



2020 OPERATING BUDGET

Adopted November 12, 2019

S A N A N T O N I O , T X

INCLUSION IMAGINATION INNOVATION



**EDWARDS AQUIFER
AUTHORITY**

2020 Operating Budget

Adopted November 12, 2019

TABLE OF CONTENTS

Distinguished Budget Presentation Award (preceding year)	1
EAA Vision, Mission Statement, and Goals	3
Transmittal Memorandum	5
Board of Directors	13
Format of the Budget Document	15
Budget Overview	
Introduction and Key Aquifer Information	18
Community (San Antonio) Profile	21
Governance	23
Budget Assumptions	24
Budget Process.....	24
Budget Calendar.....	25
Financial Policies	27
Financial Overview	
Financial Summary Overview.....	33
Fund Summary – Combined Funds	34
Fund Balance	35
Composition of Net Assets.....	36
General Operating Fund – Revenue & Expense Summary	37
Fund Summary - General	40
EAHCP Fund - Revenue & Expense Summary	41
Fund Summary – Habitat Conservation Plan	44
5-Year Plan.....	45
Division/Department Detail	
Organization Structure.....	48
Personnel Schedule.....	49
General Fund: Division/Department Summary	51
Executive Division	53
Administration and Financial Services Division	62
Aquifer Management Services Division	75
Communications & Development Division	92
External & Regulatory Affairs Division	101
Edwards Aquifer Habitat Conservation Plan Fund:	
Threatened & Endangered Species Division	114
Capital Budget	
Capital Budget/Plan Summary	130
Capital Budget.....	131
Appendices	
Appendix A – Strategic Plan 2016-2020.....	132
Appendix B – Board Resolution – 2020 Budget Adoption	155
Appendix C – General Improvement Revenue Note – Amortization Schedule	164
Appendix D – 5-Year Forecast Presented July, 2019	167
Appendix E – Glossary.....	176



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

**Edwards Aquifer Authority
Texas**

For the Fiscal Year Beginning

January 1, 2019

Christopher P. Morill

Executive Director

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VISION STATEMENT

The EAA's vision is a comprehensive description of how the organization will look in the future.

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

MISSION STATEMENT

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

GOALS

The EAA has eight major strategic goals that are the focus of the agency through 2021:


- *Sustain Federally Protected Aquifer-Dependent Species*
- *Ensure Effective Management of the Edwards Aquifer*
- *Identify and Address Recharge Initiatives for the Edwards Aquifer*
- *Prevent the Pollution of the Aquifer*
- *Conduct Research that Enhances Understanding and Effective Management of the Aquifer*
- *Develop an Inclusive, Service-Oriented Organization*
- *Build Shared Value in the EAA Mission*
- *Sustain Fiscal Stability*

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MEMORANDUM

To: Board of Directors

From: Roland Ruiz 
General Manager

Date: November 27, 2019

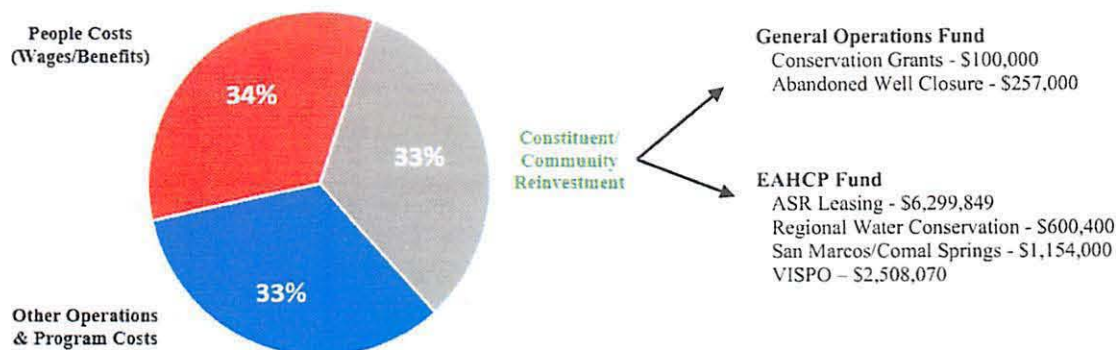
Subject: 2020 Adopted Operating Budget

Presented herein is the Board-adopted 2020 budget for your reference. This budget provides funding for Edwards Aquifer Authority (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 \$18.9 million in projected expenses, supported primarily by revenue generated through the assessment of a general aquifer management fee (AMF) of \$50 per acre-foot; and an Edwards Aquifer Habitat Conservation Plan (EAHCP) Fund of \$14.1 million in projected expenses, supported primarily by revenue generated through the assessment of a \$34 per acre-foot program AMF. Collectively, this makes for a \$33 million comprehensive budget funded by a combined 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 and are discussed later in this document. It is important to 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 33% (\$11 million) of the \$33 million comprehensive budget is projected to be reinvested into program initiatives that serve the greater good of the region and the constituents we serve. These program initiatives, diagramed below, are discussed in detail later in this document.

Constituent/Community Reinvestment 2020



EAA GENERAL FUND

The General Fund budget includes \$18.6 million in revenue and \$18.9 million in expenses (including capital outlays for equipment and debt service), representing an increase of 8.5% and 3.1%, respectively, from 2019. The difference between the expenses and revenue results in a Net Loss of \$0.3 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 FY2019	Adopted Budget FY2020	Variance	Percent Variance
Revenues				
Operating Revenues	\$ 17,052,703	\$ 18,421,079	\$ 1,368,376	8.0%
Non-Operating Revenues	91,300	177,000	85,700	93.9%
Total Revenues	\$ 17,144,003	\$ 18,598,079	\$ 1,454,076	8.5%
Expenses				
Capital Expenses *	\$ 1,244,881	\$ 1,139,000	\$ (105,881)	-8.5%
Operating Expenses	17,076,848	17,758,474	681,626	4.0%
Total Expenses	\$ 18,321,728	\$ 18,897,474	\$ 575,746	3.1%
Net Income/(Loss)				
(Before Depreciation)	\$ (1,177,725)	\$ (299,395)	\$ 878,330	

* Includes both equipment and note principal payments

Revenues

Operating Revenues

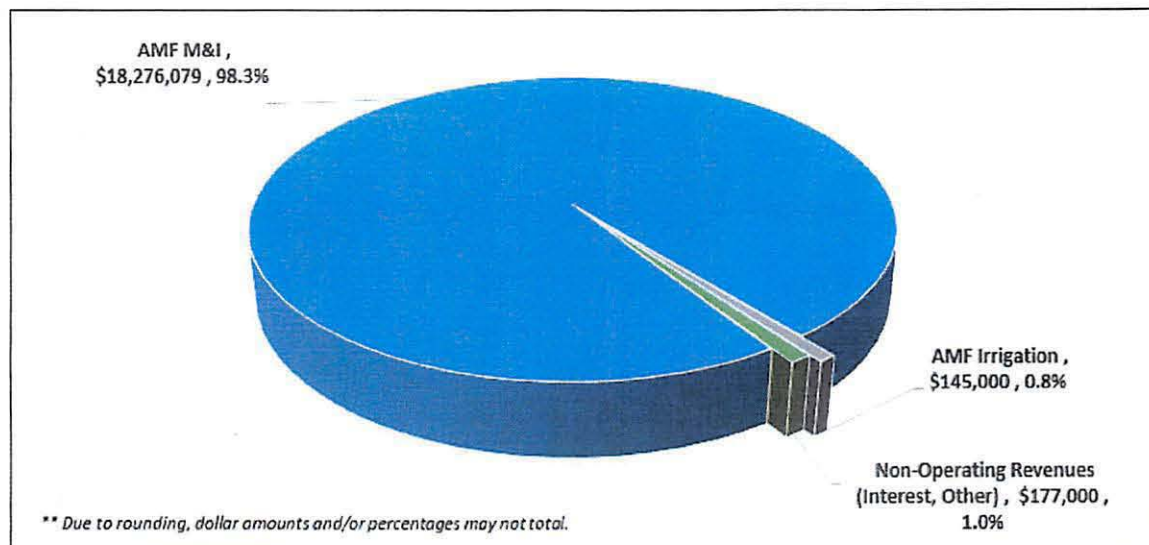
General Fund revenues are derived almost solely from the AMF charged to all groundwater withdrawal permit holders. By far, the largest source of EAA revenue is the AMFs paid by non-agricultural (Municipal and Industrial, or M&I) groundwater withdrawal permit holders. In 2020, the AMF rate changes from \$46 to \$50 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 98.3% of total General Fund revenues in 2020, based on the \$50 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 consists of interest income and miscellaneous income. These revenue sources, which represent about 1.0% of total General Fund revenue, are not expected to change materially, as interest rates decrease slightly and remain low, and miscellaneous income (including application fees) is relatively insignificant.

**Total Revenues by Source
2020**

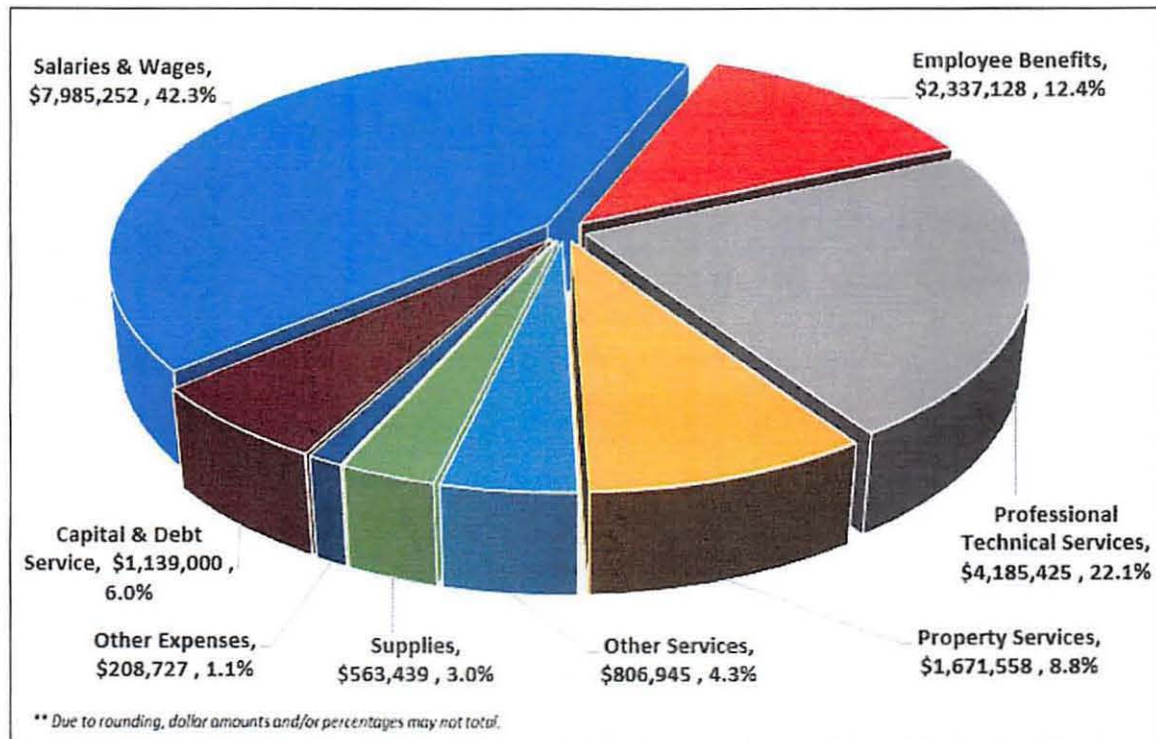


Expenses

This 2020 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 2020 total approximately \$18.9 million, representing a 3.1% increase from 2019. In 2020, approximately 55% of the budgeted General Fund expenses is associated with employee salaries and benefits. Another 22% is for professional and technical services. The remaining categories, which include expenses such as Conservation Grants, Building Debt Service, Supplies, Property Services, Capital Outlays, and Other Services, make up the remaining 23% 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 for *new* initiatives such as an 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 observation facility 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 for the region) are included, 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 2020 budget also includes a cost share agreement between EAA and the City of San Antonio (City) to cover expenses associated with the EAA's support of the City's Edwards Aquifer Protection Program. The 2020 budget includes a credit of \$175,000 in cost share reimbursement to be paid by the City to the EAA under this contract to offset some EAA costs associated with annual inspections of properties enrolled in the conservation easement program.

**Expenses by Category
2020**



General Fund Budget Highlights

Following is a list of Operating Expense highlights for 2020 that are over \$100,000, by project.

• Attorney services	\$600,000
• Elections	400,000
• USGS Data Collection	380,000
• Cost-of-living/Merit adjustments (incremental)	360,758
• Laboratory services	270,000
• Abandoned well closure/well logging assistance	257,000
• USGS Trinity-Edwards Aquifer mapping project	216,450
• Precipitation enhancement	163,000
• Field Research Observatory/Hydrologic budget studies	150,000
• Legislative services	150,000
• Interinformational flow studies	130,000
• Debt service (building note interest expense)	108,727
• Conservation grants	100,000
• Edwards Aquifer model support	100,000

Capital Budget and Debt Service

The 2020 General Fund operating expenses described above include a capital budget to fund those 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. (The budget includes a total of \$193,727 in debt service: \$108,727 represents the payment of interest, which is budgeted as an operating expense; \$85,000 is budgeted as a reduction in the note principal.) The 2020 Capital/Debt Service Budget is approximately 9% less than the 2019 Amended Capital/Debt Service Budget, with decreased expenditures related to office furniture/equipment and vacant lot improvements. Capital expenditures related to the *new* Education Outreach Center are included in the budget. Following is a list of the 2020 General Fund Operations Capital Budget highlights.

• Software database rebuild/data migration	\$250,000
• Education Outreach Center (Facility Improvements, A/V Equipment)	200,000
• Computer software (database management/data sharing/model updates)	160,000
• Computer hardware (server upgrades, other infrastructure)	135,000
• Computer hardware (modeling cluster)	100,000
• Water sampling/logging/monitoring equipment	80,000
• Debt service (building note principal)	85,000
• Vehicle & Off-Road Vehicle (1 replacement of each)	51,000
• Camden building improvements	50,000

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 2020 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 2019, 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 2020, this program budget includes \$257,000 to continue assisting qualifying well owners in closing their wells and with well logging.

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 operating expenses or capital purchases. At the end of 2019, the expectation is that this fund would have been expended in assisting permit holders replace and upgrade above ground storage tanks (ASTs) over the aquifer recharge zone to protect against possible contamination related to damaged or non-compliant ASTs. As such, the 2020 budget does not include budgeted expenses.

General Fund Operating Reserve

The 2020 budget assumes an ending operating reserve of \$3,839,846, which includes an undesignated portion of \$3,623,279. The ending operating reserve and undesignated operating reserve balances are 20.3% and 19.2%, respectively, of the 2020 budgeted expenses. The EAA's goal is to maintain a minimum undesignated reserve balance of 15% of budgeted expenses for any given fiscal year. However, 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 AMF rate from year to year. The operating reserve is evaluated each year and, based on future anticipated needs, may move closer to the 15% goal. It should be noted that this reserve will fluctuate as actual revenues and expenses vary throughout the year.

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.

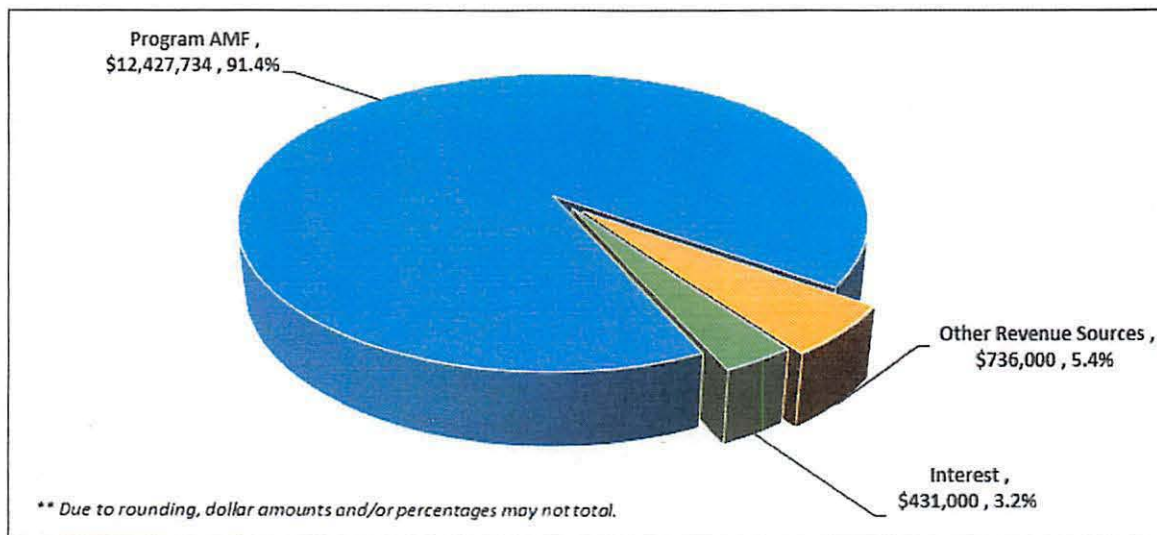
The 2020 EAHCP budget includes approximately \$13.6 million in revenue and \$14.1 million in expenses, resulting in a Net Loss of \$.5 million, before depreciation, and will require the use of EAHCP reserves from prior years. Possible utilization of reserves to cover operating expenses is considered 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 2020, the EAHCP budget is less than Table 7.1 by \$3,253,977.

	Amended Budget	Adopted Budget		Percent
	FY2019	FY2020	Variance	Variance
Revenues				
Operating Revenues	\$ 14,703,233	\$ 13,163,734	\$ (1,539,499)	-10.5%
Non-Operating Revenues	313,100	431,000	117,900	37.7%
Total Revenues	\$ 15,016,333	\$ 13,594,734	\$ (1,421,599)	-9.5%
Expenses				
Capital Expenses	\$ 43,000	\$ 28,500	\$ (14,500)	-33.7%
Operating Expenses	19,413,802	14,055,120	(5,358,682)	-27.6%
Total Expenses	\$ 19,456,802	\$ 14,083,620	\$ (5,373,182)	-27.6%
Net Income/(Loss)				
(Before Depreciation)	\$ (4,440,469)	\$ (488,886)	\$ 3,951,583	

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 2020. The program AMF is \$34 per acre-foot for 2020, a decrease of \$4 per acre-foot from 2019. In addition to revenue collected through the assessment of program AMFs, the 2020 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 \$736,000 in 2020.

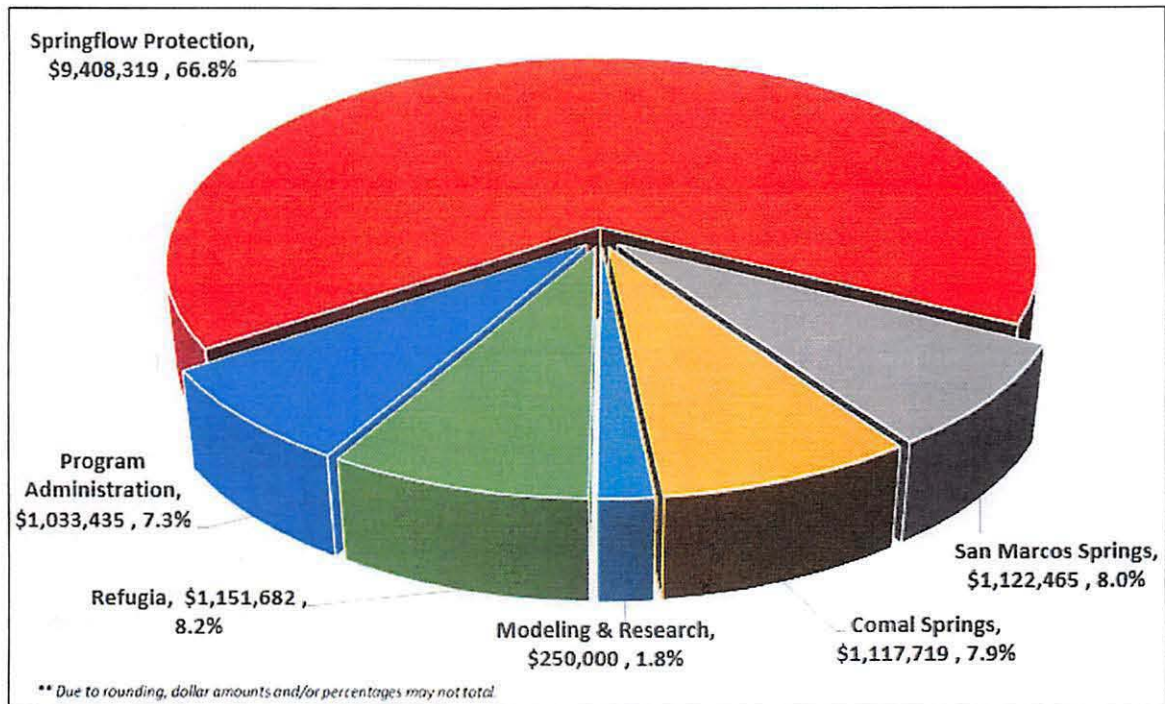
**Total Revenues by Source
2020**



EAHCP Expenses

The 2020 EAHCP Fund budget totals approximately \$14.1 million, a 27.6% decrease from the amended 2019 budget. This budget will fund the conservation measures mentioned below. The Springflow Protection conservation measures account for about 66.8% of the EAHCP budget. A major conservation measure is the Voluntary Irrigation Suspension Program Option (VISPO), which is triggered when aquifer levels decline to a certain critical level. Based on current aquifer conditions, suspension payments related to VISPO will not be made in 2020. As such, the 2020 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 ASR for storage and use during a drought of record. The budget includes \$6.3 million for 2020 ASR lease and forbearance payments, as well as, reimbursement of SAWS associated ASR operational costs. Another Springflow conservation measure is the Regional Water Conservation Program. The budget also includes a final payment of \$.6 million for payment to SAWS in support of a leak repair program that is estimated to conserve approximately 20,000 acre-feet over the term of the EAHCP. The remaining 33.2% of the EAHCP budget will fund various activities and work plans to be implemented by the signatories to the plan during 2020: 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 2020



EAHCP Reserves

The 2020 budget assumes an EAHCP ending reserve balance of \$28.2 million. The EAA's goal is to maintain a minimum EAHCP ending reserve balance of \$26.4 million for any given fiscal year. This minimum reserve balance is intended to fund portions of drought-specific triggers associated with ASR and VISPO springflow protection measures. As discussed previously with the Board, this minimum reserve may be adjusted through a review process as budget requirements change. It should be noted, however, that this reserve balance will fluctuate as actual revenues and expenses vary throughout the year. Section 7.1 of the Habitat Conservation Plan identifies a reserve cap of no more than \$46 million.

Summary

In conclusion, I am confident that this budget for 2020 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	December 1, 2020
District 3	Abelardo A. Salinas	December 1, 2022
District 4	Ben Youngblood, Vice-Chairman	December 1, 2020
District 5	Ron Ellis, Treasurer	December 1, 2022
District 6	Deborah Carington	December 1, 2020
District 7	Enrique Valdivia, Secretary	December 1, 2022
Comal County		
District 8	Kathleen Tobin Krueger	December 1, 2020
Comal & Guadalupe Counties		
District 9	Ron Walton, Sr.	December 1, 2022
Hays County		
District 10	Patrick Stroka	December 1, 2020
Hays & Caldwell Counties		
District 11	Rachel Allyn Sanborn	December 1, 2022
Medina County		
District 12	Scott Yanta	December 1, 2020
Medina & Atascosa Counties		
District 13	Luana Buckner, Chairman	December 1, 2022
Uvalde County		
District 14	Don Laffere	December 1, 2020
District 15	Rader Gilleland	December 1, 2022
South Central Texas Water Advisory Committee Representative		
	Gary Middleton	December 1, 2020
Medina/Uvalde County Representative (<i>appointed by Commissioner's Court</i>)		
	Clark Ward	December 1, 2020

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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, 2020 through December 31, 2020. 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 FY2020.

The budget document is divided into seven sections: Introduction, Budget Overview, Financial Overview, Department Detail, Capital Budget/Plan, Strategic Plan 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 a 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.

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 Budget

This section details a description of the various capital projects planned for the next fiscal year.

Appendices

This section includes a copy of the Strategic Plan, a copy of the authorizing resolution, a copy of the amortization schedule and a glossary of terms used throughout this document.

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BUDGET OVERVIEW

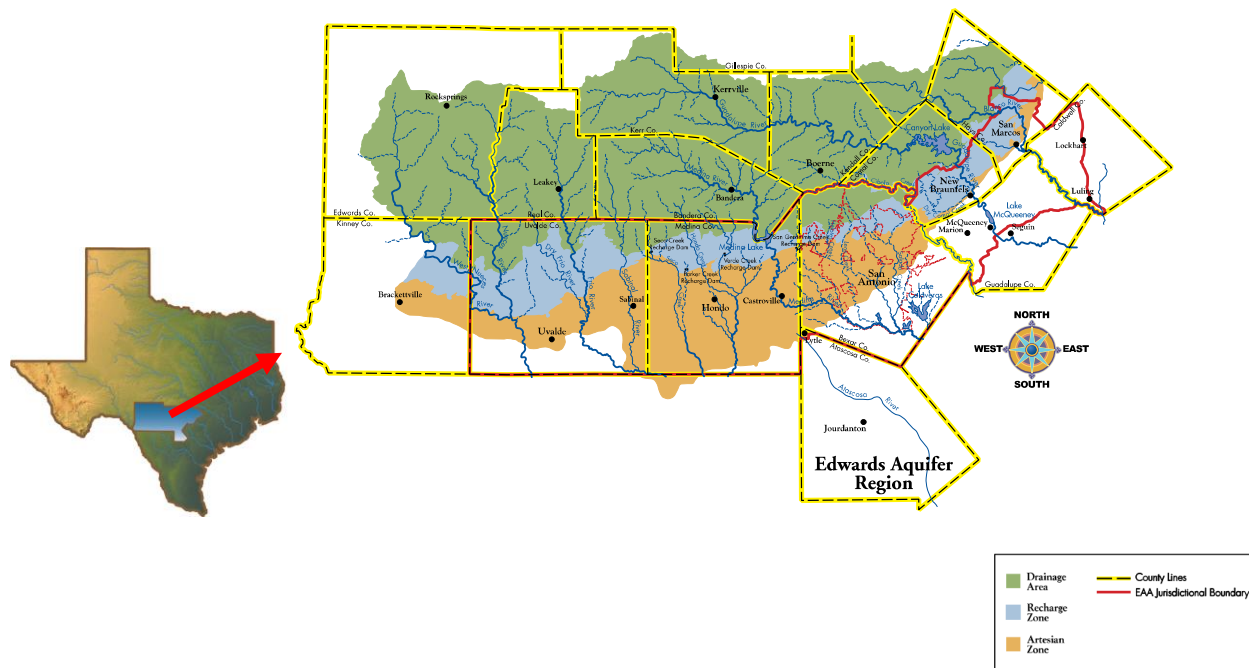
Introduction

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.

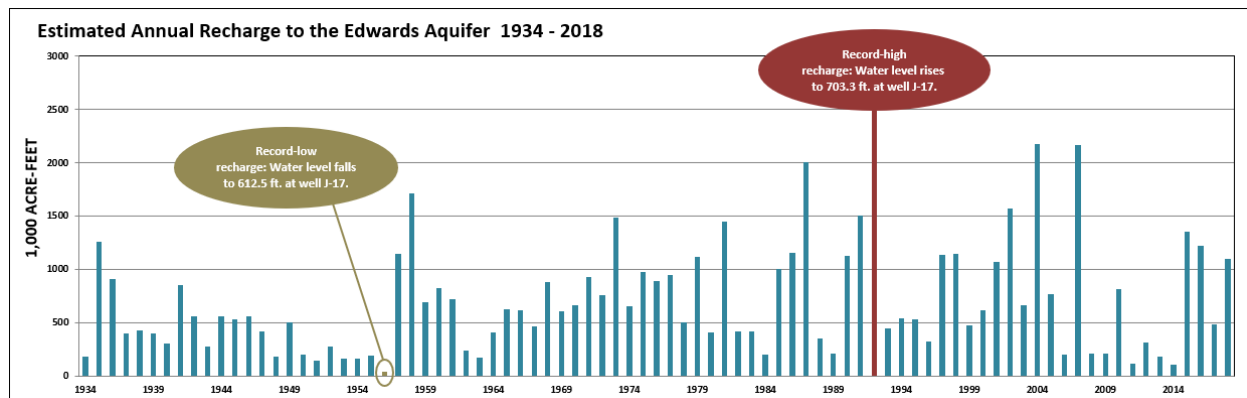
Segments of the Edwards Aquifer

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.

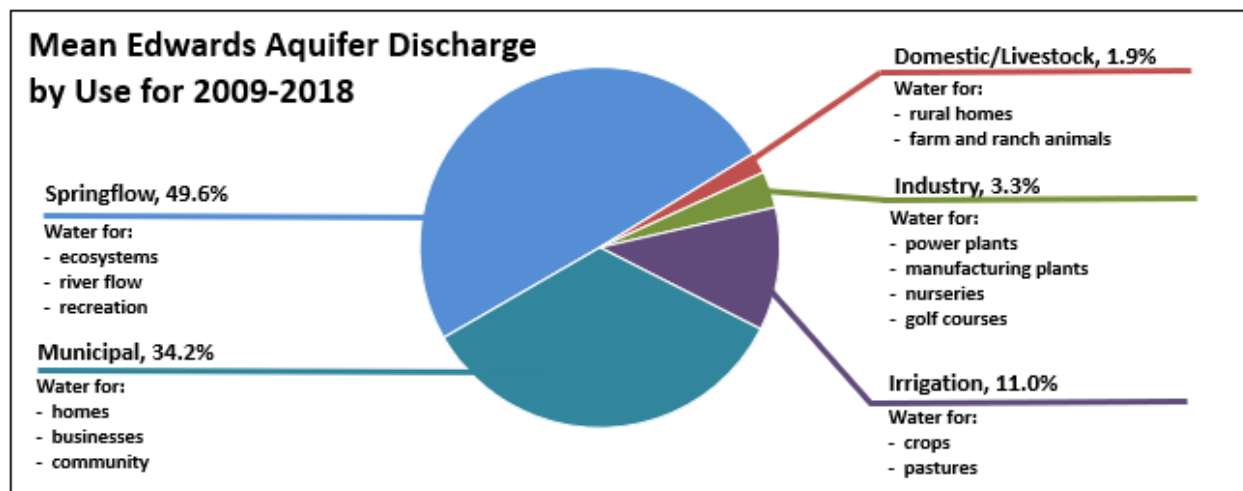
In the Artesian Zone, water flows underground generally from west to east through the Edwards Limestone. Within the limestone exists an intricate network of interconnected voids that vary in size from microscopic up to several feet in diameter. These voids are filled with water that is under artesian 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 2018 (period of record), the average amount of recharge was 708,553 acre-feet per year. However, the actual amount of recharge to the aquifer can vary greatly from year to year. In 2018, the estimated amount of recharge was 1,100,000 acre-feet, which is above the period of record average and above the ten year historical average of 590,600 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 percent 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.

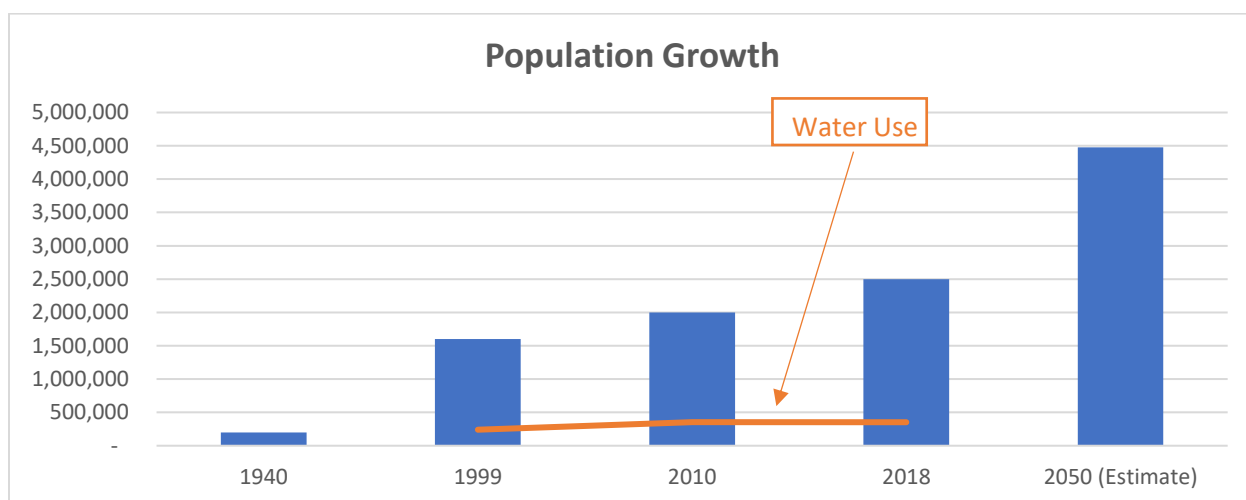
Eight species that live within the Edwards Aquifer ecosystem have been designated as either threatened or endangered by the United States Fish and Wildlife Service. A species receives this designation because its habitat is limited and in danger of decline or deterioration, or the species is in danger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

On March 18, 2013, the United States Fish & Wildlife Service 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 General Operations 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 2010 U.S. Census, that number grew to approximately 2 million people - 10 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.



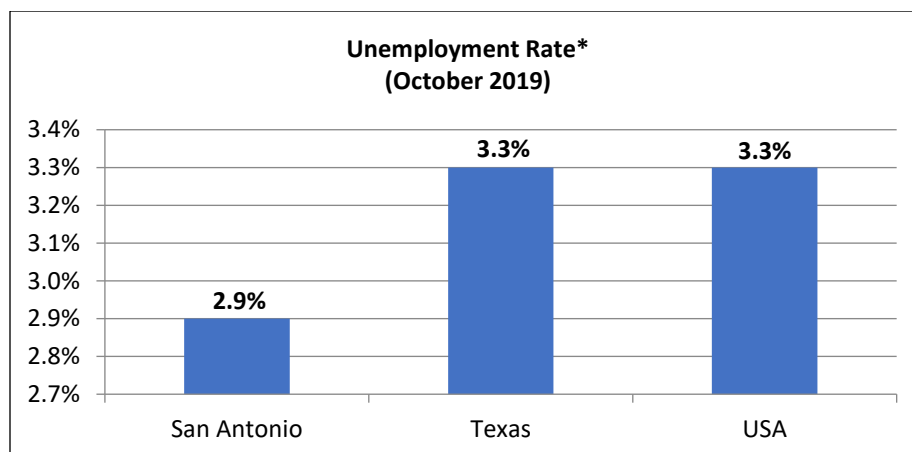
Source: Texas Demographic Center, U.S. Census Bureau

Today, the amount of groundwater that can be withdrawn from the aquifer is limited by the Act. In 1999, the EAA began a permit program to manage the amount of water that can be pumped from the aquifer. By 2018, records show that while the region's population increased 56.3%, permitted pumpers only withdrew 46.5% 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. 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

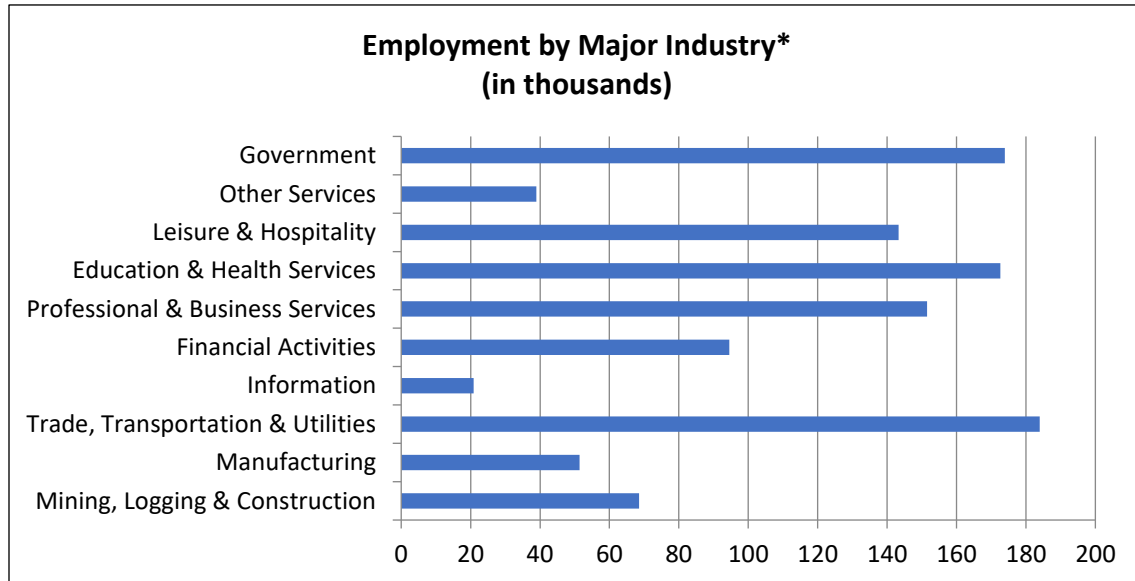
The following pages contain selected economic, social, housing and demographic characteristics for the City of San Antonio, the largest metropolitan area served by the Edwards Aquifer Authority. Statistics were provided through the Texas Labor Market Information and U.S. Census Bureau websites with the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

As of October 2019, the unemployment rate for San Antonio is 2.9%, which is below the unemployment rate of 3.3% for the State and below the national rate of 3.3%.



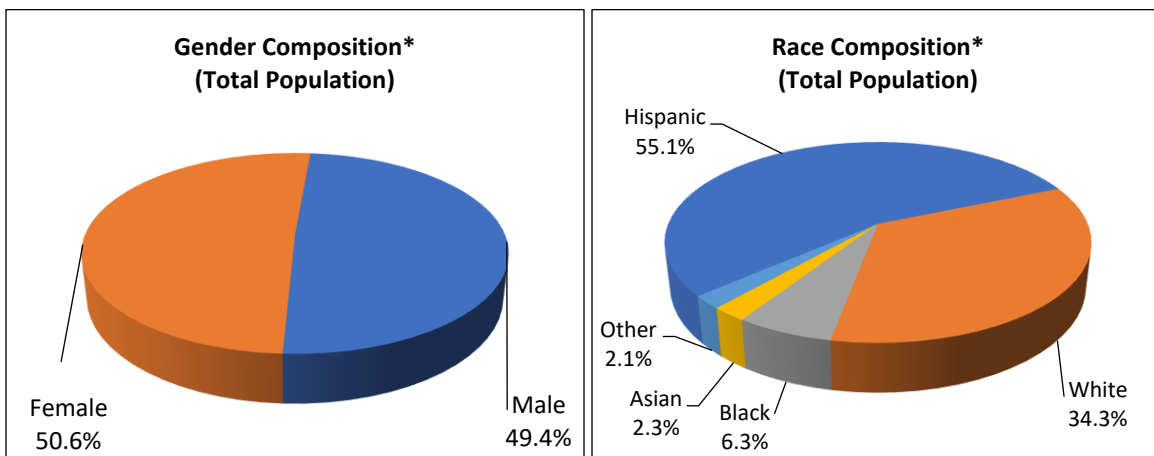
*Source: Labor Market and Career Information Department

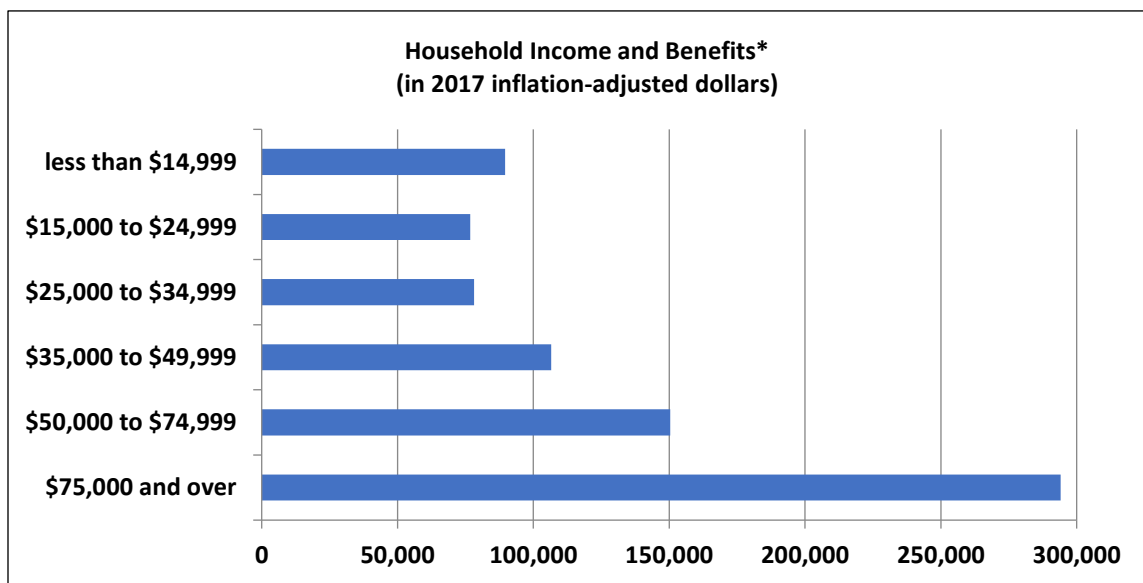
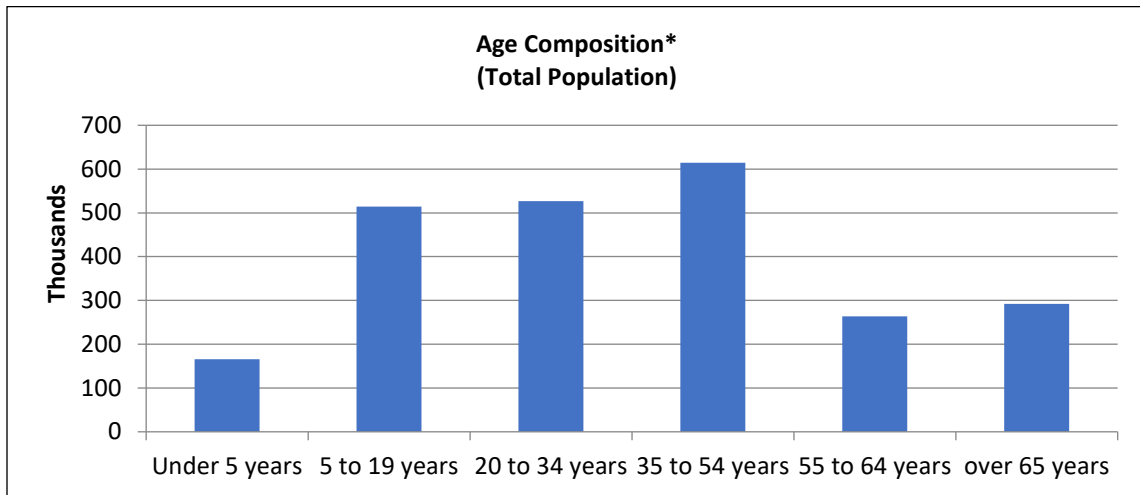
The San Antonio economy is predominately based on the following sectors: trade, transportation & utilities; government; education/health services; tourism; and business/financial services. By far, the largest employer in the area is the Military, employing approximately 64,967 direct personnel, including civilian-related employment. Active military installations include Joint Base San Antonio and Brooks City-Base (formerly Brooks Air Force Base).



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

The gender, race and age compositions of the San Antonio MSA are presented below, as well as household income, presented in 2017 inflation adjusted dollars.





*Source: U.S. Census Bureau

Governance

The EAA is a political subdivision of the State of Texas and 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.

2020 Budget Assumptions

This budget will provide funding for the EAA programs that support our 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 2020 budget:

- Two distinct programmatic funds supported: General Operations Fund and an EACHP Fund
- Maintain a stable, unchanged total combined fee amount charged to permit holders
- No debt incurred to meet the 2020 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 notable expenditures include:
 - Software Database rebuild & data migration that supports the EAA's regulatory and scientific goals
 - Education Outreach Center (Facility Improvements, A/V Equipment)
 - Computer Hardware (server upgrades, other infrastructure)
 - Computer Software (database management/data sharing/model updates)
 - Water Sampling and Monitoring Equipment
 - One vehicle and one off-road vehicle (one replacement of each) in support of increased site visits related to amended water quality rules and 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 (CAFR) is developed in accordance with generally accepted accounting principles (GAAP) using the accrual basis of accounting as well.

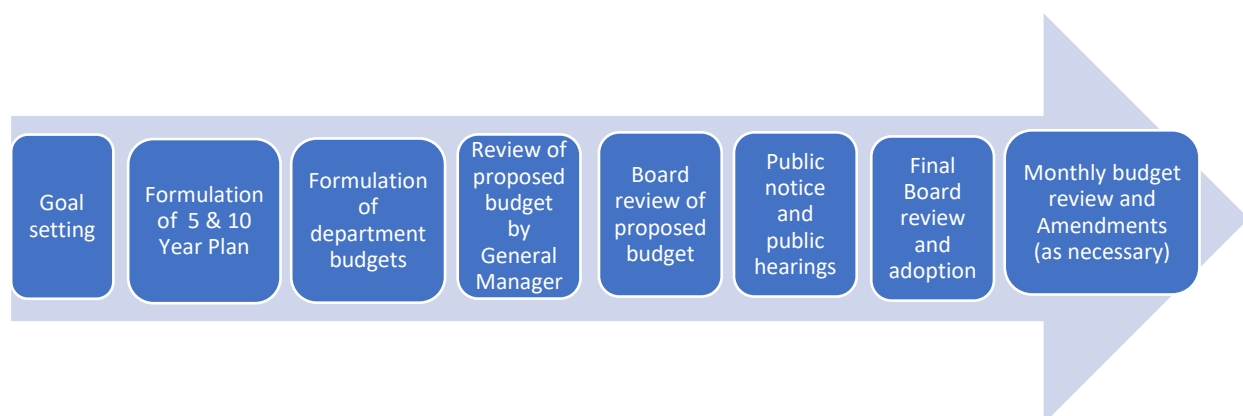
A Glossary is included as Appendix D in this document which provides definitions of various terms used throughout the budget document.

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 2020 budget on November 12, 2019. The EAA's planning and budget development schedule is generally a seven-month process.

May – June	<ul style="list-style-type: none"> -Development of the 5-year financial plan template for input -Meet with General Manager and executive staff -Finalize 5-year plan and extend to 10-year plan for review/consideration at Board
July – September	<ul style="list-style-type: none"> -Development of the next year budget, using 5-year plan 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	<ul style="list-style-type: none"> -Public hearing on annual budget -Final Budget prepared for Board consideration
November	<ul style="list-style-type: none"> -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 2016 - 2021 is included as Appendix A in this document.

Formulation of 5 & 10 Year Plan

Consistent with the goals of the EAA, executive staff establishes a long-term plan to support the goals of the strategic and operational plan. The budget planning process begins with the development of the Financial Plan (Plan) 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 plan is extended to a 10-year plan in order to provide a long range view of possible rate impacting decisions. The 5-year Plan becomes the primary planning document for the General Manager’s Proposed Budget.

Formulation of the Departmental Budget

Using the Plan 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 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 which are 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 FWS as part of the ITP. Therefore, Net Position related to the EAHCP Fund are Restricted and reported separately.

Investment Policy

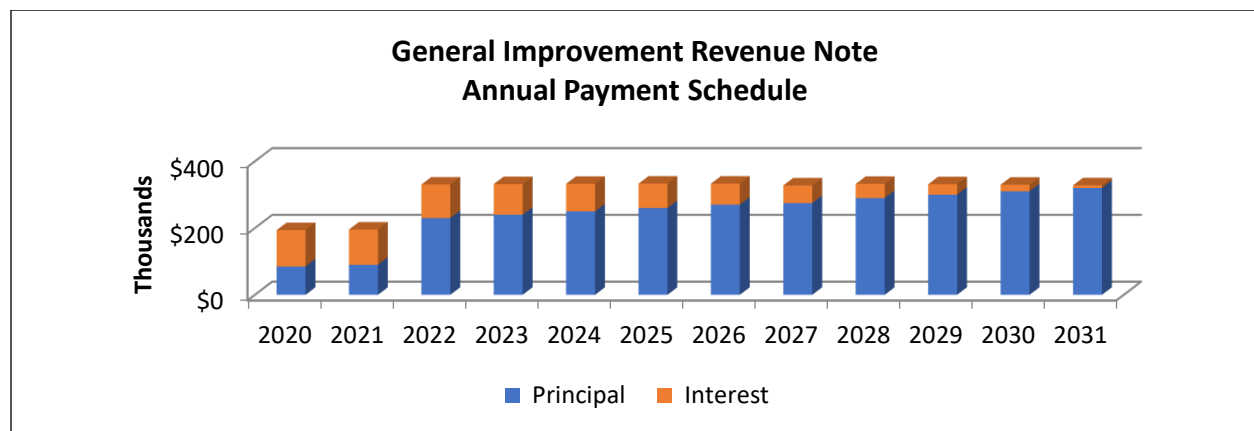
The EAA recognizes that an effective investment policy is an essential element of sound fiscal management. The EAA's investment policy is reviewed and approved annually by the Board of Directors as required by the Public Funds Investment Act of the State of Texas as well as the EAA Bylaws. The investment 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 issued a 20-year general improvement revenue note 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. A total of \$193,727 in debt service payments of principal and interest of \$85,000 and \$108,727, respectively, has been appropriated for 2020. 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 will 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 2020. 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 2020 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 never 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 EAA's goal is to maintain a minimum *undesignated* reserve balance of 15% of budgeted expenses in reserve for any given fiscal year. The 2020 projected year-end operating reserve balance for the EAA General Operations Fund is expected to be \$3,839,846, of which \$3,623,279 is undesignated reserve and equals approximately 19.2% 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. The operating reserve is evaluated each year and, based on future anticipated needs, may move closer to the 15% goal. It should be noted, however, that even within a particular year this reserve will fluctuate as actual revenues and expenses vary. As previously mentioned in this document, each year the Board reviews the 5 and 10 year plan 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 EACHP must ensure that adequate funds are available for implementation of the EACHP 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 \$28,250,221.

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.

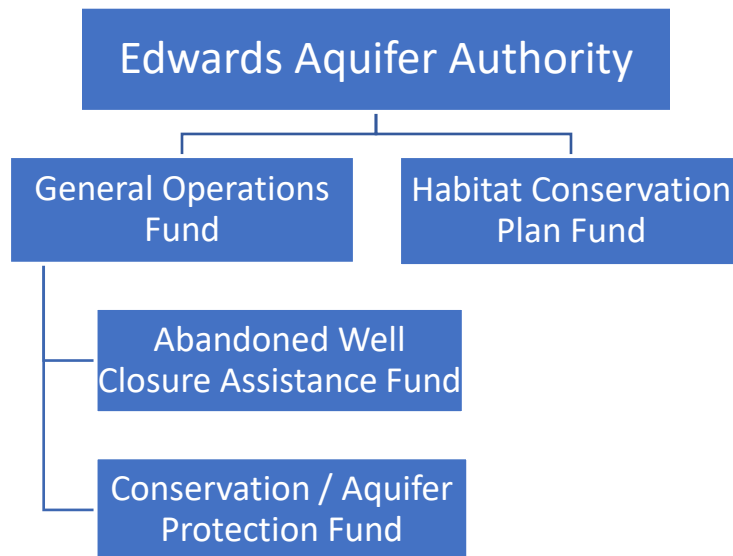
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FINANCIAL OVERVIEW

Financial Summary Overview

This budget provides funding for Edwards Aquifer Authority (EAA) programs that support our 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 \$50 per acre-foot; and an EAHCP Fund, supported by revenues generated through the assessment of a \$34 per acre-foot program aquifer management fee. Combined, this \$33 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:



The following schedules provide a 2020 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.

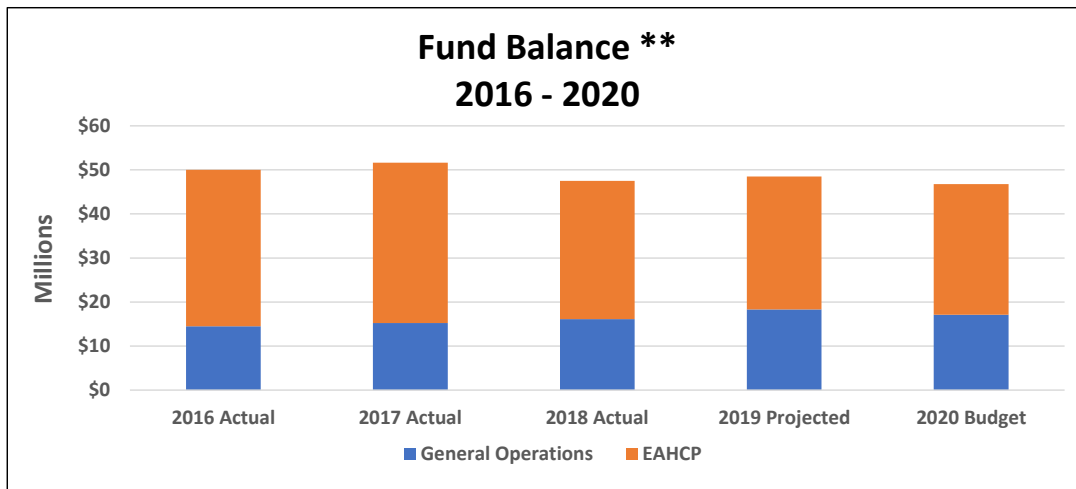
**Edwards Aquifer Authority
2020 Adopted Operating Budget**

Fund Summary: General and Habitat Conservation Plan

	GENERAL	EAHCP	TOTAL
<i>Aquifer Management Fees, per Acre-Foot:</i>			
<i>Non-Agricultural (AMF/Program AMF)</i>	\$ 50.00	\$ 34.00	\$ 84.00
<i>Agricultural</i>	\$ 2.00	\$ -	\$ 2.00
REVENUES			
Interest	\$ 152,000	\$ 431,000	\$ 583,000
Aquifer Management Fees	18,276,079	-	18,276,079
Program Aquifer Management Fees	-	12,427,734	12,427,734
Aquifer Management Fee (Agricultural)	145,000	-	145,000
Miscellaneous	25,000	736,000	761,000
Subtotal Revenues	18,598,079	13,594,734	32,192,812
EXPENSES			
Salaries & Wages	7,985,252	498,347	8,483,599
Employee Benefits	2,337,128	157,088	2,494,216
Professional Technical Services	4,185,425	13,315,185	17,500,610
Property Services	1,671,558	1,500	1,673,058
Other Services	806,945	55,500	862,445
Supplies	563,439	27,500	590,939
Other Expenses	208,727	-	208,727
Capital	1,139,000	28,500	1,167,500
Subtotal Expenses	18,897,474	14,083,620	32,981,094
Net Income (Loss) Before Depreciation	(\$299,395)	(488,886)	(\$788,282)

**Edwards Aquifer Authority
Projected Fund Balance
2020**

	GENERAL	EAHCP	TOTAL
<i>AMF/Program AMF, per Acre-Foot:</i>	\$ 50.00	\$ 34.00	\$ 84.00
REVENUES			
Interest	\$ 152,000	\$ 431,000	\$ 583,000
Aquifer Management Fees	18,276,079	-	18,276,079
Program Aquifer Management Fees	-	12,427,734	12,427,734
Aquifer Management Fee (Agricultural)	145,000	-	145,000
Miscellaneous	25,000	736,000	761,000
Subtotal Revenues	18,598,079	13,594,734	32,192,812
EXPENSES			
Salaries & Wages	7,985,252	498,347	8,483,599
Employee Benefits	2,337,128	157,088	2,494,216
Professional Technical Services	4,185,425	13,315,185	17,500,610
Property Services	1,671,558	1,500	1,673,058
Other Services	806,945	55,500	862,445
Supplies	563,439	27,500	590,939
Other Expenses	208,727	-	208,727
Capital	1,139,000	28,500	1,167,500
Depreciation	900,000	49,000	949,000
Subtotal Expenses	19,797,474	14,132,620	33,930,094
Net Income (Loss)	\$ (1,199,395)	\$ (537,887)	\$ (1,737,282)
Projected Fund Balance, January 1, 2020 *	\$ 18,295,773	\$ 30,209,716	\$ 48,505,489
Projected Fund Balance, December 31, 2020	\$ 17,096,378	\$ 29,671,829	\$ 46,768,207

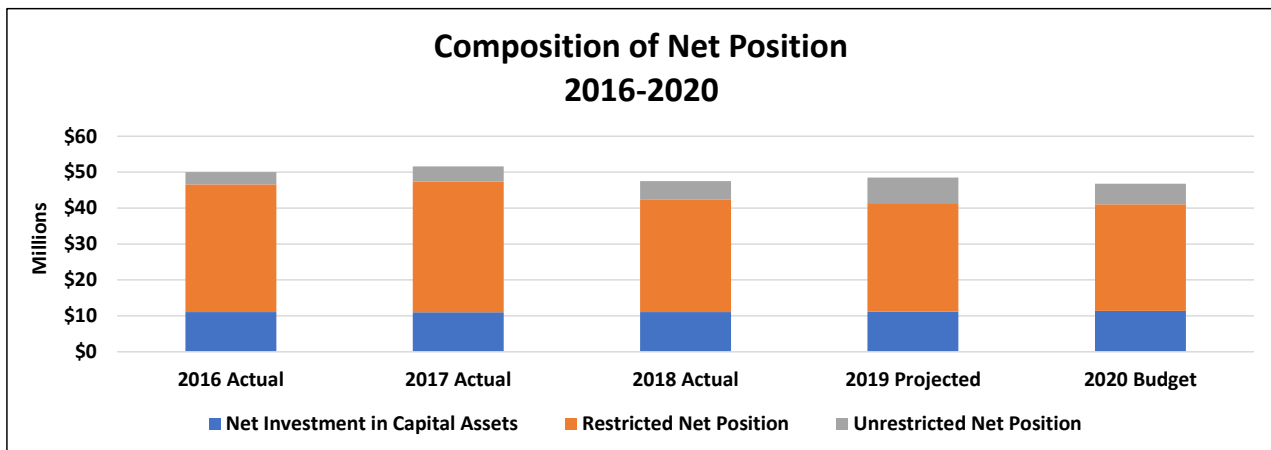


* Updated from November 12, 2019 adopted budget to reflect unaudited year-end balances.

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

Edwards Aquifer Authority
Projected Composition of Fund Balance (Net Position)
2020

Projected Net Position, Beginning of Year *	\$	48,505,489
Net Income/(Loss) before Depreciation	\$	(788,282)
Depreciation		<u>(949,000)</u>
Net Income/(Loss) after Depreciation	\$	(1,737,282)
Projected Net Position, End of Year		<u><u>\$ 46,768,207</u></u>



	2016	2017	2018	2019 *	2020
Net Position					
Net Investment in Capital Assets	\$ 11,094,409	\$ 10,992,699	\$ 11,083,303	\$ 11,167,995	\$ 11,406,995
Restricted Net Position	35,512,979	36,416,942	31,354,603	30,209,716	29,671,829
Unrestricted Net Position	3,403,909	4,220,911	5,052,465	7,127,778	5,689,383
Total Net Position	<u>\$ 50,011,297</u>	<u>\$ 51,630,552</u>	<u>\$ 47,490,371</u>	<u>\$ 48,505,489</u>	<u>\$ 46,768,207</u>

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

* Updated from November 12, 2019 adopted budget to reflect unaudited year-end balances.

General Operating Fund

Revenue Summary

Funding for EAA General Fund program comes primarily from an aquifer management fee assessed on permitted agricultural and non-agricultural users of Edwards Aquifer groundwater. The 2020 aquifer management fee for non-agricultural (M&I) users, assessed on the total groundwater authorized for use in 2020, increased from the 2019 rate of \$46 per acre-foot to \$50. Revenue derived from the non-agricultural aquifer management fees represent 98.3% of the total budgeted EAA General Fund revenue for 2020.

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 less than 1% of total EAA General Fund revenue.

Miscellaneous funding sources account for the remaining 1% of EAA budget General Fund revenue in 2020. Revenue in this category includes interest earnings and delinquent property tax collections.

Below is a summary of the budget and rate trends since 2011.

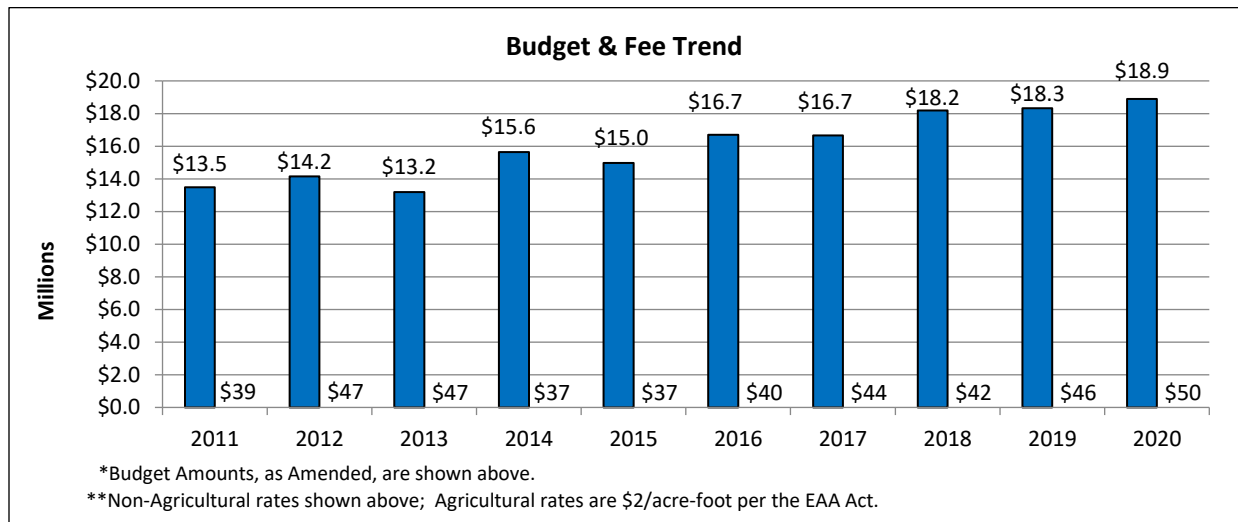
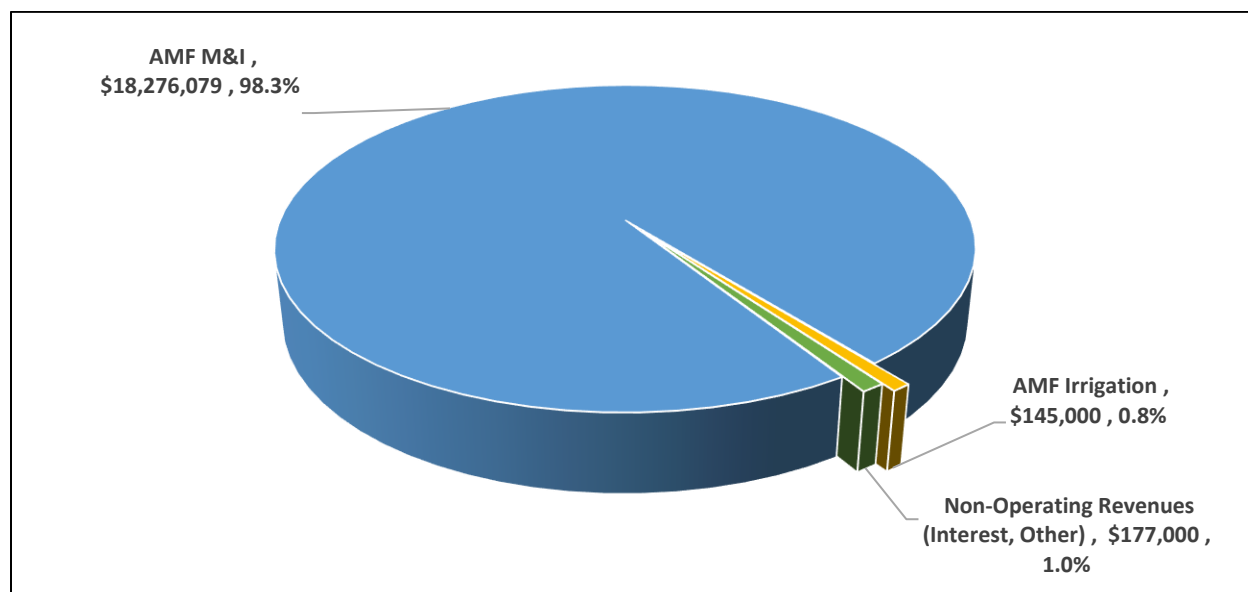


Figure 1 shows how the various revenue sources make up the EAA's total revenue for 2020.

FIGURE 1
2020 General Fund Revenue
(by Source)



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 \$18.9 million for 2020.

Salaries and Wages total \$7.9 million and 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. Salaries and Wages account for 42.3% of the total budgeted operating expenses. Employee Benefits total \$2.3 million and include items such as employer contributions to retirement, FICA, and insurance premiums. Employee benefits account for 12.4% of the budgeted operating expenses.

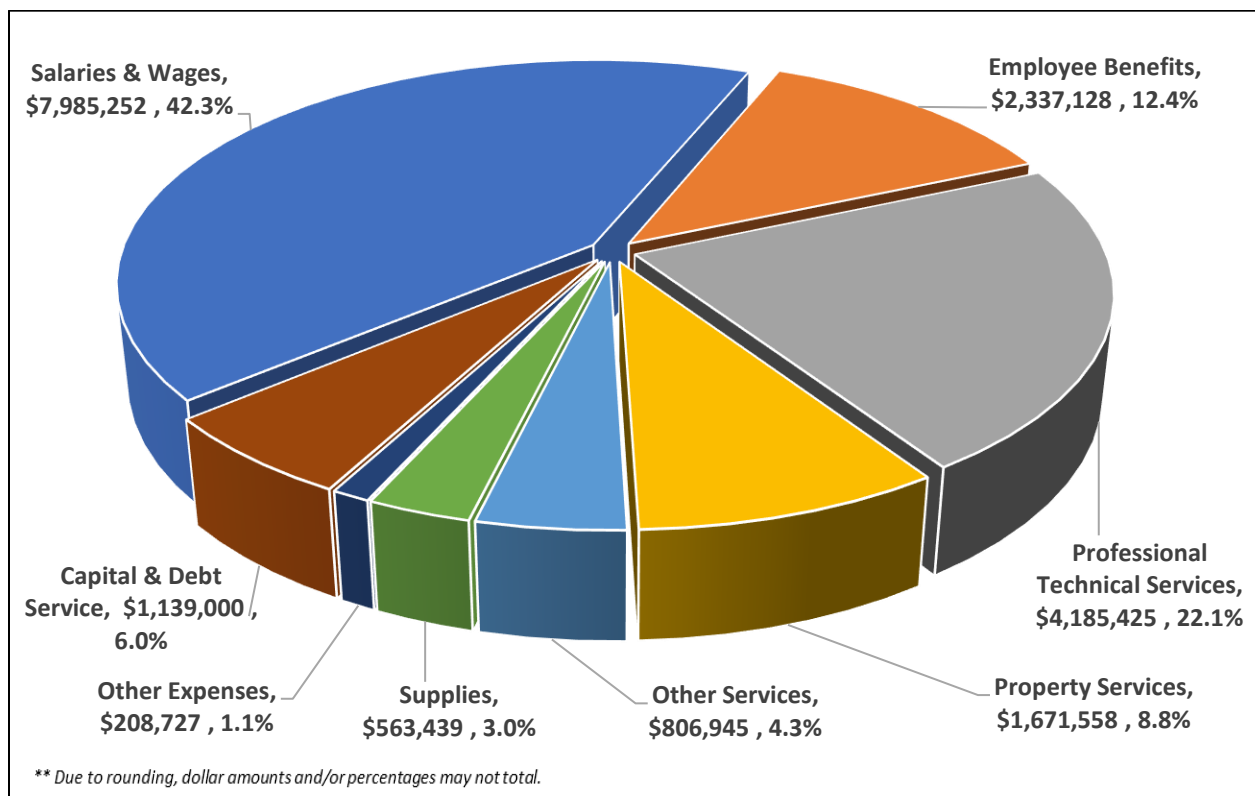
Professional Technical Services total \$4.2 million and include services such as consultation, analysis, evaluation, planning, or recommendation, and result in the production of a report or the completion of a task. Professional Technical Services account for 22.1% of the total budgeted operating expenses.

Property Services total \$1.7 million and include items such as utilities and maintenance. Property Services account for 8.8% of the total budgeted operating expenses. Other Services total \$0.8 million and include items such as printing, telecommunications, notices and training. Other Services account for 4.3% of the total budgeted operating expenses. Supplies total \$0.6 million and include such items as fuel, postage, and promotional/educational items. Supplies account for 3% of the total budgeted operating expenses. Other Expenses total \$0.2 million and include items such as conservation grants and debt interest

payments. Other Expenses account for 1.1% of the total budgeted operating expenses. Capital and debt service (principal) total \$1.1 million or 6%, of total budgeted operating expenses.

Figure 2 shows the major expense categories of the EAA's total General Fund expenses for 2020.

FIGURE 2
2020 General Fund Expenses
(by Major Category)



**Edwards Aquifer Authority
2020 Adopted Operating Budget**

Fund Summary: General

	2018 Actual	2019 Amended	2019 Estimated	2020 Adopted
<i>Aquifer Management Fees, per Acre-Foot:</i>				
<i>Non-Agricultural</i>	\$ 42.00	\$ 46.00	\$ 46.00	\$ 50.00
<i>Agricultural</i>	\$ 2.00	\$ 2.00	\$ 2.00	\$ 2.00
 REVENUES				
Interest	\$ 173,319	\$ 76,300	\$ 200,000	\$ 152,000
Aquifer Management Fees	15,358,997	16,907,703	16,801,603	18,276,079
Aquifer Management Fee (Agricultural)	165,734	145,000	145,000	145,000
Miscellaneous	218,399	15,000	25,000	25,000
Subtotal Revenues	15,916,449	17,144,003	17,171,603	18,598,079
 EXPENSES				
Salaries & Wages	6,775,139	7,624,494	7,624,494	7,985,252
Employee Benefits	2,320,236	2,510,306	2,510,305	2,337,128
Professional Technical Services	3,551,532	4,176,254	4,136,298	4,185,425
Property Services	815,742	1,225,553	1,042,453	1,671,558
Other Services	436,431	731,035	717,412	806,945
Supplies	400,254	497,283	497,062	563,439
Other Expenses	343,225	311,923	311,923	208,727
Capital	927,008	1,244,881	1,244,881	1,139,000
Subtotal Expenses	15,569,567	18,321,728	18,084,827	18,897,474
 Net Income (Loss) Before Depreciation	\$346,882	(\$1,177,725)	(\$913,224)	(\$299,395)

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 2020. The 2020 EAHCP program aquifer management fee rate is \$34 per acre-foot, a decrease of \$4 per acre-foot from 2019. As mentioned previously, the EAA was able to maintain the total fee rate of \$84 per acre-foot (when combined with the \$50 per acre-foot rate discussed as part of the General Fund earlier).

In addition to revenue collected through the assessment of program aquifer management fees, the 2020 EAHCP Program budget includes pledged revenue from other entities. Seven organizations -- Guadalupe Blanco River Authority, Union Carbide, City Public Service Energy, San Antonio River Authority, City of Victoria, 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 \$736,000 in 2020.

Below is a summary of the budget and rate trends since 2012 when the EAA began assessing program aquifer management fees.

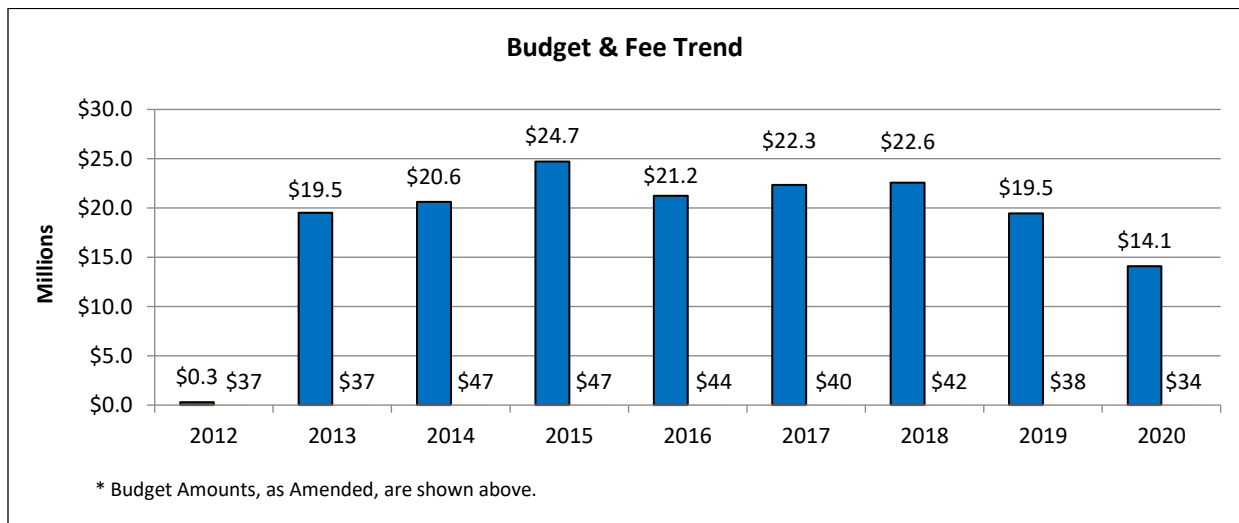
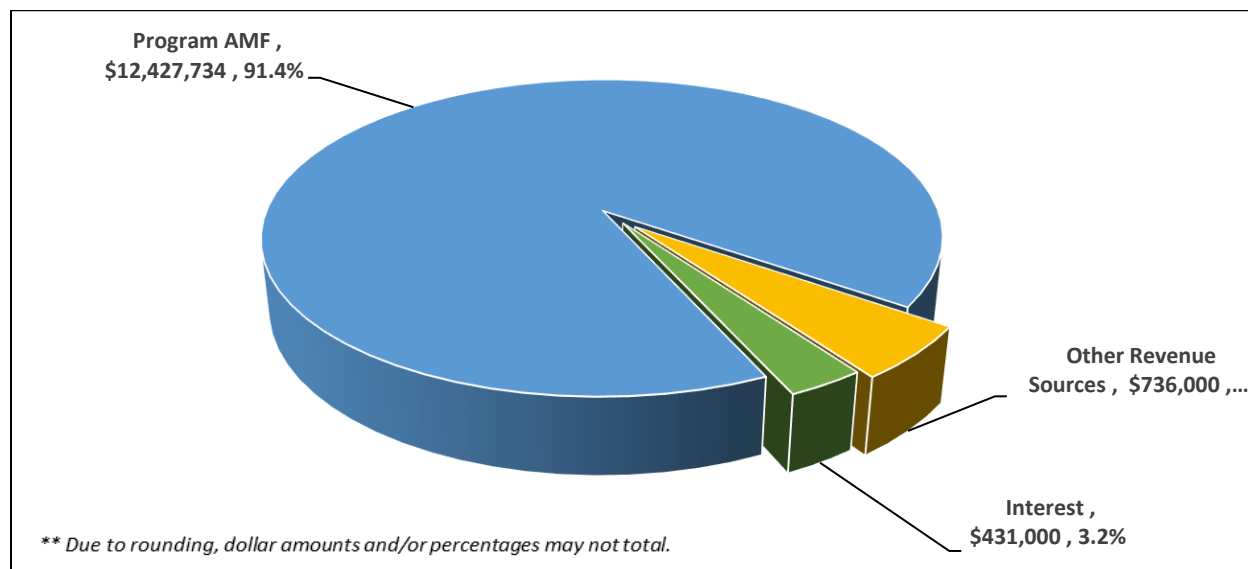


Figure 3 shows how the various revenue sources make up the EAHCP's total revenue for 2020.

FIGURE 3
2020 EAHCP Revenue
(by Source)

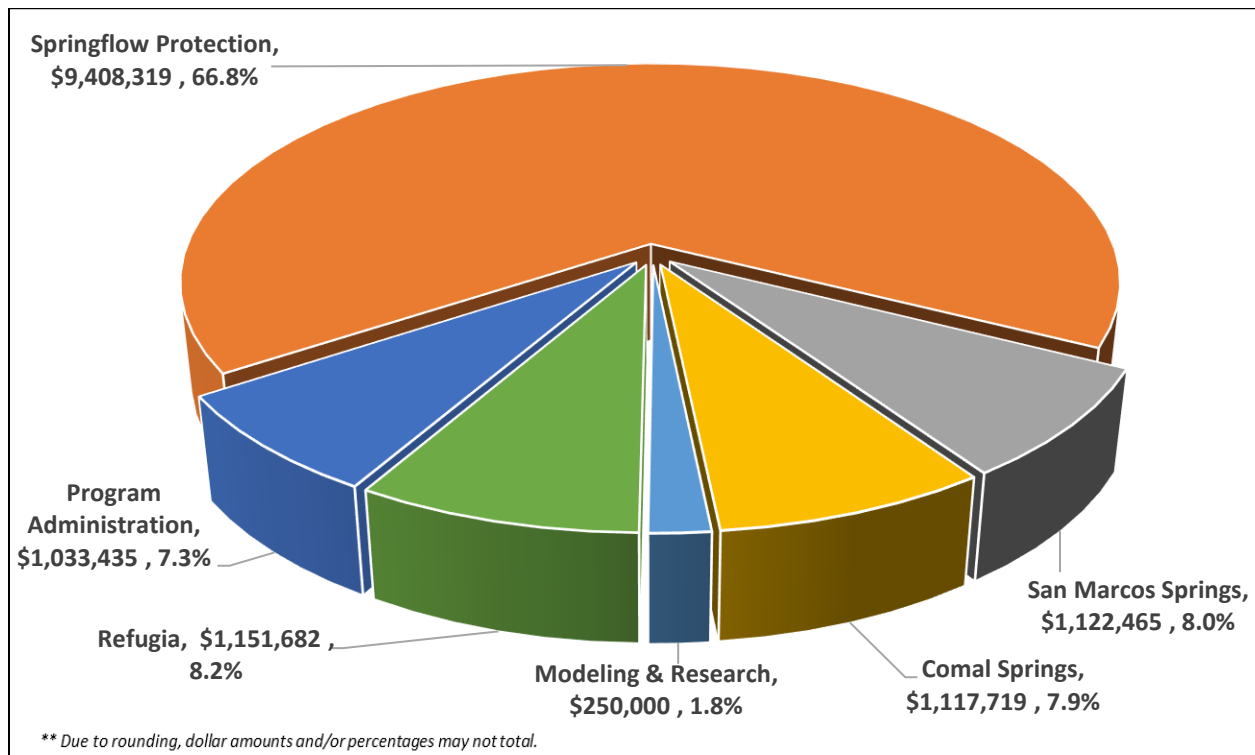


Expense Summary

The 2020 budget includes \$14.1 million, to fund the 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. Similarly, the budget includes funding to support the use of the San Antonio Water System's aquifer storage and recovery (ASR) project as an EAHCP conservation measure that involves the acquisition and injection of Edwards groundwater into the ASR for use during a drought of record. A significant 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 2020.

Figure 4 shows a breakdown by measure/activity for 2020.

FIGURE 4
2020 EAHCP Fund Expenses
(by Measure)



**Edwards Aquifer Authority
2020 Adopted Operating Budget**

Fund Summary: Habitat Conservation Plan

	2018 Actual	2019 Amended	2019 Estimated	2020 Adopted
<i>Aquifer Management Fees, per Acre-Foot: Non-Agricultural</i>	\$ 42.00	\$ 38.00	\$ 38.00	\$ 34.00
REVENUES				
Interest	\$ 613,786	\$ 313,100	\$ 650,000	\$ 431,000
Program Aquifer Management Fees	15,358,459	13,967,233	13,879,585	12,427,734
Miscellaneous	761,694	736,000	736,000	736,000
Subtotal Revenues	16,733,939	15,016,333	15,265,585	13,594,734
EXPENSES				
Salaries & Wages	340,658	520,567	520,567	498,347
Employee Benefits	144,602	180,962	180,962	157,088
Professional Technical Services	20,747,071	18,662,558	17,084,752	13,315,185
Property Services	2,359	1,515	1,000	1,500
Other Services	26,759	33,200	32,800	55,500
Supplies	21,415	15,000	18,000	27,500
Other Expenses	7,967	-	-	-
Capital	16,510	43,000	43,000	28,500
Subtotal Expenses	21,307,341	19,456,802	17,881,081	14,083,620
Net Income (Loss) Before Depreciation	(\$4,573,402)	(\$4,440,469)	(\$2,615,496)	(\$488,886)

5-Year Plan

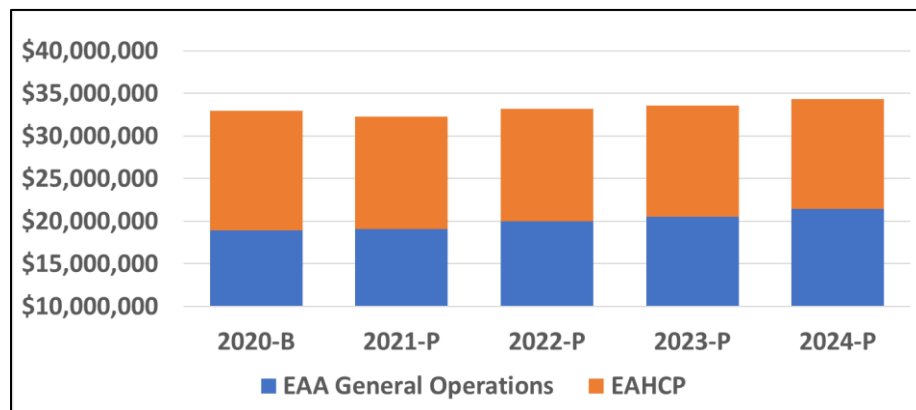
As noted earlier in this document, the EAA develops a 5-year plan as part of the budget planning process. The 5-year plan takes into consideration staff positions needed, continued and/or new program initiatives, capital expenses related to initiatives, aquifer management and program aquifer management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

5-year plan highlights include:

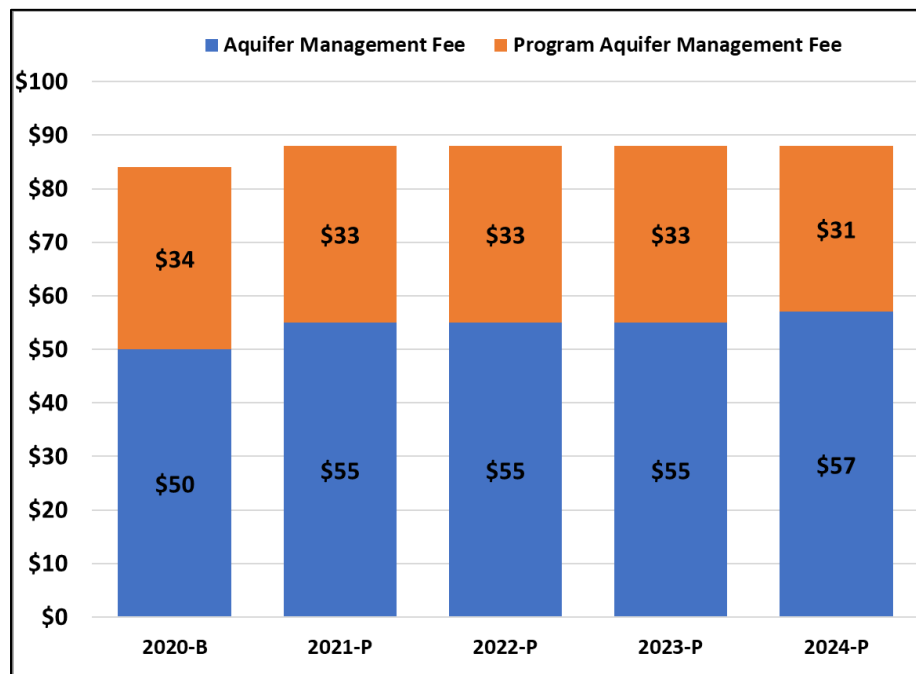
- Expanded use of Morgan's Camp Education & Public Outreach Center and the Field Research Station Observatory
- 2021 – 3 full-time position additions in support of the above expanded initiatives
- Continuation of existing efforts to provide sustainability of the aquifer for the region
- \$4/AF increase in the combined Municipal & Industrial (M&I) aquifer management/program aquifer management fee rate

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

Expenses, By Fund



M&I Rates, per AF

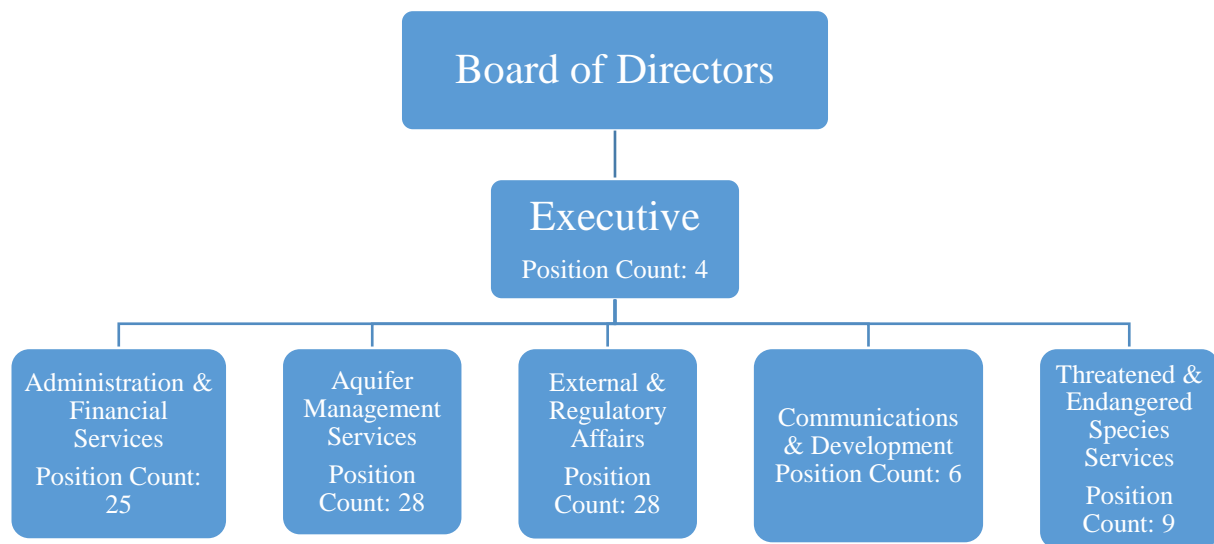


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DIVISION/DEPARTMENT DETAIL

Organization Structure

The Edwards Aquifer Authority (EAA) is structured into six (6) functional divisions: Executive Office, Administration and 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.

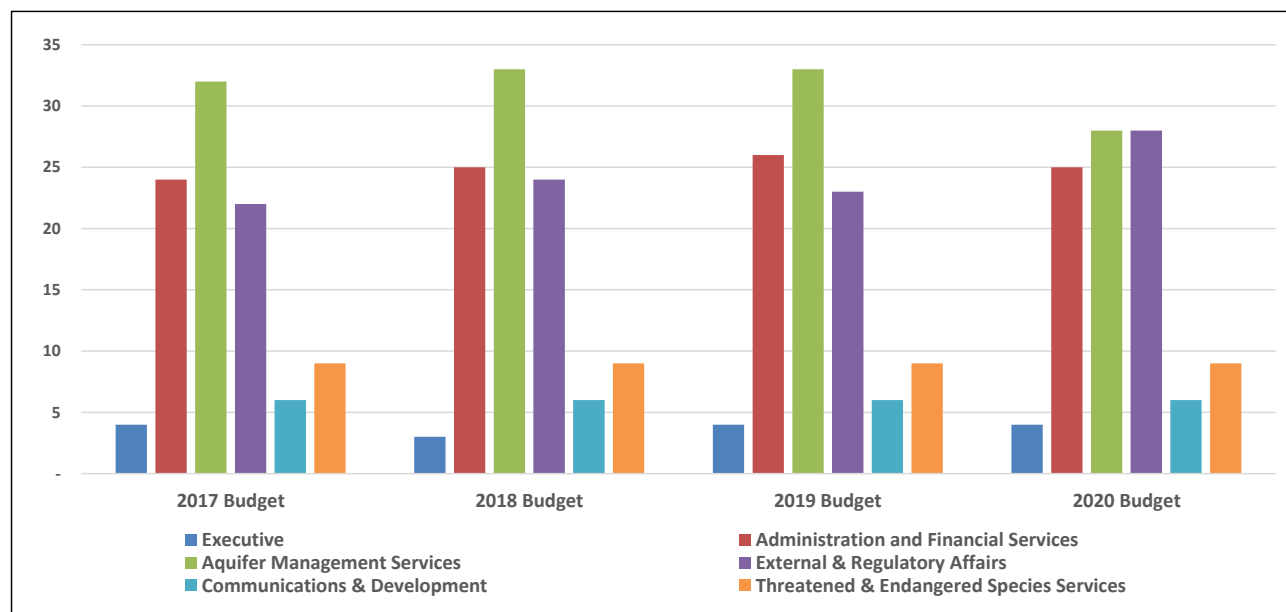


The following pages depict the 2020 narratives, budget and organizational chart applicable to each of these divisions representing the operations of the EAA.

Personnel Schedule

In 2018, three (3) full-time positions were added to fulfill requirements in various EAA divisions. In 2019, one (1) part-time position was added. In 2020, two (2) part-time positions were converted to one (1) full-time position to fulfill requirements in the Administration and Financial Services department.

	2017 Budget	2018 Budget	2019 Budget	2020 Budget
Full-Time Employees				
Executive	4.0	3.0	4.0	4.0
Administration and Financial Services	22.0	23.0	23.0	24.0
Aquifer Management Services	32.0	33.0	33.0	28.0
External & Regulatory Affairs	22.0	24.0	23.0	28.0
Communications & Development	6.0	6.0	6.0	6.0
Threatened & Endangered Species Services	9.0	9.0	9.0	9.0
Subtotal	95.0	98.0	98.0	99.0
Part-Time Employees				
Executive	-	-	-	-
Administration and Financial Services	2.0	2.0	3.0	1.0
Aquifer Management Services	-	-	-	-
External & Regulatory Affairs	-	-	-	-
Communications & Development	-	-	-	-
Threatened & Endangered Species Services	-	-	-	-
Subtotal	2.0	2.0	3.0	1.0
Total Employees				
Executive	4.0	3.0	4.0	4.0
Administration and Financial Services	24.0	25.0	26.0	25.0
Aquifer Management Services	32.0	33.0	33.0	28.0
External & Regulatory Affairs	22.0	24.0	23.0	28.0
Communications & Development	6.0	6.0	6.0	6.0
Threatened & Endangered Species Services	9.0	9.0	9.0	9.0
Total	97.0	100.0	101.0	100.0



GENERAL FUND – DIVISION/DEPARTMENT SUMMARY

Edwards Aquifer Authority
2020 Adopted Operating Budget

General Fund: Division/Department Summary

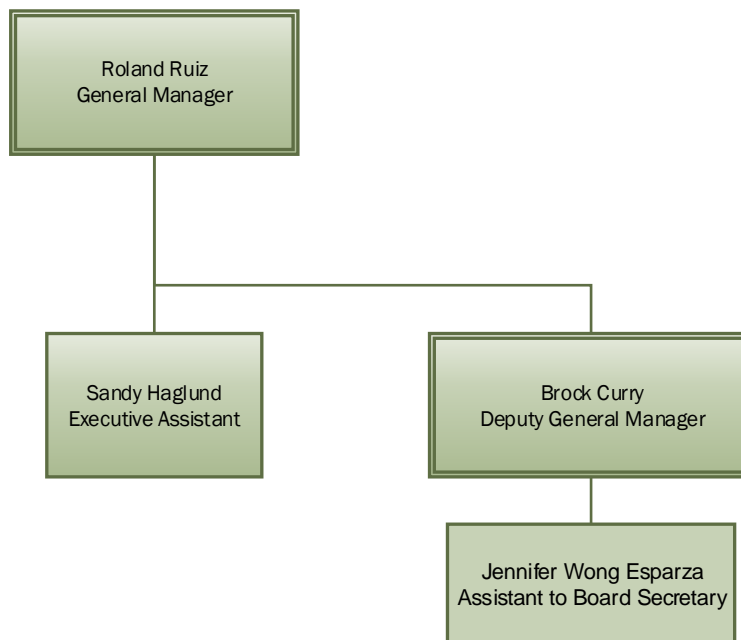
Division/Department	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Executive	\$ 2,048,566	\$ 2,042,910	\$ 2,042,910	\$ 1,980,098
EXE - General	883,201	1,000,410	1,000,410	1,040,598
Board of Directors	113,068	138,500	138,500	173,500
Legal Services	1,052,297	904,000	904,000	766,000
Administration & Financial Services	4,249,706	5,424,579	5,385,197	5,624,225
AFS - General	2,107,433	2,576,517	2,576,516	2,564,951
Accounting	225,618	313,614	281,775	330,625
Authority Operations	910,442	961,641	961,641	868,277
Human Resources	271,468	305,848	298,306	402,818
Information Technology	663,256	1,102,140	1,102,140	1,332,053
Procurement & MWBE Program	51,665	120,250	120,250	85,600
Records	19,824	44,570	44,570	39,900
Aquifer Management Services	4,919,051	5,952,127	5,780,027	5,743,638
AMS - General	3,425,281	3,589,200	3,589,200	3,172,088
Aquifer Protection	(95,351)	(126,500)	(126,500)	(89,500)
Aquifer Science Research	843,148	1,182,777	1,182,777	1,412,450
Data Management	-	-	-	268,500
Groundwater Protection	238,048	485,950	299,950	340,850
Karst Initiatives	28,067	80,250	80,250	78,250
Modeling	178,914	411,200	411,200	298,500
Range Management	7,592	56,550	56,550	57,000
Recharge Enhancement	161,873	163,000	163,000	163,000
Remote Gauging	131,480	109,700	123,600	42,500
Communications & Development	946,516	1,136,052	1,110,633	1,210,558
C&D - General	474,841	638,752	613,333	546,058
Public Information	355,665	362,500	362,500	478,500
School Education	116,009	134,800	134,800	186,000
External & Regulatory Affairs	3,405,728	3,766,060	3,766,060	4,338,955
ERA - General	2,305,611	2,515,690	2,515,690	3,090,585
Abandoned Well Closure	-	257,000	257,000	257,000
Elections	145,819	-	-	400,000
Intergovernmental Relations	542,255	207,000	207,000	202,000
Meters	115,967	142,500	156,500	154,520
Regulatory Affairs & Water Resources	296,076	643,870	629,870	234,850
Grand Total	\$ 15,569,567	\$ 18,321,728	\$ 18,084,827	\$ 18,897,474

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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.
-  **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	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Salaries & Wages	\$ 701,318	\$ 742,318	\$ 742,318	\$ 776,744
Employee Benefits	171,612	201,392	201,392	196,854
Professional Technical Services	1,075,959	878,000	878,000	775,000
Property Services	11,000	26,200	26,200	26,200
Other Services	83,898	180,000	180,000	190,000
Supplies	4,779	15,000	15,000	15,300
Grand Total	\$ 2,048,566	\$ 2,042,910	\$ 2,042,910	\$ 1,980,098

Division Expenses, by Department:

Department	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
EXE - General	\$ 883,201	\$ 1,000,410	\$ 1,000,410	\$ 1,040,598
Board of Directors	113,068	138,500	138,500	173,500
Legal Services	1,052,297	904,000	904,000	766,000
Grand Total	\$ 2,048,566	\$ 2,042,910	\$ 2,042,910	\$ 1,980,098

Edwards Aquifer Authority
2020 Adopted Operating Budget

Executive Division Summary

Expense Classification		2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Salaries & Wages	Salaries & Wages	\$ 600,776	\$ 742,318	\$ 742,318	\$ 776,744
	Sick Leave	13,404	-	-	-
	Vacation Leave	47,075	-	-	-
	Holiday Leave	40,063	-	-	-
Salaries & Wages Total		701,318	742,318	742,318	776,744
Employee Benefits	Allowances	21,300	21,300	21,300	21,300
	Dental Insurance	1,241	1,738	1,738	1,327
	Employer FICA & Medicare	39,343	56,787	56,787	59,421
	Health Insurance	16,234	35,305	35,305	24,995
	Life & AD&D Insurance	2,749	3,919	3,919	3,076
	LT Disability Insurance	1,616	2,227	2,227	2,408
	Medical Allowance Reimbursement	14,882	10,000	10,000	10,000
	Pension Expense	73,107	-	-	-
	Retirement Contributions	493	69,036	69,036	73,247
	State Unemployment Tax	648	1,080	1,080	1,080
Employee Benefits Total		171,612	201,392	201,392	196,854
Professional Technical Services	Contractual Professional Services	-	110,000	110,000	110,000
	Contractual Professional Svcs	47,326	30,000	30,000	65,000
	Legal Services	1,028,633	738,000	738,000	600,000
Professional Technical Services Total		1,075,959	878,000	878,000	775,000
Property Services	Constituency Services	11,000	25,000	25,000	25,000
	Facilities Rental	-	1,000	1,000	1,000
	Non-Capital Furniture & Equipment	-	200	200	200
Property Services Total		11,000	26,200	26,200	26,200
Other Services	Conferences, Seminars & Training	7,005	11,000	11,000	21,000
	Meeting Expenses	53,844	83,500	83,500	83,500
	Printing	44	500	500	500
	Public & Legal Notices	23,005	85,000	85,000	85,000
Other Services Total		83,898	180,000	180,000	190,000
Supplies	Memberships	4,120	5,000	5,000	5,200
	Office Supplies	-	1,000	1,000	1,000
	Subscriptions & Publications	659	9,000	9,000	9,100
Supplies Total		4,779	15,000	15,000	15,300
Grand Total		\$ 2,048,566	\$ 2,042,910	\$ 2,042,910	\$ 1,980,098

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Executive
Department: General

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Salaries & Wages	100-901-51000-00	Salaries & Wages	\$ 600,776	\$ 742,318	\$ 742,318	\$ 776,744
	100-901-51200-00	Sick Leave	13,404	-	-	-
	100-901-51300-00	Vacation Leave	47,075	-	-	-
	100-901-51400-00	Holiday Leave	40,063	-	-	-
Salaries & Wages Total			701,318	742,318	742,318	776,744
Employee Benefits	100-901-52002-00	Employer FICA & Medicare	39,343	56,787	56,787	59,421
	100-901-52003-00	Retirement Contributions	493	69,036	69,036	73,247
	100-901-52004-00	LT Disability Insurance	1,616	2,227	2,227	2,408
	100-901-52005-00	Health Insurance	16,234	35,305	35,305	24,995
	100-901-52006-00	Dental Insurance	1,241	1,738	1,738	1,327
	100-901-52008-00	State Unemployment Tax	648	1,080	1,080	1,080
	100-901-52024-00	Life & AD&D Insurance	2,749	3,919	3,919	3,076
	100-901-52035-00	Medical Allowance Reimbursement	14,882	10,000	10,000	10,000
	100-901-52100-00	Allowances	21,300	21,300	21,300	21,300
	100-901-52103-00	Pension Expense	73,107	-	-	-
Employee Benefits Total			171,612	201,392	201,392	196,854
Professional Technical Services	100-001-53100-00	Contractual Professional Services	-	35,000	35,000	35,000
Professional Technical Services Total			-	35,000	35,000	35,000
Property Services	100-001-54500-00	Non-Capital Furniture & Equipment	-	200	200	200
Property Services Total			-	200	200	200
Other Services	100-001-55100-00	Printing	-	500	500	500
	100-001-55400-00	Conferences, Seminars & Training	-	3,000	3,000	13,000
	100-001-55500-00	Meeting Expenses	6,151	8,500	8,500	8,500
Other Services Total			6,151	12,000	12,000	22,000
Supplies	100-001-56105-00	Office Supplies	-	500	500	500
	100-001-56501-00	Memberships	4,120	5,000	5,000	5,200
	100-001-56502-00	Subscriptions & Publications	-	4,000	4,000	4,100
Supplies Total			4,120	9,500	9,500	9,800
Grand Total			\$ 883,201	\$ 1,000,410	\$ 1,000,410	\$ 1,040,598

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Executive
Department: Board of Directors

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	100-102-53100-00	Contractual Professional Svcs	\$ 47,326	\$ 30,000	\$ 30,000	\$ 65,000
Professional Technical Services Total			47,326	30,000	30,000	65,000
Property Services	100-102-54301-00	Constituency Services	11,000	25,000	25,000	25,000
Property Services Total			11,000	25,000	25,000	25,000
Other Services	100-102-55100-00	Printing	44	-	-	-
	100-102-55400-00	Conferences, Seminars & Training	7,005	8,000	8,000	8,000
	100-102-55500-00	Meeting Expenses	47,693	75,000	75,000	75,000
Other Services Total			54,742	83,000	83,000	83,000
Supplies	100-102-56105-00	Office Supplies	-	500	500	500
	100-102-56501-00	Memberships	-	-	-	-
Supplies Total			-	500	500	500
Grand Total			\$ 113,068	\$ 138,500	\$ 138,500	\$ 173,500

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Executive
Department: Legal Services

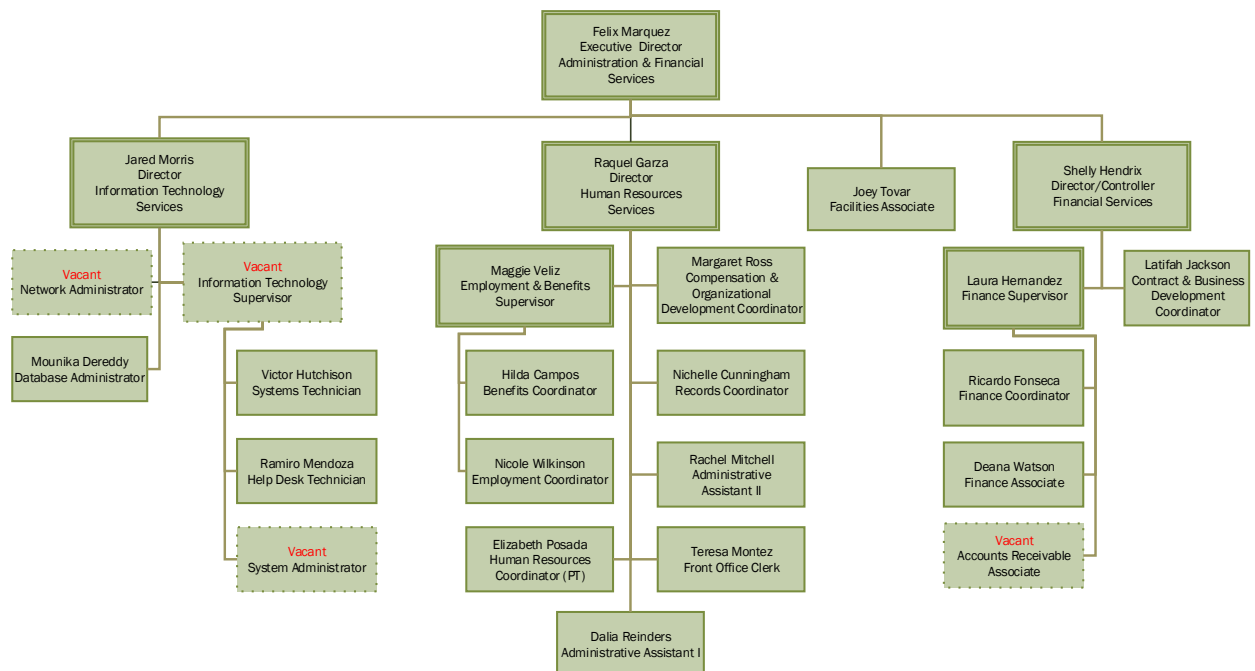
Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	100-103-53100-00	Contractual Professional Services	\$ -	\$ 75,000	\$ 75,000	\$ 75,000
	100-103-53104-00	Legal Services	1,028,633	738,000	738,000	600,000
Professional Technical Services Total			1,028,633	813,000	813,000	675,000
Property Services	100-103-54202-00	Facilities Rental	-	1,000	1,000	1,000
Property Services Total			-	1,000	1,000	1,000
Other Services	100-103-55200-00	Public & Legal Notices	23,005	85,000	85,000	85,000
Other Services Total			23,005	85,000	85,000	85,000
Supplies	100-103-56502-00	Subscriptions & Publications	659	5,000	5,000	5,000
Supplies Total			659	5,000	5,000	5,000
Grand Total			\$ 1,052,297	\$ 904,000	\$ 904,000	\$ 766,000

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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, 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.
-  **Human Resources:** The Human Resources program administers all employee and staffing related activities. These activities include pre-employment and post-employment processing, employee benefits administration, compensation, safety training, staff development, as well as managing the agency's administrative support function and college internship program.
-  **Information Technology:** The Information Technology program area serves to ensure EAA staff has high quality and dependable computer technology available at all times to accomplish its mission. In addition to funding new and replacement computer hardware and software, funding is also included to ensure adequate maintenance of the existing computer network. This program area also works in conjunction with all EAA divisions to seek ways to use new and emerging technologies to support their mission through application modernization and increased efficiency, including acquiring 3rd party software solutions by evaluating the technical feasibility and risks of proposed applications.
-  **Procurement & MWBE Program:** These programs promote fair and effective purchasing for the entire organization. While overseeing the process for purchasing goods and services, staff strives to meet the EAA goal of awarding at least 30% of its contracts to minority-owned or woman-owned businesses (MWBEs).
-  **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	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Salaries & Wages	\$ 1,595,913	\$ 1,947,409	\$ 1,947,409	\$ 2,000,480
Employee Benefits	534,044	647,108	647,107	612,471
Professional Technical Services	236,720	542,838	528,301	548,975
Property Services	554,492	610,153	599,153	882,203
Other Services	245,040	346,835	333,212	372,530
Supplies	272,580	302,433	302,212	335,339
Other Expenses	137,307	111,923	111,923	108,727
Capital Asset	673,610	915,881	915,881	763,500
Grand Total	\$ 4,249,706	\$ 5,424,579	\$ 5,385,197	\$ 5,624,225

Division Expenses, by Department:

Department	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
AFS - General	\$ 2,107,433	2,576,517	2,576,516	2,564,951
Accounting	225,618	313,614	281,775	330,625
Authority Operations	910,442	961,641	961,641	868,277
Human Resources	271,468	305,848	298,306	402,818
Information Technology	663,256	1,102,140	1,102,140	1,332,053
Procurement & MWBE Program	51,665	120,250	120,250	85,600
Records	19,824	44,570	44,570	39,900
Grand Total	\$ 4,249,706	\$ 5,424,579	\$ 5,385,197	\$ 5,624,225

Edwards Aquifer Authority
2020 Adopted Operating Budget

Administration & Financial Services Division Summary

Expense Classification		2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Salaries & Wages	Salaries & Wages	\$ 1,327,230	\$ 1,941,409	\$ 1,941,409	\$ 1,994,480
	Overtime	5,816	6,000	6,000	6,000
	Sick Leave	44,295	-	-	-
	Vacation Leave	56,222	-	-	-
	Holiday Leave	91,220	-	-	-
	Compensated Absences	71,130	-	-	-
Salaries & Wages Total		1,595,913	1,947,409	1,947,409	2,000,480
Employee Benefits	Allowances	5,400	5,400	5,400	5,400
	Dental Insurance	8,021	9,994	9,994	7,629
	Employer FICA & Medicare	106,717	148,519	148,518	152,578
	Health Insurance	104,627	203,003	203,003	143,719
	Life & AD&D Insurance	7,430	9,233	9,233	7,110
	LT Disability Insurance	4,780	5,246	5,246	5,566
	Medical Allowance Reimbursement	86,575	57,500	57,500	57,500
	Other Benefit Expenses	4,121	-	-	-
	Pension Expense	177,476	-	-	-
	Retirement Contributions	1,355	169,299	169,299	176,327
	State Unemployment Tax	5,018	8,914	8,914	8,642
	Tuition Reimbursement	22,524	30,000	30,000	48,000
Employee Benefits Total		534,044	647,108	647,107	612,471
Professional Technical Services	Contractual Professional Services	211,761	509,638	492,601	523,975
	Displays	2,477	-	-	1,000
	Legal Services - Settlements	-	12,000	12,000	-
	Pre-Employment Services	10,065	7,500	10,000	11,000
	Records Services	6,619	6,700	6,700	7,000
	Temporary Services	5,798	7,000	7,000	6,000
Professional Technical Services Total		236,720	542,838	528,301	548,975
Property Services	Equipment Maintenance & Repairs	231,970	281,335	270,335	1,500
	Equipment Rental	26,586	45,368	45,368	46,000
	Event Sponsorships	15,025	39,800	39,800	40,000
	Facilities Maintenance	172,655	158,500	158,500	165,000
	Facilities Rental	150	750	750	99,750
	Hosting, SAAS and Support Agreements	-	-	-	447,353
	Non-Capital Furniture & Equipment	40,467	13,800	13,800	10,300
	Pest Control	1,884	2,100	2,100	2,100
	Security & Fire	20,553	15,000	15,000	15,000
	Vehicles Maintenance	34,816	42,000	42,000	42,000
	Waste Disposal	4,124	3,000	3,000	4,500
	Water & Sewage	6,262	8,500	8,500	8,700
Property Services Total		554,492	610,153	599,153	882,203
Other Services	Conferences, Seminars & Training	30,964	69,000	69,000	69,000
	Fees, Licenses and Permits	1,024	11,065	8,065	12,100
	Meeting Expenses	26,635	36,100	36,100	54,700
	Printing	450	8,750	8,750	4,000
	Property & Casualty Insurance	96,027	111,309	106,416	111,311
	Public & Legal Notices	19,759	29,830	24,100	30,600
Other Services Total		245,040	346,835	333,212	372,530
Supplies	Clothing	8,841	10,000	10,000	10,000
	Computer Supplies	48,930	55,000	55,000	75,000
	Electrical Services	90,240	90,000	90,000	92,000
	Event Materials and Supplies	-	-	-	300
	Fuel	27,548	35,000	35,000	35,000

Edwards Aquifer Authority
2020 Adopted Operating Budget

Administration & Financial Services Division Summary

Expense Classification		2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Supplies	Kitchen & Janitorial	26,561	34,000	34,000	40,000
	Memberships	12,585	17,115	16,894	15,739
	Office Supplies	31,719	34,000	34,000	38,500
	Postage	19,059	20,200	20,200	20,000
	Promotional Supplies	6,923	6,000	6,000	8,000
	Subscriptions & Publications	172	1,118	1,118	800
Supplies Total		272,580	302,433	302,212	335,339
Other Expenses	Bad Debt Expense	22,314	-	-	-
	Interest Expense-Note Payable	114,993	111,923	111,923	108,727
Other Expenses Total		137,307	111,923	111,923	108,727
Capital Asset	Buildings CY	17,146	50,000	50,000	50,000
	Computer Hardware CY	136,350	225,211	225,211	285,000
	Computer Software CY	166,874	266,500	266,500	250,000
	Construction in Progress		-	-	-
	Furniture & Office Equipment CY	112,957	117,170	117,170	42,500
	Imp Other than Buildings CY	90,600	100,000	100,000	-
	Note Payable - Long Term	80,000	85,000	85,000	85,000
Capital Asset Total	Vehicles CY	69,683	72,000	72,000	51,000
Capital Asset Total		673,610	915,881	915,881	763,500
Grand Total		\$ 4,249,706	\$ 5,424,579	\$ 5,385,197	\$ 5,624,225

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Administration & Financial Services
Department: General

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Salaries & Wages	100-902-51000-00	Salaries & Wages	\$ 1,327,230	\$ 1,941,409	\$ 1,941,409	\$ 1,994,480
	100-902-51100-00	Overtime	5,816	6,000	6,000	6,000
	100-902-51200-00	Sick Leave	44,295	-	-	-
	100-902-51300-00	Vacation Leave	56,222	-	-	-
	100-902-51400-00	Holiday Leave	91,220	-	-	-
	100-902-51500-00	Compensated Absences	71,130	-	-	-
Salaries & Wages Total			1,595,913	1,947,409	1,947,409	2,000,480
Employee Benefits	100-902-52002-00	Employer FICA & Medicare	106,717	148,519	148,518	152,578
	100-902-52003-00	Retirement Contributions	1,355	169,299	169,299	176,327
	100-902-52004-00	LT Disability Insurance	4,780	5,246	5,246	5,566
	100-902-52005-00	Health Insurance	104,627	203,003	203,003	143,719
	100-902-52006-00	Dental Insurance	8,021	9,994	9,994	7,629
	100-902-52008-00	State Unemployment Tax	5,018	8,914	8,914	8,642
	100-902-52024-00	Life & AD&D Insurance	7,430	9,233	9,233	7,110
	100-902-52035-00	Medical Allowance Reimbursement	86,575	57,500	57,500	57,500
	100-902-52100-00	Allowances	5,400	5,400	5,400	5,400
	100-902-52103-00	Pension Expense	177,476	-	-	-
	100-902-52999-00	Other Benefit Expenses	4,121	-	-	-
Employee Benefits Total			511,520	617,108	617,107	564,471
Professional Technical Services	100-902-53104-01	Legal Services - Settlements		12,000	12,000	-
Professional Technical Services Total				12,000	12,000	-
Grand Total			\$ 2,107,433	\$ 2,576,517	\$ 2,576,516	\$ 2,564,951

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Administration & Financial Services
Department: Accounting

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	100-201-53100-00	Contractual Professional Services	\$ 75,358	\$ 105,625	\$ 93,100	\$ 124,475
Professional Technical Services Total			75,358	105,625	93,100	124,475
Property Services	100-201-54102-00	Equipment Maintenance & Repairs	47,368	61,000	50,000	-
	100-201-54104-00	Hosting, SAAS and Support Agreements	-	-	-	62,500
	100-201-54202-00	Facilities Rental	150	750	750	750
	100-201-54500-00	Non-Capital Furniture & Equipment	-	1,000	1,000	-
Property Services Total			47,518	62,750	51,750	63,250
Other Services	100-201-55100-00	Printing	-	3,000	3,000	-
	100-201-55200-00	Public & Legal Notices	-	600	600	600
	100-201-55400-00	Conferences, Seminars & Training	2,818	15,000	15,000	15,000
	100-201-55500-00	Meeting Expenses	200	1,000	1,000	1,000
	100-201-55600-00	Property & Casualty Insurance	96,027	111,309	106,416	111,311
	100-201-55900-00	Fees, Licenses and Permits	799	10,765	7,765	11,800
Other Services Total			99,844	141,674	133,781	139,711
Supplies	100-201-56105-00	Office Supplies	1,200	500	500	500
	100-201-56501-00	Memberships	1,698	3,065	2,644	2,689
Supplies Total			2,898	3,565	3,144	3,189
Grand Total			\$ 225,618	\$ 313,614	\$ 281,775	\$ 330,625

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Administration & Financial Services
Department: Authority Operations

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Property Services	100-202-54001-00	Waste Disposal	4,124	3,000	3,000	4,500
	100-202-54002-00	Water & Sewage	6,262	8,500	8,500	8,700
	100-202-54003-00	Pest Control	1,884	2,100	2,100	2,100
	100-202-54004-00	Security & Fire	20,553	15,000	15,000	15,000
	100-202-54101-00	Vehicles Maintenance	34,816	42,000	42,000	42,000
	100-202-54102-00	Equipment Maintenance & Repairs	14,981	1,500	1,500	1,500
	100-202-54103-00	Facilities Maintenance	172,655	158,500	158,500	165,000
	100-202-54201-00	Equipment Rental	26,586	45,368	45,368	46,000
	100-202-54202-00	Facilities Rental	-	-	-	99,000
	100-202-54500-00	Non-Capital Furniture & Equipment	7,573	5,000	5,000	5,000
Property Services Total			289,433	280,968	280,968	388,800
Other Services	100-202-55400-00	Conferences, Seminars & Training	199	1,000	1,000	1,000
Other Services Total			199	1,000	1,000	1,000
Supplies	100-202-56104-00	Kitchen & Janitorial	9,181	20,000	20,000	20,000
	100-202-56200-00	Fuel	27,548	35,000	35,000	35,000
	100-202-56400-00	Electrical Services	90,240	90,000	90,000	92,000
	100-202-56501-00	Memberships	180	450	450	450
	100-202-56502-00	Subscriptions & Publications	-	800	800	800
Supplies Total			127,149	146,250	146,250	148,250
Other Expenses	100-202-58502-00	Interest Expense-Note Payable	114,993	111,923	111,923	108,727
	100-202-58700-00	Bad Debt Expense	22,314	-	-	-
Other Expenses Total			137,307	111,923	111,923	108,727
Capital Asset	100-202-17200-01	Buildings CY	5,828	50,000	50,000	50,000
	100-202-17300-01	Imp Other than Buildings CY	90,600	100,000	100,000	-
	100-202-17400-01	Vehicles CY	69,683	72,000	72,000	51,000
	100-202-17500-01	Furniture & Office Equipment CY	110,242	114,500	114,500	35,500
	100-202-18100-00	Construction in Progress	-	-	-	-
	100-202-25000-00	Note Payable - Long Term	80,000	85,000	85,000	85,000
Capital Asset Total			356,353	421,500	421,500	221,500
Grand Total			\$ 910,442	\$ 961,641	\$ 961,641	\$ 868,277

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Administration & Financial Services
Department: Human Resources

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Employee Benefits	100-204-52200-00	Tuition Reimbursement	22,524	30,000	30,000	48,000
Employee Benefits Total			22,524	30,000	30,000	48,000
Professional Technical Services	100-204-53100-00	Contractual Professional Services	99,024	114,512	110,000	121,000
	100-204-53500-00	Pre-Employment Services	10,065	7,500	10,000	11,000
	100-204-53600-00	Temporary Services	5,798	6,000	6,000	6,000
Professional Technical Services Total			114,887	128,012	126,000	138,000
Property Services	100-204-54104-00	Hosting, SAAS and Support Agreements	-	-	-	50,318
	100-204-54500-00	Non-Capital Furniture & Equipment	8,262	2,000	2,000	-
Property Services Total			8,262	2,000	2,000	50,318
Other Services	100-204-55100-00	Printing	-	1,000	1,000	1,000
	100-204-55200-00	Public & Legal Notices	5,293	15,730	10,000	10,000
	100-204-55400-00	Conferences, Seminars & Training	15,951	20,000	20,000	20,000
	100-204-55500-00	Meeting Expenses	25,635	30,000	30,000	48,000
	100-204-55900-00	Fees, Licenses and Permits	225	300	300	300
Other Services Total			47,104	67,030	61,300	79,300
Supplies	100-204-56101-00	Computer Supplies	424	-	-	-
	100-204-56104-00	Kitchen & Janitorial	17,380	14,000	14,000	20,000
	100-204-56105-00	Office Supplies	28,439	30,000	30,000	35,000
	100-204-56106-00	Clothing	8,841	10,000	10,000	10,000
	100-204-56300-00	Postage	19,059	20,000	20,000	20,000
	100-204-56501-00	Memberships	1,661	2,000	2,200	2,200
	100-204-56502-00	Subscriptions & Publications	172	318	318	-
Supplies Total			75,977	76,318	76,518	87,200
Capital Asset	100-204-17500-01	Furniture & Office Equipment CY	2,715	-	-	-
	100-204-17800-01	Computer Hardware CY	-	2,488	2,488	-
Capital Asset Total			2,715	2,488	2,488	-
Grand Total			\$ 271,468	\$ 305,848	\$ 298,306	\$ 402,818

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Administration & Financial Services
Department: Information Technology

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	100-205-53100-00	Contractual Professional Services	23,593	209,901	209,901	268,500
Professional Technical Services Total			23,593	209,901	209,901	268,500
Property Services	100-205-54102-00	Equipment Maintenance & Repairs	169,622	218,835	218,835	-
	100-205-54104-00	Hosting, SAAS and Support Agreements	-	-	-	320,235
	100-205-54300-00	Event Sponsorships	-	15,000	15,000	10,000
	100-205-54500-00	Non-Capital Furniture & Equipment	24,632	800	800	300
Property Services Total			194,254	234,635	234,635	330,535
Other Services	100-205-55300-00	Telecommunication Services	70,181	80,781	80,781	90,819
	100-205-55400-00	Conferences, Seminars & Training	11,532	30,000	30,000	30,000
	100-205-55500-00	Meeting Expenses	226	600	600	700
Other Services Total			81,939	111,381	111,381	121,519
Supplies	100-205-56101-00	Computer Supplies	48,506	55,000	55,000	75,000
	100-205-56105-00	Office Supplies	273	1,000	1,000	500
	100-205-56501-00	Memberships	150	1,000	1,000	1,000
Supplies Total			48,929	57,000	57,000	76,500
Capital Asset	100-205-17200-01	Buildings CY	11,318	-	-	-
	100-205-17700-01	Computer Software CY	166,874	266,500	266,500	250,000
	100-205-17800-01	Computer Hardware CY	136,350	222,723	222,723	285,000
Capital Asset Total			314,542	489,223	489,223	535,000
Grand Total			\$ 663,256	\$ 1,102,140	\$ 1,102,140	\$ 1,332,053

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Administration & Financial Services
Department: Procurement & M/WBE Program

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	100-211-53100-00	Contractual Professional Services	2,500	55,000	55,000	5,000
	100-211-53700-00	Displays	2,477	-	-	1,000
Professional Technical Services Total			4,977	55,000	55,000	6,000
Property Services	100-211-54104-00	Hosting, SAAS and Support Agreements	-	-	-	3,300
	100-211-54300-00	Event Sponsorships	15,025	24,800	24,800	30,000
Property Services Total			15,025	24,800	24,800	33,300
Other Services	100-211-55100-00	Printing	450	4,750	4,750	3,000
	100-211-55200-00	Public & Legal Notices	14,466	13,500	13,500	20,000
	100-211-55400-00	Conferences, Seminars & Training	465	3,000	3,000	3,000
	100-211-55500-00	Meeting Expenses	449	2,500	2,500	2,500
Other Services Total			15,830	23,750	23,750	28,500
Supplies	100-211-56102-00	Promotional Supplies	6,923	6,000	6,000	8,000
	100-211-56105-00	Office Supplies	314	500	500	500
	100-211-56107-00	Event Materials and Supplies	-	-	-	300
	100-211-56300-00	Postage		200	200	
	100-211-56501-00	Memberships	8,596	10,000	10,000	9,000
Supplies Total			15,834	16,700	16,700	17,800
Grand Total			\$ 51,665	\$ 120,250	\$ 120,250	\$ 85,600

Edwards Aquifer Authority
2020 Adopted Operating Budget

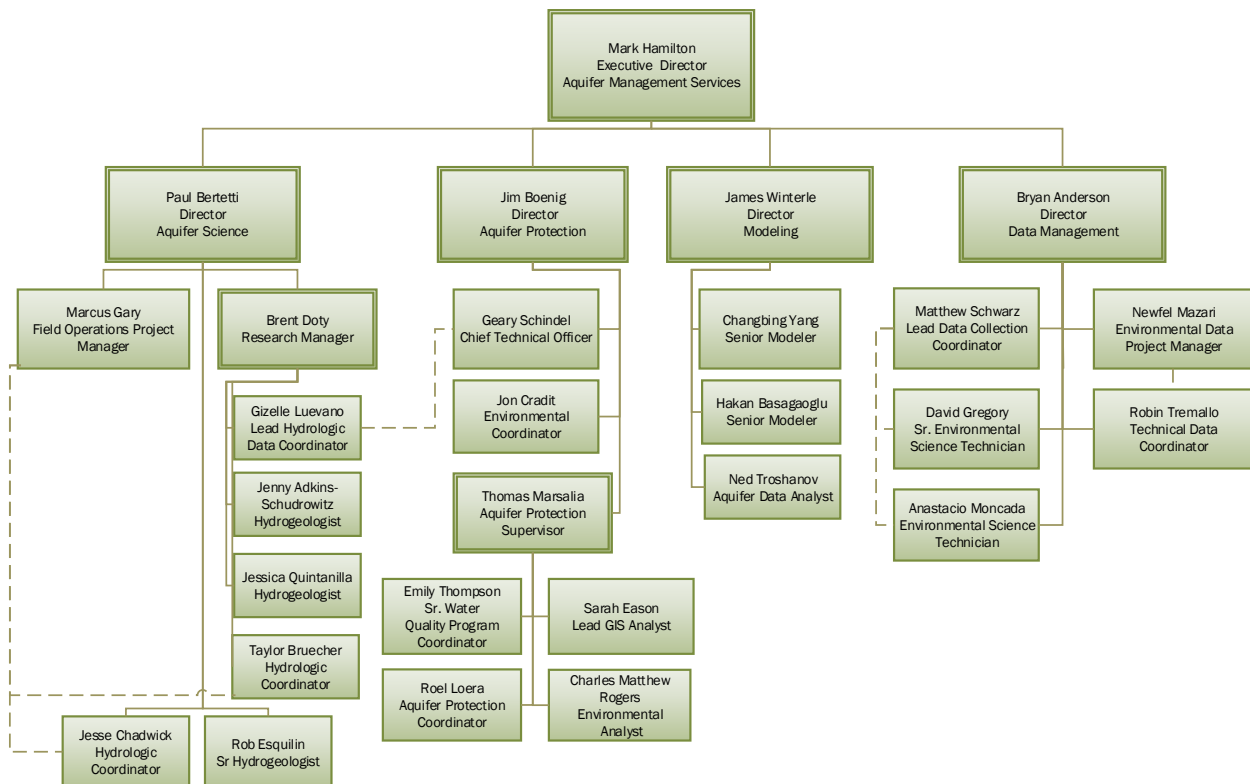
Division: Administration & Financial Services
Department: Records

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	100-208-53100-00	Contractual Professional Services	11,286	24,600	24,600	5,000
	100-208-53400-00	Records Services	6,619	6,700	6,700	7,000
	100-208-53600-00	Temporary Services	-	1,000	1,000	-
Professional Technical Services Total			17,905	32,300	32,300	12,000
Property Services	100-208-54104-00	Hosting, SAAS and Support Agreements	-	-	-	11,000
	100-208-54500-00	Non-Capital Furniture & Equipment	-	5,000	5,000	5,000
Property Services Total			-	5,000	5,000	16,000
Other Services	100-208-55500-00	Meeting Expenses	125	2,000	2,000	2,500
Other Services Total			125	2,000	2,000	2,500
Supplies	100-208-56105-00	Office Supplies	1,494	2,000	2,000	2,000
	100-208-56501-00	Memberships	300	600	600	400
Supplies Total			1,794	2,600	2,600	2,400
Capital Asset	100-208-17500-01	Furniture & Office Equipment CY	-	2,670	2,670	7,000
Capital Asset Total			-	2,670	2,670	7,000
Grand Total			\$ 19,824	\$ 44,570	\$ 44,570	\$ 39,900

AQUIFER MANAGEMENT SERVICES DIVISION







Aquifer Management Services Division



Aquifer Management Services

The Aquifer Management Services division is responsible for data management, data collection, research, groundwater and watershed modeling, conservation easements, recharge enhancement, and karst initiatives. The division maintains active and historical information for water levels, water quality, recharge, and rainfall across the region. Research initiatives are centered on building a better understanding of aquifer behavior. As the conceptual model is improved through research, the groundwater models are refined and improved, resulting in added certainty for management of the resource. Aquifer Management Services staff also maintain an advanced telemetry system designed to monitor and report rainfall, weather, water level, and water quality data in near real-time to the EAA offices. Staff also monitor spills and work closely with first responders in the environmentally sensitive recharge zone in an effort to protect the water quality in the system. The Aquifer Management Services 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.
-  **Aquifer Protection:** Through the Edwards Aquifer Protection Program, the EAA reviews plans for development on the recharge zone, monitors EAA-owned conservation easements, 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 (\$175,000) 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. Maintenance of EAA operated recharge structures is also the responsibility of this program area.
-  **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 expand 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 of the resource. This group is also responsible for collecting water quality data, stream flow data, and water level data.
-  **Data Management:** Data Management was elevated to an independent program area in 2019, to better serve the needs of the division and agency. Data management refers to the overall process of properly collecting, storing, analyzing, quality checking, and retrieving the multiple data streams the AMS Division is responsible for. This program is also responsible for developing and maintaining standard procedures for data collection and storage.

- ✚ **Groundwater Protection:** Program is responsible for the maintenance of EAA operated recharge structures.
- ✚ **Karst Initiatives:** Through the Karst Initiatives program the EAA provides expertise to stakeholders by raising awareness of the unique vulnerabilities associated with karst landscapes and groundwater associated with karst aquifers. This program is working to enhance water quality protection measures through first responder education, professional lecture series, and exploration of innovative technologies. Geologic assessments of potential easement properties, evaluation of karst features, and determination of surface geological properties are other responsibilities that fall under Karst Initiatives.
- ✚ **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.
- ✚ **Range Management:** 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 is also included in this program area as part of a new incentive to restore the water holding capacity of soils in the region.
- ✚ **Recharge Enhancement:** The EAA staff evaluates recharge projects proposed by third parties; however, the EAA continues to refine its groundwater and hydrological models to better represent local conditions prior to pursuing any new EAA-funded recharge project. The Recharge Enhancement program also oversees the EAA's precipitation enhancement (cloud seeding) program to increase recharge and reduce irrigation demand.
- ✚ **Remote Gauging:** Remote gauging is part of the Data Management Program but is generally specific to the telemetry system used to transmit water level, rainfall, weather, and real-time water quality data to the EAA database. The telemetry network is in the process of being upgraded and spans the Edwards Aquifer region. Telemetered data are used for multiple purposes, to include recharge estimates and production of detailed rainfall data for the region.

Division Expenses, by Classification:

Expense Classification	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Salaries & Wages	\$ 2,476,504	\$ 2,674,694	\$ 2,674,694	\$ 2,442,563
Employee Benefits	881,687	878,056	878,056	691,825
Professional Technical Services	1,064,771	1,463,677	1,463,677	1,499,450
Property Services	177,301	441,200	269,100	535,000
Other Services	51,998	117,000	117,000	113,600
Supplies	49,290	81,500	81,500	88,700
Capital Asset	217,499	296,000	296,000	372,500
Grand Total	\$ 4,919,051	\$ 5,952,127	\$ 5,780,027	\$ 5,743,638

Division Expenses, by Department:

Department	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
AMS - General	\$ 3,425,281	\$ 3,589,200	\$ 3,589,200	3,172,088
Aquifer Protection	(95,351)	(126,500)	(126,500)	(89,500)
Aquifer Science Research	843,148	1,182,777	1,182,777	1,412,450
Data Management	-	-	-	268,500
Groundwater Protection	238,048	485,950	299,950	340,850
Karst Initiatives	28,067	80,250	80,250	78,250
Modeling	178,914	411,200	411,200	298,500
Range Management	7,592	56,550	56,550	57,000
Recharge Enhancement	161,873	163,000	163,000	163,000
Remote Gauging	131,480	109,700	123,600	42,500
Grand Total	\$ 4,919,051	\$ 5,952,127	\$ 5,780,027	5,743,638

Edwards Aquifer Authority
2020 Adopted Operating Budget

Aquifer Management Services Division Summary

Expense Classification		2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Salaries & Wages	Salaries & Wages	\$ 2,079,321	\$ 2,668,694	\$ 2,668,694	\$ 2,436,563
	Overtime	1,237	6,000	6,000	6,000
	Sick Leave	94,588	-	-	-
	Vacation Leave	151,851	-	-	-
	Holiday Leave	149,507	-	-	-
Salaries & Wages Total		2,476,504	2,674,694	2,674,694	2,442,563
Employee Benefits	Allowances	5,950	6,600	6,600	6,000
	Dental Insurance	13,047	14,339	14,339	8,955
	Employer FICA & Medicare	184,908	204,155	204,155	186,397
	Health Insurance	173,179	291,265	291,265	168,713
	Life & AD&D Insurance	11,928	14,091	14,091	9,649
	LT Disability Insurance	7,570	8,006	8,006	7,553
	Medical Allowance Reimbursement	188,737	82,500	82,500	67,500
	Pension Expense	290,103	-	-	-
	Retirement Contributions	750	248,189	248,189	229,768
Employee Benefits Total		881,687	878,056	878,056	691,825
Professional Technical Services	Aquarena Center Services	175	5,000	5,000	5,000
	Aquifer Science Advisory Panel	-	1,277	1,277	15,000
	City of San Antonio - ILA Cost Share Reimbursement	(175,000)	(175,000)	(175,000)	(175,000)
	Contractual Professional Services	43,375	126,500	126,500	150,000
	EA Model	109,119	130,000	130,000	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	166,277	150,000	150,000	150,000
	Interformational Flow Studies	58,098	112,400	112,400	130,000
	Joint Funding Agreement	357,565	380,000	380,000	380,000
	Lab Services	155,273	270,000	270,000	270,000
	Land Management	6,043	50,000	50,000	50,000
	NBU/COSM Interlocal Support	-	15,000	15,000	15,000
	Precipitation Enhancement	161,873	163,000	163,000	163,000
	Trinity-Edwards USGS Mapping II	62,475	-	-	-
	Trinity-Edwards USGS Mapping III	119,500	155,500	155,500	81,450
	Trinity-Edwards USGS Mapping IV	-	50,000	50,000	135,000
	Trinity-Edwards USGS Mapping V	-	-	-	-
Professional Technical Services Total		1,064,771	1,463,677	1,463,677	1,499,450
Property Services	Equipment Maintenance & Repairs	83,385	132,600	142,600	47,000
	Equipment Rental	935	9,500	9,500	8,500
	Event Sponsorships	5,000	5,500	5,500	5,000
	Facilities Maintenance	54,864	259,500	73,500	323,500
	Facilities Rental	14,952	11,600	15,500	3,500
	Hosting, SAAS and Support Agreements	-	-	-	105,000
	Non-Capital Furniture & Equipment	18,165	22,500	22,500	42,500
Property Services Total		177,301	441,200	269,100	535,000
Other Services	Conferences, Seminars & Training	24,286	47,000	47,000	48,500
	Fees, Licenses and Permits	223	-	-	-
	Meeting Expenses	11,778	19,650	19,650	20,350
	Printing	495	11,250	11,250	8,250
	Telecommunication Services	9,072	30,600	30,600	28,000
	Travel/Lodging	6,144	8,500	8,500	8,500
Other Services Total		51,998	117,000	117,000	113,600
Supplies	Computer Supplies	502	1,000	1,000	1,000
	Electrical Services	547	1,200	1,200	2,000
	Field Supplies	39,184	71,150	71,150	76,500
	Memberships	8,819	7,500	7,500	9,000
	Office Supplies	36	-	-	-
	Subscriptions & Publications	202	650	650	200
Supplies Total		49,290	81,500	81,500	88,700

Edwards Aquifer Authority
2020 Adopted Operating Budget

Aquifer Management Services Division Summary

Expense Classification		2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Capital Asset	Computer Hardware CY	45,434	91,000	91,000	112,500
	Computer Software CY	12,277	41,000	41,000	180,000
	Remote Monitoring Equipment CY	110,000	75,000	75,000	-
	Water Sampling/Monitoring Equipment CY	49,788	84,000	84,000	80,000
	Well Logging Equipment CY	-	5,000	5,000	-
Capital Asset Total		217,499	296,000	296,000	372,500
Grand Total		\$ 4,919,051	\$ 5,952,127	\$ 5,780,027	\$ 5,743,638

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Aquifer Management Services
Department: General

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Salaries & Wages	100-903-51000-00	Salaries & Wages	2,079,321	2,668,694	2,668,694	2,436,563
	100-903-51100-00	Overtime	1,237	6,000	6,000	6,000
	100-903-51200-00	Sick Leave	94,588	-	-	-
	100-903-51300-00	Vacation Leave	151,851	-	-	-
	100-903-51400-00	Holiday Leave	149,507	-	-	-
Salaries & Wages Total			2,476,504	2,674,694	2,674,694	2,442,563
Employee Benefits	100-903-52002-00	Employer FICA & Medicare	184,908	204,155	204,155	186,397
	100-903-52003-00	Retirement Contributions	750	248,189	248,189	229,768
	100-903-52004-00	LT Disability Insurance	7,570	8,006	8,006	7,553
	100-903-52005-00	Health Insurance	173,179	291,265	291,265	168,713
	100-903-52006-00	Dental Insurance	13,047	14,339	14,339	8,955
	100-903-52008-00	State Unemployment Tax	5,516	8,911	8,911	7,290
	100-903-52024-00	Life & AD&D Insurance	11,928	14,091	14,091	9,649
	100-903-52035-00	Medical Allowance Reimbursement	188,737	82,500	82,500	67,500
	100-903-52100-00	Allowances	5,950	6,600	6,600	6,000
	100-903-52103-00	Pension Expense	290,103	-	-	-
Employee Benefits Total			881,687	878,056	878,056	691,825
Property Services	100-003-54500-00	Non-Capital Furniture & Equipment	-	1,500	1,500	1,500
Property Services Total			-	1,500	1,500	1,500
Other Services	100-003-55400-00	Conferences, Seminars & Training	15,245	24,500	24,500	24,500
	100-003-55500-00	Meeting Expenses	906	1,300	1,300	1,500
	100-003-55900-00	Fees, Licenses and Permits	223	-	-	-
Other Services Total			16,374	25,800	25,800	26,000
Supplies	100-003-56101-00	Computer Supplies	502	1,000	1,000	1,000
	100-003-56501-00	Memberships	8,702	7,500	7,500	9,000
	100-003-56502-00	Subscriptions & Publications	202	650	650	200
Supplies Total			9,406	9,150	9,150	10,200
Capital Asset	100-003-17800-01	Computer Hardware CY	41,310	-	-	-
Capital Asset Total			41,310	-	-	-
Grand Total			\$ 3,425,281	\$ 3,589,200	\$ 3,589,200	\$ 3,172,088

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Aquifer Management Services
Department: Aquifer Protection

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	100-306-53100-00	Contractual Professional Services	24,473	-	-	35,000
	100-306-53100-02	City of San Antonio - ILA Cost Share Reimburse	(175,000)	(175,000)	(175,000)	(175,000)
Professional Technical Services Total			(150,528)	(175,000)	(175,000)	(140,000)
Property Services	100-306-54102-00	Equipment Maintenance & Repairs	46,745	26,500	26,500	3,000
	100-306-54103-00	Facilities Maintenance	-	1,000	1,000	1,000
	100-306-54104-00	Hosting, SAAS and Support Agreements	-	-	-	30,000
	100-306-54500-00	Non-Capital Furniture & Equipment	-	1,500	1,500	3,000
Property Services Total			46,745	29,000	29,000	37,000
Other Services	100-306-55400-00	Conferences, Seminars & Training	1,637	1,000	1,000	1,000
	100-306-55500-00	Meeting Expenses	402	1,000	1,000	1,000
	100-306-55800-00	Travel/Lodging	1,616	3,000	3,000	3,000
Other Services Total			3,654	5,000	5,000	5,000
Supplies	100-306-56103-00	Field Supplies	1,041	3,500	3,500	3,500
Supplies Total			1,041	3,500	3,500	3,500
Capital Asset	100-306-17700-01	Computer Software CY	3,736	11,000	11,000	5,000
Capital Asset Total			3,736	11,000	11,000	5,000
Grand Total			\$ (95,351)	\$ (126,500)	\$ (126,500)	\$ (89,500)

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Aquifer Management Services
Department: Aquifer Science Research

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	100-302-53100-00	Contractual Professional Services	5,141	46,500	46,500	20,000
	100-302-53108-00	Joint Funding Agreement	357,565	380,000	380,000	380,000
	100-302-53110-00	Lab Services	155,273	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	58,098	112,400	112,400	130,000
	100-302-53133-00	Aquifer Science Advisory Panel	-	1,277	1,277	15,000
	100-302-53138-00	Hydrologic Budget Studies	166,277	150,000	150,000	150,000
	100-302-53151-00	Aquarena Center Services	175	5,000	5,000	5,000
	100-302-53153-00	NBU/COSM Interlocal Support	-	15,000	15,000	15,000
	100-302-53154-02	Trinity-Edwards USGS Mapping III				81,450
	100-302-53154-03	Trinity-Edwards USGS Mapping IV				135,000
	100-302-53154-04	Trinity-Edwards USGS Mapping V				-
Professional Technical Services Total			742,529	995,177	995,177	1,216,450
Property Services	100-302-54102-00	Equipment Maintenance & Repairs	14,926	46,600	46,600	15,000
	100-302-54104-00	Hosting, SAAS and Support Agreements	-	-	-	40,000
	100-302-54201-00	Equipment Rental	935	2,500	2,500	2,500
	100-302-54202-00	Facilities Rental	-	3,500	3,500	3,500
	100-302-54300-00	Event Sponsorships	-	-	-	2,500
	100-302-54500-00	Non-Capital Furniture & Equipment	18,112	10,000	10,000	15,000
Property Services Total			33,973	62,600	62,600	78,500
Other Services	100-302-55100-00	Printing	-	2,500	2,500	2,500
	100-302-55400-00	Conferences, Seminars & Training	4,475	14,000	14,000	15,500
	100-302-55500-00	Meeting Expenses	1,157	1,500	1,500	1,500
	100-302-55800-00	Travel/Lodging	2,014	3,000	3,000	3,000
Other Services Total			7,645	21,000	21,000	22,500
Supplies	100-302-56103-00	Field Supplies	29,932	40,000	40,000	40,000
Supplies Total			29,932	40,000	40,000	40,000
Capital Asset	100-302-17500-04	Well Logging Equipment CY	-	5,000	5,000	-
	100-302-17500-05	Water Sampling/Monitoring Equipment CY	23,773	45,000	45,000	45,000
	100-302-17700-01	Computer Software CY	2,871	10,000	10,000	5,000
	100-302-17800-01	Computer Hardware CY	2,425	4,000	4,000	5,000
Capital Asset Total			29,069	64,000	64,000	55,000
Grand Total			\$ 843,148	\$ 1,182,777	\$ 1,182,777	\$ 1,412,450

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Aquifer Management Services
Department: Data Management

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	100-312-53100-00	Contractual Professional Services	-	-	-	15,000
Professional Technical Services Total			-	-	-	15,000
Property Services	100-302-54104-00	Hosting, SAAS and Support Agreements	-	-	-	35,000
	100-312-54102-00	Equipment Maintenance & Repairs	-	-	-	20,000
	100-312-54103-00	Facilities Maintenance	-	-	-	7,500
	100-312-54201-00	Equipment Rental	-	-	-	2,500
	100-312-54500-00	Non-Capital Furniture & Equipment	-	-	-	3,500
Property Services Total			-	-	-	68,500
Other Services	100-312-55100-00	Printing	-	-	-	1,000
	100-312-55300-00	Telecommunication Services	-	-	-	8,000
	100-312-55500-00	Meeting Expenses	-	-	-	1,500
Other Services Total			-	-	-	10,500
Supplies	100-312-56103-00	Field Supplies	-	-	-	20,000
	100-312-56400-00	Electrical Services	-	-	-	2,000
Supplies Total			-	-	-	22,000
Capital Asset	100-312-17500-05	Water Sampling/Monitoring Equipment CY	-	-	-	35,000
	100-312-17700-01	Computer Software CY	-	-	-	110,000
	100-312-17800-01	Computer Hardware CY	-	-	-	7,500
Capital Asset Total			-	-	-	152,500
Grand Total			\$ -	\$ -	\$ -	\$ 268,500

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Aquifer Management Services
Department: Groundwater Protection

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	100-307-53100-00	Contractual Professional Services	1,040	15,000	15,000	15,000
	100-307-53154-01	Trinity-Edwards USGS Mapping II	62,475	-	-	
	100-307-53154-02	Trinity-Edwards USGS Mapping III	119,500	155,500	155,500	
	100-307-53154-03	Trinity-Edwards USGS Mapping IV	-	50,000	50,000	
Professional Technical Services Total			183,015	220,500	220,500	15,000
Property Services	100-307-54103-00	Facilities Maintenance	54,864	251,000	65,000	315,000
	100-307-54201-00	Equipment Rental	-	2,000	2,000	1,000
	100-307-54500-00	Non-Capital Furniture & Equipment	-	2,000	2,000	6,000
Property Services Total			54,864	255,000	69,000	322,000
Other Services	100-307-55100-00	Printing	-	4,000	4,000	1,000
	100-307-55500-00	Meeting Expenses	86	850	850	850
Other Services Total			86	4,850	4,850	1,850
Supplies	100-307-56103-00	Field Supplies	82	1,600	1,600	2,000
Supplies Total			82	1,600	1,600	2,000
Capital Asset	100-307-17500-05	Water Sampling/Monitoring Equipment CY	-	4,000	4,000	-
Capital Asset Total			-	4,000	4,000	-
Grand Total			\$ 238,048	\$ 485,950	\$ 299,950	\$ 340,850

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Aquifer Management Services
Department: Karst Initiatives

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	100-310-53100-00	Contractual Professional Services	5,000	50,000	50,000	50,000
Professional Technical Services Total			5,000	50,000	50,000	50,000
Property Services	100-310-54300-00	Event Sponsorships	5,000	5,000	5,000	2,500
Property Services Total			5,000	5,000	5,000	2,500
Other Services	100-310-55100-00	Printing	-	750	750	750
	100-310-55400-00	Conferences, Seminars & Training	2,929	7,500	7,500	7,500
	100-310-55500-00	Meeting Expenses	8,468	10,000	10,000	10,000
	100-310-55800-00	Travel/Lodging	2,515	2,500	2,500	2,500
Other Services Total			13,912	20,750	20,750	20,750
Supplies	100-310-56103-00	Field Supplies	2,303	4,500	4,500	5,000
	100-310-56105-00	Office Supplies	36	-	-	-
	100-310-56501-00	Memberships	117	-	-	-
Supplies Total			2,456	4,500	4,500	5,000
Capital Asset	100-310-17800-01	Computer Hardware CY	1,699	-	-	-
Capital Asset Total			1,699	-	-	-
Grand Total			\$ 28,067	\$ 80,250	\$ 80,250	\$ 78,250

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Aquifer Management Services
Department: Modeling

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	100-304-53100-00	Contractual Professional Services	7,721	15,000	15,000	15,000
	100-304-53118-00	EA Model	109,119	130,000	130,000	100,000
	100-304-53119-00	Groundwater Mgt Advisory Panel	-	15,000	15,000	15,000
Professional Technical Services Total			116,839	160,000	160,000	130,000
Property Services	100-304-54102-00	Equipment Maintenance & Repairs	17,788	53,000	53,000	-
	100-304-54103-00	Facilities Maintenance	-	7,500	7,500	-
	100-304-54201-00	Equipment Rental	-	5,000	5,000	2,500
	100-304-54500-00	Non-Capital Furniture & Equipment	53	2,500	2,500	3,500
Property Services Total			17,841	68,000	68,000	6,000
Other Services	100-304-55100-00	Printing	-	2,000	2,000	1,000
	100-304-55300-00	Telecommunication Services	6,870	15,000	15,000	-
	100-304-55500-00	Meeting Expenses	148	3,000	3,000	1,500
Other Services Total			7,018	20,000	20,000	2,500
Supplies	100-304-56103-00	Field Supplies	4,984	20,000	20,000	-
	100-304-56400-00	Electrical Services	547	1,200	1,200	-
Supplies Total			5,531	21,200	21,200	-
Capital Asset	100-304-17500-05	Water Sampling/Monitoring Equipment CY	26,015	35,000	35,000	-
	100-304-17700-01	Computer Software CY	5,670	20,000	20,000	10,000
	100-304-17700-02	Computer Software CY	-	-	-	50,000
	100-304-17800-01	Computer Hardware CY	-	87,000	87,000	100,000
Capital Asset Total			31,685	142,000	142,000	160,000
Grand Total			\$ 178,914	\$ 411,200	\$ 411,200	\$ 298,500

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Aquifer Management Services
Department: Range Management

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	100-305-53102-00	Land Management	\$ 6,043	\$ 50,000	\$ 50,000	\$ 50,000
Professional Technical Services Total			6,043	50,000	50,000	50,000
Property Services	100-305-54102-00	Equipment Maintenance & Repairs	380	1,500	1,500	1,500
	100-305-54300-00	Event Sponsorships		500	500	
Property Services Total			380	2,000	2,000	1,500
Other Services	100-305-55100-00	Printing	495	2,000	2,000	2,000
	100-305-55500-00	Meeting Expenses	611	2,000	2,000	2,500
Other Services Total			1,106	4,000	4,000	4,500
Supplies	100-305-56103-00	Field Supplies	62	550	550	1,000
Supplies Total			62	550	550	1,000
Grand Total			\$ 7,592	\$ 56,550	\$ 56,550	\$ 57,000

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Aquifer Management Services
Department: Recharge Management

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	100-309-53105-00	Precipitation Enhancement	\$ 161,873	\$ 163,000	\$ 163,000	\$ 163,000
Professional Technical Services Total			161,873	163,000	163,000	163,000
Grand Total			\$ 161,873	\$ 163,000	\$ 163,000	\$ 163,000

Edwards Aquifer Authority
2020 Adopted Operating Budget

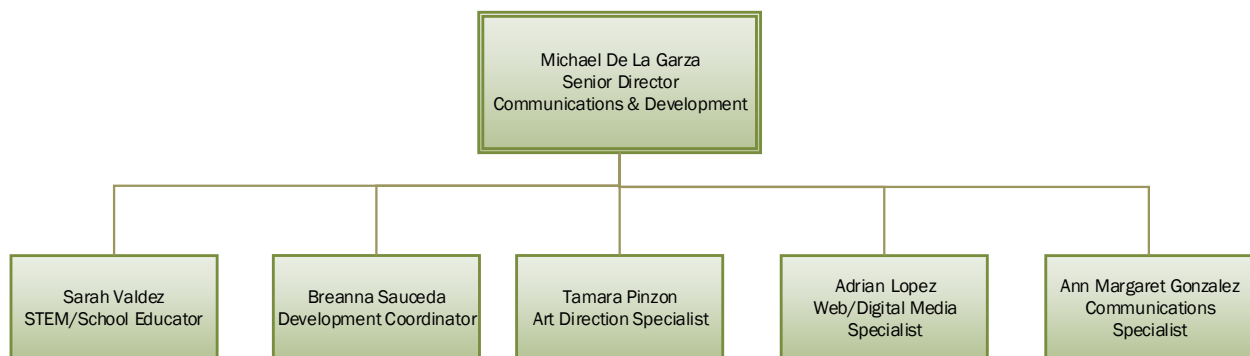
Division: Aquifer Management Services
Department: Remote Gaging

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Property Services	100-308-54102-00	Equipment Maintenance & Repairs	\$ 3,546	\$ 5,000	\$ 15,000	\$ 7,500
	100-308-54202-00	Facilities Rental	14,952	8,100	12,000	-
	100-308-54500-00	Non-Capital Furniture & Equipment	-	5,000	5,000	10,000
Property Services Total			18,498	18,100	32,000	17,500
Other Services	100-308-55300-00	Telecommunication Services	2,202	15,600	15,600	20,000
Other Services Total			2,202	15,600	15,600	20,000
Supplies	100-308-56103-00	Field Supplies	780	1,000	1,000	5,000
Supplies Total			780	1,000	1,000	5,000
Capital Asset	100-308-17500-02	Remote Monitoring Equipment CY	110,000	75,000	75,000	-
Capital Asset Total			110,000	75,000	75,000	-
Grand Total			\$ 131,480	\$ 109,700	\$ 123,600	\$ 42,500

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.
-  **Public Information:** To convey its mission in 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 will be completed and internally managed by EAA staff. This will facilitate our abilities to place and promote critical information in a timely and accurate manner and will lead to enhanced opportunities to promote the EAA, in tandem with our already vigorous Social Media efforts, which will continue as well
-  **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 area teachers. This next year we will be occupied with formulating and executing a plan for the Education Outreach 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	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Salaries & Wages	\$ 351,412	\$ 409,200	\$ 409,200	\$ 409,944
Employee Benefits	93,543	149,133	149,133	131,114
Professional Technical Services	362,215	381,919	356,500	375,000
Property Services	37,618	73,300	73,300	107,500
Other Services	36,420	45,000	45,000	80,000
Supplies	64,223	77,500	77,500	107,000
Capital Asset	1,085	-	-	-
Grand Total	\$ 946,516	\$ 1,136,052	\$ 1,110,633	\$ 1,210,558

Division Expenses, by Department:

Department	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
C&D - General	\$ 474,841	\$ 638,752	\$ 613,333	\$ 546,058
Public Information	355,665	362,500	362,500	478,500
School Education	116,009	134,800	134,800	186,000
Grand Total	\$ 946,516	\$ 1,136,052	\$ 1,110,633	\$ 1,210,558

Edwards Aquifer Authority
2020 Adopted Operating Budget

Communications & Development Division Summary

Expense Classification		2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Salaries & Wages	Salaries & Wages	\$ 299,275	\$ 409,200	\$ 409,200	\$ 409,944
	Sick Leave	12,275	-	-	-
	Vacation Leave	18,944	-	-	-
	Holiday Leave	20,918	-	-	-
	Salaries & Wages Total	351,412	409,200	409,200	409,944
Employee Benefits	Allowances	1,725	4,200	4,200	2,100
	Dental Insurance	2,412	2,607	2,607	1,990
	Employer FICA & Medicare	23,465	31,304	31,304	31,361
	Health Insurance	34,207	52,957	52,957	37,492
	Life & AD&D Insurance	1,725	2,161	2,161	1,623
	LT Disability Insurance	1,138	1,228	1,228	1,271
	Medical Allowance Reimbursement	26,370	15,000	15,000	15,000
	Retirement Contributions	1,452	38,056	38,056	38,658
	State Unemployment Tax	1,048	1,620	1,620	1,620
Employee Benefits Total		93,543	149,133	149,133	131,114
Professional Technical Services	Contractual Professional Services	362,215	381,919	356,500	375,000
Professional Technical Services Total		362,215	381,919	356,500	375,000
Property Services	Event Sponsorships	31,069	58,000	58,000	85,000
	Facilities Rental	6,257	10,000	10,000	15,000
	Non-Capital Furniture & Equipment	292	5,300	5,300	7,500
Property Services Total		37,618	73,300	73,300	107,500
Other Services	Conferences, Seminars & Training	3,459	5,000	5,000	5,000
	Meeting Expenses	1,239	5,000	5,000	10,000
	Printing	31,723	35,000	35,000	65,000
Other Services Total		36,420	45,000	45,000	80,000
Supplies	Clothing	375	-	-	-
	Event Materials and Supplies	4,063	8,000	8,000	20,000
	Office Supplies	2,771	2,500	2,500	10,000
	Promotional Supplies	52,881	60,000	60,000	70,000
	Subscriptions & Publications	4,133	7,000	7,000	7,000
Supplies Total		64,223	77,500	77,500	107,000
Capital Asset	Furniture & Office Equipment CY	1,085	-	-	-
Capital Asset Total		1,085	-	-	-
Grand Total		\$ 946,516	\$ 1,136,052	\$ 1,110,633	\$ 1,210,558

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Communications & Development
Department: General

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Salaries & Wages	100-906-51000-00	Salaries & Wages	\$ 299,275	\$ 409,200	\$ 409,200	\$ 409,944
	100-906-51200-00	Sick Leave	12,275	-	-	-
	100-906-51300-00	Vacation Leave	18,944	-	-	-
	100-906-51400-00	Holiday Leave	20,918	-	-	-
Salaries & Wages Total			351,412	409,200	409,200	409,944
Employee Benefits	100-906-52002-00	Employer FICA & Medicare	23,465	31,304	31,304	31,361
	100-906-52003-00	Retirement Contributions	1,452	38,056	38,056	38,658
	100-906-52004-00	LT Disability Insurance	1,138	1,228	1,228	1,271
	100-906-52005-00	Health Insurance	34,207	52,957	52,957	37,492
	100-906-52006-00	Dental Insurance	2,412	2,607	2,607	1,990
	100-906-52008-00	State Unemployment Tax	1,048	1,620	1,620	1,620
	100-906-52024-00	Life & AD&D Insurance	1,725	2,161	2,161	1,623
	100-906-52035-00	Medical Allowance Reimbursement	26,370	15,000	15,000	15,000
	100-906-52100-00	Allowances	1,725	4,200	4,200	2,100
Employee Benefits Total			93,543	149,133	149,133	131,114
Professional Technical Services	100-006-53100-00	Contractual Professional Services	25,291	75,419	50,000	-
Professional Technical Services Total			25,291	75,419	50,000	-
Other Services	100-006-55400-00	Conferences, Seminars & Training	3,459	5,000	5,000	5,000
	100-006-55500-00	Meeting Expenses	51	-	-	-
Other Services Total			3,510	5,000	5,000	5,000
Capital Asset	100-006-17500-01	Furniture & Office Equipment CY	1,085	-	-	-
Capital Asset Total			1,085	-	-	-
Grand Total			\$ 474,841	\$ 638,752	\$ 613,333	\$ 546,058

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Communications & Development
Department: Public Information

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	100-403-53100-00	Contractual Professional Services	\$ 277,163	\$ 243,000	\$ 243,000	\$ 285,000
Professional Technical Services Total			277,163	243,000	243,000	285,000
Property Services	100-403-54202-00	Facilities Rental	6,257	10,000	10,000	15,000
	100-403-54300-00	Event Sponsorships	19,356	45,000	45,000	65,000
Property Services Total			25,612	55,000	55,000	80,000
Other Services	100-403-55100-00	Printing	18,202	20,000	20,000	40,000
	100-403-55500-00	Meeting Expenses	907	5,000	5,000	8,500
Other Services Total			19,109	25,000	25,000	48,500
Supplies	100-403-56102-00	Promotional Supplies	24,507	25,000	25,000	35,000
	100-403-56105-00	Office Supplies	1,970	1,500	1,500	5,000
	100-403-56106-00	Clothing	249	-	-	-
	100-403-56107-00	Event Materials and Supplies	4,063	8,000	8,000	20,000
	100-403-56502-00	Subscriptions & Publications	2,992	5,000	5,000	5,000
Supplies Total			33,781	39,500	39,500	65,000
Grand Total			\$ 355,665	\$ 362,500	\$ 362,500	\$ 478,500

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Communications & Development
Department: School Education

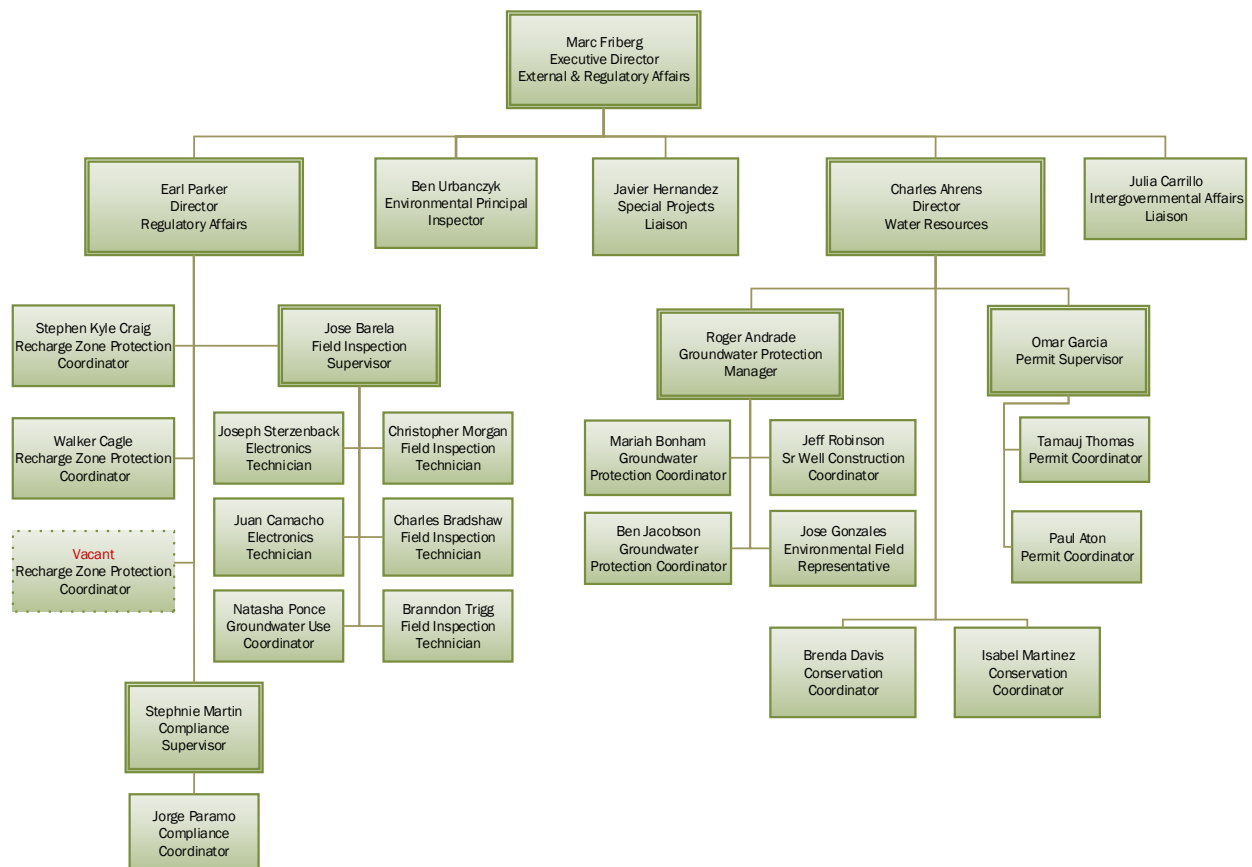
Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	100-405-53100-00	Contractual Professional Services	\$ 59,760	\$ 63,500	\$ 63,500	\$ 90,000
Professional Technical Services Total			59,760	63,500	63,500	90,000
Property Services	100-405-54300-00	Event Sponsorships	11,713	13,000	13,000	20,000
	100-405-54500-00	Non-Capital Furniture & Equipment	292	5,300	5,300	7,500
Property Services Total			12,006	18,300	18,300	27,500
Other Services	100-405-55100-00	Printing	13,521	15,000	15,000	25,000
	100-405-55500-00	Meeting Expenses	281	-	-	1,500
Other Services Total			13,802	15,000	15,000	26,500
Supplies	100-405-56102-00	Promotional Supplies	28,373	35,000	35,000	35,000
	100-405-56105-00	Office Supplies	802	1,000	1,000	5,000
	100-405-56106-00	Clothing	126	-	-	-
	100-405-56502-00	Subscriptions & Publications	1,141	2,000	2,000	2,000
Supplies Total			30,442	38,000	38,000	42,000
Grand Total			\$ 116,009	\$ 134,800	\$ 134,800	\$ 186,000

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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 administering and enforcing the EAA's rules 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 outreach efforts, including communicating critical issues clearly and concisely, increasing pro-active efforts to build support of the EAA mission throughout the region, and ensuring good communication with all levels of government. 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 of abandoned wells is the responsibility of the property owner. Property owners who do not have the means to properly address their abandoned well may apply to the EAA for financial assistance. Financial assistance may be provided, in full or in part, depending on a demonstrated financial need. In cases where the property owner qualifies for financial assistance, EAA contractors will permanently close the well.
-  **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 Remote Meter and Meter Accuracy Verification programs.

 **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 standards, and helps to facilitate conservation through an EAA groundwater conservation program, which includes an internal grant program, and through the identification and remediation of abandoned wells within the region. 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	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Salaries & Wages	\$ 1,649,991	\$ 1,850,873	\$ 1,850,873	\$ 2,355,521
Employee Benefits	639,350	634,617	634,617	704,864
Professional Technical Services	811,868	909,820	909,820	987,000
Property Services	35,331	74,700	74,700	120,655
Other Services	19,074	42,200	42,200	50,815
Supplies	9,382	20,850	20,850	17,100
Other Expenses	205,918	200,000	200,000	100,000
Capital Asset	34,814	33,000	33,000	3,000
Grand Total	\$ 3,405,728	\$ 3,766,060	\$ 3,766,060	\$ 4,338,955

Division Expenses, by Department:

Department	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
ERA - General	\$ 2,305,611	\$ 2,515,690	\$ 2,515,690	\$ 3,090,585
Abandoned Well Closure	-	257,000	257,000	257,000
Elections	145,819	-	-	400,000
Intergovernmental Relations	542,255	207,000	207,000	202,000
Meters	115,967	142,500	156,500	154,520
Regulatory Affairs & Water Resources	296,076	643,870	629,870	234,850
Grand Total	\$ 3,405,728	\$ 3,766,060	\$ 3,766,060	\$ 4,338,955

Edwards Aquifer Authority
2020 Adopted Operating Budget

External & Regulatory Affairs Division Summary

Expense Classification		2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Salaries & Wages	Salaries & Wages	\$ 1,369,086	\$ 1,850,873	\$ 1,850,873	\$ 2,355,521
	Overtime	1,246	-	-	-
	Sick Leave	69,703	-	-	-
	Vacation Leave	108,998	-	-	-
	Holiday Leave	100,958	-	-	-
Salaries & Wages Total		1,649,991	1,850,873	1,850,873	2,355,521
Employee Benefits	Allowances	4,800	4,800	4,800	5,400
	Dental Insurance	9,655	10,863	10,863	9,950
	Employer FICA & Medicare	119,057	141,592	141,592	180,197
	Health Insurance	128,347	220,655	220,655	187,459
	Life & AD&D Insurance	8,653	9,773	9,773	9,328
	LT Disability Insurance	5,449	5,553	5,553	7,302
	Medical Allowance Reimbursement	109,682	62,500	62,500	75,000
	Pension Expense	249,837	-	-	-
	Retirement Contributions	(520)	172,131	172,131	222,126
	State Unemployment Tax	4,389	6,750	6,750	8,102
Employee Benefits Total		639,350	634,617	634,617	704,864
Professional Technical Services	Contractual Professional Services	124,935	714,820	714,820	392,000
	Election Expense	145,819	-	-	400,000
	Intergovernmental Cooperative	3,282	25,000	25,000	25,000
	Legislative Services	134,144	150,000	150,000	150,000
	NBU/COSM Interlocal Support	397,416	-	-	-
	Region L	6,272	17,000	17,000	17,000
	Well Logging - Pilot Program	-	3,000	3,000	3,000
Professional Technical Services Total		811,868	909,820	909,820	987,000
Property Services	Equipment Maintenance & Repairs	17,547	25,500	25,500	22,225
	Equipment Rental	1,200	2,000	2,000	4,000
	Event Sponsorships	-	5,000	5,000	5,000
	Facilities Rental	-	1,200	1,200	1,000
	Hosting, SAAS and Support Agreements	-	-	-	11,680
	Non-Capital Furniture & Equipment	16,584	41,000	41,000	76,750
Property Services Total		35,331	74,700	74,700	120,655
Other Services	Conferences, Seminars & Training	10,268	15,000	15,000	15,000
	Meeting Expenses	3,826	9,700	9,700	9,700
	Printing	35	1,500	1,500	5,500
	Public & Legal Notices	-	2,000	2,000	2,000
	Telecommunication Services	4,919	14,000	14,000	18,615
	Travel/Lodging	26	-	-	-
Other Services Total		19,074	42,200	42,200	50,815
Supplies	Electrical Services	273	750	750	-
	Field Supplies	5,516	6,000	6,000	8,000
	Memberships	3,455	3,000	3,000	3,000
	Office Supplies	6	100	100	100
	Subscriptions & Publications	132	11,000	11,000	6,000
Supplies Total		9,382	20,850	20,850	17,100
Other Expenses	Conservation Grants	205,918	200,000	200,000	100,000
Other Expenses Total		205,918	200,000	200,000	100,000
Capital Asset	Computer Hardware CY	2,635	3,000	3,000	3,000
	Water Meters CY	32,179	30,000	30,000	-
Capital Asset Total		34,814	33,000	33,000	3,000

Edwards Aquifer Authority
2020 Adopted Operating Budget

External & Regulatory Affairs Division Summary

Expense Classification	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Grand Total	\$ 3,405,728	\$ 3,766,060	\$ 3,766,060	\$ 4,338,955

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: External & Regulatory Affairs
Department: General

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Salaries & Wages	100-904-51000-00	Salaries & Wages	\$ 1,369,086	\$ 1,850,873	\$ 1,850,873	\$ 2,355,521
	100-904-51100-00	Overtime	1,246	-	-	-
	100-904-51200-00	Sick Leave	69,703	-	-	-
	100-904-51300-00	Vacation Leave	108,998	-	-	-
	100-904-51400-00	Holiday Leave	100,958	-	-	-
Salaries & Wages Total			1,649,991	1,850,873	1,850,873	2,355,521
Employee Benefits	100-904-52002-00	Employer FICA & Medicare	119,057	141,592	141,592	180,197
	100-904-52003-00	Retirement Contributions	(520)	172,131	172,131	222,126
	100-904-52004-00	LT Disability Insurance	5,449	5,553	5,553	7,302
	100-904-52005-00	Health Insurance	128,347	220,655	220,655	187,459
	100-904-52006-00	Dental Insurance	9,655	10,863	10,863	9,950
	100-904-52008-00	State Unemployment Tax	4,389	6,750	6,750	8,102
	100-904-52024-00	Life & AD&D Insurance	8,653	9,773	9,773	9,328
	100-904-52035-00	Medical Allowance Reimbursement	109,682	62,500	62,500	75,000
	100-904-52100-00	Allowances	4,800	4,800	4,800	5,400
	100-904-52103-00	Pension Expense	249,837	-	-	-
Employee Benefits Total			639,350	634,617	634,617	704,864
Other Services	100-004-55400-00	Conferences, Seminars & Training	10,268	15,000	15,000	15,000
	100-004-55500-00	Meeting Expenses	2,415	3,200	3,200	3,200
Other Services Total			12,683	18,200	18,200	18,200
Supplies	100-004-56501-00	Memberships	3,455	3,000	3,000	3,000
	100-004-56502-00	Subscriptions & Publications	132	6,000	6,000	6,000
Supplies Total			3,587	9,000	9,000	9,000
Capital Asset	100-004-17800-01	Computer Hardware CY	-	3,000	3,000	3,000
Capital Asset Total			-	3,000	3,000	3,000
Grand Total			\$ 2,305,611	\$ 2,515,690	\$ 2,515,690	\$ 3,090,585

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: External & Regulatory Affairs
Department: Abandoned Well Closure

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	235-311-53100-00	Contractual Professional Services	\$ -	\$ 225,000	\$ 225,000	\$ 225,000
	235-311-53117-00	Well Logging - Pilot Program	-	3,000	3,000	3,000
Professional Technical Services Total			-	228,000	228,000	228,000
Property Services	235-311-54201-00	Equipment Rental	-	1,000	1,000	1,000
	235-311-54500-00	Non-Capital Furniture & Equipment	-	26,000	26,000	26,000
Property Services Total			-	27,000	27,000	27,000
Other Services	235-311-55200-00	Public & Legal Notices	-	2,000	2,000	2,000
Other Services Total			-	2,000	2,000	2,000
Grand Total			\$ -	\$ 257,000	\$ 257,000	\$ 257,000

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: External & Regulatory Affairs
Department: Elections

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	100-401-53150-00	Election Expense	\$ 145,819	\$ -	\$ -	\$ 400,000
Professional Technical Services Total			145,819	-	-	400,000
Grand Total			\$ 145,819	\$ -	\$ -	\$ 400,000

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: External & Regulatory Affairs
Department: Intergovernmental Relations

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	100-402-53143-00	Legislative Services	\$ 134,144	\$ 150,000	\$ 150,000	\$ 150,000
	100-402-53145-00	Region L	6,272	17,000	17,000	17,000
	100-402-53153-00	NBU/COSM Interlocal Support	397,416	-	-	-
	100-402-53155-00	Intergovernmental Cooperative	3,282	25,000	25,000	25,000
Professional Technical Services Total			541,114	192,000	192,000	192,000
Property Services	100-402-54300-00	Event Sponsorships	-	5,000	5,000	5,000
Property Services Total			-	5,000	5,000	5,000
Other Services	100-402-55500-00	Meeting Expenses	1,141	5,000	5,000	5,000
Other Services Total			1,141	5,000	5,000	5,000
Supplies	100-402-56502-00	Subscriptions & Publications	-	5,000	5,000	-
Supplies Total			-	5,000	5,000	-
Grand Total			\$ 542,255	\$ 207,000	\$ 207,000	\$ 202,000

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: External & Regulatory Affairs
Department: Meters

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	100-406-53100-00	Contractual Professional Services	\$ 34,890	\$ 52,800	\$ 66,800	\$ 52,000
Professional Technical Services Total			34,890	52,800	66,800	52,000
Property Services	100-406-54102-00	Equipment Maintenance & Repairs	17,547	25,500	25,500	22,225
	100-406-54104-00	Hosting, SAAS and Support Agreements	-	-	-	11,680
	100-406-54201-00	Equipment Rental	1,200	1,000	1,000	1,000
	100-406-54202-00	Facilities Rental	-	1,200	1,200	1,000
	100-406-54500-00	Non-Capital Furniture & Equipment	16,584	10,000	10,000	40,750
Property Services Total			35,331	37,700	37,700	76,655
Other Services	100-406-55100-00	Printing	35	750	750	750
	100-406-55300-00	Telecommunication Services	4,919	14,000	14,000	18,615
	100-406-55500-00	Meeting Expenses	189	500	500	500
Other Services Total			5,143	15,250	15,250	19,865
Supplies	100-406-56103-00	Field Supplies	5,516	6,000	6,000	6,000
	100-406-56400-00	Electrical Services	273	750	750	-
Supplies Total			5,789	6,750	6,750	6,000
Capital Asset	100-406-17500-03	Water Meters CY	32,179	30,000	30,000	-
	100-406-17800-01	Computer Hardware CY	2,635	-	-	-
Capital Asset Total			34,814	30,000	30,000	-
Grand Total			\$ 115,967	\$ 142,500	\$ 156,500	\$ 154,520

Edwards Aquifer Authority
2020 Adopted Operating Budget

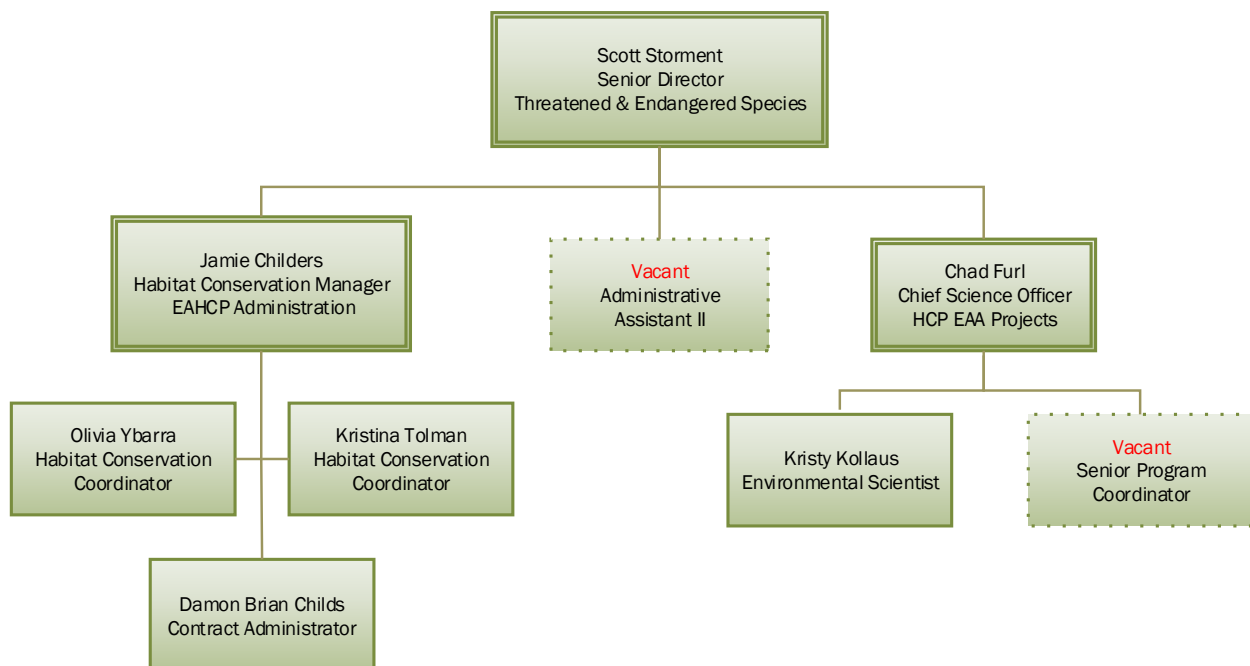
Division: External & Regulatory Affairs
Department: Regulatory Affairs & Water Resources

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	100-407-53100-00	Contractual Professional Services	\$ 86,503	\$ 100,000	\$ 86,000	\$ 115,000
	225-407-53100-00	Contractual Professional Services	3,542	337,020	337,020	-
Professional Technical Services Total			90,045	437,020	423,020	115,000
Property Services	100-407-54201-00	Equipment Rental	-	-	-	2,000
	100-407-54500-00	Non-Capital Furniture & Equipment	-	5,000	5,000	10,000
Property Services Total			-	5,000	5,000	12,000
Other Services	100-407-55100-00	Printing	-	750	750	4,750
	100-407-55500-00	Meeting Expenses	81	1,000	1,000	1,000
	100-407-55800-00	Travel/Lodging	26	-	-	-
Other Services Total			107	1,750	1,750	5,750
Supplies	100-407-56103-00	Field Supplies	-	-	-	2,000
	100-407-56105-00	Office Supplies	6	100	100	100
Supplies Total			6	100	100	2,100
Other Expenses	100-407-58100-00	Conservation Grants	205,918	200,000	200,000	100,000
Other Expenses Total			205,918	200,000	200,000	100,000
Grand Total			\$ 296,076	\$ 643,870	\$ 629,870	\$ 234,850

**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 Senior 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.
-  **Modeling & Research:** Modeling and research expenses are focused on the applied research program and overhead costs at the applied research facility located at Texas State University. Expenses in this category are designed to support the adaptive management process.
-  **Refugia:** Refugia includes costs are 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, and meetings and presentations.

Division Expenses, by Classification:

Expense Classification	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Salaries & Wages	\$ 340,658	\$ 520,567	\$ 520,567	\$ 498,347
Employee Benefits	144,602	180,962	180,962	157,088
Professional Technical Services	20,747,071	18,662,558	17,084,752	13,315,185
Property Services	2,359	1,515	1,000	1,500
Other Services	26,759	33,200	32,800	55,500
Supplies	21,415	15,000	18,000	27,500
Other Expenses	7,967	-	-	-
Capital Asset	16,510	43,000	43,000	28,500
Grand Total	\$ 21,307,341	\$ 19,456,802	\$ 17,881,081	\$ 14,083,620

Division Expenses, by EAHCP Program:

Program	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Program Administration	\$ 990,086	\$ 1,018,044	\$ 1,017,629	\$ 1,033,435
Springflow Protection	14,794,395	12,253,192	12,253,192	9,408,319
San Marcos Springs	862,124	2,418,112	1,124,589	1,122,465
Comal Springs	769,471	1,179,264	897,481	1,117,719
Applied Research	95,652	190,000	190,000	250,000
Refugia	3,795,613	2,398,190	2,398,190	1,151,682
Grand Total	\$ 21,307,341	\$ 19,456,802	\$ 17,881,081	\$ 14,083,620

Edwards Aquifer Authority
2020 Adopted Operating Budget

Threatened & Endangered Species Division Summary

Expense Classification		2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Salaries & Wages	Salaries & Wages	\$ 311,027	\$ 520,567	\$ 520,567	\$ 498,347
	Sick Leave	14,447	-	-	-
	Vacation Leave	11,378	-	-	-
	Holiday Leave	22,350	-	-	-
	Compensated Absences	(18,544)	-	-	-
Salaries & Wages Total		340,658	520,567	520,567	498,347
Employee Benefits	Allowances	2,850	4,200	4,200	3,000
	Dental Insurance	1,951	3,042	3,042	2,322
	Employer FICA & Medicare	27,191	39,823	39,823	38,124
	Health Insurance	25,704	61,783	61,783	43,740
	Life & AD&D Insurance	1,731	2,749	2,749	1,973
	LT Disability Insurance	1,071	1,562	1,562	1,545
	Medical Reimbursement	24,489	17,500	17,500	17,500
	Pension Expense	58,701	-	-	-
	Retirement Contributions	(426)	48,413	48,413	46,994
	State Unemployment Tax	1,341	1,890	1,890	1,890
Employee Benefits Total		144,602	180,962	180,962	157,088
Professional Technical Services	Applied Research	95,652	180,000	180,000	240,000
	Aquatic Vegetation Restoration	49,987	100,000	100,000	100,000
	Bank Stabilization/Permanent Access Points	-	-	-	-
	Biological Monitoring	408,240	755,774	395,774	755,774
	Contractual Professional Services	129,055	284,000	284,000	313,000
	Decaying Vegetation Removal	14,999	15,000	15,000	15,000
	Flow Split Management	-	-	-	-
	Gill Parasite Control	29,969	10,000	-	10,000
	Household Hazardous Waste Program	59,999	60,000	60,000	68,000
	LID/BMP Management	174,373	1,757,806	550,000	355,000
	Litter Control/Floating Vegetation	35,999	104,330	104,330	74,688
	Management - Key Public Rec Areas	56,000	56,000	56,000	56,000
	NAS Science Review	336,984	-	-	-
	NFHTC Refugia	3,795,613	2,398,190	2,398,190	1,151,682
	Non-Native Animal Species Control	79,736	81,750	81,750	77,285
	Non-Native Plant Spec Control	110,139	130,280	130,280	119,277
	Old Channel Restoration	99,991	50,000	50,000	50,000
	Regional Municipal Water Conservation	4,507,750	4,507,750	4,507,750	600,400
	Restoration - Riparian Zones	70,000	120,000	120,000	145,000
	Riparian Improvement - Riffle Beetle	33,405	25,000	25,000	10,000
	SAWS ASR Leasing	7,282,989	4,539,595	4,539,595	5,891,594
	SAWS ASR O&M	683,347	683,347	683,347	408,255
	TX Wild Rice Enh./Restoration	128,000	112,000	112,000	73,750
	VISPO	2,320,309	2,522,500	2,522,500	2,508,070
	Water Quality Monitoring	244,536	169,236	169,236	292,410
Professional Technical Services Total		20,747,071	18,662,558	17,084,752	13,315,185
Property Services	Non-Capital Furniture & Equipment	2,359	1,515	1,000	1,500
Property Services Total		2,359	1,515	1,000	1,500
Other Services	Conferences, Seminars & Training	2,858	2,500	8,100	27,500
	Meeting Expenses	17,853	20,000	13,000	20,000
	Printing	998	2,000	6,000	8,000
	Telecommunication Services	4,680	5,700	5,700	-
	Travel/Lodging	370	3,000	-	-
Other Services Total		26,759	33,200	32,800	55,500
Supplies	Field Supplies	18,632	11,500	14,000	24,000
	Memberships	1,000	500	300	2,000
	Office Supplies	1,783	3,000	3,700	1,500
Supplies Total		21,415	15,000	18,000	27,500

Edwards Aquifer Authority
2020 Adopted Operating Budget

Threatened & Endangered Species Division Summary

Expense Classification		2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Other Expenses	Bad Debt Expense	7,967	-	-	-
Other Expenses Total		7,967	-	-	-
Capital Asset	Computer Hardware CY	2,100	5,000	5,000	7,000
	Computer Software CY	1,500	5,000	5,000	7,500
	Water Quality Monitoring Equipment	12,910	33,000	33,000	14,000
Capital Asset Total		16,510	43,000	43,000	28,500
Grand Total		\$ 21,307,341	\$ 19,456,802	\$ 17,881,081	\$ 14,083,620

Edwards Aquifer Authority
2020 Adopted Operating Budget

Threatened & Endangered Species Division Summary, by Program/Measure

Department/Measure	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Program Administration	Salaries & Wages	\$ 311,027	\$ 520,567	\$ 520,567	\$ 498,347
	Sick Leave	14,447	-	-	-
	Vacation Leave	11,378	-	-	-
	Holiday Leave	22,350	-	-	-
	Compensated Absences	(18,544)	-	-	-
	Allowances	2,850	4,200	4,200	3,000
	Bad Debt Expense	7,967	-	-	-
	Computer Hardware CY	2,100	-	-	3,000
	Computer Software CY	1,500	-	-	1,500
	Conferences, Seminars & Training	2,858	2,500	8,100	27,500
	Contractual Professional Services	129,055	284,000	284,000	313,000
	Dental Insurance	1,951	3,042	3,042	2,322
	Employer FICA & Medicare	27,191	39,823	39,823	38,124
	Health Insurance	25,704	61,783	61,783	43,740
	Life & AD&D Insurance	1,731	2,749	2,749	1,973
	LT Disability Insurance	1,071	1,562	1,562	1,545
	Medical Reimbursement	24,489	17,500	17,500	17,500
	Meeting Expenses	17,853	20,000	13,000	20,000
	Memberships	1,000	500	300	2,000
	NAS Science Review	336,984	-	-	-
	Non-Capital Furniture & Equipment	2,359	1,515	1,000	1,500
	Office Supplies	1,783	3,000	3,700	1,500
	Pension Expense	58,701	-	-	-
	Printing	998	2,000	6,000	8,000
	Retirement Contributions	(426)	48,413	48,413	46,994
	State Unemployment Tax	1,341	1,890	1,890	1,890
	Travel/Lodging	370	3,000	-	-
Program Administration Total		990,086	1,018,044	1,017,629	1,033,435
Springflow Protection	Regional Municipal Water Conservation	4,507,750	4,507,750	4,507,750	600,400
	SAWS ASR Leasing	7,282,989	4,539,595	4,539,595	5,891,594
	SAWS ASR O&M	683,347	683,347	683,347	408,255
	VISPO	2,320,309	2,522,500	2,522,500	2,508,070
Springflow Protection Total		14,794,395	12,253,192	12,253,192	9,408,319
San Marcos Springs	Bank Stabilization/Permanent Access Points	-	-	-	-
	Biological Monitoring	194,137	371,929	186,212	371,929
	Field Supplies	8,415	5,500	5,500	12,000
	Household Hazardous Waste Program	29,999	30,000	30,000	30,000
	LID/BMP Management	150,394	1,507,806	400,000	200,000
	Litter Control/Floating Vegetation	13,865	74,330	74,330	44,688
	Management - Key Public Rec Areas	56,000	56,000	56,000	56,000
	Non-Native Animal Species Control	26,747	26,750	26,750	27,285
	Non-Native Plant Spec Control	110,139	130,280	130,280	119,277
	Restoration - Riparian Zones	20,000	20,000	20,000	20,000
	Telecommunication Services	2,160	2,850	2,850	-
	TX Wild Rice Enh./Restoration	128,000	112,000	112,000	73,750
	Water Quality Monitoring	122,268	64,667	64,667	160,536
	Water Quality Monitoring Equipment	-	16,000	16,000	7,000
San Marcos Springs Total		862,124	2,418,112	1,124,589	1,122,465
Comal Springs	Aquatic Vegetation Restoration	49,987	100,000	100,000	100,000
	Biological Monitoring	214,103	383,845	209,562	383,845
	Decaying Vegetation Removal	14,999	15,000	15,000	15,000
	Field Supplies	10,217	6,000	8,500	12,000
	Flow Split Management	-	-	-	-
	Gill Parasite Control	29,969	10,000	-	10,000

Edwards Aquifer Authority
2020 Adopted Operating Budget

Threatened & Endangered Species Division Summary, by Program/Measure

Department/Measure	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Comal Springs	Household Hazardous Waste Program	30,000	30,000	30,000	38,000
	LID/BMP Management	23,979	250,000	150,000	155,000
	Litter Control/Floating Vegetation	22,134	30,000	30,000	30,000
	Non-Native Animal Species Control	52,989	55,000	55,000	50,000
	Old Channel Restoration	99,991	50,000	50,000	50,000
	Restoration - Riparian Zones	50,000	100,000	100,000	125,000
	Riparian Improvement - Riffle Beetle	33,405	25,000	25,000	10,000
	Telecommunication Services	2,520	2,850	2,850	-
	Water Quality Monitoring	122,268	104,569	104,569	131,874
	Water Quality Monitoring Equipment	12,910	17,000	17,000	7,000
Comal Springs Total		769,471	1,179,264	897,481	1,117,719
Applied Research	Applied Research	95,652	180,000	180,000	240,000
	Computer Hardware CY	-	5,000	5,000	4,000
	Computer Software CY	-	5,000	5,000	6,000
Applied Research Total		95,652	190,000	190,000	250,000
Refugia	NFHTC Refugia	3,795,613	2,398,190	2,398,190	1,151,682
Refugia Total		3,795,613	2,398,190	2,398,190	1,151,682
Grand Total		21,307,341	19,456,802	17,881,081	14,083,620

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Threatened & Endangered Species
Department: Program Administration

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Salaries & Wages	245-905-51000-00	Salaries & Wages	\$ 311,027	\$ 520,567	\$ 520,567	\$ 498,347
	245-905-51200-00	Sick Leave	14,447	-	-	-
	245-905-51300-00	Vacation Leave	11,378	-	-	-
	245-905-51400-00	Holiday Leave	22,350	-	-	-
	245-905-51500-00	Compensated Absences	(18,544)	-	-	-
Salaries & Wages Total			340,658	520,567	520,567	498,347
Employee Benefits	245-905-52002-00	Employer FICA & Medicare	27,191	39,823	39,823	38,124
	245-905-52003-00	Retirement Contributions	(426)	48,413	48,413	46,994
	245-905-52004-00	LT Disability Insurance	1,071	1,562	1,562	1,545
	245-905-52005-00	Health Insurance	25,704	61,783	61,783	43,740
	245-905-52006-00	Dental Insurance	1,951	3,042	3,042	2,322
	245-905-52008-00	State Unemployment Tax	1,341	1,890	1,890	1,890
	245-905-52024-00	Life & AD&D Insurance	1,731	2,749	2,749	1,973
	245-905-52035-00	Medical Reimbursement	24,489	17,500	17,500	17,500
	245-905-52100-00	Allowances	2,850	4,200	4,200	3,000
	245-905-52103-00	Pension Expense	58,701	-	-	-
Employee Benefits Total			144,602	180,962	180,962	157,088
Professional Technical Services	245-005-53100-00	Contractual Professional Services	129,055	284,000	284,000	313,000
	245-005-53100-01	NAS Science Review	336,984	-	-	-
Professional Technical Services Total			466,039	284,000	284,000	313,000
Property Services	245-005-54500-00	Non-Capital Furniture & Equipment	2,359	1,515	1,000	1,500
Property Services Total			2,359	1,515	1,000	1,500
Other Services	245-005-55100-00	Printing	998	2,000	6,000	8,000
	245-005-55400-00	Conferences, Seminars & Training	2,858	2,500	8,100	27,500
	245-005-55500-00	Meeting Expenses	17,853	20,000	13,000	20,000
	245-005-55800-00	Travel/Lodging	370	3,000	-	-
Other Services Total			22,079	27,500	27,100	55,500
Supplies	245-005-56105-00	Office Supplies	1,783	3,000	3,700	1,500
	245-005-56501-00	Memberships	1,000	500	300	2,000
Supplies Total			2,783	3,500	4,000	3,500
Other Expenses	245-005-58700-00	Bad Debt Expense	7,967	-	-	-
Other Expenses Total			7,967	-	-	-
Capital Asset	245-005-17700-01	Computer Software CY	1,500	-	-	1,500
	245-005-17800-01	Computer Hardware CY	2,100	-	-	3,000
Capital Asset Total			3,600	-	-	4,500
Grand Total			\$ 990,086	\$ 1,018,044	\$ 1,017,629	\$ 1,033,435

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Threatened & Endangered Species
Department: Springflow Protection

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	245-502-53200-01	SAWS ASR Leasing	\$ 7,282,989	\$ 4,539,595	\$ 4,539,595	\$ 5,891,594
	245-502-53200-02	SAWS ASR O&M	683,347	683,347	683,347	408,255
	245-502-53200-03	Regional Municipal Water Conservation	4,507,750	4,507,750	4,507,750	600,400
	245-502-53200-04	VISPO	2,320,309	2,522,500	2,522,500	2,508,070
Professional Technical Services Total			14,794,395	12,253,192	12,253,192	9,408,319
Grand Total			\$ 14,794,395	\$ 12,253,192	\$ 12,253,192	\$ 9,408,319

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Threatened & Endangered Species
Department: San Marcos Springs

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	245-503-53200-05	Biological Monitoring	\$ 194,137	\$ 371,929	\$ 186,212	\$ 371,929
	245-503-53200-06	Water Quality Monitoring	122,268	64,667	64,667	160,536
	245-503-53202-01	TX Wild Rice Enh./Restoration	128,000	112,000	112,000	73,750
	245-503-53202-03	Non-Native Plant Spec Control	110,139	130,280	130,280	119,277
	245-503-53202-06	Bank Stabilization/Permanent Access Points	-	-	-	-
	245-503-53204-00	LID/BMP Management	150,394	1,507,806	400,000	200,000
	245-503-53204-01	Litter Control/Floating Vegetation	13,865	74,330	74,330	44,688
	245-503-53204-03	Household Hazardous Waste Program	29,999	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	26,747	26,750	26,750	27,285
	245-503-53204-06	Restoration - Riparian Zones	20,000	20,000	20,000	20,000
Professional Technical Services Total			851,549	2,393,762	1,100,239	1,103,465
Other Services	245-503-55300-00	Telecommunication Services	2,160	2,850	2,850	-
Other Services Total			2,160	2,850	2,850	-
Supplies	245-503-56103-00	Field Supplies	8,415	5,500	5,500	12,000
Supplies Total			8,415	5,500	5,500	12,000
Capital Asset	245-503-17500-05	Water Quality Monitoring Equipment	-	16,000	16,000	7,000
Capital Asset Total			-	16,000	16,000	7,000
Grand Total			\$ 862,124	\$ 2,418,112	\$ 1,124,589	\$ 1,122,465

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Threatened & Endangered Species
Department: Comal Springs

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	245-504-53200-05	Biological Monitoring	\$ 214,103	\$ 383,845	\$ 209,562	\$ 383,845
	245-504-53200-06	Water Quality Monitoring	122,268	104,569	104,569	131,874
	245-504-53201-01	Old Channel Restoration	99,991	50,000	50,000	50,000
	245-504-53201-02	Flow Split Management	-	-	-	-
	245-504-53201-03	Aquatic Vegetation Restoration	49,987	100,000	100,000	100,000
	245-504-53201-05	Decaying Vegetation Removal	14,999	15,000	15,000	15,000
	245-504-53201-06	Riparian Improvement - Riffle Beetle	33,405	25,000	25,000	10,000
	245-504-53201-07	Gill Parasite Control	29,969	10,000	-	10,000
	245-504-53204-00	LID/BMP Management	23,979	250,000	150,000	155,000
	245-504-53204-01	Litter Control/Floating Vegetation	22,134	30,000	30,000	30,000
	245-504-53204-03	Household Hazardous Waste Program	30,000	30,000	30,000	38,000
	245-504-53204-05	Non-Native Animal Species Control	52,989	55,000	55,000	50,000
	245-504-53204-06	Restoration - Riparian Zones	50,000	100,000	100,000	125,000
Professional Technical Services Total			743,824	1,153,414	869,131	1,098,719
Other Services	245-504-55300-00	Telecommunication Services	2,520	2,850	2,850	-
Other Services Total			2,520	2,850	2,850	-
Supplies	245-504-56103-00	Field Supplies	10,217	6,000	8,500	12,000
Supplies Total			10,217	6,000	8,500	12,000
Capital Asset	245-504-17500-05	Water Quality Monitoring Equipment	12,910	17,000	17,000	7,000
Capital Asset Total			12,910	17,000	17,000	7,000
Grand Total			\$ 769,471	\$ 1,179,264	\$ 897,481	\$ 1,117,719

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Threatened & Endangered Species
Department: Applied Research

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	245-505-53200-09	Applied Research	\$ 95,652	\$ 180,000	\$ 180,000	\$ 240,000
Professional Technical Services Total			95,652	180,000	180,000	240,000
Capital Asset	245-505-17700-01	Computer Software CY	-	5,000	5,000	6,000
	245-505-17800-01	Computer Hardware CY	-	5,000	5,000	4,000
Capital Asset Total			-	10,000	10,000	10,000
Grand Total			\$ 95,652	\$ 190,000	\$ 190,000	\$ 250,000

Edwards Aquifer Authority
2020 Adopted Operating Budget

Division: Threatened & Endangered Species
Department: Refugia

Expense Classification	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
Professional Technical Services	245-506-53200-08	NFHTC Refugia	\$ 3,795,613	\$ 2,398,190	\$ 2,398,190	\$ 1,151,682
Professional Technical Services Total			3,795,613	2,398,190	2,398,190	1,151,682
Grand Total			\$ 3,795,613	\$ 2,398,190	\$ 2,398,190	\$ 1,151,682

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CAPITAL BUDGET

Capital Budget/Plan Summary

Capital expenditures are defined by the EAA as “equipment, fixtures, equipment, etc., whose purchase price per unit is \$5,000 or more and has a useful life expectancy of more than one year.” Capital spending for 2020 is budgeted at \$1,167,500. A detailed summary of these expenditures is found following this summary. Most capital expenses of the EAA are routine and have no significant impact on the current or future operating budget. However, notable capital expenditures scheduled for 2020 are described below.

Vehicles. The budget includes funding in the amount of \$51,000 for one vehicle and one off-road vehicle in support of increased site visits related to recently amended water quality rules and easement monitoring.

Water Quality Monitoring Equipment.

Funding in the amount of \$80,000 is included in the 2020 capital budget for this expenditure. Each year the EAA incurs capital expenses related to water quality and monitoring 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 are also extremely important in the hydrological modeling process. Some 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.



Software Development and Data Management. Edwards Aquifer Authority has a need for a Data Management System that supports the organization's regulatory and scientific goals. The 2020 capital budget includes \$250,000 for this expenditure. The DMS will service the Permitting, Metering, Well Construction/Registration, Recharge Zone Protection, Conservation, and Compliance departments which depend on the same data sets to perform their duties. Other departments and groups, not listed, depend on this data to achieve additional scientific and regulatory goals. The DMS will likely be developed over multiple years.

Edwards Aquifer Authority
2020 Adopted Operating Budget

Capital Budget

Fund/Department	Account Number	Account Description	2018 Actual Expenses	2019 Amended Budget	2019 Estimated Expenses	2020 Adopted Budget
General Fund						
AMS - General	100-003-17800-01	Computer Hardware CY	\$ 41,310	\$ -	\$ -	\$ -
Aquifer Protection	100-306-17700-01	Computer Software CY	3,736	11,000	11,000	5,000
Aquifer Science Research	100-302-17500-04	Well Logging Equipment CY	-	5,000	5,000	-
Aquifer Science Research	100-302-17500-05	Water Sampling/Monitoring Equipment CY	23,773	45,000	45,000	45,000
Aquifer Science Research	100-302-17700-01	Computer Software CY	2,871	10,000	10,000	5,000
Aquifer Science Research	100-302-17800-01	Computer Hardware CY	2,425	4,000	4,000	5,000
Authority Operations	100-202-17200-01	Buildings CY	5,828	50,000	50,000	50,000
Authority Operations	100-202-17300-01	Imp Other than Buildings CY	90,600	100,000	100,000	-
Authority Operations	100-202-17400-01	Vehicles CY	69,683	72,000	72,000	51,000
Authority Operations	100-202-17500-01	Furniture & Office Equipment CY	110,242	114,500	114,500	35,500
Authority Operations	100-202-25000-00	Note Payable - Long Term	80,000	85,000	85,000	85,000
C&D - General	100-006-17500-01	Furniture & Office Equipment CY	1,085	-	-	-
Data Management	100-312-17500-05	Water Sampling/Monitoring Equipment CY	-	-	-	35,000
Data Management	100-312-17700-01	Computer Software CY	-	-	-	110,000
Data Management	100-312-17800-01	Computer Hardware CY	-	-	-	7,500
ERA - General	100-004-17800-01	Computer Hardware CY	-	3,000	3,000	3,000
Groundwater Protection	100-307-17500-05	Water Sampling/Monitoring Equipment CY	-	4,000	4,000	-
Human Resources	100-204-17500-01	Furniture & Office Equipment CY	2,715	-	-	-
Human Resources	100-204-17800-01	Computer Hardware CY	-	2,488	2,488	-
Information Technology	100-205-17200-01	Buildings CY	11,318	-	-	-
Information Technology	100-205-17700-01	Computer Software CY	166,874	266,500	266,500	250,000
Information Technology	100-205-17800-01	Computer Hardware CY	136,350	222,723	222,723	285,000
Karst Initiatives	100-310-17800-01	Computer Hardware CY	1,699	-	-	-
Meters	100-406-17500-03	Water Meters CY	32,179	30,000	30,000	-
Meters	100-406-17800-01	Computer Hardware CY	2,635	-	-	-
Modeling	100-304-17500-05	Water Sampling/Monitoring Equipment CY	26,015	35,000	35,000	-
Modeling	100-304-17700-01	Computer Software CY	5,670	20,000	20,000	10,000
Modeling	100-304-17700-02	Computer Software CY	-	-	-	50,000
Modeling	100-304-17800-01	Computer Hardware CY	-	87,000	87,000	100,000
Records	100-208-17500-01	Furniture & Office Equipment CY	-	2,670	2,670	7,000
Remote Gauging	100-308-17500-02	Remote Monitoring Equipment CY	110,000	75,000	75,000	-
General Fund - Total			927,008	1,244,881	1,244,881	1,139,000
EAHCP Fund						
Applied Research	245-505-17700-01	Computer Software CY	-	5,000	5,000	6,000
Applied Research	245-505-17800-01	Computer Hardware CY	-	5,000	5,000	4,000
Comal Springs	245-504-17500-05	Water Quality Monitoring Equipment	12,910	17,000	17,000	7,000
Program Administration	245-005-17700-01	Computer Software CY	1,500	-	-	1,500
Program Administration	245-005-17800-01	Computer Hardware CY	2,100	-	-	3,000
San Marcos Springs	245-503-17500-05	Water Quality Monitoring Equipment	-	16,000	16,000	7,000
EAHCP Fund - Total			16,510	43,000	43,000	28,500
Grand Total			\$ 943,518	\$ 1,287,881	\$ 1,287,881	\$ 1,167,500

APPENDIX A

STRATEGIC PLAN 2016-2020



EDWARDS AQUIFER
AUTHORITY

STRATEGIC PLAN

2016-2020

ADOPTED NOVEMBER 10, 2015

TABLE OF CONTENTS

Executive Summary	1
Historical Background	2
Strategic Planning Process	2
Vision	3
Mission Statement	4
Core Values	4
Strategic Goals	5

Aquifer Management and Protection:

Goal A: Sustain Federally Protected Aquifer-Dependent Species.....	6
Goal B: Ensure Effective Management of the Edwards Aquifer.....	8
Goal C: Identify and Address Recharge Initiatives for the Edwards Aquifer	10
Goal D: Prevent the Pollution of the Aquifer	12

Organizational Effectiveness

Goal E: Conduct Research that Enhances Understanding and Effective Management of the Aquifer	15
Goal F: Develop an Inclusive, Service-Oriented Organization.....	16
Goal G: Build Shared Value in the EAA Mission	17
Goal H: Sustain Fiscal Stability	18

Appendix A: Glossary of Acronyms and Abbreviations.....	A-1
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EXECUTIVE SUMMARY

As the Edwards Aquifer Authority marks its 20th anniversary in 2016, the agency stands at a crossroads in its evolution. With a myriad of contentious issues and foreboding challenges generally in the past, the EAA now has an opportunity to take the experiences of its first 20 years of operation and use them to carve out a new course for its future. It's a course that repositions the agency with its stakeholders and redefines its role as a regulatory body to cultivate greater collaboration, shared stewardship, and common understanding around the core mission of manage, enhance and protect the Edwards Aquifer system. This strategic plan prioritizes such a path to the future for the EAA over the next five years.

A number of key factors and considerations influence this five-year strategic plan. Most notably reflected is an organizational commitment to fostering a higher level of shared value in the core mission of the EAA through three primary guiding principles -- service, solutions, and stability. These ideals are woven through the EAA's strategic goals as outlined in this plan and will be demonstrated through: responsible stewardship of finances and resources; prudent policy development and management that limits legal exposure and is respectful of social and economic impacts; and practical and well-reasoned programming and practices that foster collaboration and partnership within the EAA and with the people it regulates and serves.

A number of external and internal factors demand consideration in the development and implementation of the EAA's strategic initiatives. As the chief steward of the Edwards Aquifer, the EAA must continually evaluate its multiple priorities to determine which programs best help meet the agency's goals in light of various influences and constraints that may change over time. These include factors such as:

- Fiscal limitations: as a public entity funded by user fees, the EAA must remain vigilant in efforts to maintain a reasonable and stable aquifer management fee structure that continually demonstrates value to fee payers and to the greater public. This is achieved in large part through long term financial forecasting, evaluation of programs and policy effectiveness, and cost analysis of organizational needs and resources.
- Political considerations: as a political subdivision of the state of Texas, the EAA bears the responsibility of demonstrating good governance in the management of the Aquifer to the greater public and the political process that led to the organization's creation. Transparency, fairness, and well-reasoned regulation and business practices must continue to define the way the EAA goes about doing its work. Doing so engenders trust and agreement, and ultimately support of the EAA mission.
- Legal realities: having withstood various legal challenges over the first 20 years of operation, the EAA must continue to limit its legal exposure and remain watchful of potential risks, especially those around issues related to the agency's regulatory functions. Accordingly, the agency will be well served by maintaining open communication with its regulated communities, periodically evaluating programs for effectiveness, soundness and relevance to mission, and, where appropriate, stressing awareness, education and collaborative solutions.

In summary, the main idea underlying this plan is that of transforming the EAA by prioritizing the importance of people, practical programming, and effective processes to form an organizational culture that invites and engages stakeholders as partners in the EAA mission.

HISTORICAL BACKGROUND

The EAA is a regulatory agency charged with managing, conserving, preserving, protecting, and increasing the recharge of and preventing waste and pollution, of the Edwards Aquifer in an eight-county region, including all of Uvalde, Medina and Bexar counties, plus portions of Atascosa, Caldwell, Guadalupe, Comal and Hays counties. The EAA was created by the Texas Legislature in 1993 with the passage of the Edwards Aquifer Authority Act (Act) to preserve and protect this unique groundwater resource. However, legal challenges prevented the EAA from operating until June 28, 1996. The Act created a 17-member board of directors that sets policy. The board consists of 15 elected members from the eight-county region, and two non-voting appointed members to carry out the duties set out in the Act. The Act also established the South Central Texas Water Advisory Committee (SCTWAC) made up of representatives from downstream counties and within the EAA's boundaries to interact with the EAA on how its actions affect downstream users.

As a result of the Act, the EAA performs a number of major functions. These include:

- Sustaining the aquifer as a natural resource;
- Sustaining the diverse economic and social interests dependent on the aquifer for water supply;
- Protecting terrestrial and aquatic life;
- Protecting domestic and municipal water supplies; and
- Providing effective control of the aquifer to protect the operation of existing industries and the economic development of the state.

In 2007, the Legislature amended the Act to, among other things, require a recovery implementation program for species listed as threatened or endangered under federal law and associated with the aquifer. Through this program -- a facilitated, consensus-based stakeholder process -- an Edwards Aquifer Habitat Conservation Plan (EAHCP) was developed and subsequently approved by U.S. Fish and Wildlife Service (USFWS). Approval of this plan resulted in the issuance of a 15-year Incidental Take Permit in 2013 by USFWS to the EAA, San Antonio Water System (SAWS), Texas State University, the City of San Marcos, and the City of New Braunfels, providing the region protection in the event "incidental take" of protected species occurs. The EAHCP requires certain conservation measures to be implemented and sustained over the life of the Incidental Take Permit, beginning in 2013 and continuing until 2028.

STRATEGIC PLANNING PROCESS

Strategic planning is one of the most effective approaches to ensuring maximum efficiency and effectiveness in reaching targeted organizational goals, especially in an ever-changing political and socio-economic environment of diverse interests and backgrounds. Strategic planning involves

the development of a collective vision, mission, and corresponding strategic themes and goals. As a result, organizational activities and initiatives take on a clear focus and accomplishing important goals becomes more attainable.

The Edwards Aquifer Authority (EAA), governed by a board of 15 elected and two appointed directors and operated by a medium-sized professional staff, is tasked with the mission of managing, enhancing, and protecting south-central Texas' primary water resource, the Edwards Aquifer. This multi-faceted mission focuses on managing withdrawals from the aquifer, including during critical periods of drought, enhancing the aquifer's ability to supply the water needs of an economically diverse region, and protecting the aquifer as a vital resource and ecosystem, which supports human life and provides habitat to a number of federally protected species. Therefore, balance between providing certainty to the region's water needs and protecting the resource underlies the EAA mission. To this end, this Strategic Plan is designed to serve as a *blueprint* for meeting the EAA's legislative mandate and overall mission. The plan, which covers a five-year period, is reviewed annually.

Prior to 2016, the EAA Strategic Plan was a three-year rolling plan, reviewed and updated annually. In an effort to take a longer view of those issues critical to the EAA's core mission, this plan incorporates a five-year outlook. The EAA Board will continue to review and modify the plan (as necessary) annually. Major modifications to the EAA's goals may be considered prior to the end of the five-year cycle.

Each year, consultants and EAA staff review the strategic goals with the Board in light of the previous year's progress in achieving those goals. In 2016, the Board will hold a one-day work session in addition to its annual three-day summer work session to discuss topics associated with staff's implementation of the strategic plan.

VISION

A vision is an articulation of the organizational culture, structure, and direction. It represents an organization's targeted destination and includes the ability of members to perceive changes in the organization. As a result, the vision is a comprehensive description of how the organization will look in the future. Following is the EAA vision:

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

MISSION STATEMENT

A mission statement represents a brief overview of an organization's purpose, identification of its clients, and statement of broad outcomes. It galvanizes the organizational culture and forms the organization's philosophy and direction. The EAA mission statement is presented below:

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

CORE VALUES

The core values of the EAA are aspirational statements of “how” the people that comprise the agency view themselves and their role within the mission and vision of the organization as a whole. These core values, identified by staff through a deliberative and shared process, speak to standards of self-imposed accountability and expectation in attitude and conduct, which are to be demonstrated in the EAA's daily work. They are not descriptions of the work itself or the strategies employed to accomplish the overall mission, but they serve as foundational guideposts for how the EAA will go about accomplishing its work. The EAA core values underlie the agency's work, setting ideals of how staff will interact with each other, with customers and stakeholders, and with the diverse communities that their work touches every day.

Stewardship — Through our core value of Stewardship, the EAA manages, enhances, protects, and studies the Edwards Aquifer system to ensure the long-term sustainability of the resource for our communities and the environment.

Respect — Respect is to regard another or to be regarded with deference, esteem, and dignity. We respect all of our stakeholders, external and internal customers, treating them the way we would want to be treated, recognizing that actions express values.

Professionalism — Professionalism means having an interest in and a desire to do a job well, showing competence, skill, and a positive attitude towards both the profession and the workplace.

Collaboration — Collaboration means working together and communicating to ensure information is shared equally throughout the organization and the community we serve.

Science — Science is the fundamental tool used to understand the natural systems of the Edwards Aquifer and is the cornerstone in all our efforts. Sound scientific principles and practices provide a foundation for management strategies.

Integrity — Integrity is the adherence to a code or standard of values. Integrity is what we do, what we say, and what we say we do.

STRATEGIC GOALS

A strategic goal is a broadly-defined planned organizational accomplishment or outcome. A set of strategic goals becomes an organization's outward expression of commitment to its mission. Strategic goals provide the guidance necessary for developing concrete action steps and tasks aimed at addressing organizational issues over a prescribed period of time.

The EAA has eight major strategic goals that have been identified as the focus of the agency from 2016 through 2020. These goals are categorized into two thematic areas: aquifer management and protection; and organizational effectiveness. Implementation of these strategic goals is associated general organizational outcomes that may result from goal implementation.

AQUIFER MANAGEMENT AND PROTECTION

Aquifer management and protection are the two fundamental objectives of the EAA's statutory mission and they are prominently reflected in the agency's strategic goals. Underscoring the significance of these goals is the region's anticipated population growth over the next 50 years. This increased demand for water reinforces the importance of the EAA's role in effectively managing withdrawals from the aquifer as mandated by statute and the requirement to maintain compliance with the Incidental Take Permit issued by the USFWS to address the needs of natural habitats of federally protected species. Likewise, as population grows, protecting the quality of water in the aquifer will remain extremely critical to the region.

Goal A. Sustain Federally Protected Aquifer-Dependent Species

The EAA will work cooperatively with the USFWS and EAHCP Permittees and stakeholders to continue to implement and administer the EAHCP over the 15-year term of the Incidental Take Permit issued in March 2013. The goal of the EAHCP is to ensure the protection of the Covered Species associated with the aquifer through a repeat of the drought of record and in so doing provide certainty to the region that the aquifer will remain a sustainable and viable water resource under local regulation.

The following Strategic Priorities describe how the EAA will achieve this goal:

1. Take necessary measures to ensure continual compliance with the Incidental Take Permit issued by USFWS.

- In coordination with the EAHCP Permittees, implement all conservation measures in Chapter 5 and research activities in Chapter 6 of the EAHCP.
- Maintain effective communication and coordination with USFWS to ensure successful implementation of the EAHCP.

2. Fully fund and implement the required programs of the EAHCP, while building the EAHCP reserve fund as required by the Funding and Management Agreement (FMA).

- Continue to fund the EAHCP Permittee Annual Funding Applications required to complete measures in EAHCP Chapter 5 and 6; using Table 7.1 of the EAHCP as a reference for the EAA obligated funding amount.
- Ensure effective financial stewardship of EAHCP funds through multi-layered approach including: staff review, Science Committee review, EAHCP Permittee and Implementing Committee Review, and ultimately EAA Board approval.
- Adjust, as may be necessary, EAHCP Program Aquifer Management Fees to fund required EAHCP activities and contribute to the EAHCP reserve without exceeding the EAHCP reserve cap of \$46 million established by the FMA. This should be accomplished with the intent of minimizing adjustments to the overall Aquifer Management Fee (AMF) assessed from year to year to achieve, to the extent possible, a consistent overall AMF.

3. Implement measures necessary to enroll and maintain targeted Edwards groundwater into the San Antonio Water System Aquifer Storage and Recovery facility (ASR), the Voluntary Irrigation Suspension Program (VISPO), and Regional Water Conservation Program (RWCP).

- Explore all opportunities to achieve the protections to be provided by the ASR program, which includes: storage of regional water in the ASR and control of 50,000 acre-feet of Edwards permits during a repeat of the drought of record.
- Continue existing efforts to maintain full enrollment of VISPO.
- Continue to work to find opportunities with EAA communities and EAA permit holders to develop effective water conservation programs.

4. Establish fully functioning refugia for the Edwards Aquifer Habitat Conservation Plan Covered Species.

- Explore all viable options to secure fully functioning refugia facilities for the term of the Incidental Take Permit (ITP).
- Maintain short-term contracts for refugia salvage stocks and research, to maintain compliance with the ITP, until such time as long-term, fully funded refugia are in place.

5. Build greater understanding of value of the EAHCP among key stakeholders and general public.

- Develop proactive approach to communicate the purpose, activities, and benefits of the EAHCP.
- Maintain the EAHCP website and EAHCP listserv to ensure the general public has access to all EAHCP information and processes.
- Work with local and regional media to further understanding of EAHCP.

6. Facilitate and conduct all activities associated with Phase II Strategic Adaptive Management.

- Evaluate/prioritize research initiatives as outlined in Chapter 6 of the EAHCP.
- Compile all information, data, and research needed by the Implementing Committee, Science Committee, and Stakeholder Committee to make the most scientifically informed decision possible for Phase II.
- Facilitate the EAHCP Committees to achieve consensus on a Phase II decision.
- Communicate consistently with USFWS regarding to Phase II decisions.
- Work with the National Academy of Sciences to prepare all reports related to Phase II.
- Utilize the updated model and newly developed models to establish the need or lack thereof, for a Phase II conservation measure.
- As required by the FMA and if necessary, establish a funding mechanism for Phase II conservation measures of the EAHCP.

Goal B. Ensure Effective Management of the Edwards Aquifer

The EAA manages groundwater withdrawals from the aquifer for all conditions and levels. The EAA's challenge is to administer appropriate management strategies designed to complement the natural system while optimizing beneficial use of the aquifer. For the plan period, such strategies include water conservation incentive programs, a critical period program, and an initiative to analyze the effects of groundwater withdrawal permit transfers. The plan also addresses the EAA's efforts to continually improve efficiency in the administration and processing of permits and to implement programs and procedures that foster the regulated community's understanding of the EAA's permit management system, including staff facilitation of permit-related transactions.

The following Strategic Priorities describe how the EAA will achieve this goal:

- 1. Continue to implement the Groundwater Conservation Plan (GCP) program as an incentive-based/service-oriented program.**
 - Use the GCP to become a resource for time tested and emerging conservation practices.
 - Provide expert advice/consultation to permit holders desiring to find new ways to conserve groundwater or achieve access to available state resources.
 - Continue building working relationship with Texas Water Development Board for funding conservation programs and facilitating outreach.
- 2. Continue to implement the EAA groundwater conservation grant program in a manner that supports the EAA's core mission.**
 - Continue to use the EAA's water conservation grant program to identify and fund conservation-related needs of EAA permit holders and exempt well owners.
- 3. Improve database management system(s) for tracking and sharing of permit information internally and externally.**
 - Continue redevelopment of EAA's enterprise database to allow more efficient data storage and retrieval.
 - Develop website applications to serve permit holders online.
- 4. Use numerical groundwater models to further evaluate the efficacy of existing management strategies, utilizing the five year modeling plan**
 - Continue to use the iterative process of modeling to prioritize data collection and research efforts by identifying the aquifer properties and input parameters that have the greatest influence on model predictive ability.
 - In year 2020, assess the feasibility of updating model code(s) based on improvements to the conceptual model derived from data collection and research efforts, uncertainty assessment, and experience gained with current generation numerical models.

5. Review and revise (if necessary) the critical period management program to identify ways in which to make its requirements more effective and efficient.

- Assess and identify potential alternative approaches to administering the existing critical period program to achieve greater efficiency and effectiveness.
- Consider possible changes to the Critical Period Management Plan to simplify compliance, while maintaining the intent of the EAA Act.
- Evaluate and implement, as necessary, more effective methods of communication with permit holders regarding critical period notices and reporting.

6. Ensure an efficient water flow meter management program throughout the region.

- Continue to implement an administrative process to assimilate all use information collected from automated meter readings.
- Bring all automated meter reading volunteers online and begin actions to improve the program's communication infrastructure.
- Evaluate potential options regarding meter type for program implementation.
- Continue to maintain existing EAA-owned meters and require accuracy verification on municipal and industrial meters.

Goal C. Identify and Address Recharge Initiatives for the Edwards Aquifer

The current EAA recharge program includes operation and maintenance of four recharge structures in Medina County, three in the Nueces River watershed and one in the San Antonio River watershed. The existing recharge structures were constructed by the Edwards Underground Water District (EUWD) in the 1970s and 1980s. Each of the structures requires a state permit allowing specific amounts of enhanced recharge. Permitted amounts range from 520 acre-feet/year, to 1185 acre-feet/year. Historically, in wet years the structures exceed their permitted amounts whereas in dry years they provide no enhanced recharge. Therefore, a significant part of the recharge program in the coming 12- to 18-month period will center around improving management and operation of these structures within state requirements.

In addition, the EAA will seek to build on relationships and partnerships to further explore opportunities to leverage resources in support of programs and activities that preserve the quantity and quality of naturally occurring recharge. This will include continued cooperation with the City of San Antonio (CoSA), to provide annual easement inspections for approximately 135,000 acres of recharge zone land in Bexar, Medina, and Uvalde counties. With the assistance provided by the EAA, these properties will remain undeveloped in perpetuity. Furthermore, the number of acres in the program is anticipated to grow by several thousand over the coming five years. Other efforts include developing a cooperative agreement with the Natural Resource Conservation Service (NRCS) wherein the EAA will sponsor a State Resource Concern (SRC). If approved in late 2015, this program will potentially contribute funding for projects such as: maintenance of stream beds, sediment capture, and erosion control as well as other projects in the recharge and contributing zones of the aquifer.

The following Strategic Priorities describe how the EAA will achieve this goal:

- 1. Evaluate recharge strategies and facilitate board consensus regarding a long-term recharge plan.**
 - Assess fiscal, regulatory, and operational considerations of recharge structures.
 - Analyze the role of recharge in relation to a watershed masterplan.
 - Determine, and address any necessary refinements to the EAA's recharge program.
 -
- 2. Continue to facilitate the development of aquifer recharge, storage, and recovery projects.**
 - Develop appropriate cooperative agreements and contracts with political subdivisions to facilitate the development of ASR projects, while maintaining proper stewardship of the Edwards Aquifer system.
 - Identify and develop appropriate research goals to ensure aquifer protection in development of ASR projects
- 3. Further evaluate recharge estimation methodologies to better understand regional water balance.**

- Develop methods for estimating regional evapotranspiration rates for use as HSPF model input.
- Utilize the results of the MODFLOW model uncertainty analyses to assess the impacts of uncertainty associated with recharge estimation methodologies.
- Continue the iterative approach for improving EAA's modeling capability, to ensure revisions to the conceptual model are incorporated into future numerical model code updates.

Goal D. Prevent the Pollution of the Aquifer

The Act provides a general charge to the EAA to prevent the pollution of water in the aquifer. Specifically, the Act provides the EAA with the authority to close abandoned, wasteful, or dangerous wells; requires the EAA to issue well construction permits for which the EAA has developed appropriate standards designed to prevent contaminants from reaching the aquifer via well boreholes, and requires the EAA to protect groundwater through the control of fires on the recharge zone in coordination with local fire departments and fire marshals. Beyond these measures, the EAA administers locally adopted rules that regulate the storage of certain substances on the recharge zone that could be harmful to water quality if allowed to be released into the environment through catastrophic events. This includes preventive containment requirements for underground and above ground storage tanks, and spill reporting and containment requirements for regulated substances above certain minimum thresholds. Additionally, non-regulatory EAA efforts such as inspections of stormwater structures on the recharge zone and participation as a partner in the administration of the City of San Antonio's Edwards Aquifer Protection Program help in the prevention of pollution by preventing non-point source pollution on developed lands and by preserving undeveloped land on the recharge zone in its natural state.

Generally, water quality/aquifer protection programs are time- and resource-intensive. Therefore, the EAA has identified the need to assess its programs in this area to determine effectiveness relative to cost and to prioritize these programs

The following Strategic Priorities describe how the EAA will achieve this goal:

1. Continue collaborative relations with agencies with overlapping jurisdiction or common interests on the recharge and contributing zones to more effectively and efficiently prevent pollution.

- Continue to develop rapport with area regulatory agencies to better coordinate the regulatory programs of each entity.
- Continue to explore potential collaborative regulatory efforts to simplify compliance and maximize resources.
- Develop and implement partnerships with organizations such as the Natural Resource Conservation Service (NRCS), local Farm Bureaus, and stakeholders to maximize EAA's ability to assist in priority areas of aquifer protection.
- Continue to support the CoSA Edwards Aquifer Protection Program to reduce new risks to the system in the future and help to maintain historical recharge to the system.

2. Continue well protection effort across region

- Focus Well Protection Program in Comal County through approximately 2016; perform well protection work in other counties as needed to address threats of unattended wells being destroyed.
- Upon completion of the Comal County portion of the Well Protection Program, initiate the program in Bexar County.

- Continue to promote the Abandoned Well Closure Assistance Program and Well Logging Program to assist well owners who cannot afford to close their abandoned wells.

3. Continue to ensure well owner compliance of abandoned/deteriorated wells.

- Continue outreach efforts to owners of abandoned wells to encourage more rapid resolution of abandoned well cases. Offer expanded opportunities to stakeholders for cost savings through cooperative programs.
- Continue to promote well logging pilot program after updating EAA well logging equipment and capabilities in 2016.
- Continue well closure assistance program for abandoned wells with compliance issues.
- **Prioritize well closures based on ranking under a risk matrix.**

4. Evaluate effectiveness of existing water quality regulations and related programs.

- Identify strategies to improve the functionality and efficacy of the EAA's rules and other programs related to water quality.
- Develop appropriate programmatic responses to identified strategies, including potential rulemaking activities, in order to effectuate necessary changes to improve the EAA's programs.

ORGANIZATIONAL EFFECTIVENESS

This thematic area relates to organizational effectiveness, which is addressed by four strategic goals. Underlying this thematic area is the idea that effective policy and regulation requires accurate and timely information. Therefore, the first goal focuses on collecting data and conducting directed research as the foundation of the EAA's aquifer management responsibilities. In order to accomplish the agency's strategic goals, there must be an infrastructure that complements these efforts. An infrastructure of professional staff and the supporting facilities is essential in this regard and is addressed in the second goal. The third goal in this area focuses on the public's knowledge of the aquifer and awareness of the agency, which together foster greater understanding of the resource and engagement with the organization through a relationship of trust. Lastly, the long term financial stability of the EAA is addressed focusing on a long-term approach to maintaining stability in the fee rate structure and appropriate reserves for funding the EAHCP.

Goal E. Conduct Research that Enhances Understanding and Effective Management of the Aquifer

The Act provides the EAA with the responsibility to collect data and perform research necessary to better understand and inform policy to effectively manage and protect the aquifer. The EAA performs research to better understand the controlling factors for recharge, occurrence, movement, and discharge of water from the aquifer. Through the iterative process of numerical modeling, assessment of model uncertainty, and subsequent research, the conceptual understanding of the aquifer is improved over time. This approach ensures research will be focused on projects that will serve to improve the EAA's understanding of hydrologic conditions, and identify critical inputs needed to improve groundwater and watershed modeling with the goal of providing the best information possible for policy development.

The following Strategic Priorities describe how the EAA will achieve this goal:

- 1. Evaluate/identify/prioritize research initiatives and operational procedures to address policy questions/direction as they apply to the EAA mission and the EAHCP.**
 - Focus research on projects critical to improved understanding of known uncertainties in the conceptual model of the aquifer.
 - Continue the interinformational flow study to reduce uncertainty about interactions between the Edwards Aquifer and Trinity Aquifer systems.
 - Evaluate statewide water resource issues for relevance/impact to the Edwards Aquifer and develop research response, if needed.
 - Continue to develop relationships with other regional organizations to improve mutual understanding of current and future aquifer studies.
 - Utilize the prioritization process outlined in the annual Aquifer Management Services Operational Plan to support EAA policy.
- 2. Continue to revise and refine the data management process to ensure all data streams are appropriately collected, validated, stored, and available to appropriate users.**
 - Continue to explore opportunities with TWDB for satellite telemetry and subsequent data hosting of water level data to reduce EAA data management workload and simultaneously provide water level data to TWDB in real-time.
 - Continue to implement the Aquarius data management and validation software for appropriate data sets.
- 3. Explore opportunities for collaboration with other agencies or entities to maximize resources.**
 - Explore potential opportunities with UTSA to provide inputs related to certain concepts EAA needs further evaluation of, for example, the effectiveness of low impact development on recharge water quality.
 - Continue to collaborate with agencies that may share an interest in the interinformational flow study, specifically the South Central Texas Water Resources Interest Group.
 - Continue collaboration with Hays County entities interested in sharing streamflow data for the Blanco River.

Goal F. Develop an Inclusive, Service-Oriented Organization

The EAA is committed to being an inclusive, service-oriented agency, providing exceptional customer service to both internal and external clients in support of its overall mission and strives to serve as a regional resource for regional solutions. This will be accomplished through a positive work environment fostering an efficient and effective organization that is responsive to the needs of the various diverse communities and stakeholder interests the EAA serves. To maintain such an environment the EAA will ensure the staff receives a competitive wage and benefit for their work, nurture and develop advanced technical skills and proficiencies among its employees, integrate and uphold the organization's self-identified core values through high levels of accountability to the ideals of service, inclusiveness, and fairness. The purpose of this effort is to develop a multi-faceted and diverse workplace culture of great expectations and accountability that proactively seeks to serve the customer needs through its programs and policies.

The following Strategic Priorities describe how the EAA will achieve this goal:

1. Implement practices and programs designed to ensure a positive work environment.

- Develop programs and policies that incentivize ingenuity in the spirit of collaboration and teamwork moving the EAA forward toward the path of service to internal and external clients.
- Implement program(s) to properly and fairly reward staff for their service and contributions to the EAA in the name of fostering teamwork, collaboration, and adherence to the EAA core values.
- Align training program with core values and evaluate specific training needs to reinforce core values.
- Identify and nurture the skills of existing and future leaders.
- Promote EAA staff programs, initiatives, and accomplishments in order that the region, stakeholders, and board of directors will comprehend the value of the EAA, and talents that its staff offers in service to the region.
- Regularly review employee salary and benefit competitiveness within the market of similar organizations to recruit and retain quality employees.

2. Continue to build upon hiring and training practices that foster a culture of inclusiveness.

- Utilize selection and recruitment processes that deliberately seek qualified individuals that have a predisposition to public service and devotion to the EAA's stated core values.
- Broaden the outreach of employee recruitment efforts to maximize the pool of potential job candidates for all vacancies.
- Foster programs that promote the participation of students, particularly minority students, into the STEM career fields.

Goal G. Build Shared Value in the EAA Mission

Shared value is the idea that an organization's effectiveness or success in the marketplace and the wellbeing of the communities around it are mutually dependent. For the EAA, achieving shared value means building trust. This means identifying the shared ideals of the regulated community and then redefining how to connect with the community around those shared ideals to further the EAA mission. This requires promoting the dynamics of public engagement from a one-way to a two-way communication model that invites input and values diversity of viewpoints around issues pertinent to the EAA mission. This calls for a more open, inclusive process that will result in a higher level of engagement, with the goal of ultimately achieving greater understanding and trust. This will be achieved through education across all demographics, outreach, partnerships, service-oriented programs, and enhanced communication practices.

The following Strategic Priorities describe how the EAA will achieve this goal:

- 1. Continue implementation of a digital strategy to enhance the EAA's online presence and communication efforts and to improve accessibility of information.**
 - Continue implementation of strategies for the use of the internet, mobile devices, social media, and digital marketing to better engage the public in the EAA mission.
 - Enhance the permit holder/stakeholder experience when transacting business with the EAA.
 - Continue to solicit and evaluate stakeholder perceptions of EAA.
- 2. Develop/implement audience-specific strategies to educate and engage stakeholders in the EAA mission.**
 - Continue development of individual strategies for reaching members of the legislature, other elected officials, permit holders, and the general public.
 - Continue outreach to news media to enhance understanding of the Edwards Aquifer, the EAA, and the EAHCP.
 - Expand educational outreach through programs designed for all age groups and expanding the EAA's footprint at community events.
 - Continually review approaches and implement program changes as needed to achieve shared interest with the regulated community in achieving and maintaining compliance with EAA rules.
- 3. Facilitate the efforts of the Edwards Aquifer Conservancy (EAC)**
 - Ensure the viability of the EAC by sharing reasonable amounts of EAA resources to help build an organization that can successfully support the EAA's mission and programs.

Goal H. Sustain Fiscal Stability

Fiscal responsibility demands that the EAA explore and understand the various options for sustaining adequate funding of its mission over the long-term future, especially in light of uncertainty concerning various factors that may affect the agency's financial bottom line. The process requires continued transparency and accountability, in particular to the legislature and regulated community, as the EAA strives to further its mission. Therefore, the EAA will utilize a long-range financial planning, or forecast, model as a decision-making matrix to understand long term impact to the EAA's aquifer management and program aquifer management fee rate and consider impact on financial reserve balances. This financial planning model incorporates a process that considers EAA staffing needs as well as anticipated program, and capital outlay costs, potential future conditions, including various aquifer management fee rate scenarios and the sustainability of funded programs that could have an economic impact on the organization and its stakeholders. This also includes exploring and identifying potential alternative options for funding the implementation of an HCP and other projects and programs of the EAA.

The following Strategic Priorities describe how the EAA will achieve this goal:

- 1. Ensure long-term stability in the aquifer management fee rate.**
 - Continue to use the long range financial forecast model to evaluate long-term financial impacts of policy and spending priorities.
 - Explore and implement strategies annually to ensure consistency in the total non-agricultural aquifer management fee rate.
- 2. Identify/develop inter-agency partnerships where possible to cost share.**
 - Seek opportunities to develop intra-agency cooperative agreements to collaborate on programs and initiatives that serve the EAA's objectives and also provide proper stewardship of organizational resources through cost and other resource sharing measures.
- 3. Identify/develop intra-agency cooperation where possible to maximize staff capabilities.**
 - Examine opportunities whereby staff can augment their professional skill sets by job-sharing or other programs that call upon staff to seek and acquire knowledge or expertise they may not otherwise attain in the course of their present job.

GLOSSARY OF ACRONYMS AND ABBREVIATIONS

ASR – Aquifer Storage and Recovery

EAA – Edwards Aquifer Authority

EAHCP – Edwards Aquifer Habitat Conservation Plan

GCP – Groundwater Conservation Plan

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

ITP – Incidental Take Permit

MODFLOW – A Finite-Difference Groundwater Model

SAWS – San Antonio Water System

USFWS – United States Fish & Wildlife Service

USGS – United States Geological Society



900 E. Quincy, San Antonio, TX 78215

edwardsaquifer.org

**APPENDIX B
BOARD RESOLUTION
2020 BUDGET ADOPTION**

RESOLUTION AND ORDER NO. 11-19-953

OF THE BOARD OF DIRECTORS OF THE EDWARDS AQUIFER
AUTHORITY ADOPTING THE ANNUAL BUDGET FOR FISCAL YEAR
2020, AND ASSESSING AQUIFER MANAGEMENT FEE AND PROGRAM
AQUIFER MANAGEMENT FEE RATES FOR 2020.

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 8.02(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 ("PAMF") 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, the EAA held public meetings at the EAA's Conference Center at its principal place of business at 900 E. Quincy St., San Antonio Texas, and at locations in San Marcos, Texas, and Hondo, Texas, to take public comment on the proposed FY 2020 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 12, 2019, at 3:00 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 was present 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

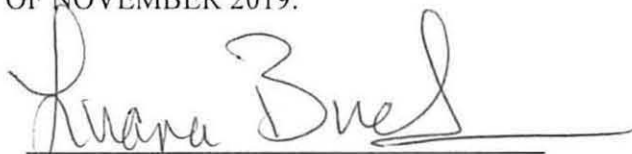
WHEREAS, a vote of the majority of the quorum of the Board present passed on, voted in favor of, and adopted the following Resolution and Order; and

WHEREAS, it is in the public interest that the EAA adopt an annual budget and assess AMFs and PAMFs for FY 2020.

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 2020 Annual Budget attached to this Resolution and Order is hereby adopted.
- Section 3. The Fiscal Year 2020 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 \$50.00 per acre-foot per annum for fiscal year 2020.
- 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 \$34.00 per acre-foot per annum for fiscal year 2020.
- 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 2020.
- 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 2020 do not constitute an increase of AMFs by more than 8% from the preceding fiscal year 2019.
- 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 12TH DAY OF NOVEMBER 2019.

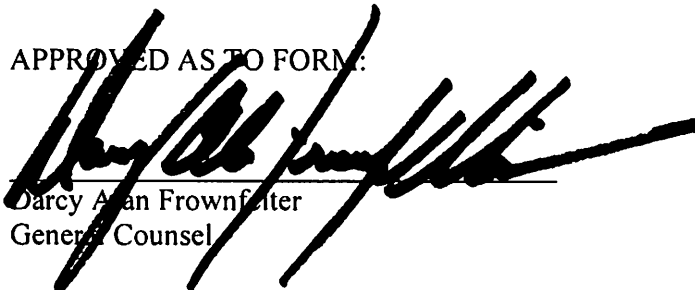

Luana Buckner
Chairman, Board of Directors

ATTEST:

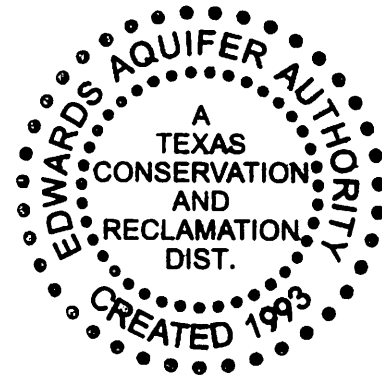


Enrique P. Valdivia
Secretary, Board of Directors

APPROVED AS TO FORM:



Darcy Alan Frownfelter
General Counsel



**Edwards Aquifer Authority
2020 Proposed Operating Budget**

Fund Summary: General and Habitat Conservation Plan

	GENERAL	EAHCP	TOTAL
Aquifer Management Fees, per Acre-Foot:			
Non-Agricultural (AMF/Program AMF)	\$ 50.00	\$ 34.00	\$ 84.00
Agricultural	\$ 2.00	\$ -	\$ 2.00
REVENUES			
Interest	\$ 152,000	\$ 431,000	\$ 583,000
Aquifer Management Fees	18,276,079	-	18,276,079
Program Aquifer Management Fees	-	12,427,734	12,427,734
Aquifer Management Fee (Agricultural)	145,000	-	145,000
Miscellaneous	25,000	736,000	761,000
Subtotal Revenues	18,598,079	13,594,734	32,192,812
EXPENSES			
Salaries & Wages	7,985,252	498,347	8,483,599
Employee Benefits	2,337,128	157,088	2,494,216
Professional Technical Services	4,185,425	13,315,185	17,500,610
Property Services	1,671,558	1,500	1,673,058
Other Services	806,945	55,500	862,445
Supplies	563,439	27,500	590,939
Other Expenses	208,727	-	208,727
Capital	1,139,000	28,500	1,167,500
Subtotal Expenses	18,897,474	14,083,620	32,981,094
Net Income (Loss) Before Depreciation	\$ (299,395)	\$ (488,886)	\$ (788,282)
Net Asset Designations:			
Projected Operating Reserve, January 1, 2020	\$ 4,139,241	\$ 28,739,107	\$ 32,878,348
Net Increase (Decrease) in Fund Balance	(299,395)	(488,886)	(788,282)
Projected Operating Reserve, December 31, 2020	\$ 3,839,846	\$ 28,250,221	\$ 32,090,066
Estimated % of Expenses	20.3%		
Designated Operating Reserve:			
Abandoned Well Closure Assistance *	216,567	-	216,567
Habitat Conservation Plan	-	28,250,221	28,250,221
Designated Operating Reserve Balance	\$ 216,567	\$ 28,250,221	\$ 28,466,788
Estimated % of Expenses	1.1%		
Undesignated Operating Reserve Balance	\$ 3,623,279	\$ -	\$ 3,623,279
Estimated % of Expenses	19.2%		

* \$257,000 appropriated in 2020 budget for abandoned well closure assistance.

Highlighted amounts represent amendments to the original proposed budget.

Edwards Aquifer Authority
2020 Proposed Operating Budget

EAHCP Fund Summary

Expense Classification	Account Description	2020 Proposed Budget	Proposed Amendments	2020 Proposed Budget AMENDED
Salaries & Wages	Salaries & Wages	498,347		498,347
Salaries & Wages Total		498,347	-	498,347
Employee Benefits	Allowances	3,000		3,000
	Dental Insurance	2,322		2,322
	Employer FICA & Medicare	38,124		38,124
	Health Insurance	43,740		43,740
	Life & AD&D Insurance	1,973		1,973
	LT Disability Insurance	1,545		1,545
	Medical Reimbursement	17,500		17,500
	Retirement Contributions	46,994		46,994
	State Unemployment Tax	1,890		1,890
Employee Benefits Total		157,088	-	157,088
Professional Technical Services				
	Contractual Professional Services	313,000		313,000
<u>Springflow Protection</u>	Regional Municipal Water Conservation	600,400		600,400
	SAWS ASR Leasing	5,891,594		5,891,594
	SAWS ASR O&M	408,255		408,255
	VISPO	2,508,070		2,508,070
<u>San Marcos Springs</u>	Bank Stabilization/Permanent Access Points	20,000	(20,000)	-
	Biological Monitoring	371,929		371,929
	Household Hazardous Waste Program	30,000		30,000
	LID/BMP Management	500,000	(300,000)	200,000
	Litter Control/Floating Vegetation	44,688		44,688
	Management - Key Public Rec Areas	56,000		56,000
	Non-Native Animal Species Control	27,285		27,285
	Non-Native Plant Spec Control	200,000	(80,723)	119,277
	Restoration - Riparian Zones	20,000		20,000
	TX Wild Rice Enh./Restoration	30,000	43,750	73,750
	Water Quality Monitoring	160,536		160,536
<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	38,000		38,000
	LID/BMP Management	100,000	55,000	155,000
	Litter Control/Floating Vegetation	30,000		30,000
	Non-Native Animal Species Control	50,000		50,000
	Old Channel Restoration	50,000		50,000
	Restoration - Riparian Zones	125,000		125,000
	Riparian Improvement - Riffle Beetle	10,000		10,000
	Water Quality Monitoring	131,874		131,874
<u>Applied Research</u>	Applied Research	240,000		-
<u>Refugia</u>	NFHTC Refugia	1,151,682		240,000
Professional Technical Services Total		13,617,158	(301,973)	1,151,682
				-
Property Services	Non-Capital Furniture & Equipment	1,500		1,500
Property Services Total		1,500	-	1,500
				-

Edwards Aquifer Authority
2020 Proposed Operating Budget

EAHCP Fund Summary

Expense Classification	Account Description	2020 Proposed Budget	Proposed Amendments	2020 Proposed Budget
Other Services	Conferences, Seminars & Training	27,500		27,500
	Meeting Expenses	20,000		20,000
	Printing	8,000		8,000
	Other Services Total	55,500	-	55,500
Supplies	Field Supplies	24,000		24,000
	Office Supplies	1,500		1,500
	Memberships	2,000		2,000
	Supplies Total	27,500	-	27,500
Capital Asset	Computer Hardware CY	7,000		7,000
	Computer Software CY	7,500		7,500
	Water Quality Monitoring Equipment	14,000		14,000
	Capital Asset Total	28,500	-	28,500
Grand Total		14,385,593	(301,973)	14,083,620

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APPENDIX C
GENERAL IMPROVEMENT REVENUE NOTE
AMORTIZATION SCHEDULE

Edwards Aquifer Authority
General Improvement Revenue Note
Amortization Schedule

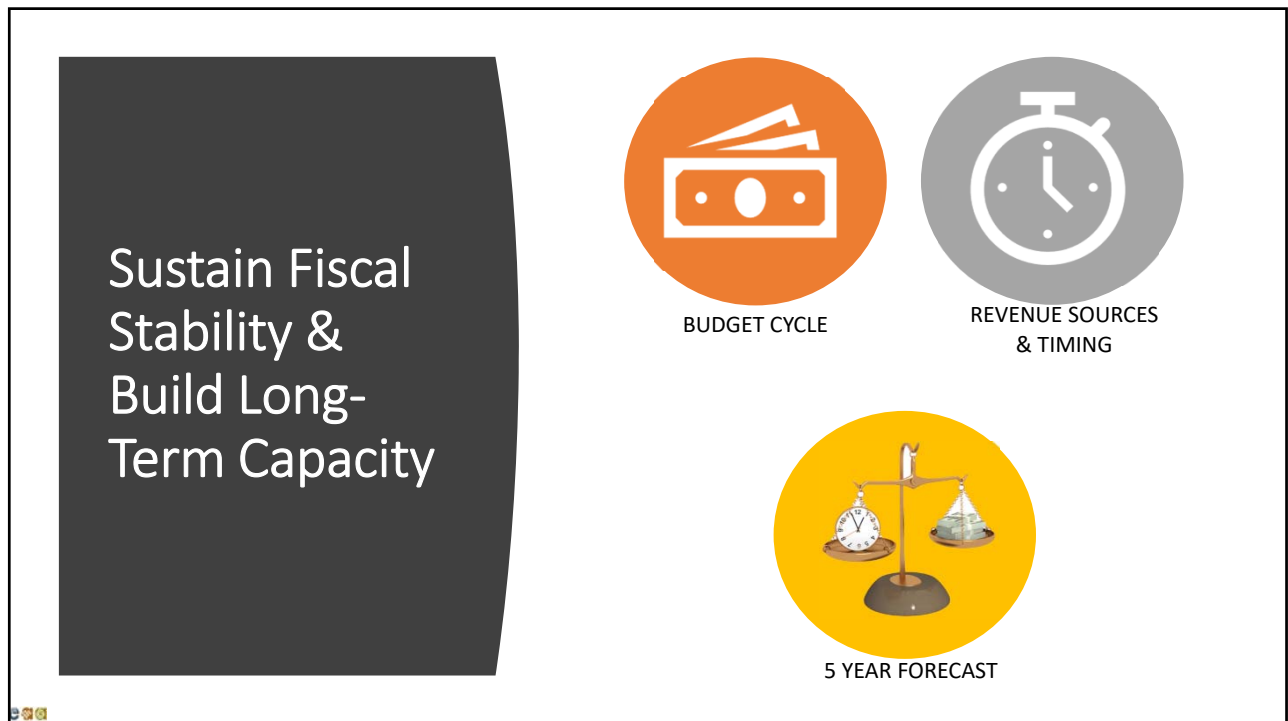
<u>Year</u>	<u>Total Payment</u>	<u>Principal</u>	<u>Interest</u>
2011	16,191	-	16,191
2012	126,712	-	126,712
2013	126,712	-	126,712
2014	190,898	65,000	125,898
2015	193,391	70,000	123,391
2016	195,696	75,000	120,696
2017	192,876	75,000	117,876
2018	194,993	80,000	114,993
2019	196,923	85,000	111,923
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>

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**APPENDIX D
5-YEAR FORECAST
PRESENTED JULY 5, 2019**



1



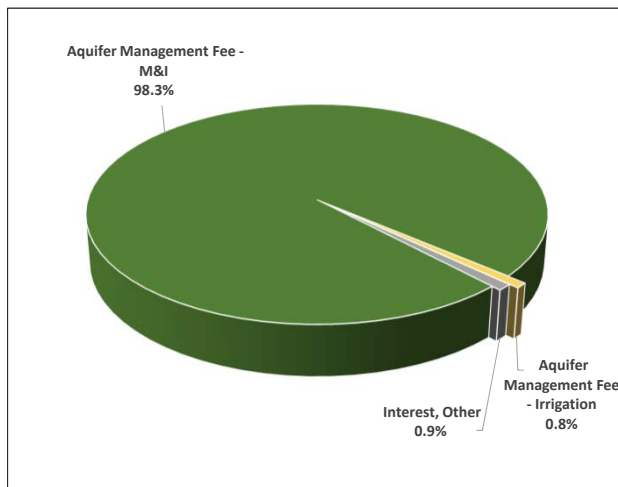
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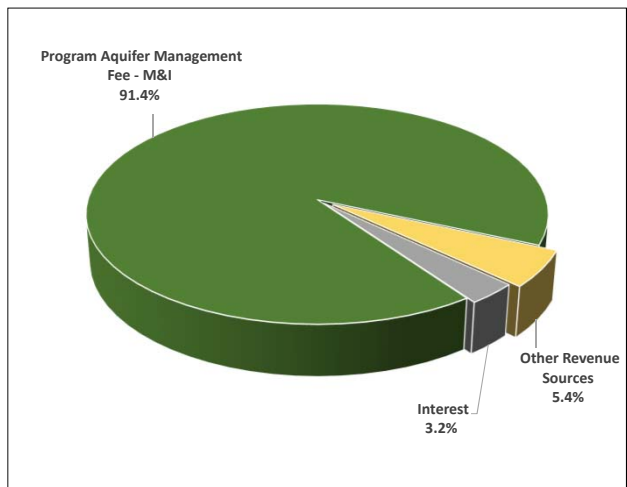
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Where does our REVENUE come from?

EAA General Operations



Habitat Conservation Program

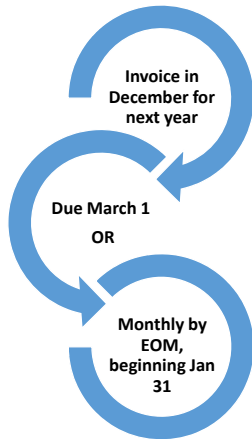


* 2020 Forecast; Percentages may not total to 100% due to rounding.

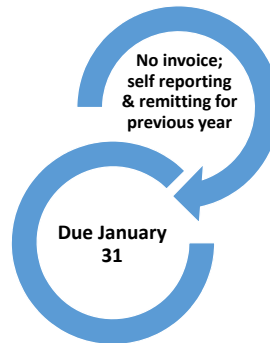
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When and how do we get paid?


Municipal & Industrial (M&I) Permit Holders



Irrigation/Agricultural Permit Holders



5



5 Year Forecast

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

6

5 Year Forecast People/Benefits

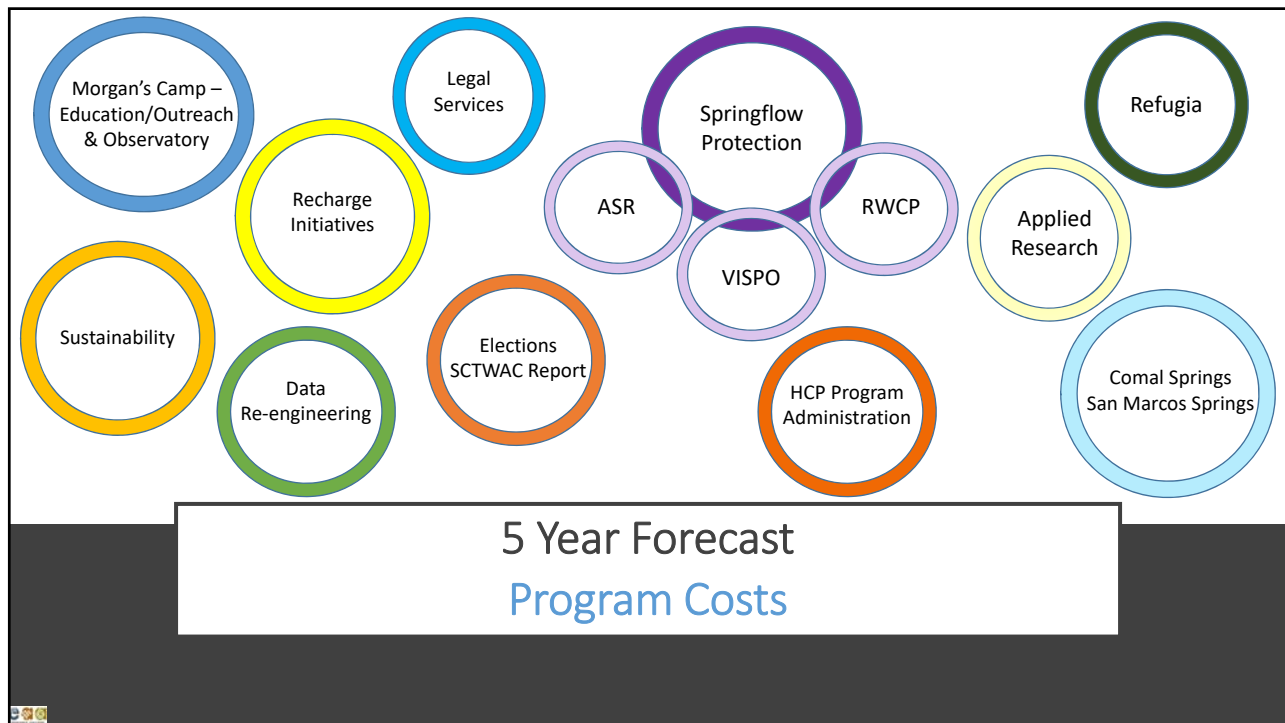
- 2021: 3 new positions proposed

	<u>2019-A</u>	<u>2020-P</u>	<u>2021-P</u>
Total Staff Positions:	107.0	107.0	110.0
Full Time	99.0	99.0	102.0
Part Time	1.0	1.0	1.0
Intern	7.0	7.0	7.0

- Average Combined Annual Cost of Living/Merit Increase: 6%/year
- Insurance: 8.5% increase/year
- Retirement (TCDRS): 9.43% (2020)



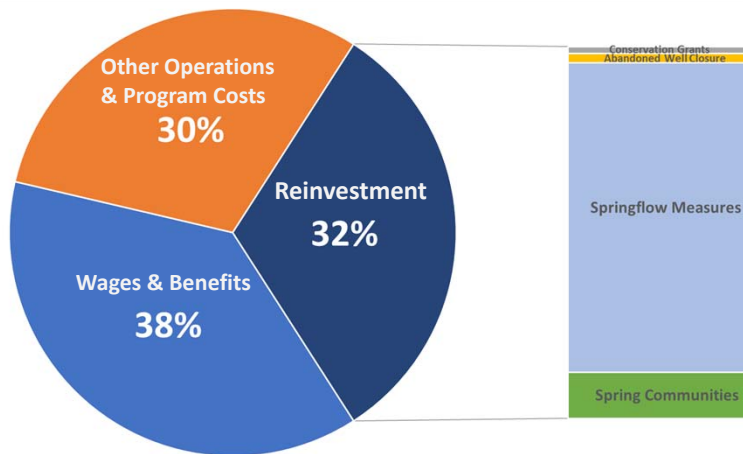
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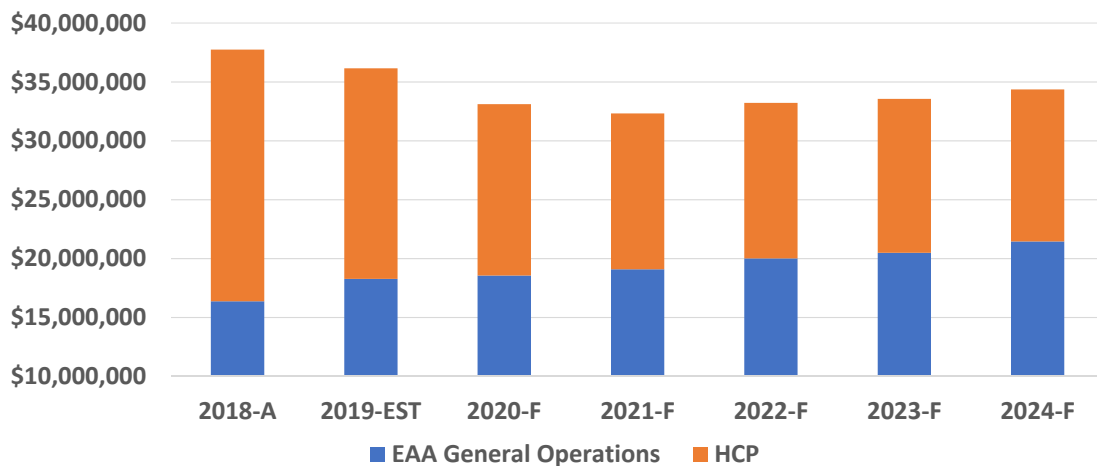
Constituent/Community Reinvestment

32%

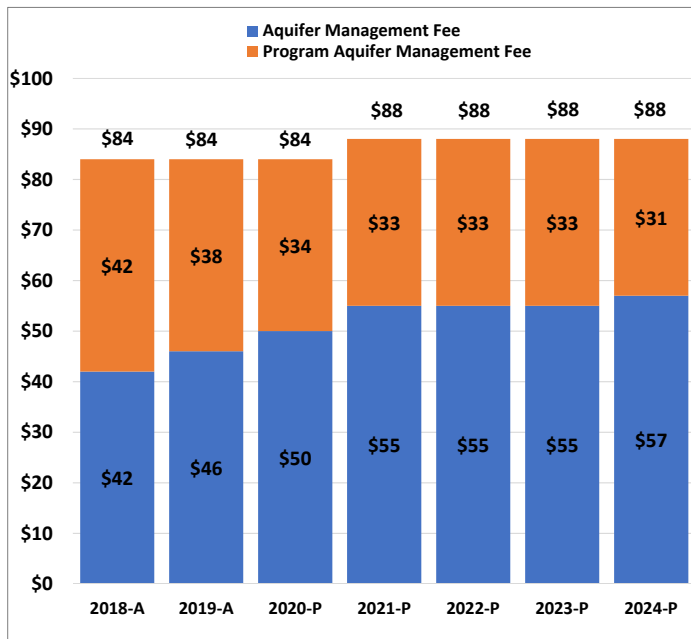


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Expense Forecast by Year



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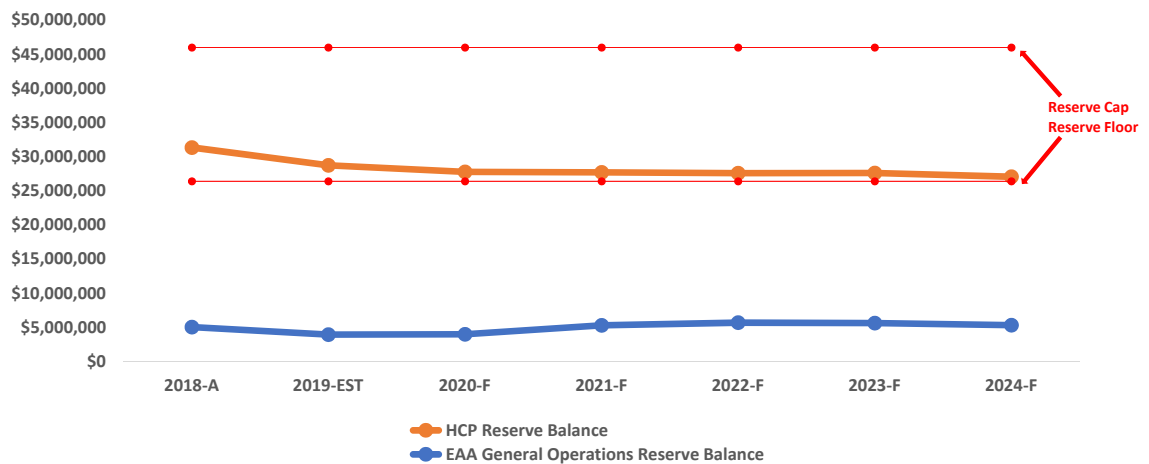
Note: Irrigation permit holders pay \$2/AF, per statute. Above rates are for Municipal & Industrial permit holders only.

M&I Rate Considerations

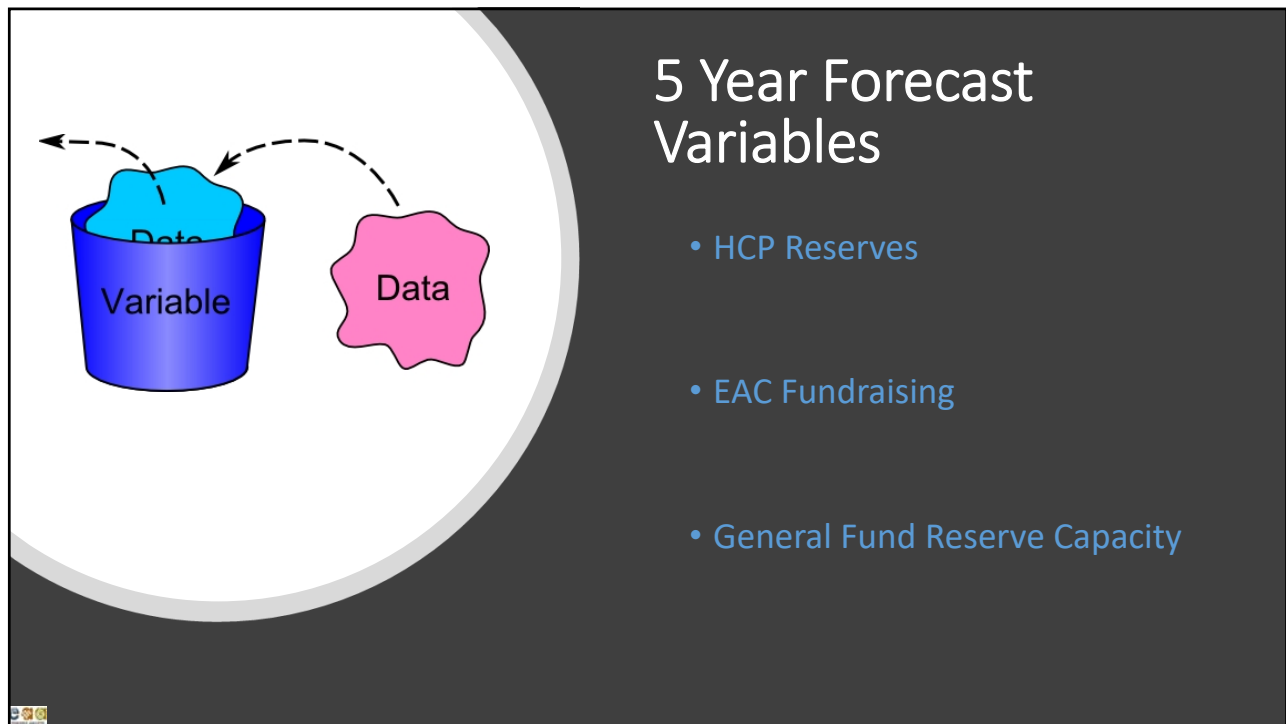
Limitations
Stability
Building Capacity

11

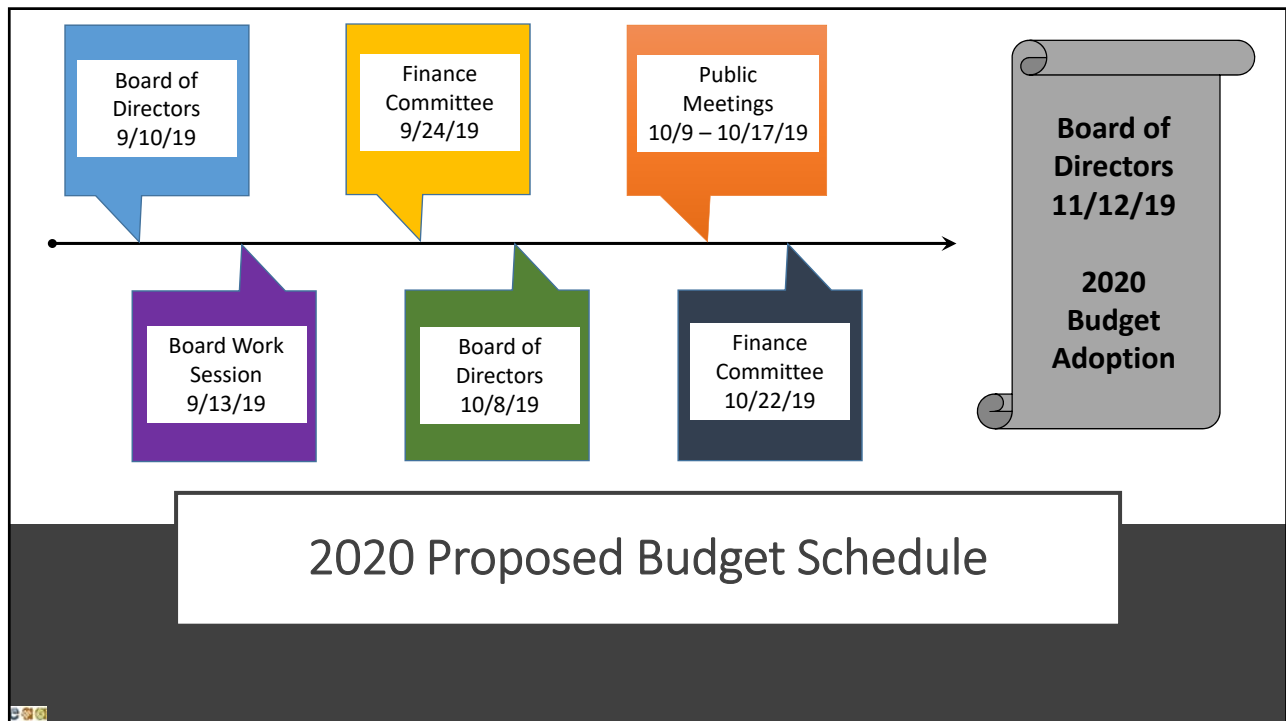
Reserve Projections



12



13



14



Questions?

Thank you!

APPENDIX E GLOSSARY

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.

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 \$1,000 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.

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

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

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)