000	310,000
	EA Model	95,988	100,000	100,000	100,000
	Focused Flow Path Studies	-	15,000	15,000	15,000
	Groundwater Mgt Advisory Panel	-	15,000	15,000	15,000
	Hydrologic Budget Studies	116,973	130,000	130,000	130,000
	Interformational Flow Studies	75,911	130,000	130,000	355,000
	Joint Funding Agreement	375,115	380,000	380,000	380,000
	Lab Services	102,399	270,000	270,000	270,000
	NBU/COSM Interlocal Support	19,902	15,000	15,000	15,000
	Trinity-Edwards USGS Mapping III	65,425	-	-	-
	Trinity-Edwards USGS Mapping IV	106,000	167,000	167,000	173,000
	Trinity-Edwards USGS Mapping V	-	-	-	60,000
Professional Technical Services Total		828,797	1,362,000	1,362,000	1,594,359
Property Services	Equipment Maintenance	17,117	56,500	56,500	66,500
	Equipment Rental	1,310	6,900	6,900	7,000
	Event Sponsorships	-	3,500	3,500	8,000
	Facilities Maintenance	14,842	239,400	239,400	65,000
	Facilities Rental	(3,638)	3,600	3,600	3,600
	Hosting, SAAS and Support Agreements	95,972	140,300	140,300	128,000
	Non-Capital Assets	126,541	83,800	83,800	134,000
Property Services Total		252,144	534,000	534,000	412,100
Supplies	Computer Supplies	-	1,000	1,000	1,000
	Electrical Services	1,832	2,500	7,000	7,000
	Field Supplies	43,287	111,000	111,500	86,500
	Memberships	7,604	10,000	10,000	10,000
	Subscriptions & Publications	154	200	200	200
Supplies Total		52,877	124,700	129,700	104,700
Other Services	Conferences, Seminars & Training	5,262	40,000	40,000	48,000
	Lodging	-	1,000	1,000	1,000
	Meeting Expenses	838	11,700	11,700	13,700
	Printing	-	8,750	8,750	20,250
	Telecommunication Services	20,702	28,000	28,000	29,000
	Travel/Lodging	1,129	6,000	6,000	6,000
Other Services Total		27,931	95,450	95,450	117,950

Edwards Aquifer Authority
2022 Adopted Operating Budget

Aquifer Management Services Division Summary

Expense Classification	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Capital Assets	Computer Hardware CY	-	90,400	85,400	70,000
	Computer Software CY	-	22,000	17,000	17,000
	Furniture & Office Equipment CY	-	-	-	25,000
	Imp Other than Buildings CY	33,270	22,200	22,200	55,000
	Vadose Zone Research Equipment	-	-	-	40,000
	Vehicles CY	-	22,200	22,200	18,000
	Water Sampling/Monitoring Equipment CY	42,733	97,000	97,000	97,500
	Well Logging Equipment CY	-	-	-	-
	Easement Assessment Tool	-	-	-	200,000
Capital Assets Total		76,003	253,800	243,800	522,500
Grand Total		4,433,183	5,644,048	5,639,048	6,170,930

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: Aquifer Management Services
Department: General

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Salaries & Wages	100-903-51000-00	Salaries & Wages	2,089,487	2,480,221	2,480,221	2,563,420
	100-903-51100-00	Overtime	471	6,000	6,000	6,000
	100-903-51200-00	Sick Leave	55,769	-	-	-
	100-903-51300-00	Vacation Leave	95,042	-	-	-
	100-903-51400-00	Holiday Leave	164,197	-	-	-
Salaries & Wages Total			2,404,966	2,486,221	2,486,221	2,569,420
Employee Benefits	100-903-52002-00	Employer FICA & Medicare	178,241	190,196	190,196	196,561
	100-903-52003-00	Retirement Contributions	(6,367)	234,451	234,451	284,949
	100-903-52004-00	LT Disability Insurance	6,433	7,689	7,689	7,178
	100-903-52005-00	Health Insurance	157,397	237,878	237,878	195,051
	100-903-52006-00	Dental Insurance	8,582	9,287	9,287	8,029
	100-903-52008-00	State Unemployment Tax	4,824	7,561	7,561	7,290
	100-903-52024-00	Life & AD&D Insurance	8,819	9,822	9,822	9,844
	100-903-52035-00	Medical Allowance Reimbursement	106,799	84,993	84,993	135,000
	100-903-52100-00	Allowances	6,050	6,000	6,000	6,000
	100-903-52103-00	Pension Expense	294,324	-	-	-
	100-903-52105-00	401a Money Purchase Plan Contributions	25,360	-	-	-
	100-903-52999-00	Other Benefit Expenses	3	-	-	-
Employee Benefits Total			790,465	787,877	787,877	849,901
Property Services	100-003-54500-00	Non-Capital Assets	211	1,500	1,500	1,500
Property Services Total			211	1,500	1,500	1,500
Supplies	100-003-56101-00	Computer Supplies	-	1,000	1,000	1,000
	100-003-56501-00	Memberships	7,604	10,000	10,000	10,000
	100-003-56502-00	Subscriptions & Publications	154	200	200	200
Supplies Total			7,758	11,200	11,200	11,200
Other Services	100-003-55400-00	Conferences, Seminars & Training	4,248	24,500	24,500	24,500
	100-003-55500-00	Meeting Expenses	569	1,500	1,500	1,500
Other Services Total			4,817	26,000	26,000	26,000
Capital Assets	100-003-17800-01	Computer Hardware CY	-	30,000	30,000	10,000
Capital Assets Total			-	30,000	30,000	10,000
Grand Total			3,208,217	3,342,798	3,342,798	3,468,021

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: Aquifer Management Services
Department: Aquifer Protection

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	100-306-53100-00	Contractual Professional Services	900	50,000	50,000	50,000
	100-306-53100-02	City of San Antonio - ILA Cost Share Reimbursement	(175,000)	(175,000)	(175,000)	(246,141)
Professional Technical Services Total			(174,100)	(125,000)	(125,000)	(196,141)
Property Services	100-306-54102-00	Equipment Maintenance	198	5,000	5,000	5,000
	100-306-54103-00	Facilities Maintenance	6,952	221,000	221,000	50,000
	100-306-54104-00	Hosting, SAAS and Support Agreements	-	30,000	30,000	35,000
	100-306-54500-00	Non-Capital Assets	24,930	7,500	7,500	7,500
Property Services Total			32,080	263,500	263,500	97,500
Supplies	100-306-56103-00	Field Supplies	1,891	6,000	6,500	6,500
Supplies Total			1,891	6,000	6,500	6,500
Other Services	100-306-55100-00	Printing	-	1,000	1,000	1,000
	100-306-55500-00	Meeting Expenses	20	2,000	2,000	2,000
	100-306-55800-00	Travel/Lodging	1,129	3,000	3,000	3,000
Other Services Total			1,149	6,000	6,000	6,000
Capital Assets	100-306-17400-01	Vehicles CY	-	-	-	18,000
	100-306-17700-01	Computer Software CY	-	7,000	7,000	7,000
Capital Assets Total			-	7,000	7,000	25,000
Grand Total			(138,980)	157,500	158,000	(61,141)

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: Aquifer Management Services
Department: Aquifer Science Research

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	100-302-53100-00	Contractual Professional Services	8,260	20,000	20,000	20,000
	100-302-53108-00	Joint Funding Agreement	375,115	380,000	380,000	380,000
	100-302-53110-00	Lab Services	102,399	270,000	270,000	270,000
	100-302-53126-00	Focused Flow Path Studies	-	15,000	15,000	15,000
	100-302-53127-00	Interformational Flow Studies	75,911	130,000	130,000	355,000
	100-302-53133-00	Aquifer Science Advisory Panel	-	15,000	15,000	15,000
	100-302-53138-00	Hydrologic Budget Studies	116,973	130,000	130,000	130,000
	100-302-53151-00	Aquarena Center Services	175	5,000	5,000	2,500
	100-302-53153-00	NBU/COSM Interlocal Support	19,902	15,000	15,000	15,000
	100-302-53154-02	Trinity-Edwards USGS Mapping III	65,425	-	-	-
	100-302-53154-03	Trinity-Edwards USGS Mapping IV	106,000	167,000	167,000	173,000
	100-302-53154-04	Trinity-Edwards USGS Mapping V	-	-	-	60,000
Professional Technical Services Total			870,160	1,147,000	1,147,000	1,435,500
Property Services	100-302-54102-00	Equipment Maintenance	3,444	15,000	15,000	20,000
	100-302-54104-00	Hosting, SAAS and Support Agreements	33,600	61,100	61,100	60,000
	100-302-54201-00	Equipment Rental	-	2,500	2,500	2,500
	100-302-54202-00	Facilities Rental	-	3,500	3,500	3,500
	100-302-54300-00	Event Sponsorships	-	500	500	2,500
	100-302-54500-00	Non-Capital Assets	13,578	20,000	20,000	30,000
Property Services Total			50,622	102,600	102,600	118,500
Supplies	100-302-56103-00	Field Supplies	18,911	40,000	40,000	45,000
Supplies Total			18,911	40,000	40,000	45,000
Other Services	100-302-55100-00	Printing	-	4,000	4,000	6,500
	100-302-55400-00	Conferences, Seminars & Training	1,014	15,500	15,500	15,500
	100-302-55500-00	Meeting Expenses	101	1,700	1,700	1,700
	100-302-55800-00	Travel/Lodging	-	3,000	3,000	3,000
Other Services Total			1,115	24,200	24,200	26,700
Capital Assets	100-302-17500-04	Well Logging Equipment CY	-	-	-	-
	100-302-17500-05	Water Sampling/Monitoring Equipment CY	29,377	45,000	45,000	45,000
	100-302-17500-06	Vadose Zone Research Equipment	-	-	-	40,000
	100-302-17700-01	Computer Software CY	-	5,000	-	-
	100-302-17800-01	Computer Hardware CY	-	5,000	-	-
	100-302-17500-07	Easement Assessment Tool	-	-	-	200,000
Capital Assets Total			29,377	55,000	45,000	285,000
Grand Total			970,185	1,368,800	1,358,800	1,910,700

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: Aquifer Management Services
Department: Data Management

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	100-312-53100-00	Contractual Professional Services	5,000	45,000	45,000	95,000
Professional Technical Services Total			5,000	45,000	45,000	95,000
Property Services	100-312-54102-00	Equipment Maintenance	13,475	25,000	25,000	30,000
	100-312-54103-00	Facilities Maintenance	-	7,500	7,500	7,500
	100-312-54104-00	Hosting, SAAS and Support Agreements	57,180	49,200	49,200	25,000
	100-312-54201-00	Equipment Rental	-	2,500	2,500	2,500
	100-312-54202-00	Facilities Rental	(3,738)	-	-	-
	100-312-54500-00	Non-Capital Assets	51,943	38,000	38,000	55,000
Property Services Total			118,860	122,200	122,200	120,000
Supplies	100-312-56103-00	Field Supplies	9,742	55,000	55,000	25,000
	100-312-56400-00	Electrical Services	1,841	2,500	7,000	7,000
Supplies Total			11,583	57,500	62,000	32,000
Other Services	100-312-55100-00	Printing	-	1,000	1,000	1,000
	100-312-55300-00	Telecommunication Services	20,702	28,000	28,000	29,000
	100-312-55500-00	Meeting Expenses	145	1,500	1,500	2,000
Other Services Total			20,847	30,500	30,500	32,000
Capital Assets	100-312-17500-05	Water Sampling/Monitoring Equipment CY	13,356	40,000	40,000	45,000
	100-312-17800-01	Computer Hardware CY	-	20,000	20,000	20,000
Capital Assets Total			13,356	60,000	60,000	65,000
Grand Total			169,646	315,200	319,700	344,000

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: Aquifer Management Services
Department: Field Research Park

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	100-310-53100-00	Contractual Professional Services	30,751	50,000	50,000	50,000
Professional Technical Services Total			30,751	50,000	50,000	50,000
Property Services	100-310-54102-00	Equipment Maintenance	-	10,000	10,000	10,000
	100-310-54103-00	Facilities Maintenance	7,890	10,900	10,900	7,500
	100-310-54201-00	Equipment Rental	1,310	1,900	1,900	2,000
	100-310-54202-00	Facilities Rental	100	100	100	100
	100-310-54300-00	Event Sponsorships	-	2,500	2,500	5,000
	100-310-54500-00	Non-Capital Assets	2,789	12,800	12,800	10,000
Property Services Total			12,089	38,200	38,200	34,600
Supplies	100-310-56103-00	Field Supplies	12,743	5,000	5,000	5,000
Supplies Total			12,743	5,000	5,000	5,000
Other Services	100-310-55100-00	Printing	-	750	750	750
	100-310-55500-00	Meeting Expenses	3	1,000	1,000	2,500
	100-310-55800-00	Lodging	-	1,000	1,000	1,000
Other Services Total			3	2,750	2,750	4,250
Capital Assets	100-310-17300-01	Imp Other than Buildings CY	33,270	22,200	22,200	55,000
	100-310-17400-01	Vehicles CY	-	22,200	22,200	-
	100-310-17500-01	Furniture & Office Equipment CY	-	-	-	25,000
	100-310-17800-01	Computer Hardware CY	-	15,400	15,400	20,000
Capital Assets Total			33,270	59,800	59,800	100,000
Grand Total			88,856	155,750	155,750	193,850

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: Aquifer Management Services
Department: Land Stewardship

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	100-305-53100-00	Contractual Professional Services	998	50,000	50,000	10,000
Professional Technical Services Total			998	50,000	50,000	10,000
Property Services	100-305-54102-00	Equipment Maintenance	-	1,500	1,500	1,500
	100-305-54300-00	Event Sponsorships	-	500	500	500
Property Services Total			-	2,000	2,000	2,000
Supplies	100-305-56103-00	Field Supplies	-	5,000	5,000	5,000
Supplies Total			-	5,000	5,000	5,000
Other Services	100-305-55100-00	Printing	-	1,000	1,000	1,000
	100-305-55500-00	Meeting Expenses	-	2,500	2,500	2,500
Other Services Total			-	3,500	3,500	3,500
Capital Assets	100-305-17500-05	Water Sampling/Monitoring Equipment CY	-	12,000	12,000	7,500
Capital Assets Total			-	12,000	12,000	7,500
Grand Total			998	72,500	72,500	28,000

Edwards Aquifer Authority
2022 Adopted Operating Budget

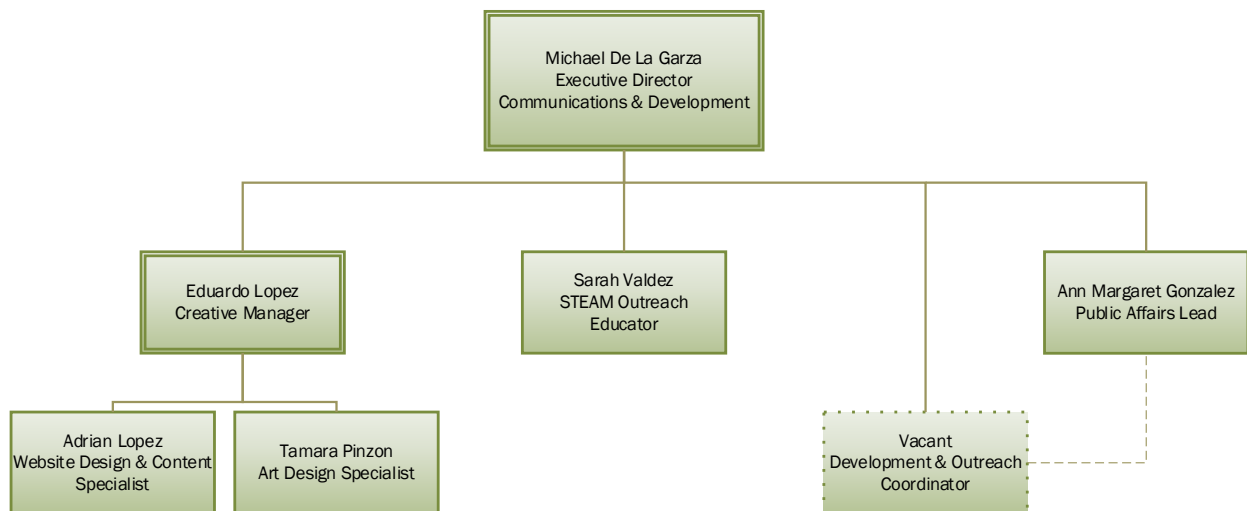
Division: Aquifer Management Services
Department: Modeling

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	100-304-53100-00	Contractual Professional Services	-	80,000	80,000	85,000
	100-304-53118-00	EA Model	95,988	100,000	100,000	100,000
	100-304-53119-00	Groundwater Mgt Advisory Panel	-	15,000	15,000	15,000
Professional Technical Services Total			95,988	195,000	195,000	200,000
Property Services	100-304-54104-00	Hosting, SAAS and Support Agreements	5,192	-	-	8,000
	100-304-54500-00	Non-Capital Assets	33,090	4,000	4,000	30,000
Property Services Total			38,282	4,000	4,000	38,000
Supplies	100-304-56400-00	Electrical Services	(9)	-	-	-
Supplies Total			(9)	-	-	-
Other Services	100-304-55100-00	Printing	-	1,000	1,000	10,000
	100-304-55400-00	Conferences, Seminars & Training	-	-	-	8,000
	100-304-55500-00	Meeting Expenses	-	1,500	1,500	1,500
Other Services Total			-	2,500	2,500	19,500
Capital Assets	100-304-17700-01	Computer Software CY	-	10,000	10,000	10,000
	100-304-17800-01	Computer Hardware CY	-	20,000	20,000	20,000
Capital Assets Total			-	30,000	30,000	30,000
Grand Total			134,261	231,500	231,500	287,500

COMMUNICATIONS & DEVELOPMENT DIVISION







Communications & Development Division



Communications & Development

The Communications & Development division strives to take a proactive, strategic approach to communication and outreach across all EAA operations to foster greater cohesion, collaboration, and consistency in public information dissemination. Additionally, the division is responsible for the administration of the Edwards Aquifer Conservancy (EAC), including planning and execution of activities focused on building awareness and financial support of the EAA and its mission. The Communications & Development division is comprised of the following departments:

-  **General:** Expenses not directly associated with a specific operational program, such as salaries and benefits, conferences and training, meeting and travel, memberships, and subscriptions are reflected in this department.
-  **Edwards Aquifer Conservancy:** The EAC solely supports and benefits the work of the EAA, including the establishment of programs and practices that protect habitat and species, sustain agricultural practices, promote water conservation, and support the development of water management solutions within the diverse Edwards Aquifer region. This coming year, the Conservancy will aggressively pursue funding for the Education Outreach Center planned for Morgan's Wonderland Camp, and the Field Research Observatory Complex which would be located on public lands just north of the Camp. These projects will occupy the Conservancy's time and energy and provide the impetus for additional funding initiatives. Additionally, the Next Generation initiative will increase fund development efforts and expectations.
-  **Public Information:** To convey its mission in and throughout the community the department spearheads public information campaigns, employs a speakers' bureau, and undertakes media relations, social media & community outreach programs throughout the region. Furthermore, the EAA's communications team provides support and materials as needed to aid in the individual missions of all EAA programs, in terms of developing and sharing program-specific information with permit holders, stakeholders, and other interested parties. The migration of our website is complete and internally managed by EAA staff. The refreshing of the main EAA website has been delayed to the 2022 calendar year, along with the creation of other potential additional websites to support the Education Outreach Center, the HCP ITP renewal process, and other possibilities. We continue to promote the EAA through already vigorous Social Media efforts, which will include use of the NextDoor social platform.
-  **School Education:** The EAA education program works with students and teachers in the region to educate them on water-related issues, specifically as they relate to the Edwards Aquifer. Funds are budgeted in this program for educational materials, website programming offerings, workshops and field trips for students and area teachers at the Education Outreach Center. With 2021 largely being a year where the Education Outreach Center has been prepared for operation, 2022 will be occupied with formulating and executing a publicity and outreach plan for the Center, which will become the primary

outlet for education and information to be presented in an interactive and engaging manner for people of all ages.

Division Expenses, by Classification:

Expense Classification	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Salaries & Wages	\$ 430,347	\$ 537,581	\$ 537,581	\$ 561,626
Employee Benefits	126,299	182,644	182,644	200,620
Professional Technical Services	136,465	1,155,000	1,155,000	773,000
Property Services	24,262	129,428	104,428	182,500
Supplies	48,569	143,400	128,400	169,500
Other Services	43,963	92,500	85,000	91,500
Capital Assets	123,516	-	-	-
Grand Total	\$ 933,421	\$ 2,240,553	\$ 2,193,053	\$ 1,978,746

Division Expenses, by Department:

Department	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
C&D - General	\$ 557,075	\$ 725,225	\$ 725,225	\$ 767,246
Public Information	344,294	1,304,828	1,282,328	921,000
School Education	32,052	210,500	185,500	290,500
Grand Total	\$ 933,421	\$ 2,240,553	\$ 2,193,053	\$ 1,978,746

Edwards Aquifer Authority
2022 Adopted Operating Budget

Communications & Development Division Summary

Expense Classification	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Salaries & Wages	Salaries & Wages	383,713	537,581	537,581	561,626
	Holiday Leave	29,824	-	-	-
	Sick Leave	4,968	-	-	-
	Vacation Leave	11,842	-	-	-
Salaries & Wages Total		430,347	537,581	537,581	561,626
Employee Benefits	Allowances	2,200	2,100	2,100	2,100
	Dental Insurance	1,907	2,322	2,322	2,082
	Employer FICA & Medicare	22,709	41,125	41,125	42,964
	Health Insurance	35,666	59,469	59,469	50,569
	Life & AD&D Insurance	1,556	2,129	2,129	2,157
	LT Disability Insurance	1,134	1,666	1,666	1,573
	Medical Allowance Reimbursement	18,868	21,248	21,248	35,000
	Pension Expense	42,148	-	-	-
	Retirement Contributions	(748)	50,694	50,694	62,284
	State Unemployment Tax	859	1,891	1,891	1,890
Employee Benefits Total		126,299	182,644	182,644	200,620
Professional Technical Services	Contractual Professional Services	136,465	1,155,000	1,155,000	773,000
Professional Technical Services Total		136,465	1,155,000	1,155,000	773,000
Property Services	Event Sponsorships	6,453	102,500	77,500	120,000
	Facilities Rental	4,115	15,000	15,000	17,500
	Hosting, SAAS and Support Agreements	1,428	6,928	6,928	15,000
	Non-Capital Assets	12,266	5,000	5,000	30,000
Property Services Total		24,262	129,428	104,428	182,500
Supplies	Clothing	-	5,000	2,500	5,000
	Event Materials and Supplies	21,327	39,900	39,900	30,000
	Memberships	275	500	500	2,500
	Office Supplies	944	10,000	10,000	10,000
	Promotional Supplies	17,119	74,500	62,000	115,000
	Subscriptions & Publications	8,904	13,500	13,500	7,000
Supplies Total		48,569	143,400	128,400	169,500
Other Services	Conferences, Seminars & Training	429	5,000	5,000	5,000
	Meeting Expenses	7,404	11,500	4,000	11,500
	Printing	36,130	76,000	76,000	75,000
Other Services Total		43,963	92,500	85,000	91,500
Capital Assets	Construction in Progress	87,326	-	-	-
	Imp Other than Buildings	36,190	-	-	-
Capital Assets Total		123,516	-	-	-
Grand Total		933,421	2,240,553	2,193,053	1,978,746

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: Communications & Development
Department: General

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Salaries & Wages	100-906-51000-00	Salaries & Wages	383,713	537,581	537,581	561,626
	100-906-51200-00	Sick Leave	4,968	-	-	-
	100-906-51300-00	Vacation Leave	11,842	-	-	-
	100-906-51400-00	Holiday Leave	29,824	-	-	-
Salaries & Wages Total			430,347	537,581	537,581	561,626
Employee Benefits	100-906-52002-00	Employer FICA & Medicare	22,709	41,125	41,125	42,964
	100-906-52003-00	Retirement Contributions	(748)	50,694	50,694	62,284
	100-906-52004-00	LT Disability Insurance	1,134	1,666	1,666	1,573
	100-906-52005-00	Health Insurance	35,666	59,469	59,469	50,569
	100-906-52006-00	Dental Insurance	1,907	2,322	2,322	2,082
	100-906-52008-00	State Unemployment Tax	859	1,891	1,891	1,890
	100-906-52024-00	Life & AD&D Insurance	1,556	2,129	2,129	2,157
	100-906-52035-00	Medical Allowance Reimbursement	18,868	21,248	21,248	35,000
	100-906-52100-00	Allowances	2,200	2,100	2,100	2,100
	100-906-52103-00	Pension Expense	42,148	-	-	-
Employee Benefits Total			126,299	182,644	182,644	200,620
Other Services	100-006-55400-00	Conferences, Seminars & Training	429	5,000	5,000	5,000
Other Services Total			429	5,000	5,000	5,000
Grand Total			557,075	725,225	725,225	767,246

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: Communications & Development
Department: Public Information

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	100-403-53100-00	Contractual Professional Services	106,666	1,050,000	1,050,000	591,000
Professional Technical Services Total			106,666	1,050,000	1,050,000	591,000
Property Services	100-403-54104-00	Hosting, SAAS and Support Agreements	1,428	6,928	6,928	15,000
	100-403-54202-00	Facilities Rental	4,115	15,000	15,000	17,500
	100-403-54300-00	Event Sponsorships	6,453	72,500	72,500	90,000
	100-403-54500-00	Non-Capital Assets	11,400	-	-	25,000
Property Services Total			23,396	94,428	94,428	147,500
Supplies	100-403-56102-00	Promotional Supplies	17,119	37,500	25,000	75,000
	100-403-56105-00	Office Supplies	808	5,000	5,000	5,000
	100-403-56106-00	Clothing	-	5,000	2,500	5,000
	100-403-56107-00	Event Materials and Supplies	21,327	39,900	39,900	30,000
	100-403-56501-00	Memberships	275	500	500	2,500
	100-403-56502-00	Subscriptions & Publications	7,713	11,500	11,500	5,000
Supplies Total			47,242	99,400	84,400	122,500
Other Services	100-403-55100-00	Printing	36,130	51,000	51,000	50,000
	100-403-55500-00	Meeting Expenses	7,344	10,000	2,500	10,000
Other Services Total			43,474	61,000	53,500	60,000
Capital Assets	100-403-17300-00	Imp Other than Buildings	36,190	-	-	-
	100-403-18100-00	Construction in Progress	87,326	-	-	-
Capital Assets Total			123,516	-	-	-
Grand Total			344,294	1,304,828	1,282,328	921,000

Edwards Aquifer Authority
2022 Adopted Operating Budget

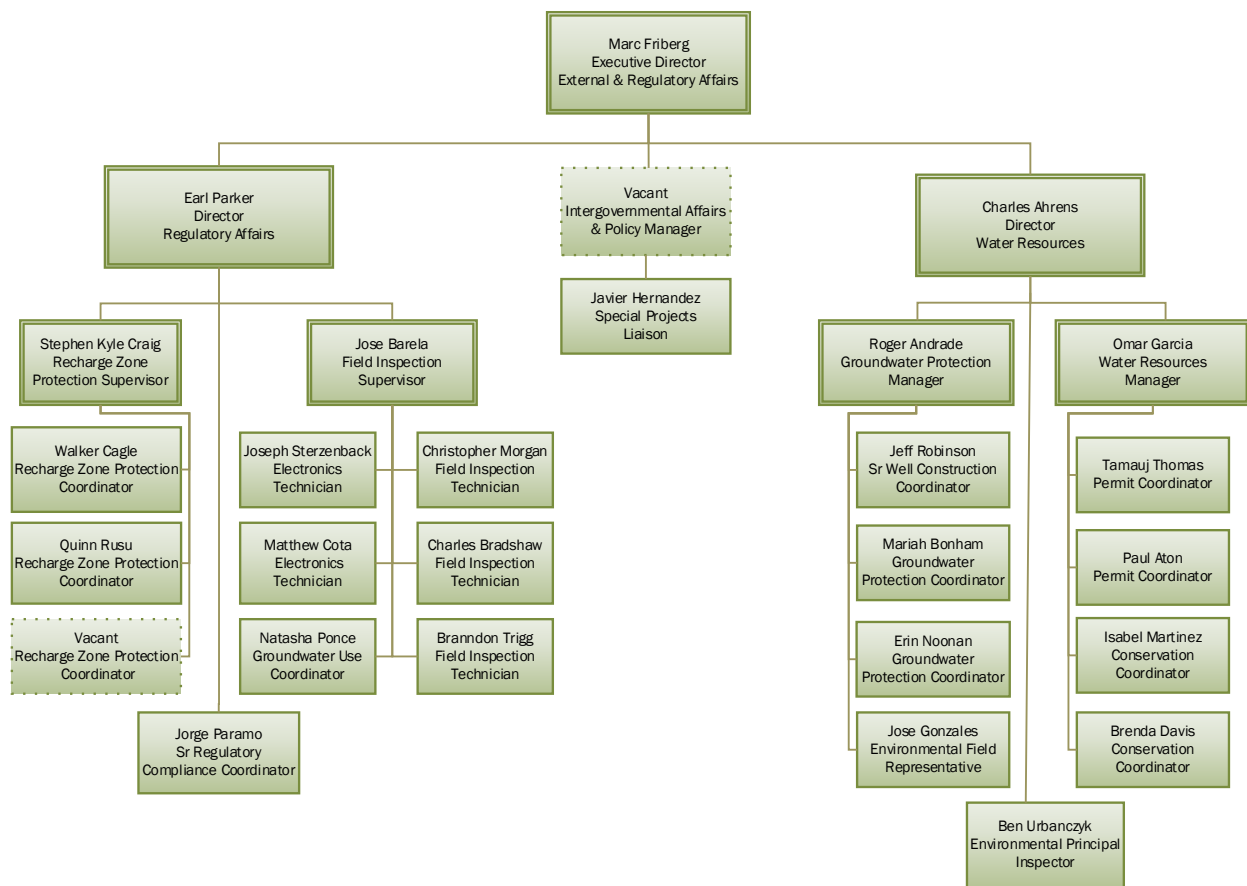
Division: Communications & Development
Department: School Education

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	100-405-53100-00	Contractual Professional Services	29,799	105,000	105,000	182,000
Professional Technical Services Total			29,799	105,000	105,000	182,000
Property Services	100-405-54300-00	Event Sponsorships	-	30,000	5,000	30,000
	100-405-54500-00	Non-Capital Assets	866	5,000	5,000	5,000
Property Services Total			866	35,000	10,000	35,000
Supplies	100-405-56102-00	Promotional Supplies	-	37,000	37,000	40,000
	100-405-56105-00	Office Supplies	136	5,000	5,000	5,000
	100-405-56502-00	Subscriptions & Publications	1,191	2,000	2,000	2,000
Supplies Total			1,327	44,000	44,000	47,000
Other Services	100-405-55100-00	Printing	-	25,000	25,000	25,000
	100-405-55500-00	Meeting Expenses	60	1,500	1,500	1,500
Other Services Total			60	26,500	26,500	26,500
Grand Total			32,052	210,500	185,500	290,500

EXTERNAL & REGULATORY AFFAIRS DIVISION









External & Regulatory Affairs Division




External & Regulatory Affairs

The External & Regulatory Affairs division objective is to help effectively manage, enhance, and protect the Edwards Aquifer by: managing production from the aquifer through a comprehensive permitting, metering, and drought management system; serving as a resource to the regulated community and area stakeholders; protecting and conserving the aquifer through the Recharge Zone Protection and Conservation programs; and increasing awareness and understanding of the EAA through intergovernmental and non-governmental outreach efforts, including communicating critical issues clearly and concisely, increasing pro-active efforts to build support of the EAA mission throughout the region, and helping to ensure good communication. The External and Regulatory Affairs division is comprised of the following departments:

-  **General:** Expenses not directly associated with a specific operational program, such as salaries and benefits, conferences and training, meetings and travel, memberships, and subscriptions are reflected in this department.
-  **Abandoned Well Closure:** Permanently closing or rehabilitating abandoned wells is the responsibility of the property owner. However, the EAA is committed to identifying alternative funding mechanisms, including needs-based financial assistance to help bring existing wells into compliance with the law and to protect the water quality of the aquifer.
-  **Elections:** The Edwards Aquifer Authority Act requires the EAA to hold elections for director positions on the general election day in November of every even-numbered year. EAA directors serve staggered four-year terms.
-  **Intergovernmental Relations:** The EAA was created by the Texas Legislature and as such maintains ongoing communications with the legislature and other political and governmental entities. These include, but are not limited to, various committees of the House and Senate, including the Edwards Aquifer Legislative Oversight Committee, regional water planning groups, groundwater management areas, and other water-related regulatory or planning entities. This program coordinates activities such as the gathering and sharing of pertinent information with legislative bodies and other governmental entities and assisting in the planning of water management on a regional basis for both groundwater and surface water to help meet future needs.
-  **Meters:** Meters are required on all non-exempt Edwards Aquifer wells. The meter program manages a network of EAA-installed meters on approximately 600 irrigation wells and maintains records for approximately 1,000 industrial and municipal wells. EAA staff checks and reads every meter at least once a year, and more often, as appropriate. The meter program gathers and maintains data related to meter registration and groundwater use reporting for the EAA. In addition, the program manages the EAA's Automated Meter Reading and Meter Accuracy Verification programs.

-  **Recharge Enhancement:** The Recharge Enhancement program oversees the EAA's precipitation enhancement (cloud seeding) program to increase recharge and reduce irrigation demand.

-  **Regulatory Affairs and Water Resources:** The **Regulatory Affairs** program administers several regulatory programs related to groundwater production and protection. This includes regulating the metering and reporting of groundwater withdrawals, the storage of regulated materials, aboveground and underground storage tanks, and the overall, general enforcement of all EAA rules. The program oversees water quality-oriented regulatory matters, including assisting agricultural aboveground storage tank owners and operators with proper containment measures and operational practices. The **Water Resources** program focuses on the administration of both groundwater withdrawal and well construction permits and water conservation. This program administers EAA groundwater withdrawal right permits, issues groundwater well construction permits, manages and helps enforce pumping reductions mandated with the EAA Act and EAA rules during times of drought, enforces well construction and use standards, and helps to facilitate conservation through an EAA groundwater conservation program, which includes an internal grant program. This program also ensures permit holders are in compliance with all EAA Rules for such things as groundwater use reporting. As such, funding for enforcement of non-compliance is also included as part of this program area. The Water Resources program also helps to address increasing water demands, extreme weather variability, and mandated reductions in pumping during critical times. The EAA's Groundwater Conservation Plan and related programs help users improve water-use efficiency. In addition, the program also helps administer the Edwards Aquifer Habitat Conservation Plan Aquifer Storage and Recharge Program and Voluntary Irrigation Suspension Program Option.

Division Expenses, by Classification:

Expense Classification	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Salaries & Wages	\$ 2,232,781	\$ 2,491,503	\$ 2,491,503	\$ 2,664,051
Employee Benefits	681,854	812,524	812,524	918,868
Professional Technical Services	380,900	1,086,266	938,486	1,455,000
Property Services	53,271	157,880	157,880	148,480
Supplies	7,160	22,800	22,800	18,100
Other Services	22,120	55,620	48,420	59,105
Other Expenses	99,963	200,000	200,000	300,000
Grand Total	\$ 3,478,049	\$ 4,826,593	\$ 4,671,613	\$ 5,563,604

Division Expenses, by Department:

Department	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
ERA - General	\$ 2,923,421	\$ 3,336,227	\$ 3,329,027	\$ 3,616,119
Abandoned Well Closure	-	250,000	100,000	250,000
Elections	-	-	-	450,000
Intergovernmental Relations	157,950	205,000	205,000	207,000
Meters	102,435	198,750	198,750	187,135
Recharge Enhancement	163,000	172,780	175,000	175,000
Regulatory Affairs & Water Resources	131,243	663,836	663,836	678,350
Grand Total	\$ 3,478,049	\$ 4,826,593	\$ 4,671,613	\$ 5,563,604

Edwards Aquifer Authority
2022 Adopted Operating Budget

External & Regulatory Affairs Division Summary

Expense Classification	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Salaries & Wages	Salaries & Wages	1,940,291	2,491,503	2,491,503	2,664,051
	Holiday Leave	154,329	-	-	-
	Overtime	609	-	-	-
	Sick Leave	46,393	-	-	-
	Vacation Leave	91,159	-	-	-
Salaries & Wages Total		2,232,781	2,491,503	2,491,503	2,664,051
Employee Benefits	401a Money Purchase Plan Contributions	14,836	-	-	-
	Allowances	4,200	5,400	5,400	5,400
	Dental Insurance	9,563	9,950	9,950	9,218
	Employer FICA & Medicare	161,945	190,600	190,600	203,800
	Health Insurance	153,203	254,869	254,869	223,948
	Life & AD&D Insurance	8,694	9,866	9,866	10,230
	LT Disability Insurance	6,326	7,724	7,724	7,459
	Medical Allowance Reimbursement	106,544	91,064	91,064	155,000
	Pension Expense	218,041	-	-	-
	Retirement Contributions	(5,600)	234,949	234,949	295,443
	State Unemployment Tax	4,102	8,102	8,102	8,370
Employee Benefits Total		681,854	812,524	812,524	918,868
Professional Technical Services	Contractual Professional Services	64,514	437,000	287,000	488,000
	Contractual Professional Services - AST Upgrades	-	286,486	286,486	200,000
	Elections	-	-	-	400,000
	Intergovernmental Cooperative	1,110	23,000	23,000	25,000
	Legislative Services	150,000	150,000	150,000	150,000
	Precipitation Enhancement	163,000	172,780	175,000	175,000
	Region L	2,276	17,000	17,000	17,000
Professional Technical Services Total		380,900	1,086,266	938,486	1,455,000
Property Services	Equipment Maintenance	20,587	7,000	7,000	7,000
	Equipment Rental	-	3,000	3,000	3,000
	Event Sponsorships	4,375	10,300	10,300	17,000
	Hosting, SAAS and Support Agreements	7,114	13,680	13,680	13,680
	Non-Capital Assets	21,195	123,900	123,900	107,800
Property Services Total		53,271	157,880	157,880	148,480
Supplies	Field Supplies	3,402	8,000	8,000	9,000
	Memberships	3,758	3,700	3,700	3,000
	Office Supplies	-	100	100	100
	Subscriptions & Publications	-	11,000	11,000	6,000
Supplies Total		7,160	22,800	22,800	18,100
Other Services	Conferences, Seminars & Training	4,111	15,000	9,000	15,000
	Meeting Expenses	1,517	5,200	4,000	5,200
	Printing	-	5,500	5,500	5,500
	Telecommunication Services	16,492	29,920	29,920	33,405
Other Services Total		22,120	55,620	48,420	59,105
Other Expenses	Conservation Initiatives	99,963	200,000	200,000	300,000
Other Expenses Total		99,963	200,000	200,000	300,000
Grand Total		3,478,049	4,826,593	4,671,613	5,563,604

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: External & Regulatory Affairs
Department: General

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Salaries & Wages	100-904-51000-00	Salaries & Wages	1,940,291	2,491,503	2,491,503	2,664,051
	100-904-51100-00	Overtime	609	-	-	-
	100-904-51200-00	Sick Leave	46,393	-	-	-
	100-904-51300-00	Vacation Leave	91,159	-	-	-
	100-904-51400-00	Holiday Leave	154,329	-	-	-
Salaries & Wages Total			2,232,781	2,491,503	2,491,503	2,664,051
Employee Benefits	100-904-52002-00	Employer FICA & Medicare	161,945	190,600	190,600	203,800
	100-904-52003-00	Retirement Contributions	(5,600)	234,949	234,949	295,443
	100-904-52004-00	LT Disability Insurance	6,326	7,724	7,724	7,459
	100-904-52005-00	Health Insurance	153,203	254,869	254,869	223,948
	100-904-52006-00	Dental Insurance	9,563	9,950	9,950	9,218
	100-904-52008-00	State Unemployment Tax	4,102	8,102	8,102	8,370
	100-904-52024-00	Life & AD&D Insurance	8,694	9,866	9,866	10,230
	100-904-52035-00	Medical Allowance Reimbursement	106,544	91,064	91,064	155,000
	100-904-52100-00	Allowances	4,200	5,400	5,400	5,400
	100-904-52103-00	Pension Expense	218,041	-	-	-
	100-904-52105-00	401a Money Purchase Plan Contributions	14,836	-	-	-
Employee Benefits Total			681,854	812,524	812,524	918,868
Property Services	100-004-54300-00	Event Sponsorships	-	1,300	1,300	3,000
	100-004-54500-00	Non-Capital Assets	-	3,000	3,000	3,000
Property Services Total			-	4,300	4,300	6,000
Supplies	100-004-56501-00	Memberships	3,758	3,700	3,700	3,000
	100-004-56502-00	Subscriptions & Publications	-	6,000	6,000	6,000
Supplies Total			3,758	9,700	9,700	9,000
Other Services	100-004-55400-00	Conferences, Seminars & Training	4,111	15,000	9,000	15,000
	100-004-55500-00	Meeting Expenses	917	3,200	2,000	3,200
Other Services Total			5,028	18,200	11,000	18,200
Grand Total			2,923,421	3,336,227	3,329,027	3,616,119

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: External & Regulatory Affairs
Department: Abandoned Well Closure

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	235-311-53100-00	Contractual Professional Services	-	250,000	100,000	250,000
Professional Technical Services Total			-	250,000	100,000	250,000
Grand Total			-	250,000	100,000	250,000

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: External & Regulatory Affairs
Department: Elections

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	100-401-53100-00	Contractual Professional Services	-	-	-	50,000
	100-401-53150-00	Elections	-	-	-	400,000
Professional Technical Services Total			-	-	-	450,000
Grand Total			-	-	-	450,000

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: External & Regulatory Affairs
Department: Intergovernmental Relations

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	100-402-53143-00	Legislative Services	150,000	150,000	150,000	150,000
	100-402-53145-00	Region L	2,276	17,000	17,000	17,000
	100-402-53155-00	Intergovernmental Cooperative	1,110	23,000	23,000	25,000
Professional Technical Services Total			153,386	190,000	190,000	192,000
Property Services	100-402-54300-00	Event Sponsorships	4,375	9,000	9,000	14,000
Property Services Total			4,375	9,000	9,000	14,000
Supplies	100-402-56502-00	Subscriptions & Publications	-	5,000	5,000	-
Supplies Total			-	5,000	5,000	-
Other Services	100-402-55500-00	Meeting Expenses	189	1,000	1,000	1,000
Other Services Total			189	1,000	1,000	1,000
Grand Total			157,950	205,000	205,000	207,000

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: External & Regulatory Affairs
Department: Meters

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	100-406-53100-00	Contractual Professional Services	37,356	29,000	29,000	30,000
Professional Technical Services Total			37,356	29,000	29,000	30,000
Property Services	100-406-54102-00	Equipment Maintenance	20,587	7,000	7,000	7,000
	100-406-54104-00	Hosting, SAAS and Support Agreements	7,021	13,680	13,680	13,680
	100-406-54201-00	Equipment Rental	-	1,000	1,000	1,000
	100-406-54500-00	Non-Capital Assets	17,743	110,900	110,900	94,800
Property Services Total			45,351	132,580	132,580	116,480
Supplies	100-406-56103-00	Field Supplies	3,236	6,000	6,000	6,000
Supplies Total			3,236	6,000	6,000	6,000
Other Services	100-406-55100-00	Printing	-	750	750	750
	100-406-55300-00	Telecommunication Services	16,492	29,920	29,920	33,405
	100-406-55500-00	Meeting Expenses	-	500	500	500
Other Services Total			16,492	31,170	31,170	34,655
Grand Total			102,435	198,750	198,750	187,135

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: External & Regulatory Affairs
Department: Recharge Enhancement

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	100-309-53105-00	Precipitation Enhancement	163,000	172,780	175,000	175,000
Professional Technical Services Total			163,000	172,780	175,000	175,000
Grand Total			163,000	172,780	175,000	175,000

Edwards Aquifer Authority
2022 Adopted Operating Budget

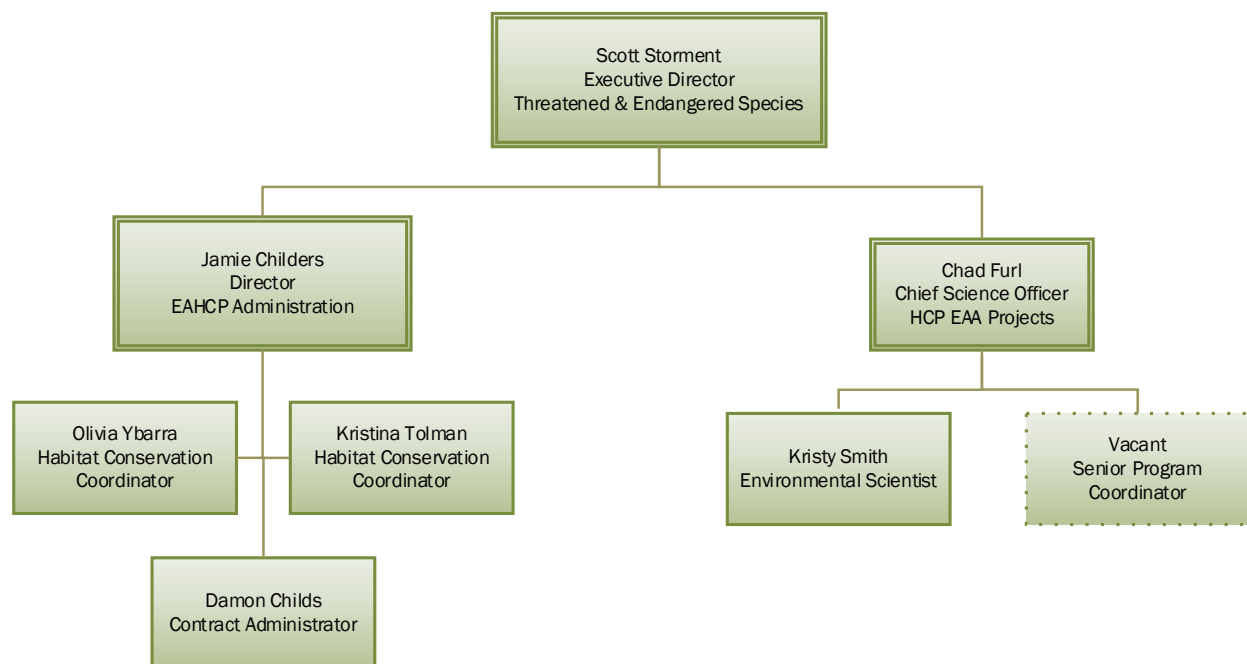
Division: External & Regulatory Affairs
Department: Regulatory Affairs & Water Resources

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	100-407-53100-00	Contractual Professional Services	27,158	158,000	158,000	158,000
	225-407-53100-00	Contractual Professional Services - AST Upgrades	-	286,486	286,486	200,000
Professional Technical Services Total			27,158	444,486	444,486	358,000
Property Services	100-407-54104-00	Hosting, SAAS and Support Agreements	93	-	-	-
	100-407-54201-00	Equipment Rental	-	2,000	2,000	2,000
	100-407-54500-00	Non-Capital Assets	3,452	10,000	10,000	10,000
Property Services Total			3,545	12,000	12,000	12,000
Supplies	100-407-56103-00	Field Supplies	166	2,000	2,000	3,000
	100-407-56105-00	Office Supplies	-	100	100	100
Supplies Total			166	2,100	2,100	3,100
Other Services	100-407-55100-00	Printing	-	4,750	4,750	4,750
	100-407-55500-00	Meeting Expenses	411	500	500	500
Other Services Total			411	5,250	5,250	5,250
Other Expenses	100-407-58100-00	Conservation Initiatives	99,963	200,000	200,000	300,000
Other Expenses Total			99,963	200,000	200,000	300,000
Grand Total			131,243	663,836	663,836	678,350

**EDWARDS AQUIFER HABITAT
CONSERVATION PLAN FUND –
THREATENED & ENDANGERED SPECIES
DIVISION**









Threatened & Endangered Species Division



* NOTE: The Chief Science Officer and Environmental Scientist budgetary dollars are included in the External and Regulatory Affairs division budget. However, these positions report to the Executive Director - Threatened & Endangered Species.

Threatened & Endangered Species

The Threatened & Endangered Species division is responsible for administering and managing all activities related to the Edwards Aquifer Habitat Conservation Plan (EAHCP). This includes managing all EAHCP related activities associated with the Edwards Aquifer Authority, the City of San Marcos, the City of New Braunfels, Texas State University, and the San Antonio Water System. The Threatened & Endangered Species division is comprised of the following programs:

-  **Program Administration:** includes all expenses associated with the program management team. This includes salaries and benefits, travel costs, contractual professional services, EAHCP related meeting and miscellaneous expenses.
-  **Springflow Protection:** Springflow Protection includes those measures designed to protect and maintain spring flow in the Comal and San Marcos spring systems. These activities include the Regional Water Conservation Program, the VISPO, and the SAWS-ASR program.
-  **San Marcos Springs:** San Marcos Springs expenses include all minimization and mitigation measures as well as monitoring measures in the San Marcos spring system. This includes habitat restoration, invasive plant and animal species control, riparian restoration, water quality protection measures, enhanced water quality monitoring, and biological monitoring.
-  **Comal Springs:** Comal Springs expenses include all minimization and mitigation measures as well as monitoring measures in the Comal spring system. This includes habitat restoration, invasive plant and animal species control, riparian restoration, water quality protection measures, flow-split management, enhanced water quality monitoring, and biological monitoring.
-  **Applied Research:** Research expenses in this category are designed to support program adaptive management.
-  **Refugia:** Refugia includes costs primarily associated with the USFWS providing refugia operations and research on covered species at the San Marcos Aquatic Resources Center (SMARC) and the Uvalde National Fish Hatchery (UNFH). Other expenses include annual reporting, meetings and presentations.

Division Expenses, by Classification:

Expense Classification	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Salaries & Wages	\$ 418,717	\$ 519,254	\$ 519,254	\$ 540,360
Employee Benefits	128,639	168,752	168,752	185,201
Professional Technical Services	12,513,850	13,190,148	12,116,148	12,974,379
Property Services	14,656	6,000	6,000	16,000
Supplies	7,499	8,500	8,500	3,500
Other Services	13,647	50,500	50,500	48,000
Other Expenses	2,478	-	-	-
Capital Assets	9,065	10,000	10,000	-
Grand Total	\$ 13,108,551	\$ 13,953,154	\$ 12,879,154	\$ 13,767,440

Division Expenses, by Department:

Department	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Program Administration	\$ 844,038	\$ 1,068,006	\$ 1,068,006	\$ 1,302,061
Springflow Protection	9,544,547	8,519,505	8,519,505	8,286,468
San Marcos Springs	931,958	1,916,806	916,806	1,898,306
Comal Springs	836,897	976,730	902,730	864,230
Applied Research	43,229	250,000	250,000	250,000
Refugia	907,881	1,222,107	1,222,107	1,166,375
Grand Total	\$ 13,108,551	\$ 13,953,154	\$ 12,879,154	\$ 13,767,440

Edwards Aquifer Authority
2022 Adopted Operating Budget

Threatened & Endangered Species Division Summary

Expense Classification	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Salaries & Wages	Salaries & Wages	351,220	519,254	519,254	540,360
	Holiday Leave	28,730	-	-	-
	Sick Leave	9,586	-	-	-
	Vacation Leave	17,784	-	-	-
	Compensated Absences	11,397	-	-	-
Salaries & Wages Total		418,717	519,254	519,254	540,360
Employee Benefits	Allowances	3,200	3,600	3,600	3,600
	Dental Insurance	1,590	1,990	1,990	1,784
	Employer FICA & Medicare	29,698	39,723	39,723	41,338
	Health Insurance	27,375	50,974	50,974	43,345
	Life & AD&D Insurance	1,486	2,056	2,056	2,075
	LT Disability Insurance	1,084	1,610	1,610	1,513
	Medical Allowance Reimbursement	21,933	18,213	18,213	30,000
	Pension Expense	42,370	-	-	-
	Retirement Contributions	(665)	48,966	48,966	59,926
	State Unemployment Tax	568	1,620	1,620	1,620
Employee Benefits Total		128,639	168,752	168,752	185,201
Professional Technical Services	Applied Research	37,229	240,000	240,000	240,000
	Aquatic Vegetation Restoration	99,985	100,000	100,000	100,000
	Biological Monitoring	395,753	755,774	755,774	755,774
	Contractual Professional Services	277,266	320,000	320,000	519,000
	Decaying Vegetation Removal	-	15,000	15,000	15,000
	Flow Split Management	-	-	-	-
	Gill Parasite Control	9,975	10,000	10,000	10,000
	Household Hazardous Waste Program	57,539	70,385	70,385	70,385
	LID/BMP Management	303,846	1,274,000	200,000	1,115,000
	Litter Control/Floating Vegetation	67,888	72,121	72,121	72,121
	Management - Key Public Rec Areas	56,000	56,000	56,000	56,000
	NFHTC Refugia	907,881	1,222,107	1,222,107	1,166,375
	Non-Native Animal Species Control	72,680	63,256	63,256	68,256
	Non-Native Plant Spec Control	199,314	200,000	200,000	200,000
	Old Channel Restoration	49,986	50,000	50,000	50,000
	Regional Municipal Water Conservation	600,400	-	-	-
	Restoration - Riparian Zones	152,130	105,000	105,000	145,000
	Riparian Impr - Riffle Beetle	9,998	5,000	5,000	25,000
	SAWS ASR Leasing	6,027,822	6,009,530	6,009,530	5,776,493
	SAWS ASR O&M	408,255	-	-	-
	TX Wild Rice Enh/Restoration	20,000	20,000	20,000	20,000
	VISPO	2,508,070	2,509,975	2,509,975	2,509,975
	Water Quality Monitoring	251,832	92,000	92,000	60,000
Professional Technical Services Total		12,513,850	13,190,148	12,116,148	12,974,379
Property Services	Hosting, SAAS and Support Agreements	6,097	-	-	-
	Non-Capital Assets	8,559	6,000	6,000	16,000
Property Services Total		14,656	6,000	6,000	16,000
Supplies	Field Supplies	5,136	5,000	5,000	-
	Memberships	1,000	2,000	2,000	2,000
	Office Supplies	1,363	1,500	1,500	1,500
Supplies Total		7,499	8,500	8,500	3,500
Other Services	Conferences, Seminars & Training	4,429	22,500	22,500	20,000
	Meeting Expenses	5,135	20,000	20,000	20,000

Edwards Aquifer Authority
2022 Adopted Operating Budget

Threatened & Endangered Species Division Summary

Expense Classification	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Other Services	Printing	3,748	8,000	8,000	8,000
	Telecommunication Services	335	-	-	-
Other Services Total		13,647	50,500	50,500	48,000
Other Expenses	Bad Debt Expense	2,478	-	-	-
Other Expenses Total		2,478	-	-	-
Capital Assets	Hardware	-	5,000	5,000	-
	Software	-	5,000	5,000	-
	Water Quality Monitoring Equipment	9,065	-	-	-
Capital Assets Total		9,065	10,000	10,000	-
Grand Total		13,108,551	13,953,154	12,879,154	13,767,440

Edwards Aquifer Authority
2022 Adopted Operating Budget

Threatened & Endangered Species Division Summary, by Program/Measure

Expense Classification	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Program Administration	Allowances	3,200	3,600	3,600	3,600
	Field Supplies	831	-	-	-
	Bad Debt Expense	2,478	-	-	-
	Compensated Absences	11,397	-	-	-
	Conferences, Seminars & Training	4,429	22,500	22,500	20,000
	Contractual Professional Services	277,266	320,000	320,000	519,000
	Dental Insurance	1,590	1,990	1,990	1,784
	Depreciation Expense	-	-	-	-
	Employer FICA & Medicare	29,698	39,723	39,723	41,338
	Health Insurance	27,375	50,974	50,974	43,345
	Holiday Leave	28,730	-	-	-
	Hosting, SAAS and Support Agreements	97	-	-	-
	Non-Capital Assets	-	6,000	6,000	6,000
	Life & AD&D Insurance	1,486	2,056	2,056	2,075
	LT Disability Insurance	1,084	1,610	1,610	1,513
	Medical Allowance Reimbursement	21,933	18,213	18,213	30,000
	Meeting Expenses	5,135	20,000	20,000	20,000
	Memberships	1,000	2,000	2,000	2,000
	Office Supplies	1,363	1,500	1,500	1,500
	Pension Expense	42,370	-	-	-
	Printing	3,748	8,000	8,000	8,000
	Retirement Contributions	(665)	48,966	48,966	59,926
	Salaries & Wages	351,220	519,254	519,254	540,360
	Sick Leave	9,586	-	-	-
	State Unemployment Tax	568	1,620	1,620	1,620
	Telecommunication Services	335	-	-	-
	Vacation Leave	17,784	-	-	-
Program Administration Total		844,038	1,068,006	1,068,006	1,302,061
Springflow Protection	Regional Municipal Water Conservation	600,400	-	-	-
	SAWS ASR Leasing	6,027,822	6,009,530	6,009,530	5,776,493
	SAWS ASR O&M	408,255	-	-	-
	VISPO	2,508,070	2,509,975	2,509,975	2,509,975
Springflow Protection Total		9,544,547	8,519,505	8,519,505	8,286,468
San Marcos Springs	Biological Monitoring	186,212	371,929	371,929	371,929
	Water Quality Monitoring	125,091	46,000	46,000	30,000
	Field Supplies	1,984	2,500	2,500	-
	Non-Capital Assets	8,559	-	-	-
	Water Quality Monitoring Equipment	9,065	-	-	-
	Household Hazardous Waste Program	27,539	30,000	30,000	30,000
	LID/BMP Management	218,452	1,100,000	100,000	1,100,000
	Litter Control/Floating Vegetation	44,683	47,121	47,121	47,121
	Management - Key Public Rec Areas	56,000	56,000	56,000	56,000
	Non-Native Animal Species Control	22,800	23,256	23,256	23,256
	Non-Native Plant Spec Control	199,314	200,000	200,000	200,000
	Restoration - Riparian Zones	12,259	20,000	20,000	20,000
	TX Wild Rice Enh/Restoration	20,000	20,000	20,000	20,000

Edwards Aquifer Authority
2022 Adopted Operating Budget

Threatened & Endangered Species Division Summary, by Program/Measure

Expense Classification	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
San Marcos Springs Total		931,958	1,916,806	916,806	1,898,306
Comal Springs	Biological Monitoring	209,541	383,845	383,845	383,845
	Water Quality Monitoring	126,741	46,000	46,000	30,000
	Field Supplies	2,321	2,500	2,500	-
	Aquatic Vegetation Restoration	99,985	100,000	100,000	100,000
	Decaying Vegetation Removal	-	15,000	15,000	15,000
	Flow Split Management	-	-	-	-
	Gill Parasite Control	9,975	10,000	10,000	10,000
	Household Hazardous Waste Program	30,000	40,385	40,385	40,385
	LID/BMP Management	85,394	174,000	100,000	15,000
	Litter Control/Floating Vegetation	23,205	25,000	25,000	25,000
	Non-Native Animal Species Control	49,880	40,000	40,000	45,000
	Old Channel Restoration	49,986	50,000	50,000	50,000
	Restoration - Riparian Zones	139,871	85,000	85,000	125,000
	Riparian Impr - Riffle Beetle	9,998	5,000	5,000	25,000
Comal Springs Total		836,897	976,730	902,730	864,230
Applied Research	Applied Research	37,229	240,000	240,000	240,000
	Hosting, SAAS and Support Agreements	6,000	-	-	-
	Non-Capital Assets	-	-	-	10,000
	Software	-	5,000	5,000	-
	Hardware	-	5,000	5,000	-
Applied Research Total		43,229	250,000	250,000	250,000
Refugia	NFHTC Refugia	907,881	1,222,107	1,222,107	1,166,375
Refugia Total		907,881	1,222,107	1,222,107	1,166,375
Grand Total		13,108,551	13,953,154	12,879,154	13,767,440

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: Threatened & Endangered Species
Department: Program Administration

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Salaries & Wages	245-905-51000-00	Salaries & Wages	351,220	519,254	519,254	540,360
	245-905-51200-00	Sick Leave	9,586	-	-	-
	245-905-51300-00	Vacation Leave	17,784	-	-	-
	245-905-51400-00	Holiday Leave	28,730	-	-	-
	245-905-51500-00	Compensated Absences	11,397	-	-	-
Salaries & Wages Total			418,717	519,254	519,254	540,360
Employee Benefits	245-905-52002-00	Employer FICA & Medicare	29,698	39,723	39,723	41,338
	245-905-52003-00	Retirement Contributions	(665)	48,966	48,966	59,926
	245-905-52004-00	LT Disability Insurance	1,084	1,610	1,610	1,513
	245-905-52005-00	Health Insurance	27,375	50,974	50,974	43,345
	245-905-52006-00	Dental Insurance	1,590	1,990	1,990	1,784
	245-905-52008-00	State Unemployment Tax	568	1,620	1,620	1,620
	245-905-52024-00	Life & AD&D Insurance	1,486	2,056	2,056	2,075
	245-905-52035-00	Medical Allowance Reimbursement	21,933	18,213	18,213	30,000
	245-905-52100-00	Allowances	3,200	3,600	3,600	3,600
	245-905-52103-00	Pension Expense	42,370	-	-	-
Employee Benefits Total			128,639	168,752	168,752	185,201
Professional Technical Services	245-005-53100-00	Contractual Professional Services	277,266	320,000	320,000	519,000
Professional Technical Services Total			277,266	320,000	320,000	519,000
Property Services	245-005-54104-00	Hosting, SAAS and Support Agreements	97	-	-	-
	245-005-54500-00	Non-Capital Assets	-	6,000	6,000	6,000
Property Services Total			97	6,000	6,000	6,000
Supplies	245-005-56103-00	Field Supplies	831	-	-	-
	245-005-56105-00	Office Supplies	1,363	1,500	1,500	1,500
	245-005-56501-00	Memberships	1,000	2,000	2,000	2,000
Supplies Total			3,194	3,500	3,500	3,500
Other Services	245-005-55100-00	Printing	3,748	8,000	8,000	8,000
	245-005-55300-00	Telecommunication Services	335	-	-	-
	245-005-55400-00	Conferences, Seminars & Training	4,429	22,500	22,500	20,000
	245-005-55500-00	Meeting Expenses	5,135	20,000	20,000	20,000
Other Services Total			13,647	50,500	50,500	48,000
Other Expenses	245-005-58700-00	Bad Debt Expense	2,478	-	-	-
Other Expenses Total			2,478	-	-	-
Grand Total			844,038	1,068,006	1,068,006	1,302,061

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: Threatened & Endangered Species
Department: Springflow Protection

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	245-502-53200-01	SAWS ASR Leasing	6,027,822	6,009,530	6,009,530	5,776,493
	245-502-53200-02	SAWS ASR O&M	408,255	-	-	-
	245-502-53200-03	Regional Municipal Water Conservation	600,400	-	-	-
	245-502-53200-04	VISPO	2,508,070	2,509,975	2,509,975	2,509,975
Professional Technical Services Total			9,544,547	8,519,505	8,519,505	8,286,468
Grand Total			9,544,547	8,519,505	8,519,505	8,286,468

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: Threatened & Endangered Species
Department: San Marcos Springs

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	245-503-53200-05	Biological Monitoring	186,212	371,929	371,929	371,929
	245-503-53200-06	Water Quality Monitoring	125,091	46,000	46,000	30,000
	245-503-53202-01	TX Wild Rice Enh/Restoration	20,000	20,000	20,000	20,000
	245-503-53202-03	Non-Native Plant Spec Control	199,314	200,000	200,000	200,000
	245-503-53204-00	LID/BMP Management	218,452	1,100,000	100,000	1,100,000
	245-503-53204-01	Litter Control/Floating Vegetation	44,683	47,121	47,121	47,121
	245-503-53204-03	Household Hazardous Waste Program	27,539	30,000	30,000	30,000
	245-503-53204-04	Management - Key Public Rec Areas	56,000	56,000	56,000	56,000
	245-503-53204-05	Non-Native Animal Species Control	22,800	23,256	23,256	23,256
	245-503-53204-06	Restoration - Riparian Zones	12,259	20,000	20,000	20,000
Professional Technical Services Total			912,350	1,914,306	914,306	1,898,306
Property Services	245-503-54500-00	Non-Capital Assets	8,559	-	-	-
Property Services Total			8,559	-	-	-
Supplies	245-503-56103-00	Field Supplies	1,984	2,500	2,500	-
Supplies Total			1,984	2,500	2,500	-
Capital Assets	245-503-17500-05	Water Quality Monitoring Equipment	9,065	-	-	-
Capital Assets Total			9,065	-	-	-
Grand Total			931,958	1,916,806	916,806	1,898,306

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: Threatened & Endangered Species
Department: Comal Springs

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	245-504-53200-05	Biological Monitoring	209,541	383,845	383,845	383,845
	245-504-53200-06	Water Quality Monitoring	126,741	46,000	46,000	30,000
	245-504-53201-01	Old Channel Restoration	49,986	50,000	50,000	50,000
	245-504-53201-02	Flow Split Management	-	-	-	-
	245-504-53201-03	Aquatic Vegetation Restoration	99,985	100,000	100,000	100,000
	245-504-53201-05	Decaying Vegetation Removal	-	15,000	15,000	15,000
	245-504-53201-06	Riparian Impr - Riffle Beetle	9,998	5,000	5,000	25,000
	245-504-53201-07	Gill Parasite Control	9,975	10,000	10,000	10,000
	245-504-53204-00	LID/BMP Management	85,394	174,000	100,000	15,000
	245-504-53204-01	Litter Control/Floating Vegetation	23,205	25,000	25,000	25,000
	245-504-53204-03	Household Hazardous Waste Program	30,000	40,385	40,385	40,385
	245-504-53204-05	Non-Native Animal Species Control	49,880	40,000	40,000	45,000
	245-504-53204-06	Restoration - Riparian Zones	139,871	85,000	85,000	125,000
Professional Technical Services Total			834,576	974,230	900,230	864,230
Supplies	245-504-56103-00	Field Supplies	2,321	2,500	2,500	-
Supplies Total			2,321	2,500	2,500	-
Grand Total			836,897	976,730	902,730	864,230

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: Threatened & Endangered Species
Department: Applied Research

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	245-505-53200-09	Applied Research	37,229	240,000	240,000	240,000
Professional Technical Services Total			37,229	240,000	240,000	240,000
Property Services	245-505-54104-00	Hosting, SAAS and Support Agreements	6,000	-	-	-
	245-505-54500-00	Non-Capital Assets	-	-	-	10,000
Property Services Total			6,000	-	-	10,000
Capital Assets	245-505-17700-01	Software	-	5,000	5,000	-
	245-505-17800-01	Hardware	-	5,000	5,000	-
Capital Assets Total			-	10,000	10,000	-
Grand Total			43,229	250,000	250,000	250,000

Edwards Aquifer Authority
2022 Adopted Operating Budget

Division: Threatened & Endangered Species
Department: Refugia

Expense Classification	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
Professional Technical Services	245-506-53200-08	NFHTC Refugia	907,881	1,222,107	1,222,107	1,166,375
Professional Technical Services Total			907,881	1,222,107	1,222,107	1,166,375
Grand Total			907,881	1,222,107	1,222,107	1,166,375

CAPITAL PROGRAM

Capital Program

Overview

The Edwards Aquifer Authority (EAA) is a regulatory agency charged with managing, enhancing, and protecting the Edwards Aquifer system and does so through monitoring activities for compliance with laws set forth by the Texas Legislature, as well as enhancing and protecting by means of research, studies, and conservation efforts. The EAA mission and responsibilities do not include building water treatment plants, distribution systems, or other large infrastructure projects.

Capital expenditures, which are defined by the EAA as “equipment, fixtures, etc., whose purchase price per unit is \$5,000 or more and has a useful life expectancy of more than one year.” Capital expenditures generally consist of vehicles, water-quality sampling/monitoring equipment, computer hardware and software, and building improvements. Also included in capital expenditures is the principal payment on a general improvement revenue note.

Capital expenditures are considered during the budget development process as described in the “Budget Overview” section of this document. Capital expenditures that support the strategic plan are identified, evaluated, prioritized, and then included in the 5-year forecast when they are considered to be funded projects. Funding for capital expenditures is solely from the General Operations Fund.

5-Year Capital Expenditure Budget/Forecast

		Adopted Budget	Forecast					
Capital Expenditure								Funding
Category	Department	2022	2023	2024	2025	2026	Total	Source
Buildings	Authority Operations	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000	General Operations Fund
Computer Hardware	Information Technology	85,000	75,000	75,000	75,000	75,000	\$ 385,000	
	AMS - General	10,000	10,000	10,000	10,000	10,000	\$ 50,000	
	Data Management	20,000	20,000	20,000	20,000	20,000	\$ 100,000	
	Field Research Park	20,000	-	-	-	-	\$ 20,000	
	Modeling	20,000	20,000	20,000	20,000	20,000	\$ 100,000	
Computer Software	Aquifer Protection	7,000	7,000	7,000	7,000	7,000	\$ 35,000	
	Modeling	10,000	10,000	10,000	10,000	10,000	\$ 50,000	
Easement Assessment Tool	Aquifer Science Research	200,000	150,000	-	-	-	\$ 350,000	
Furniture & Office	Authority Operations	16,000	16,000	-	-	-	\$ 32,000	
Equipment	Field Research Park	25,000	25,000	5,000	5,000	5,000	\$ 65,000	
Imp Other than Buildings	Authority Operations	45,000	-	-	-	-	\$ 45,000	
	Field Research Park	55,000	55,000	55,000	30,000	30,000	\$ 225,000	
Note Payable - Long Term	Authority Operations	230,000	240,000	250,000	260,000	270,000	\$ 1,250,000	
Vadose Zone Research								
Equipment	Aquifer Science Research	40,000	40,000	40,000	40,000	40,000	\$ 200,000	
Vehicles	Authority Operations	200,000	100,000	100,000	100,000	100,000	\$ 600,000	
Vehicles - Off-Road	Aquifer Protection	18,000	-	-	-	-	\$ 18,000	
	Field Research Park	-	-	-	-	25,000	\$ 25,000	
Water Sampling & Monitoring Equipment	Aquifer Science Research	45,000	45,000	45,000	45,000	45,000	\$ 225,000	
	Data Management	45,000	45,000	45,000	45,000	45,000	\$ 225,000	
	Land Stewardship	7,500	7,500	7,500	7,500	7,500	\$ 37,500	
Well Logging Equipment	Aquifer Science Research	-	-	25,000	-	-	\$ 25,000	
Grand Total		\$ 1,138,500	\$ 865,500	\$ 714,500	\$ 674,500	\$ 709,500	\$ 4,102,500	
% Capital Expenditures of General Fund Operations		5.2%	4.0%	3.1%	2.9%	2.9%	3.6%	
Total Non-Recurring Capital Expenditures		339,000	166,000	25,000	-	25,000	555,000	
% Non-Recurring Capital Expenditures of General Fund Operations Budget/Forecast		1.5%	0.8%	0.1%	0.0%	0.1%	0.5%	

The table above summarizes the current year adopted budget and forecasted capital expenditures for a 5-year period by use of funds (Capital Expenditure Category) and Department. For the 5-year period, the total projected capital expenditures represent approximately 3.6% of the projected General Operations Fund operating budget, while non-recurring capital expenditures represent approximately .5%. Given the low percentage of capital expenditures, reflected as part of the overall General Operations Fund budget, the EAA considers the expenditures to represent no significant impact on current or future annual operating budgets.

Non-recurring Capital Expenditures

Of the non-recurring capital expenditures highlighted in the above table, the Easement Assessment Tool represents 63.1% of total non-recurring capital expenditures. This tool is a computer-based assessment tool that utilizes both a watershed computer model and a GIS-based model to assess the relative recharge value attributed to parcels of land across the recharge and contributing zones of the Edwards Aquifer. The tool, or model, is designed to optimize conservation easement placement and acquisition by ranking properties in terms of recharge value, improving the conservation easement selection and valuation process for these important and expensive properties.

Recurring Capital Expenditures

Of the recurring categories of capital expenditures, approximately 89.4% are related to the following categories: Principal amount on revenue improvement note (35.2%), water sampling/monitoring and research equipment (19.4%), computer hardware (17.9%), and vehicles (16.9%).

General Improvement Revenue Note. Each year, the EAA makes principal payments (budgeted in the capital expenditure budget) on the general improvement revenue note which was issued for the sole purpose of funding a building consolidation project completed in January 2013. The note matures in September of 2031. Additional information may be found in the “Budget Overview” section of this budget document regarding debt policies.

Water sampling/monitoring and research equipment. The EAA incurs capital expenses each year related to water sampling/monitoring and research equipment. The EAA maintains a network of water level monitoring wells equipped with devices that measure water levels and, in some cases, additional information at 15-minute intervals or less. As the conceptual model of how the aquifer works is refined, areas of additional data collection are identified and addressed. Water level monitoring is a significant part of the effort to refine the EAAs understanding of how the aquifer works. Water level data is also extremely important in the hydrological modeling process. A number of these



instruments are repaired or replaced annually, while some new instruments are purchased to expand the monitoring effort into areas where data gaps exist. Other equipment related to this capital expense include telemetry systems for transmitting data to a website where it can subsequently be harvested and incorporated into the EAA database, water quality sensors, well sampling pumps and equipment, and laboratory equipment. New research equipment is proposed for the Vadose Zone or the portion of the land from the surface to the water table, where diffuse recharge occurs within the interstream portions of the recharge zone. The equipment is important and essential to understanding how changes in soils and vegetation at the surface impact soil moisture and subsequent moisture flux within the Vadose Zone.



[Computer Hardware and Software.](#) Funds for replacement of aged I.T. infrastructure, equipment/server upgrades, and to support staff and the demand of the EAA operations. New equipment requirements at the Education Outreach Center and Field Research Park are included in this forecast in to support various outreach, regulatory and scientific goals.

[Vehicles.](#) The average age of the EAA fleet of 23 vehicles is 8 years, with 5 vehicles over 10 years old. Funds are included in the budget and forecast to replace 4 vehicles in the current budget year, and 2 vehicles each year thereafter. The replacement plan will provide EAA staff with vehicles that have current safety and technology enhancements and decrease maintenance/repair costs which are reflected in the General Fund Operating budget. Due to increases in easement monitoring properties, an additional off-road vehicle is also included.

**Edwards Aquifer Authority
2022 Adopted Operating Budget**

Capital Budget

Fund/Department	Account Number	Account Description	2020 Actual Expenses	2021 Amended Budget	2021 Estimated Expenses	2022 Adopted Budget
General Fund						
AMS - General	100-003-17800-01	Computer Hardware CY	\$ -	\$ 30,000	\$ 30,000	\$ 10,000
Aquifer Protection	100-306-17400-01	Vehicles CY	-	-	-	18,000
Aquifer Protection	100-306-17700-01	Computer Software CY	-	7,000	7,000	7,000
Aquifer Science Research	100-302-17500-04	Well Logging Equipment CY	-	-	-	-
Aquifer Science Research	100-302-17500-05	Water Sampling/Monitoring Equipment CY	29,377	45,000	45,000	45,000
Aquifer Science Research	100-302-17500-06	Vadose Zone Research Equipment	-	-	-	40,000
Aquifer Science Research	100-302-17500-07	Easement Assessment Tool	-	-	-	200,000
Aquifer Science Research	100-302-17700-01	Computer Software CY	-	5,000	-	-
Aquifer Science Research	100-302-17800-01	Computer Hardware CY	-	5,000	-	-
Authority Operations	100-202-17200-01	Buildings CY	60,267	-	-	40,000
Authority Operations	100-202-17300-01	Imp Other Than Buildings CY	18,616	-	-	45,000
Authority Operations	100-202-17400-01	Vehicles CY	38,992	36,000	47,000	200,000
Authority Operations	100-202-17500-01	Furniture & Office Equipment CY	-	6,000	6,000	16,000
Authority Operations	100-202-25000-00	Note Payable - Long Term	90,000	90,000	90,000	230,000
Data Management	100-312-17500-05	Water Sampling/Monitoring Equipment CY	13,356	40,000	40,000	45,000
Data Management	100-312-17800-01	Computer Hardware CY	-	20,000	20,000	20,000
Field Research Park	100-310-17300-01	Imp Other Than Buildings CY	33,270	22,200	22,200	55,000
Field Research Park	100-310-17400-01	Vehicles CY	-	22,200	22,200	-
Field Research Park	100-310-17500-01	Furniture & Office Equipment CY	-	-	-	25,000
Field Research Park	100-310-17800-01	Computer Hardware CY	-	15,400	15,400	20,000
Information Technology	100-205-17200-01	Buildings CY	62,558	1,600	1,600	-
Information Technology	100-205-17700-01	Computer Software CY	250,000	-	-	-
Information Technology	100-205-17800-01	Computer Hardware CY	61,724	457,400	457,400	85,000
Land Stewardship	100-305-17500-05	Water Sampling/Monitoring Equipment CY	-	12,000	12,000	7,500
Modeling	100-304-17700-01	Computer Software CY	-	10,000	10,000	10,000
Modeling	100-304-17800-01	Computer Hardware CY	-	20,000	20,000	20,000
Public Information	100-403-17300-00	Imp Other than Buildings	36,190	-	-	-
Public Information	100-403-18100-00	Construction in Progress	87,326	-	-	-
Records	100-208-17500-01	Furniture & Office Equipment CY	5,200	-	-	-
General Fund - Total			786,876	844,800	845,800	1,138,500
EAHCP Fund						
Applied Research	245-505-17700-01	Software	-	5,000	5,000	-
Applied Research	245-505-17800-01	Hardware	-	5,000	5,000	-
San Marcos Springs	245-503-17500-05	Water Quality Monitoring Equipment	9,065	-	-	-
EAHCP Fund - Total			9,065	10,000	10,000	-
Grand Total			\$ 795,941	\$ 854,800	\$ 855,800	\$ 1,138,500

PERFORMANCE MEASURES

Performance Measures

Introduction - The Edwards Aquifer: The Next Generation and Beyond

The Edwards Aquifer Authority (EAA) is committed to furthering the long-term sustainability of the Edwards Aquifer through a responsible balance of regulatory, education and conservation-focused programming and partnerships that perpetuate shared value in the aquifer among all uses and needs. This comprehensive and collaborative approach to resource management, enhancement, and protection undergirds the mission and vision of the agency's work and is demonstrated in the Strategic Plan for 2021-30, called "The Edwards Aquifer: The Next Generation and Beyond".

The 10-year planning horizon presented within the Strategic Plan, included in Appendix A, builds on the initial 25 years of the EAA's successful implementation of the EAA Act, the legislative statute from which the EAA derives its legal authority to operate and which provides the premise and purpose of the EAA's mission. The EAA vision for the future, however, looks far beyond the next decade and imagines a legacy of sustainability for the Edwards Aquifer that can lead to unprecedented certainty in the quantity and quality of water available from this resource for future generations to come.



Key Objectives

The Strategic Plan thematic goals of "Sustainability and Credibility" are supported by the following "Key Objectives." Activities, or actions, are defined to achieve the key objectives through the use of the guiding principles and core values noted in the Strategic Plan. The implementation of these activities and subsequent measurement is the basis of the performance measures.

1. **Partnerships** for Creative Solutions

Put into place innovative and incentivized programs to encourage private-public partnerships and to instill buy-in and trust with EAA stakeholders and regulated community. These programs will be designed around the purpose of ensuring a secured and protected Edwards Aquifer system.

2. Greater Understanding and Management Through [Science](#)

Relying on EAA scientific research, reinforce and solidify the EAA’s position as the trusted leader in managing, enhancing, and protecting the aquifer. The EAA will utilize scientific data, combined with lessons learned from experience, to foster public policy that ensures the highest possible water quality and sustainable water quantity. To this end, the EAA will engage with scientists to conduct research and collaborate on a myriad of studies to better inform the understanding of the Edwards Aquifer to identify and validate solutions to better manage, enhance, and protect the system.

3. Expanded and Diversified [Funding](#)

Through collaborative and innovative relationships, the EAA will expand and diversify funding sources to build shared value without burdening permit holders. The EAA will be active stewards of financial resources, continually seeking collaborative partners to help offset aquifer management fee revenues as the primary funding source. Critical to this effort is the Edwards Aquifer Conservancy (EAC), which will be robust and sustainable, raising enough funds each year to achieve operational status independent of the EAA budget.

4. [Assuredness](#) in Regulatory Programming

Wherever possible, the EAA will work toward permanence in core programs to further assurance and reliability in the economic, environmental, and regulatory optimization and general conservation of the aquifer system. This includes securing a long-term incidental take permit issued by the U.S. Fish & Wildlife Service that balances certainty and flexibility for the aquifer-dependent endangered and threatened species for the next 30 years.

5. Greater Influence Through [Inclusion](#)

The EAA will become a more inclusive organization such that the EAA becomes a model for collaboration, transparency, and accessibility. This means the EAA will invite and partner with others when and where the EAA mission intersects with various segments of the community we serve. The EAA will be user friendly, including developing fully integrated centralized information systems that will make vital data easily accessible for all of EAA employees, permit holders, stakeholders, partners, and the public at large.

Division Actions and Performance Measures

The 2022 budget year commemorates the initial year for the EAA in detailing and reporting on performance measures. The performance measures for 2022 are created at a Division (or Program) level; however, the EAA will develop performance measures at the Department level for subsequent years beginning with the 2023 budget period. Given that 2022 is the initial year for defining and reporting on performance measures, the EAA will provide the achievements for 2022 goals in the next budget cycle and then be able to provide multi-year information on goals and achievements.

The table below shows, by Division, the Performance Measures identified in support of the Strategic Plan Key Objectives and the achievement goal for 2022.

Division	Performance Measure	2022 Goal	Strategic Plan Objective
<u>Executive</u>			
1	Organization-wide percentage of contracts awarded to Minority/Women Owned Businesses in accordance with EAA ByLaw good faith effort goal	30%	5 Inclusion
2	Percentage of Staff attending Internal Training and Professional Development Events	50%	5 Inclusion
3	Directors submitting annual Code of Ethics Statements of Affirmation	100%	5 Inclusion
4	Board minutes published in Legistar within 30 days of approval	100%	5 Inclusion
<u>Administration & Financial Services</u>			
1	Percentage of Staff attending Internal Training and Professional Development Events	50%	5 Inclusion
2	Accounts Payable Days Outstanding	30 days or less	5 Inclusion
3	Computer/Server Uptime	99%	5 Inclusion
<u>Aquifer Management Services</u>			
1	Percentage of Staff attending Internal Training and Professional Development Events	50%	5 Inclusion
2	Quality-accepted results from sampling of aquifer water at 25 wells and 2 major spring outlets.	90%	2 Science
3	Collect telemetered data from the EAA environmental monitoring network annually.	90%	2 Science
4	Complete required inspections of City of San Antonio held conservation easements.	100%	1 Partnerships
<u>Communications & Development</u>			
1	Percentage of Staff attending Internal Training and Professional Development Events	50%	5 Inclusion
2	Education Outreach Center Visitor Favorable Satisfaction Response Rate	50%	2 Science 1 Partnerships
3	Percentage of Education Outreach Center Visitors from Morgan's Wonderland Campers	20%	5 Inclusion
4	Percentage of Education Outreach Center Visitors from School Students	20%	5 Inclusion

Division	Performance Measure	2022 Goal	Strategic Plan Objective
<u>External & Regulatory Affairs</u>			
1	Percentage of Staff attending Internal Training and Professional Development Events	50%	5 Inclusion
2	Annual Meter Reading Validations (% of active, metered wells)	70%	4 Assuredness
3	Annual number of wells inspected (existing and new)	100	4 Assuredness
4	Annual number of Regulated Facilities Inspected	100	4 Assuredness
<u>Threatened & Endangered Species</u>			
1	Percentage of Staff attending Internal Training and Professional Development Events	50%	5 Inclusion
2	Percentage of EAHCP Committee member attendance	75%	4 Assuredness 1 Partnerships
3	Annual readership for EAHCP Steward newsletter (site visitors)	1,100	4 Assuredness 5 Inclusion
4	Annualized <i>remaining</i> take of species less than defined in the Incidental Take Permit	Pass/Fail	4 Assuredness

APPENDIX A

STRATEGIC PLAN 2021-2030

THE EDWARDS AQUIFER: THE NEXT GENERATION



25th
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...AND BEYOND

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Photo: (Cover, back cover and right) Comal Springs, New Braunfels



Photo: Hill Country Spring, TX



The EAA is committed to furthering the long-term sustainability of the Edwards Aquifer through a responsible balance of regulatory, education and conservation-focused programming and partnerships that perpetuate shared value in the aquifer among all uses and needs. This comprehensive and collaborative approach to resource management, enhancement, and protection undergirds the mission and vision of our agency's work and is demonstrated in this strategic plan, which we call "The Edwards Aquifer: The Next Generation, and Beyond."

The 10-year planning horizon presented within this plan builds on the initial 25 years of the EAA's successful implementation of the EAA Act, the legislative statute from which our agency derives its legal authority to operate and which provides the premise and purpose of our mission. Our vision for the future, however, looks far beyond the next decade and imagines a legacy of sustainability for the Edwards Aquifer that can lead to unprecedented certainty in the quantity and quality of water available from this resource for future generations to come.

Roland Ruiz
EAA General Manager

OUR MISSION

The Edwards Aquifer Authority manages, enhances, and protects the Edwards Aquifer system.

OUR VISION

The Edwards Aquifer Authority is a regional water management agency that operates with integrity, transparency, respect, and commitment to sustainability of the aquifer.

OUR PEOPLE

We are partners in a mission. People fuel our purpose...from the people of our organization, who carry out our work, to the more than 2 million people across our eight-county region, who rely daily on the Edwards Aquifer as their primary source of water.

Just as we cannot separate ourselves from our impact on the natural resources on which we depend for our sustenance and wellbeing as a people, we cannot separate ourselves from each other as people bound together in the work to manage, enhance, and protect the Edwards Aquifer for the “Next Generation and Beyond.”

OUR GUIDING PRINCIPLES

If we reach our intended destination of “The Next Generation, and Beyond,” it will be in large part because of a greater commitment to the principles of inclusion, imagination, and innovation.

- **Inclusion** – We invite everyone within our organization to participate in the creation of a shared vision of our future and include the diverse stakeholders from across our vast region to join us on the journey;
- **Imagination** – We visualize the possibilities of what could be by freeing ourselves from the limitations of the past and, instead, embrace a future where what is possible is limited only by our ability to imagine; and
- **Innovation** – We reinvent ourselves through creativity and ingenuity that stretches our minds, our capabilities, and comfort levels toward a renewed sense of purpose in our daily work to create certainty and legacy around our mission.

OUR CORE VALUES



COLLABORATION

We are interactive, diverse, and inclusive in everything we do.



CREATIVITY

We allow for and foster innovation in ideas and practices that lead to solutions in an ever-changing world.



INTEGRITY

We exhibit trust, honesty, transparency, and accountability at all times.



PROFESSIONALISM

We pursue excellence, respect others, and communicate effectively with those we serve, both internally and externally.



SCIENCE-BASED

Science drives and motivates our mission.



STEWARDSHIP

We manage, protect, and enhance the Edwards Aquifer system to ensure its long-term sustainability for the benefit of all users and uses of the resource.



Photo: Blanco River

OUR PLANNING PROCESS

In 2020,

we hired Mary Flanagan (Strategy & Leadership, LLC) to assist in the development of a 10-year strategic plan. As discussed below, Ms. Flanagan facilitated focused discussions with the EAA board of directors and management aimed at prioritizing the direction of our work over the next decade. The results of these discussions are captured in her report (Appendix B) and are incorporated throughout this strategic plan document. Additionally, we have identified the compelling need to lead in the area of restorative sustainability initiatives to protect, preserve, and enhance quantity and quality of water in the aquifer and to thus increase relevance and permanence to our mission. These inputs are summarized as follows:

EAA Board of Directors - Through a facilitated discussion, the EAA board of directors conducted an historical scan identifying key events in the life of the EAA within the context of broader groundwater management and protection, as well as within society at large. This exercise resulted in the identification of trends and insights, which served to inform the development of this strategic plan.

EAA Staff - Management, consisting of the EAA's 28 executives, managers, and supervisors participated in two separate facilitated discussions pertaining to the development of the strategic plan. This group of employees met to consider possible modifications to the EAA Core Values originally adopted in 2012. These updated core values are described earlier in this document. Building on the Board's work described above, management also developed the EAA's Practical Vision and its Key Strategies for the 2021-30 planning horizon, which serve as the backbone for this document.

Stakeholder Interests - Stakeholders in the Edwards Aquifer have broadly supported the idea of protecting the Aquifer through non-regulatory and incentive-based approaches that connect and engage private landowners in the mission to manage, enhance, and protect the Edwards Aquifer. The merits of further optimizing aquifer sustainability across the region through these approaches weighed heavily in the consideration of the development of this strategic plan.



OUR PRACTICAL VISION

We have developed a Practical Vision to define the broader aspirational concept of how we imagine our future (*What want to see in place in 2030*); hence, the idea of **"The Edwards Aquifer: The Next Generation, and Beyond."**

This practical vision consists of a series of strategic objectives that support two over-arching, thematic goals within the context of multi-generational impact and stability, which speaks to longevity and permanence of mission.



Photo: Night sky, Texas Hill Country



THE NEXT GENERATION

AND BEYOND



OUR THEMATIC GOALS

Photo: Pedernales River

An underwater photograph of a healthy seagrass bed. The seagrass is green and leafy, growing in a sandy and rocky substrate. A small fish is visible swimming in the water. Sunlight filters through the water, creating a rainbow-like effect on the seagrass.

A LEGACY OF SUSTAINABILITY

The intent is to ensure the aquifer remains a sustainable resource in perpetuity for all users and dependents of its waters.

To realize this goal, we will deploy the concept of a region-wide aquifer sustainability initiative, focused predominately on identifying and implementing non-regulatory conservation and protection measures that contribute to the maintenance and, where possible, the enhancement of historical water quantity and quality for the South Central Texas region.

As such, the EAA will expand resources and partnerships to better protect and improve the land surface within watersheds most conducive to affecting recharge to the aquifer—that is, watersheds within the recharge and contributing zones of the Edwards Aquifer.



CERTAINTY THROUGH **CREDIBILITY**

The focus is to foster greater certainty around the EAA mission by building unquestioned credibility in our work, the people assigned to carry out the work, and our united purpose.

The outcome will be trust and assured reliability around the management, enhancement, and protection of the aquifer. Ultimately, such credibility will lead to further certainty in the prospect that this aquifer will remain sustainable and continue to provide value to the overall wellbeing of the greater Edwards region in perpetuity.



OUR KEY OBJECTIVES

Photo: Blanco River

We will strive to achieve these two primary thematic goals, **sustainability** and **credibility**, by building and/or creating the following:

PARTNERSHIPS FOR CREATIVE SOLUTIONS

We will put into place innovative and incentivized programs to encourage private-public partnerships and to instill buy-in and trust with our stakeholders and regulated community.

These programs will be designed around the purpose of ensuring a secured and protected Edwards Aquifer system.

GREATER UNDERSTANDING AND MANAGEMENT THROUGH SCIENCE

Relying on our scientific research, we will reinforce and solidify our position as the trusted leader in managing, enhancing, and protecting the aquifer.

We will utilize scientific data, combined with lessons learned from experience, to foster public policy that ensures the highest possible water quality and sustainable water quantity.

To this end, we will draw scientists from near and afar to conduct research and collaborate on a myriad of studies to better inform our understanding of the Edwards Aquifer to identify and validate solutions to better manage, enhance, and protect the system.

EXPANDED AND DIVERSIFIED FUNDING

Through collaborative and innovative relationships, we will expand and diversify our funding sources to build shared value without burdening permit holders.

We will be active stewards of our financial resources, continually seeking collaborative partners to help offset aquifer management fee revenues as our primary funding source.

Critical to this effort is the Edwards Aquifer Conservancy (EAC), which will be robust and sustainable, raising enough funds each year to achieve operational status independent of the EAA budget.

ASSUREDNESS IN REGULATORY PROGRAMMING

Wherever possible, we will work toward permanence in core programs to further assurance and reliability in the economic, environmental, and regulatory optimization and general conservation of the aquifer system.

This includes securing a long-term incidental take permit issued by the U.S. Fish & Wildlife Service that balances certainty and flexibility for the aquifer-dependent endangered and threatened species for the next 30 years.

GREATER INFLUENCE THROUGH INCLUSION

We will become a more inclusive organization such that the EAA becomes a model for collaboration, transparency, and accessibility.

This means we will invite and partner with others when and where our mission intersects with various segments of our community.

We will be user friendly, including developing fully integrated centralized information systems that will make vital data easily accessible for all of our employees, our permit holders, our stakeholders, our partners, and the public at large.

OUR FOCUSED STRATEGIES

Photo: Comal River

We have identified **six strategies** that will be the agency's focus to meet the objectives of this plan.

These strategies will serve as the basis of our annual work plans.

REINVENT WORK PROCESSES

We will create continuous learning cultures that innovate and adapt to changing needs and environmental conditions to ensure the long-term viability and relevance of the EAA mission.

Accordingly, we will regularly evaluate our formal and informal processes to identify ways to continually improve how we do our work and to ensure the permanence of its impact.

INTEGRATE HOW WE MANAGE AND SHARE DATA

We will enhance existing information infrastructure, tools, and competencies to refine the data management and sharing process so as to foster greater transparency and credibility; ensuring all data are appropriately collected, validated, stored, and made accessible.

PRIORITIZE AND INTEGRATE RESEARCH

We will focus research on subject areas that further our understanding of the aquifer system so we can inform and enable science-based policy and best management practices recommendations to address prevalent threats to aquifer sustainability.

This will include but not be limited to a refined understanding and application of the conceptual model of the aquifer, analyses of technologies and nature-based strategies for protecting and enhancing historic aquifer recharge, and studies informing programmatic approaches to ensuring the uninterrupted long term compliance with laws protecting aquifer-dependent aquatic species listed within the EAHCP.

ENHANCE PRESENCE AND INFLUENCE

We will expand our influence in the community through proactive presence, informational persuasion and creative partnerships that foster understanding and build community around our mission and support for its long-term viability.

We will do this through inclusive programming in education, science, conservation and regulation, including but not limited to the opening and operation of the Education Outreach Center and the Field Research Park.

CHAMPION INNOVATION

We will invite and motivate creative thinking by embracing the power of imagination in all of our work. We will do this by designing and implementing programs that promote professional development through on-the-job creative thinking, problem solving and cross team collaboration, and by prioritizing innovation as a hiring and evaluation criteria.

OPTIMIZE AQUIFER SUSTAINABILITY

We will optimize the aquifer's long-term sustainability by implementing our own region-wide initiative to introduce and incentivize nature-based approaches to protecting, preserving and enhancing the water quality and quantity of the aquifer.

In particular, we will focus on the contributing and recharge zones of the Edwards Aquifer system and will use this work as opportunities to include others in our mission through research, best management land and conservation practices, and shared funding.



"If you want to go **fast**, go **alone**

If you want to go **far**, go **together**"

- African Proverb





ACKNOWLEDGMENTS

Thank you to the EAA Board of Directors and EAA staff for their significant contributions to the development of this strategic plan.

Also, thanks to the many men and women, whose contributions made throughout the history of the EAA and its predecessor organization, the Edwards Underground Water District, have brought us to this purpose in this time. It is they – those who devoted themselves to the higher ideals of excellence in service, stewardship through balance and consensus, and leadership through science-based decision-making – upon whose shoulders we stand to enable our vision of **"the next generation, and beyond."**

Graphic design by: Tamara Pinzon



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**EDWARDS AQUIFER AUTHORITY
900 E QUINCY ST, SAN ANTONIO, TX, 78215
210.222.2204 • EDWARDSAQUIFER.ORG**

APPENDIX B
BOARD RESOLUTION
2022 BUDGET ADOPTION

RESOLUTION AND ORDER NO. 11-21-012

OF THE BOARD OF DIRECTORS OF THE EDWARDS AQUIFER
AUTHORITY ADOPTING THE ANNUAL BUDGET FOR FISCAL YEAR
2022, AND ASSESSING AQUIFER MANAGEMENT FEE AND PROGRAM
AQUIFER MANAGEMENT FEE RATES FOR 2022

WHEREAS, the Edwards Aquifer Authority ("EAA") was created by the Edwards Aquifer Authority Act, Act of May 30, 1993, 73rd Leg., R. S., ch. 626, 1993 Tex. Gen. Laws 2350, as amended ("Act"); and

WHEREAS, under Section 1.02 of the Act, the EAA is a conservation and reclamation district created by virtue of Article XVI, Section 59 of the Texas Constitution, and is a governmental agency and body politic and corporate vested with the full authority to exercise the powers and to perform the functions specified in the Act; and

WHEREAS, Section 49.057(b) of the Texas Water Code, Section 709.19(c)(1) of the Edwards Aquifer Authority Rules ("EAA Rules"), and Article 9.02(b) of the Edwards Aquifer Authority Bylaws require that the Board of Directors ("Board") of the EAA prepare and adopt an annual budget; and

WHEREAS, Section 1.29(b) of the Act provides that the EAA "shall assess equitable aquifer management fees based on aquifer use . . . to finance its administrative expenses and programs authorized under [the Act]" and Section 709.17 of the EAA Rules provides that the EAA shall assess aquifer management fees ("AMFs") "for all authorized and unauthorized withdrawals of groundwater from the Aquifer"; and

WHEREAS, Section 709.18(a) of the EAA Rules provides that the AMFs shall consist of: (1) AMFs for the EAA's annual operating revenue requirements; and (2) program AMFs ("PAMFs") for implementation of the Edwards Aquifer Habitat Conservation Plan ("EAHCP") Program; and

WHEREAS, Section 1.29(b) of the Act and Section 709.23(a) of the EAA Rules provide that the EAA may collect a total amount of AMFs that is reasonably necessary for the annual operating revenue requirements for the administration of the EAA; and

WHEREAS, Section 1.29(b) of the Act also provides that the EAA may not increase AMFs (including PAMFs) by more than 8% per year; and

WHEREAS, Section 709.19(b) of the EAA Rules provides that the AMF shall be based on two user blocks: agricultural users and non-agricultural users; and

WHEREAS, Section 709.19(c)(1) of the EAA Rules provides that the Board, by resolution and order, shall annually adopt a Block I AMF rate and budget for non-agricultural users reflecting its annual operating revenue requirements for the succeeding fiscal year; and

WHEREAS, Section 709.19(c)(1) of the EAA Rules provides that, in addition to an AMF for its annual operating revenue requirements, the EAA shall calculate a PAMF necessary to implement the EAHCP; and

WHEREAS, Section 709.19(c)(2)(C) of the EAA Rules provides that the EAA shall calculate the AMF that may be assessed against Block 1 non-agricultural use on a unit basis and assessed on the total volume of groundwater authorized to be withdrawn in a groundwater withdrawal permit; and

WHEREAS, Section 1.29(e) of the Act and Section 709.19(c)(3) of the EAA Rules provide that the AMF for Block 2 agricultural users may not be more than \$2.00 per acre-foot; and

WHEREAS, in response to the COVID-19 crisis and to protect the health of the public, the EAA held a virtual public meeting, via Zoom Videoconference, to take public comment on the proposed FY 2022 budget, AMFs, and PAMFs; and

WHEREAS, the Board has determined that adoption of the budget, AMFs, and the PAMFs associated therewith, is reasonably necessary for the administration of the EAA, including for the implementation of the EAHCP, and that each and every act, project and expenditure contained in the budget is an administrative expense or program authorized under the Act; and

WHEREAS, payment of AMFs alone does not guarantee the right to withdraw groundwater from the Edwards Aquifer, since all withdrawals are subject to the Act, the rules of the EAA, orders of the Board, the terms and conditions of any permits issued by the EAA, and any other applicable federal, state, and local law; and

WHEREAS, a regular meeting of the Board of the EAA was held on November 9, 2021, at 4:00 p.m., notice of public meeting having been duly and properly posted in accordance with Chapter 551, Texas Government Code; and

WHEREAS, an agenda item was duly listed in the notice of public meeting that is the subject of this Resolution and Order; and

WHEREAS, a majority of the Directors were in attendance and constituted a quorum of the Board; and

WHEREAS, the Board duly considered and took action on the agenda item that is the subject of this Resolution and Order; and

WHEREAS, a vote of the majority of the quorum of the Board in attendance passed on, voted in favor of, and adopted the following Resolution and Order; and

WHEREAS, it is in the public interest that the EAA adopt an annual budget and assess AMFs and PAMFs for FY 2022.

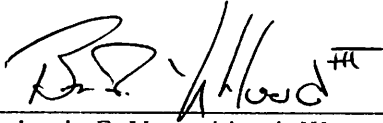
NOW, THEREFORE, BE IT RESOLVED AND ORDERED BY THE BOARD OF DIRECTORS OF THE EDWARDS AQUIFER AUTHORITY THAT:

- Section 1. The recitals set out above are found to be true and correct, and they are hereby adopted by the Board of Directors and are made a part of this Resolution and Order for all purposes.
- Section 2. The Fiscal Year 2022 Annual Budget attached to this Resolution and Order is hereby adopted.
- Section 3. The Fiscal Year 2022 Annual Budget may be amended pursuant to a duly passed oral motion made at a duly called meeting of the Board of Directors without the necessity of adopting a new or revised Resolution and Order.
- Section 4. As provided by Section 709.19(c)(2)(C) of the EAA Rules, the AMF for Block 1 non-agricultural users shall be calculated and assessed by the General Manager of the EAA on a unit cost basis resulting in an AMF rate of \$53.00 per acre-foot per annum for fiscal year 2022.
- Section 5. As provided by Section 709.19(c)(2)(C) of the EAA Rules, the PAMF for Block 1 non-agricultural users shall be calculated and assessed by the General Manager of the EAA on a unit cost basis resulting in a PAMF rate of \$31.00 per acre-foot per annum for fiscal year 2022.
- Section 6. As provided by Section 1.29(e) of the Act and Section 709.19(c)(3) of the EAA Rules, the General Manager of the EAA shall calculate and assess the AMF rate for Block 2 agricultural users at \$2.00 per acre-foot per annum for fiscal year 2022.
- Section 7. As provided by Section 1.29(b) of the Act, the AMFs and PAMFs assessed above in Sections 4-6 for fiscal year 2022 do not constitute an increase of AMFs by more than 8% from the preceding fiscal year 2021.
- Section 8. This Resolution and Order shall become effective from and after its adoption.

PASSED AND APPROVED BY THE BOARD OF DIRECTORS OF THE EDWARDS AQUIFER AUTHORITY THIS THE 9TH DAY OF NOVEMBER 2021.

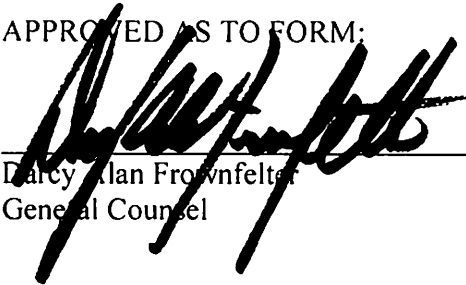

Luana Buckner
Chairman, Board of Directors

ATTEST:

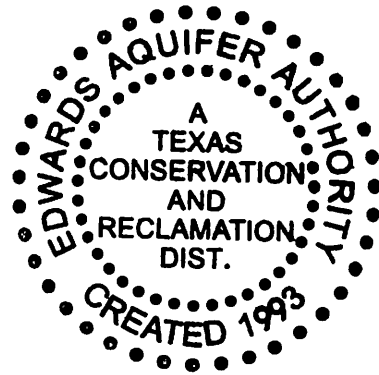


Benjamin F. Youngblood, III
Secretary, Board of Directors

APPROVED AS TO FORM:



Darcy Alan Frovnfelte
General Counsel



Edwards Aquifer Authority
2022 Proposed Operating Budget

EAA General Operations Fund

Expense Classification	Account Description	2022 Proposed Budget	Proposed Amendments	2022 Proposed Budget <i>AMENDED</i>
Salaries & Wages				
	Salaries & Wages	\$ 8,938,392		\$ 8,938,392
	Overtime	12,000		12,000
Salaries & Wages Total		8,950,392	-	8,950,392
Employee Benefits				
	Allowances	40,200		40,200
	Dental Insurance	28,249		28,249
	Employer FICA & Medicare	684,705		684,705
	Health Insurance	686,291		686,291
	Life & AD&D Insurance	33,817		33,817
	LT Disability Insurance	24,657		24,657
	Medical Allowance Reimbursement	475,000		475,000
	Retirement Contributions	977,936		977,936
	State Unemployment Tax	27,540		27,540
	Tuition/Student Loan Reimbursements	46,600		46,600
Employee Benefits Total		3,024,995	-	3,024,995
Professional Technical Services				
	Aquarena Center Services	2,500		2,500
	Aquifer Science Advisory Panel	15,000		15,000
	City of San Antonio - ILA Cost Share Reimbursement	(246,141)		(246,141)
	Contractual Professional Services	2,288,875		2,288,875
	Contractual Professional Services - AST Upgrades	200,000		200,000
	Displays	1,000		1,000
	EA Model	100,000		100,000
	EAPP Model - Diffuse Recharge Assessment Model	200,000	(200,000)	-
	Elections	400,000		400,000
	Focused Flow Path Studies	15,000		15,000
	Groundwater Mgt Advisory Panel	15,000		15,000
	Hydrologic Budget Studies	130,000		130,000
	Interformational Flow Studies	355,000		355,000
	Intergovernmental Cooperative	25,000		25,000
	Joint Funding Agreement	380,000		380,000
	Lab Services	270,000		270,000
	Legal Services	600,000		600,000
	Legislative Services	150,000		150,000
	NBU/COSM Interlocal Support	15,000		15,000
	Precipitation Enhancement	175,000		175,000
	Pre-Employment Services	6,000		6,000
	Records Services	7,000		7,000
	Region L	17,000		17,000
	Temporary Services	5,000		5,000
	Trinity-Edwards USGS Mapping IV	173,000		173,000
	Trinity-Edwards USGS Mapping V	60,000		60,000
Professional Technical Services Total		5,359,234	(200,000)	5,159,234
Property Services				
	Constituency Services	25,000		25,000
	Equipment Maintenance	75,000		75,000
	Equipment Rental	67,000		67,000
	Event Sponsorships	184,750		184,750
	Facilities Maintenance	165,000		165,000
	Facilities Rental	154,850		154,850
	Fleet Lease	73,000	(73,000)	-
	Hosting, SAAS and Support Agreements	621,276		621,276
	Non-Capital Assets	330,000		330,000
	Pest Control	3,400		3,400
	Security & Fire	15,000		15,000

Edwards Aquifer Authority
2022 Proposed Operating Budget

EAA General Operations Fund

Expense Classification	Account Description	2022 Proposed Budget	Proposed Amendments	2022 Proposed Budget <i>AMENDED</i>
	Vehicles Maintenance	50,000		50,000
	Waste Disposal	4,500		4,500
	Water & Sewage	8,700		8,700
Property Services Total		1,777,476	(73,000)	1,704,476
Supplies				
	Clothing	25,000		25,000
	Computer Supplies	26,000		26,000
	Electrical Services	99,000		99,000
	Event Materials and Supplies	30,300		30,300
	Field Supplies	95,500		95,500
	Fuel	35,000		35,000
	Kitchen & Janitorial	72,500		72,500
	Memberships	37,260		37,260
	Office Supplies	49,600		49,600
	Postage	20,000		20,000
	Promotional Supplies	123,000		123,000
	Remote Work Supplies	20,000		20,000
	Subscriptions & Publications	23,300		23,300
Supplies Total		656,460	-	656,460
Other Services				
	Conferences, Seminars & Training	155,000		155,000
	Fees, Licenses and Permits	13,350		13,350
	Lodging	1,000		1,000
	Meeting Expenses	172,800		172,800
	Printing	105,250		105,250
	Property & Casualty Insurance	138,850		138,850
	Public & Legal Notices	113,000		113,000
	Telecommunication Services	146,869		146,869
	Travel/Lodging	6,000		6,000
Other Services Total		852,119	-	852,119
Other Expenses				
	Conservation Initiatives	300,000		300,000
	Interest Expense-Note Payable	100,330		100,330
Other Expenses Total		400,330	-	400,330
Capital Assets				
	Buildings CY	40,000		40,000
	Computer Hardware CY	155,000		155,000
	Computer Software CY	17,000		17,000
	Easement Assessment Tool	-	200,000	200,000
	Furniture & Office Equipment CY	41,000		41,000
	Imp Other than Buildings CY	100,000		100,000
	Note Payable - Long Term	230,000		230,000
	Vadose Zone Research Equipment	40,000		40,000
	Vehicles CY	18,000	200,000	218,000
	Water Sampling/Monitoring Equipment CY	97,500		97,500
Capital Assets Total		738,500	400,000	1,138,500
Grand Total		\$ 21,759,506	\$ 127,000	\$ 21,886,506

Edwards Aquifer Authority
2022 Proposed Operating Budget

EAHCP Fund

Expense Classification	Account Description	2022 Proposed Budget	Proposed Amendments	2022 Proposed Budget <i>AMENDED</i>
Salaries & Wages				
	Salaries & Wages	540,360		540,360
Salaries & Wages Total		540,360		540,360
Employee Benefits				
	Allowances	3,600		3,600
	Dental Insurance	1,784		1,784
	Employer FICA & Medicare	41,338		41,338
	Health Insurance	43,345		43,345
	Life & AD&D Insurance	2,075		2,075
	LT Disability Insurance	1,513		1,513
	Medical Allowance Reimbursement	30,000		30,000
	Retirement Contributions	59,926		59,926
	State Unemployment Tax	1,620		1,620
Employee Benefits Total		185,201		185,201
Professional Technical Services				
<u>Program Administration</u>	Contractual Professional Services	519,000		519,000
<u>Springflow Protection</u>	SAWS ASR Leasing	5,776,493		5,776,493
	VISPO	2,509,975		2,509,975
<u>San Marcos Springs</u>	Biological Monitoring	371,929		371,929
	Household Hazardous Waste Program	30,000		30,000
	LID/BMP Management	700,000	400,000	1,100,000
	Litter Control/Floating Vegetation	50,000	(2,879)	47,121
	Management - Key Public Rec Areas	56,000		56,000
	Non-Native Animal Species Control	30,000	(6,744)	23,256
	Non-Native Plant Spec Control	200,000		200,000
	Restoration - Riparian Zones	20,000		20,000
	TX Wild Rice Enh/Restoration	20,000		20,000
	Water Quality Monitoring	30,000		30,000
<u>Comal Springs</u>	Aquatic Vegetation Restoration	100,000		100,000
	Biological Monitoring	383,845		383,845
	Decaying Vegetation Removal	15,000		15,000
	Gill Parasite Control	10,000		10,000
	Household Hazardous Waste Program	40,385		40,385
	LID/BMP Management	15,000		15,000
	Litter Control/Floating Vegetation	25,000		25,000
	Non-Native Animal Species Control	45,000		45,000
	Old Channel Restoration	50,000		50,000
	Restoration - Riparian Zones	125,000		125,000
	Riparian Impr - Riffle Beetle	25,000		25,000
	Water Quality Monitoring	30,000		30,000
<u>Applied Research</u>	Applied Research	240,000		240,000
<u>Refugia</u>	NFHTC Refugia	1,166,375		1,166,375
Professional Technical Services Total		12,584,002	390,377	12,974,379
Property Services				
	Non-Capital Assets	16,000		16,000
Property Services Total		16,000	-	16,000
Supplies				
	Memberships	2,000		2,000
	Office Supplies	1,500		1,500
Supplies Total		3,500	-	3,500
Other Services				
	Conferences, Seminars & Training	20,000		20,000
	Meeting Expenses	20,000		20,000
	Printing	8,000		8,000
Other Services Total		48,000	-	48,000
Grand Total		\$ 13,377,063	\$ 390,377	\$ 13,767,440

APPENDIX C
GENERAL IMPROVEMENT REVENUE NOTE
AMORTIZATION SCHEDULE

Edwards Aquifer Authority
General Improvement Revenue Note
Amortization Schedule

<u>Year</u>	<u>Total Payment</u>	<u>Principal</u>	<u>Interest</u>
2011	16,191	-	16,191
2012	126,712	-	126,712
2013	126,712	-	126,712
2014	190,898	65,000	125,898
2015	193,391	70,000	123,391
2016	195,696	75,000	120,696
2017	192,876	75,000	117,876
2018	194,993	80,000	114,993
2019	196,923	85,000	111,923
2020	193,727	85,000	108,727
2021	195,468	90,000	105,468
2022	330,329	230,000	100,329
2023	331,556	240,000	91,556
2024	332,407	250,000	82,407
2025	332,881	260,000	72,881
2026	332,980	270,000	62,980
2027	327,765	275,000	52,765
2028	332,237	290,000	42,237
2029	331,208	300,000	31,208
2030	329,803	310,000	19,803
2031	328,021	320,000	8,021
	<u>5,132,774</u>	<u>3,370,000</u>	<u>1,762,774</u>

APPENDIX D

5-YEAR FORECAST PRESENTATION



5 Year Forecast

July 13, 2021

Sustain Fiscal Stability & Build Long- Term Capacity



BUDGET CYCLE



REVENUE SOURCES
& TIMING

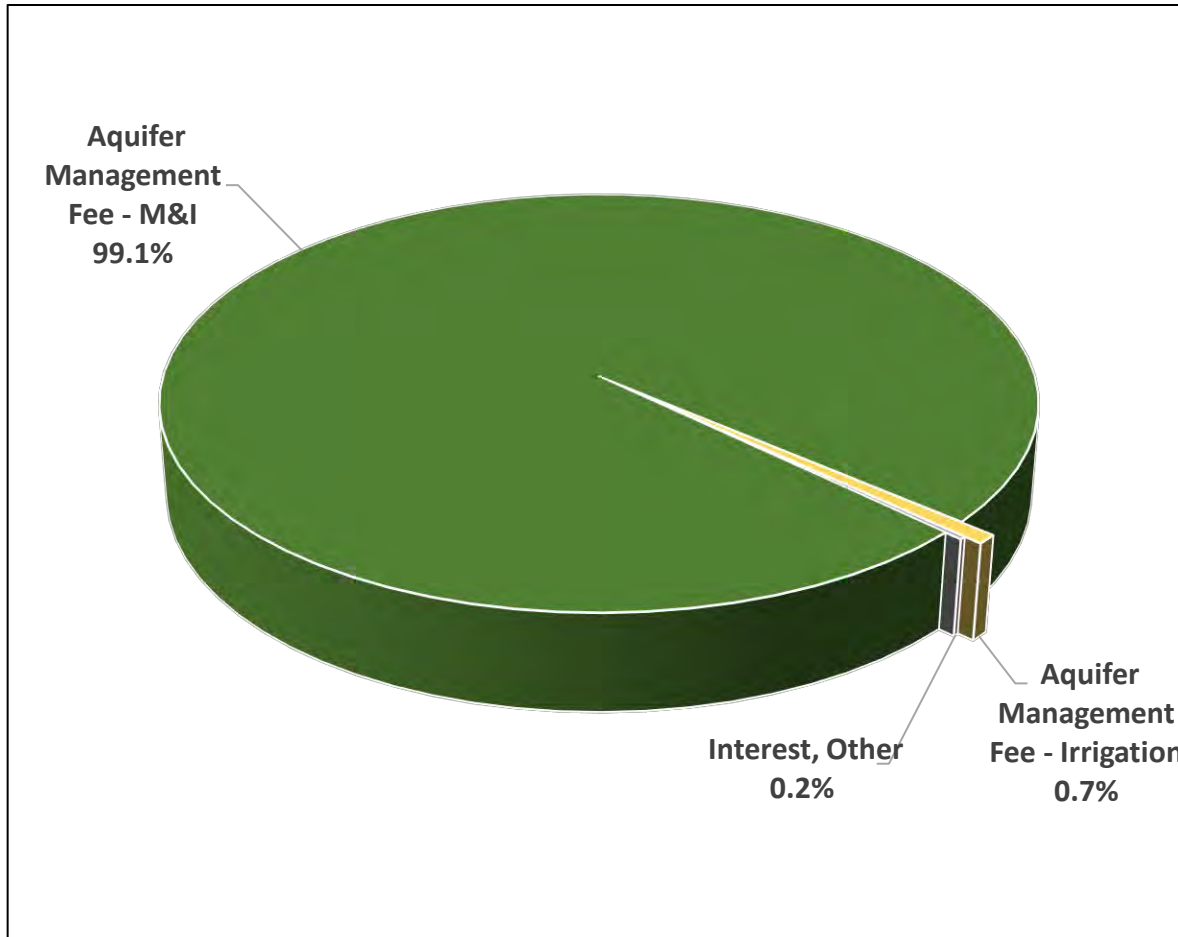


5 YEAR FORECAST

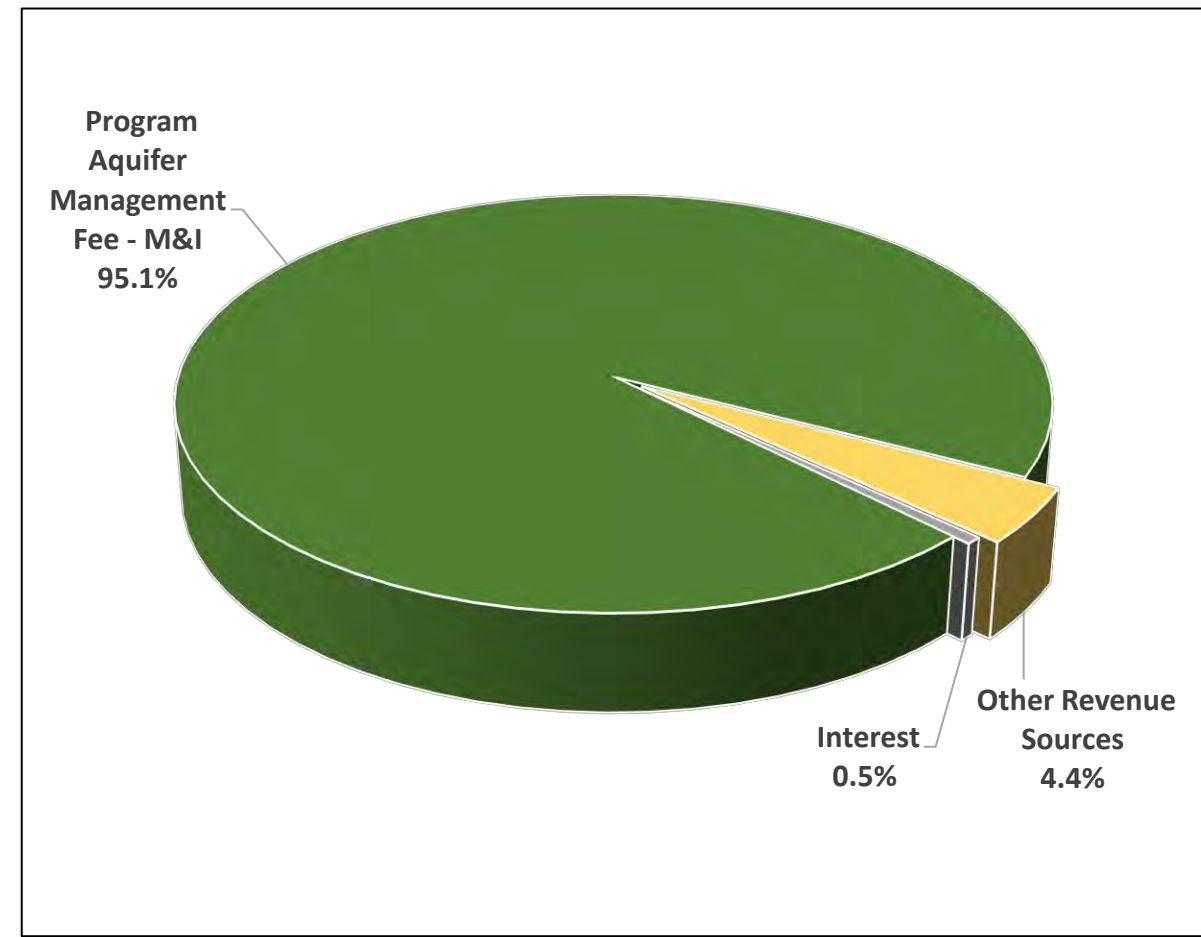


Where does our REVENUE come from?

EAA General Operations

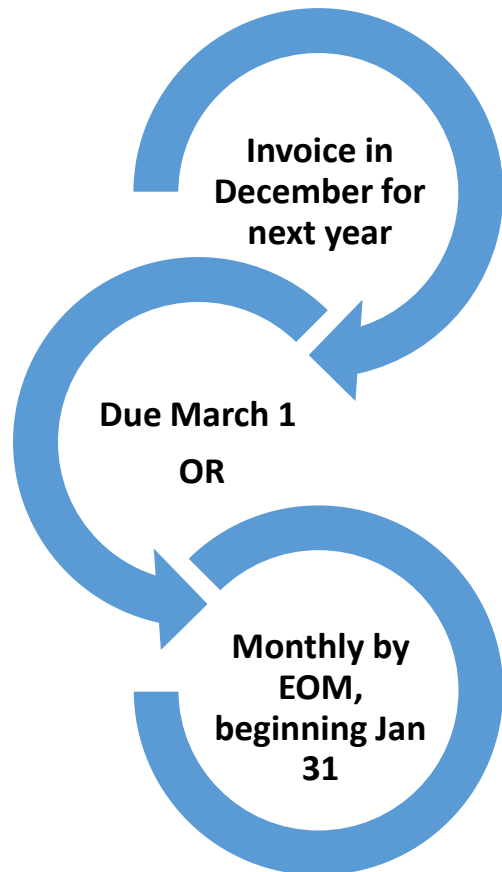


Habitat Conservation Program

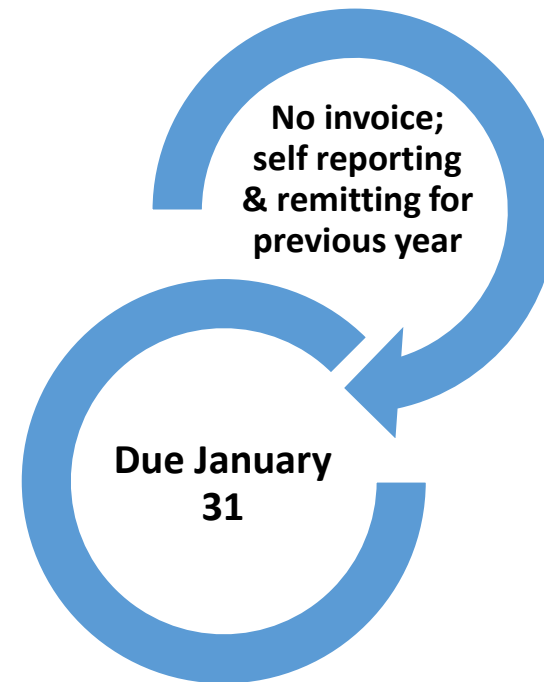


When and how do we get paid?

Municipal & Industrial (M&I) Permit Holders



Irrigation/Agricultural Permit Holders





5 Year Forecast

- Assumptions
 - People/Benefits
 - Programs
 - Constituent/Community Reinvestment
- Rate Considerations & Reserves
 - Build/Manage Capacity
 - Maintain Predictability/Stability

5 Year Forecast

People/Benefits

- New Positions Proposed
 - 2022: 1 Part Time position
 - 2023: 3 Full Time positions
- Average Combined Annual Cost of Living/Merit Increase: 6%/year
- Insurance:
 - 2022: 35% increase
 - 2023 – 2026: 15% increase/year
- Retirement (TCDRS): 11.09%



General Operations

- Legal Services
- Legislative Services
- Even numbered years: Elections, SCTWAC Report
- Hydrologic/Interformational Flow Studies
- Abandoned Well Closure
- Conservation/Recharge Initiatives
- Education Outreach Center at Morgan's Wonderland Camp
- Trinity/Edwards Mapping Phase IV & V
- City of San Antonio – Aquifer Protection cost share reimbursement

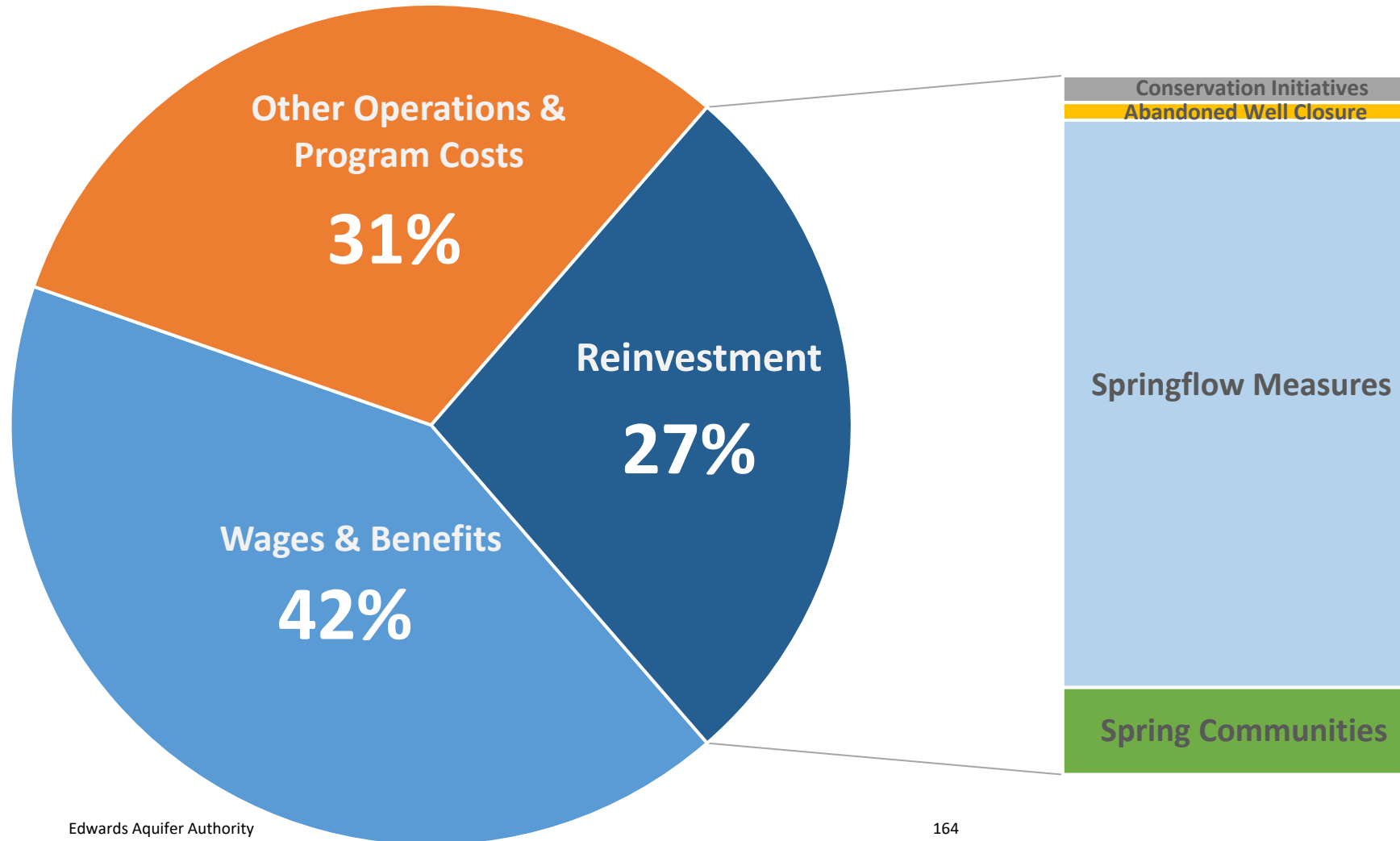
HCP

- Program Management
- Springflow Protection
 - ASR Leasing & Forbearance
 - VISPO: Standby payments only
- San Marcos Springs
- Comal Springs
- Applied Research
- Refugia

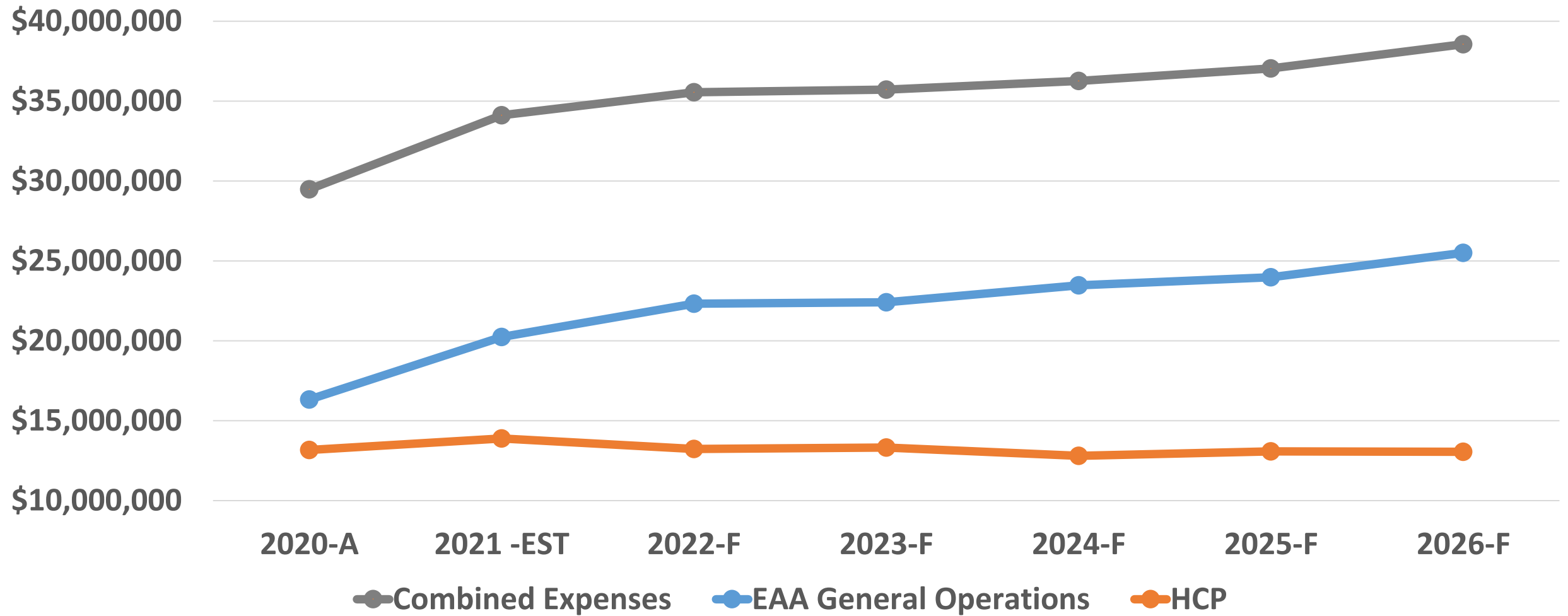
5 Year Forecast Program Costs

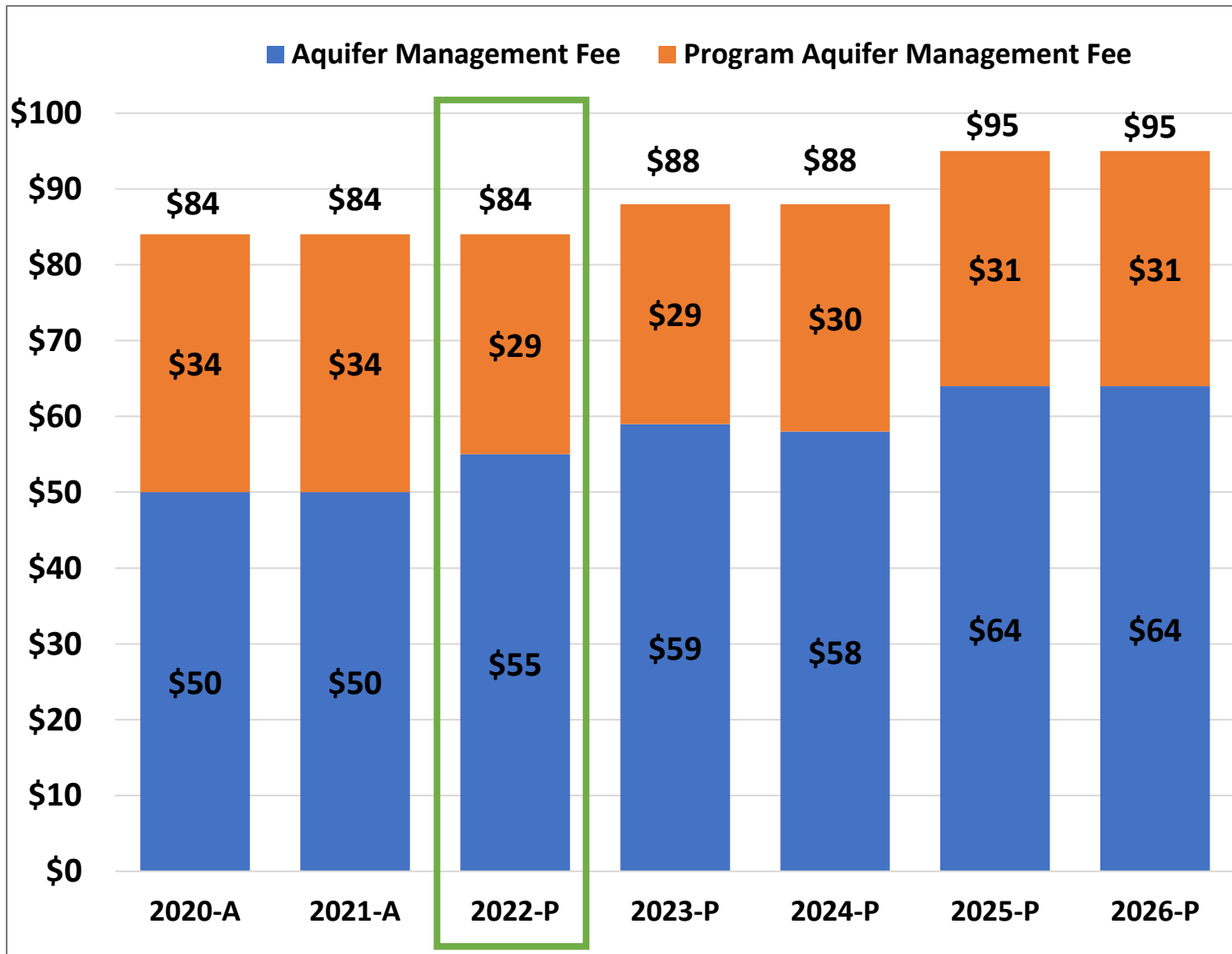
5 Year Forecast

Constituent/Community Reinvestment



Expense Forecast by Year



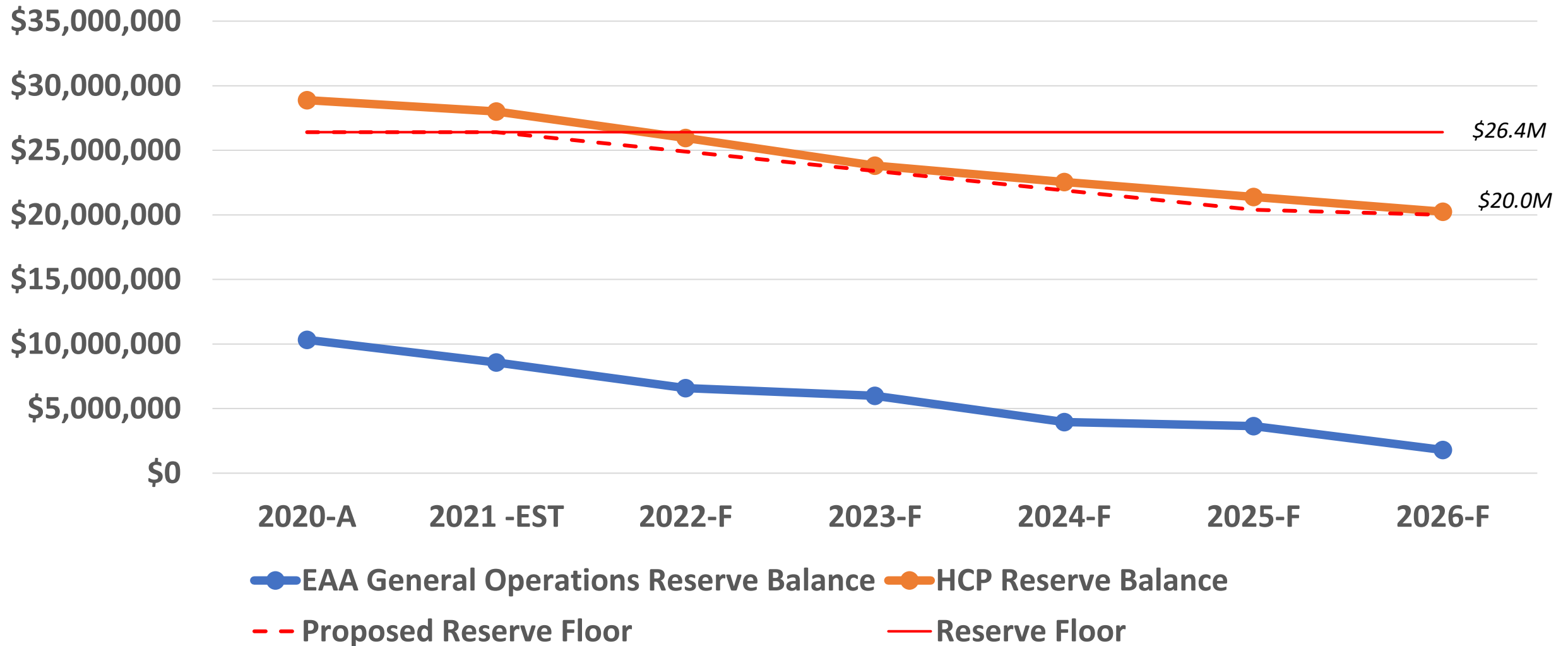


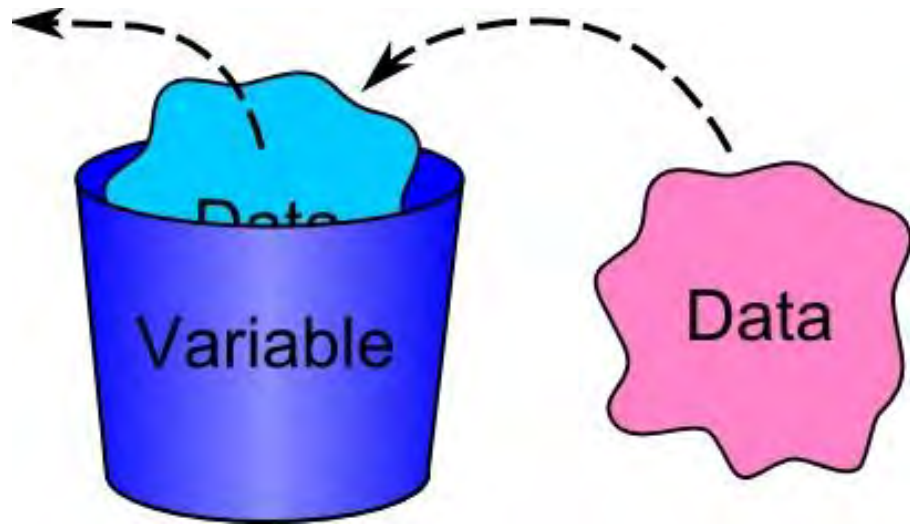
M&I Rate Considerations

Limitations
Stability
Building Capacity

Note: Irrigation permit holders pay \$2/AF, per statute. The above rates are for Municipal & Industrial permit holders only and apply per AF of authorized permitted water. Rate increases, per year, limited to 8%.

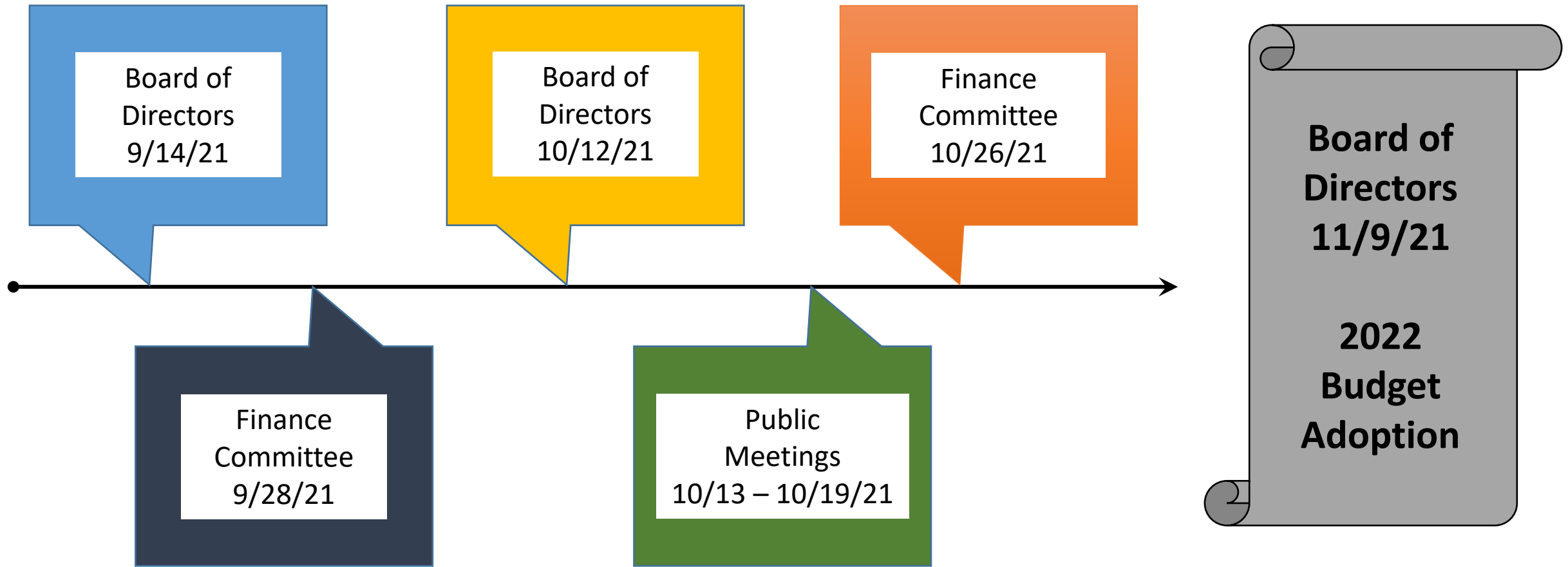
Reserve Projections





HCP Reserve Proposed Floor Decrease

- Probability Analysis
- Rate Impacts
- ITP Rollover



2022 Proposed Budget Schedule



Questions?

Thank you!

APPENDIX E

ACRONYMS & GLOSSARY

Acronyms & Glossary

ACRONYMS

AF – Acre-feet

AMF – Aquifer Management Fee

ASR – Aquifer Storage and Recovery

EAA – Edwards Aquifer Authority

EAHCP or **HCP** – Edwards Aquifer Authority Habitat Conservation Plan

FTE – Full-Time Equivalent Employee

GCP – Groundwater Conservation Plan

GFOA – Government Finance Officers Association

HSPF – Hydrologic Simulations Program Fortran (surface water modeling code)

IRR – Irrigation permit holders; Agricultural permit holders

ITP – Incidental Take Permit

M&I – Municipal and Industrial permit holders; Non-Agricultural permit holders

MODFLOW – A Finite-Difference Groundwater Model

SAWS – San Antonio Water System

USFWS – U.S. Fish and Wildlife Service

USGS – United States Geological Society

GLOSSARY

Acre-foot – The amount of water that will cover one acre of land (43,560 square feet) to a depth of one foot-325,851 gallons. An acre-foot is the primary unit of measure used by the EAA to express water volume.

Accounting System – A set of records and procedures used to record, classify and report information on the financial activity of an entity.

Accrual Basis of Accounting – The process of relating the financial effect of transactions to the period in which they occur, whereby, revenue is recognized when earned and expenses are recognized when incurred.

Aquifer – A stratum or zone below the surface of the land that can hold and yield water in sufficient quantities for human use.

Artesian – Water under pressure, trapped between impermeable layers, that will rise in a well or a fracture in the Earth above the top of the aquifer.

Artesian Well – A well located in an artesian aquifer; a flowing artesian well occurs when the pressure causes water to emerge at the land surface without pumping.

Amortization – reduction of a loan (debt) value over a period of time through fixed payments.

Audit – an independent examination of financial statements to determine if they are free from material misstatements and an opinion on findings is issued.

Authorized Positions – Employee positions that have been approved by the board and will be filled during the budget cycle.

Balanced Budget – a budget in which revenues equal or exceed expenses.

Basin – A natural or artificial hollow area containing water.

Budget Resolution – The official action of the Board establishing the legal authority for the EAA to expend resources.

Budget Schedule – A list of salient dates that the EAA follows in preparation for and adoption of the budget.

Capital Assets – A long-lived asset acquired for use in the operation of the business and not intended for resale to customer. Examples include equipment, vehicles, land, buildings and structures. The EAA considers assets with an acquisition price in excess of \$5,000 and a useful life of more than one year to be a capital asset.

Conservation – The preservation and protection of something, especially a natural resource such as water.

Critical Period (Management Plan) - a plan implemented in times of declining groundwater levels to help sustain aquifer and springflow levels. This plan helps slow the rate of decline in aquifer levels and spring discharges during periods of little or no rain by reducing the amount of groundwater permit holders are allowed to withdraw.

Depreciation – The allocation of the cost of a capital asset to each period benefited by the asset based on the assumed useful life of the asset.

Discharge – A release from confinement, such as water flowing from an aquifer through springs or wells.

Drought – A long period of time with little or no rain.

Enterprise Fund – Fund established to account for operations financed and conducted in a manner similar to the operations of private business enterprise.

Expense – Charges incurred during a period through activities that describe ongoing operations of the EAA.

Fault – A fracture within the Earth’s crust that displaces the layers of rock.

Fiscal Year (FY) – The fiscal year for the EAA is January 1 through December 31.

Full-Time Equivalent – Full-time employee is defined as an employee that works 40 hours per week.

General Improvement Revenue Note – A revenue note issued by a paying agent/registrar for the purpose of providing funds to build, renovate, and equip the EAA’s administrative headquarters.

Generally Accepted Accounting Principles (GAAP) – The term used to describe the body of principles that governs the accounting for financial transactions underlying the preparation of a set of financial statements.

Government Accounting Standards Board (GASB) – An independent, professional body that sets standards of accounting and financial reporting applicable to state and local governments.

Groundwater – Water that is stored under the Earth’s surface.

Income – Compensation for services, interest, rents, fees, etc.

Investments – Securities purchased for the generation of income in the form of interest.

Karst – An area of limestone or other soluble rock with sinkholes, caverns, caves and springs.

Limestone – A sedimentary rock consisting mainly of calcium carbonate that has been formed from the skeletons and shells of sea organisms and from minerals that have separated from seawater.

Net Assets (Fund Balance) – Total Assets less Total Liabilities.

Operating Expense – Primary recurring cost incurred to support the activities of the EAA.

Operating Revenues – Revenues generated from the provision of service and from other activities associated with the provision of service.

Recharge – The process of water being added to an aquifer.

Records Management – Program established to support the intention of the State of Texas to promote and support a program for the efficient and economical management of local government records.

Refugium - (refugia-plural) is an area in which a population of organisms can survive through periods of unfavorable conditions.

Reserve – An account used to indicate that a portion of previous earnings has been restricted for a specific purpose.

Spring – A place where water emerges naturally from the ground. See “Artesian”.

Surface Runoff – Water that falls on the ground and flows into rivers, streams, lakes and oceans.

Surface Water – Water on top of the ground, including streams, rivers, lakes, oceans, snow and glaciers.

Water Table – The top of the zone of saturation; the level to which unconfined groundwater has risen.

Well – A hole drilled into the ground to obtain water.

Zone of Saturation – An underground region within which all openings fill with water. The top of the zone of saturation is called the water table. Water contained within the zone of saturation is called groundwater.



Edwards Aquifer Authority
900 E. Quincy
San Antonio, TX 78215
(800) 292-1047
(210) 222-2204 (210) 222-9869 (fax)