

# ANNUAL BUDGET

Fiscal Year 2022 - 2023



Water future

Growth

Reliability

Flood Control

Modernization

Resilience



PUBLIC SERVICE BOARD

# ANNUAL BUDGET

FISCAL YEAR 2022-2023



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Budget & Management Analyst

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**El Paso Water / Fiscal Year 2022-2023 Budget  
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## HOW TO MAKE THE MOST OF THIS DOCUMENT

This budget book is intended to provide a clear, understandable financial plan that can be used by the rate paying citizens of the City of El Paso, including the Public Service Board. Inside is a guide for the operating activities for Fiscal Year 2022-2023 (March 1, 2022 to February 28, 2023) broken down as follows:

<b>Introduction:</b>	Message from the President and CEO; El Paso Water (EPWater) Organization Structure; Government Finance Officers Association Distinguished Budget Presentation Award
<b>Community and Utility Profile:</b>	Summary of EPWater service area system
<b>Strategic Plan:</b>	Summary of Public Service Board's guiding plans
<b>Financial Policies:</b>	Summary of the Water and Wastewater Utility's financial policies
<b>Financial Plan:</b>	Fiscal year 2022-2023 budget overview of the Water and Wastewater Utility
<b>Capital Improvements:</b>	Summary and project-by-project description of all design, planning, and construction projects intended to create, maintain, or improve Water and Wastewater Utility assets
<b>Operating Budget Detail:</b>	Explicit presentation of each of the Water and Wastewater Utility's subcomponent business units, including FY 2022-2023 approved budgeted appropriations, strategic objectives, and quantifiable performance measures to ensure these goals and objectives are being met
<b>Stormwater Utility:</b>	Review of the goals and objectives for FY 2022-2023, the detail operational budget and the capital improvement budget
<b>Statistical:</b>	Ten-year summary of selected financial water, wastewater, and stormwater system data
<b>Appendix:</b>	Glossary of key terms, an index of acronyms and a detailed schedule of EPWater operating and maintenance budget account classifications

Any additional financial, legal, or other policy information, may be addressed to the Chief Financial Officer:

**Via Hand Delivery:** 1154 Hawkins Blvd, 1<sup>st</sup> Floor

**U.S. Mail:** El Paso Water  
PO Box 511  
El Paso, Texas 79925

Complete copies of the Annual Budget, Annual Report(s), Annual Comprehensive Financial Report, Rules and Regulations are available at:

**Website:** [www.epwater.org](http://www.epwater.org)





January 12, 2022

Dr. Kristina Mena, Chair  
Dr. Ivonne Santiago, Vice Chair  
Bryan Morris, Secretary-Treasurer  
Christopher Antcliff, Member  
Charlie Intebi, Member  
Lisa Saenz, Member  
Hon. Oscar Leeser, Mayor, City of El Paso

Dear Public Service Board Members:

With this letter, I submit for your approval the Fiscal Year 2022-2023 Water, Wastewater and Reclaimed Water Utility combined operating and capital budget totaling \$784.9 million and the Stormwater Utility operating and capital budget totaling \$91.8 million. The detailed operating and capital budgets have been presented to you for your input, review, and guidance in the public budget workshop held November 30, 2021. The budgets are consistent with the Board's Strategic Plan and achieve the following key objectives:

- Provide sufficient funding for the operation and maintenance of the system
- Improve water and wastewater plant infrastructure with an aggressive plan in the next five years to rehabilitate and expand wastewater treatment plants to ensure reliability and capacity to serve a growing community
- Increase and diversify our water resource portfolio to ensure future water supply for the El Paso community for this generation and the next
- Continue to implement and deploy technological advancements that increase efficiencies and improve customer service
- Ensure financial stability while still providing affordable and reliable services to our customers

2021 was a challenging year due to many circumstances, including torrential rainfall during the summer that caused city-wide damage to the stormwater system highlighting a need for more capital investment, and multiple breaks of the Frontera Force Main which will require extensive mitigation well into 2022. This year's budget includes the operating and capital resources to address these issues and improve in providing essential services to the community.

**The following are the highlights of the Water, Wastewater and Reclaimed Water Operations and Capital Budget for FY 2022-23:**

- The \$131.2 million operating and maintenance budget represents an increase of \$15.1 million versus last fiscal year's and includes an increase of \$2.2 million in salaries to fund 45 new positions.
- The capital budget of \$538.8 million includes \$5.6 million for capital equipment and these major projects:
  - \$50.2 million for the initial planning and implementation of energy redundancy, storage resiliency and weatherization of critical water infrastructure to comply with Texas Senate Bill 3 which addresses preparedness for extreme weather emergencies;
  - \$158.6 million for new and rehabilitation of water and wastewater conveyance projects throughout the city; and
  - \$124.3 million for improvements to wastewater treatment plants highlighted by the \$59.7 million for the Robert R. Bustamante Wastewater Treatment Plant; and
  - \$5.5 million for the meter replacement program which includes a multi-phase and multi-year initiative to automate meter reading through Radio Frequency with a goal of 20,000 meters this fiscal year

**The following are the highlights of the Stormwater Operations and Capital Budget for FY 2022-23:**

- The \$9.2 million operating budget increased by \$1.6 million as compared to last fiscal due to increased maintenance costs.
- The capital budget of \$70.6 million, includes \$559,000 for capital equipment, and the following projects to address the most urgent needs of the system.
  - \$50.8 million for stormwater storage and conveyance projects, including \$7.8 million for the construction of the Will Ruth Pond in Northeast El Paso, and
  - \$2.7 million for emerging monsoonal projects

**Water, Wastewater and Reclaimed Water Rate and Stormwater Fee Impacts**

A typical residential customer will see an increase in their monthly water, wastewater, and stormwater bill of \$6.37.

The FY 2022-23 operating and capital budgets for the Water, Wastewater, Reclaimed Water and Stormwater took into account increases in operational and capital costs and reflects the Utility's commitment to provide the highest services at an affordable rate/fee to our customers while maintaining financial stability.

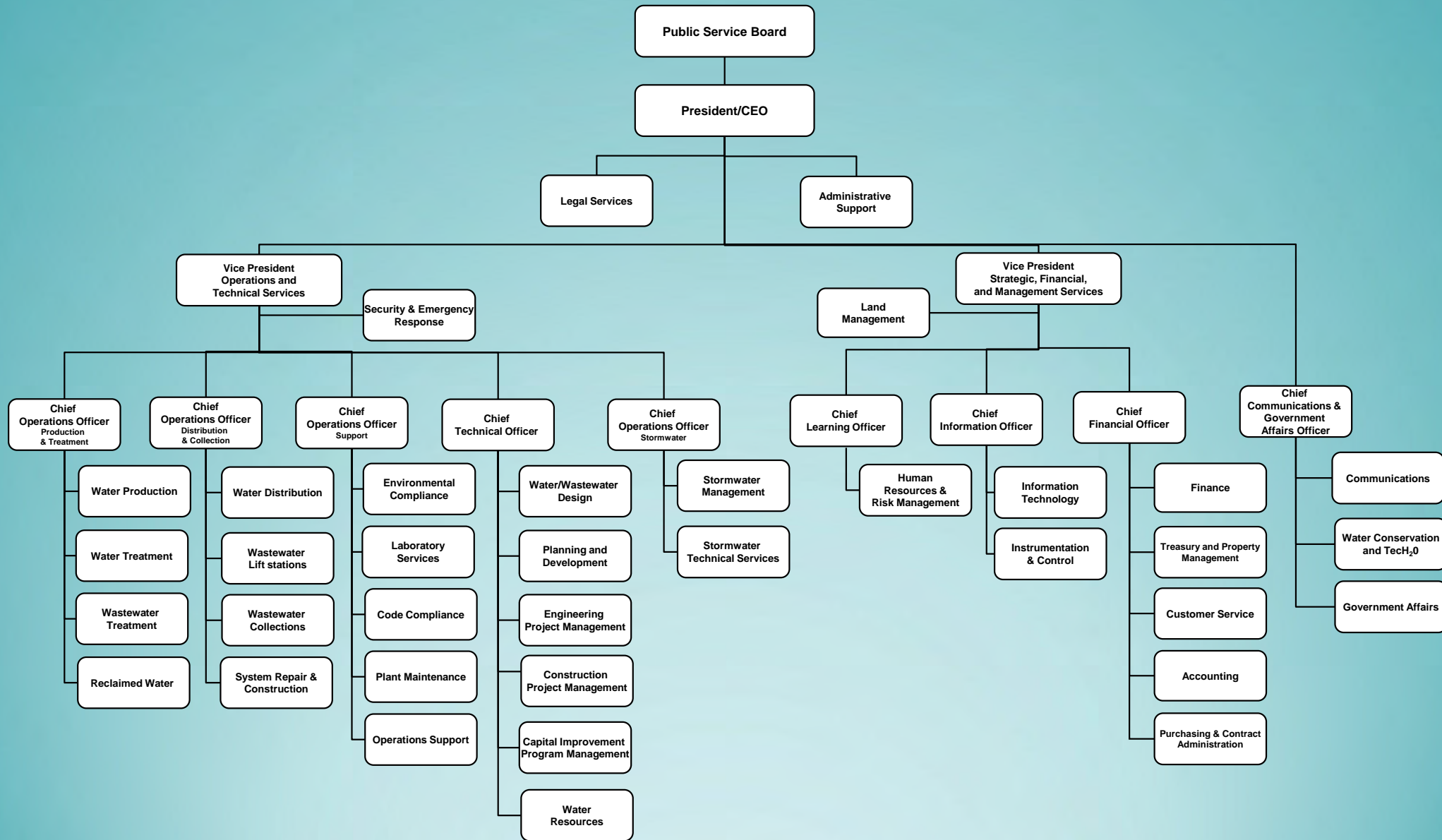
Sincerely,



John E. Balliew, P.E.  
President and CEO

# El Paso Water

## Organizational Structure





GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished  
Budget Presentation  
Award*

PRESENTED TO

**El Paso Water Utilities  
Texas**

For the Fiscal Year Beginning

**March 01, 2021**

*Christopher P. Morill*

**Executive Director**



# SERVICE AREA PROFILE

## GEOGRAPHY, HISTORY AND CLIMATE



The city of El Paso, the sociopolitical center of El Paso County and West Texas, has a distinct culture, climate, and resource supply, making water consumption unique among the similar municipalities in the desert southwest of the United States. El Paso is in the northern extreme of the Chihuahuan Desert and lies on the frontier of three states, two countries, and three diverse water supplies. The Rio Grande valley in El Paso forms a natural crossing between the Chihuahuan Mountains to the south and the Franklin Mountains to the north. The region, consisting of El Paso, Texas; Ciudad Juárez, México; and Las Cruces, New Mexico; is home to more than two million people. The region has a unique quality possessing the largest bilingual and bicultural workforce in the Western Hemisphere.

The city's name may be traced to the Spanish El Paso Del Norte or the "pass of the north." During the 16th century, conquistadors, such as Álvar Núñez Cabeza de Vaca, Francisco Vázquez de Coronado, and Don Antonio de Espejo, led an expedition through the area in the name of the Spanish crown and were met with resistance by natives. Most explorers traveled through in search of the fabulously rich Seven Cities of Cibola and chasing legends of lost gold. In 1998, the city marked the quadricentennial celebration of those who stayed, marking the 400th anniversary of Don Juan de Oñate's crossing of the Paso del Norte that formed the first permanent settlement in the area.

In April of 1598, on the banks of the Rio Grande in the San Elizario area, about 500 expedition settlers marked the first Thanksgiving in North America, about 23 years before the better-known feasts in Massachusetts in 1621. When the feasting ended, Oñate took possession of all lands watered by the Rio Grande. Oñate's El Paso would become a major metropolis in Texas four centuries later.

The Sun City nickname is well earned, as El Paso enjoys an average daily temperature of 70 degrees and more than 300 days of sunshine each year. The city plays host to the annual Sun Bowl college football game – second only to the Rose Bowl as the oldest continuous bowl game – as well as a college basketball



tournament and parade also associated with the Sun Bowl. Low humidity and an average annual rainfall of nine inches make the Sun City a yearlong destination. El Paso – one of only two counties out of the 254 in Texas located in the Mountain Time zone –is representative of several topographies.

The city's average elevation is 3,762 feet above sea level, climbing as high as 7,200 feet. The nearly 250 square miles of incorporated land is part of the junction between México, New Mexico, and Texas and also includes farmland along the Rio Grande. The river has been tamed from its historical might.



Called the Río Bravo in México, the Rio Grande originates with snowpack and snowmelt from southern Colorado and northern New Mexico. The river is also the natural boundary between the United States and México from El Paso to the Gulf of Mexico. Two major treaties resolved disputes between countries and states over Rio Grande water rights.

The Convention between the U.S. and México on the Equitable Distribution of Waters of the Rio Grande was signed May 21, 1906, by President Theodore Roosevelt. This agreement is administered by the International Boundary and Water Commission. The Rio Grande Compact is an interstate compact signed in 1938 between Colorado, New Mexico, and Texas and approved by the U.S. Congress to equitably apportion the waters of the Rio Grande Basin.

To meet the needs of the water allocations, the U.S. Department of Interior's Reclamation Service (now Bureau of Reclamation) built the Rio Grande Project. The project captures spring runoff and summer rains to be held in one of the world's largest man-made lakes (Elephant Butte) and a major infrastructure system for water delivery. The project was authorized in 1905, and Elephant Butte opened in 1916. The project's final features were added in the early 1950s. The system is comprised of a 300-foot tall Elephant Butte Dam and its smaller companion Caballo Dam, six diversion dams, 141 miles of canals, 462 miles of laterals, and 457 miles of drains. A small hydroelectric plant was part of the original project but sold to a private electric company.

The Rio Grande flows through narrow gorges requiring diversion and canal systems for three valleys: the Rincón, Mesilla, and El Paso. The Rio Grande Project furnishes an irrigation water supply for about 178,000 acres of land in Doña Ana, Sierra, and Socorro counties in south-central New Mexico and the City and County of El Paso.

Of the project lands, 60% are in New Mexico, and the remaining 40% are in Texas. Supplemental drainage provides water for 18,000 acres in the Hudspeth County's Conservation and Reclamation District.

## DEMOGRAPHICS AND SOCIOECONOMICS



According to the U.S. Census for 2020, El Paso was the sixth-largest city in Texas and the 23<sup>rd</sup> largest city in the United States with a population of about 680,000. El Paso County is the ninth largest county in Texas with an estimated population of 865,000 people. El Paso's sister city of Ciudad Juárez, México in 2020 had an estimated population of 1.5 million. With a population of about 220,000 in the neighboring Doña Ana County, NM, the combined Borderplex region constitutes one of the largest international border communities in the world. Despite all the disruptions, uncertainties, and pandemic health issues, the local economy grew in a fairly robust manner throughout 2021. The U.S. Bureau of Labor Statistics reports that labor market conditions improved substantially over the course of the year with the November unemployment rate at 5.4 percent, down from more than eight percent in November 2020. However, clogged shipping ports continue to affect global distribution and supply chains. Regionally, companies have suffered the consequences of episodic plant closures and empty shelves. The producer price index rose by 9.8 percent during the 12-months through November, and consumer prices rose 6.8 percent.

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**Major Employers** (excludes retail)

*Fort Bliss*

*El Paso Independent School District*

*Socorro Independent School District*

*City of El Paso*

*T&T Staff Management*

*Ysleta Independent School District*

*The Hospitals of Providence*

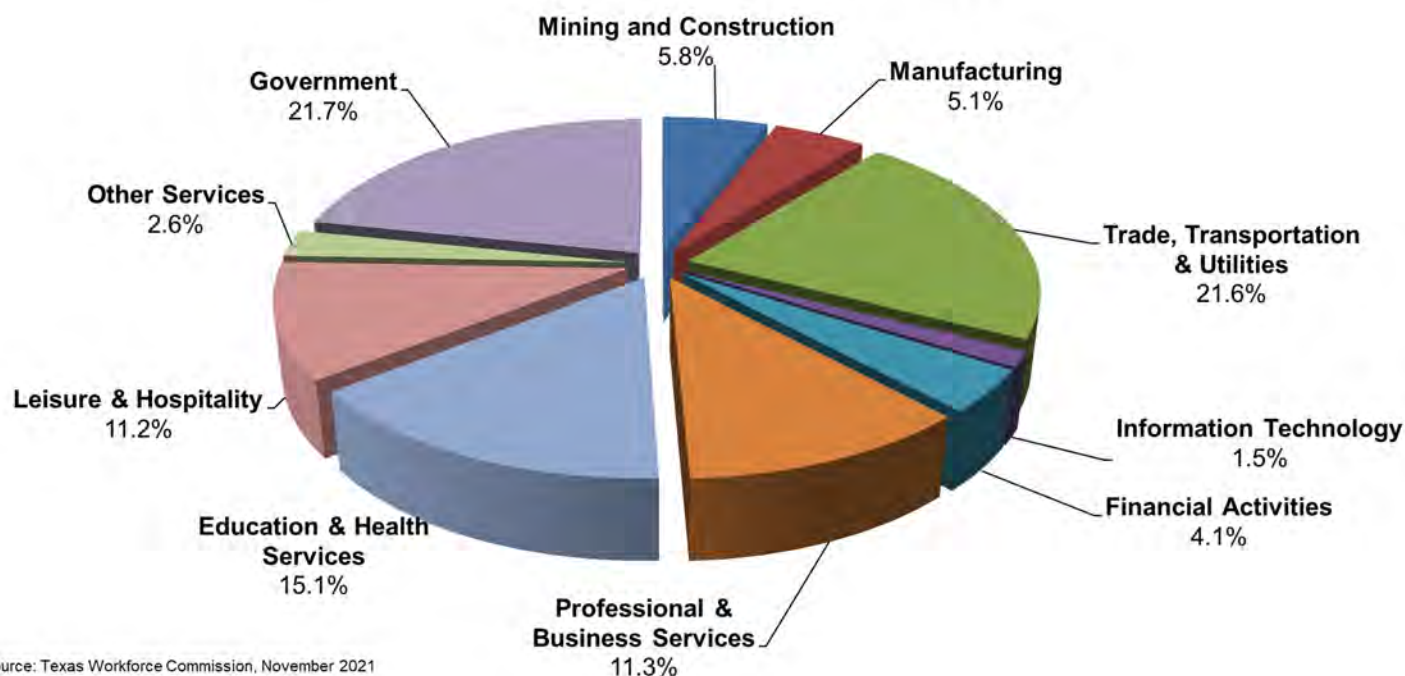
*Source: City of El Paso, Economic & International Development,  
January 2022*

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The El Paso Tri-State region is the fifth-largest manufacturing center in North America. About 25% of all trade between México and the United States travels through El Paso's four international ports of entry. U.S. and Mexican production and manufacturing trends are important to the local economy because of cross-border manufacturing relationships. Roughly half of maquiladoras in Ciudad Juárez are related to the auto industry. According to the Federal Reserve Bank of Dallas, the United States and México both saw increases in industrial production from late 2020 to late 2021 (of 5.3% and 1.6%, respectively).



### Employment in El Paso by Industry



### Cost of Living

El Paso consistently ranks among the most affordable major cities by multiple sources with a cost of living of approximately 81.4 percent of the national average. According to the National Association of Realtors, housing is the most significant factor in the cost of living, with a median home price of \$177,800

### Downtown Revitalization



The City of El Paso's redevelopment and revitalization efforts of downtown El Paso have gained national recognition. Following the restoration of the Plaza Theatre (2006), the opening of Southwest University Park (2014), and the return of streetcar services (2018), new hotels, office buildings, and even residential buildings have opened. The new WestStar Tower opened its doors in September 2021 and changed the skyline, becoming the tallest building in El Paso at a height of 313 feet and 20 stories.



## Fort Bliss



The Fort Bliss military installation continues to be a major force in the El Paso economy and is the single largest employer in the region. As a result of base realignment and closure (BRAC), the installation grew from 10,000 to 34,000 soldiers between 2005 and 2012 and continues to grow. According to the Defense Department, Fort Bliss in 2021 directly employed more than 40,000 military personnel and about 10,000 civilian personnel. Fort Bliss serves and supports all branches of the military. It is a major mounted maneuver training post and home to the 1st Armored Division. Fort Bliss' Army Forces Command has three brigade combat teams, a combat support hospital, military police, training, network operations, reserve training, and mobilization. EPWater provides wholesale water and wastewater services to Fort Bliss. The utility provides Fort Bliss with 25% of its water needs and all of its wastewater needs.

## University of Texas at El Paso



El Paso is home to the University of Texas at El Paso (UTEP), the second oldest member of the University of Texas System. It was founded in 1913 and became part of the UT system in 1919. The UTEP campus architecture is derived from the temples in the Himalayan Kingdom of Bhutan. According to the UTEP website, enrollment is nearly 25,000, and the university offers 74 Bachelor's, 71 Masters, and 23 Doctoral degrees.

UTEP has been recognized as a top minority degree producer by *Diverse: Issues in Higher Education* magazine. About 83% of the UTEP's students are Hispanic, with many from El Paso. UTEP reports that the school ranks second in Texas for awarding bachelor's degrees to Latino students and first place nationally in percentage of engineering degrees awarded to Hispanics. With more than \$100 million in total annual research expenditures,

UTEP is ranked in the top five percent of research institutions nationally and fifth in Texas for federal research expenditures at public universities.

### **Texas Tech University Health Sciences Center-El Paso**



The Texas Tech University Health Sciences Center in El Paso is comprised of four schools: the Paul L. Foster School of Medicine, Gayle Greve Hunt School of Nursing, the Graduate School of Biomedical Sciences, and the Woody L. Hunt School of Dental Medicine.

- The Paul L. Foster School of Medicine is the first four-year medical school on the U.S./México border. As of 2013, the school was estimated to have improved the local economy by \$1.31 billion. It is expected to be among the catalysts for achieving first-rate medical care in the region, training more physicians, and delivering quality health care to El Pasoans.
- The Gayle Greve Hunt School of Nursing was established in 2011 to counteract a long-term shortage of nurses to provide care in this medically underserved area. In 2013, the school received full accreditation for its baccalaureate degree program from the Commission on Collegiate Nursing Education.
- The Graduate School of Biomedical Sciences opened in 2013 to educate the next generation of scientists and health-related professionals by providing a dynamic research environment tailored to satisfy the learning needs of a multicultural group of students.
- Texas Tech opened the Woody L. Hunt School of Dental Medicine in 2021 as part of an effort to address a critical shortage of dentists in West Texas and welcomed its inaugural class of 40 students.



# UTILITY PROFILE

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## HISTORY OF EL PASO WATER

Although the Utility has been around in some form or another for as long as the City of El Paso has, it was not until 1952, when the **Public Service Board (PSB)** was created, that **El Paso Water (EPWater)** took its present form. With the leadership and foresight of Mayor Fred Hervey to address El Paso's water demands and make water issues as apolitical as possible, the PSB was created through a city ordinance. El Paso City Ordinance No. 752, adopted May 22, 1952, established a five-member board of trustees known as the PSB. It was given complete management and control of the city's water system. The ordinance was later amended to increase the size of the board to seven members. The board of trustees consists of the mayor of the City of El Paso and six residents of El Paso County, Texas. Except for the mayor, all other trustees are appointed by the City Council and serve staggered four-year terms. The PSB meets the second Wednesday of each month, except during holiday seasons.

For financial reporting purposes, EPWater is considered a component unit of the City of El Paso, with oversight of the PSB, EPWater operates and manages the Utility on behalf of the City. The PSB adopts an annual combined operating, capital, and debt service budget with associated rates and fees for services and issues updates to its Rules and Regulations, which carry the force of law. The Utility does not issue *ad valorem* property taxes. Instead, the PSB recovers the cost of providing water, wastewater, and stormwater services primarily through user charges. The Utility endeavors to provide the highest quality water, wastewater, and stormwater services to its customers at the most reasonable cost possible.

## ASSETS

The combined major system assets for the water, wastewater, reclaimed water, and stormwater utilities are valued at \$2.4 billion. The following table summarizes major infrastructure in the system.

Water and Wastewater	Stormwater
<ul style="list-style-type: none"> <li>• 4 water treatment plants</li> <li>• 4 wastewater treatment plants</li> <li>• 153 wells</li> <li>• 2,767 miles of water lines</li> <li>• 2,368 miles of wastewater lines</li> <li>• 11,567 fire hydrants</li> <li>• 76 reservoirs</li> <li>• 75 lift stations</li> <li>• 60 pump stations</li> <li>• 53 booster stations</li> </ul>	<ul style="list-style-type: none"> <li>• 457 ponds</li> <li>• 41 dams/basins</li> <li>• 71 miles of channels</li> <li>• 9 miles of agricultural drains</li> <li>• 7,510 drainage inlets</li> <li>• 22 stormwater pump stations</li> <li>• 347 miles of storm drain conduits</li> </ul>

Note: assets as of December 31, 2021

In June 2021, the PSB acquired the Esperanza Water System in Hudspeth County which serves about 300 homes and has estimated assets of \$1.7 million. As a leader of the Texas Water Development Board's Far West Texas regional planning group, EPWater sees its role as a protector of the region's current and future water resources. The decision to acquire the Esperanza Water System was a decision to keep regional water in regional hands.

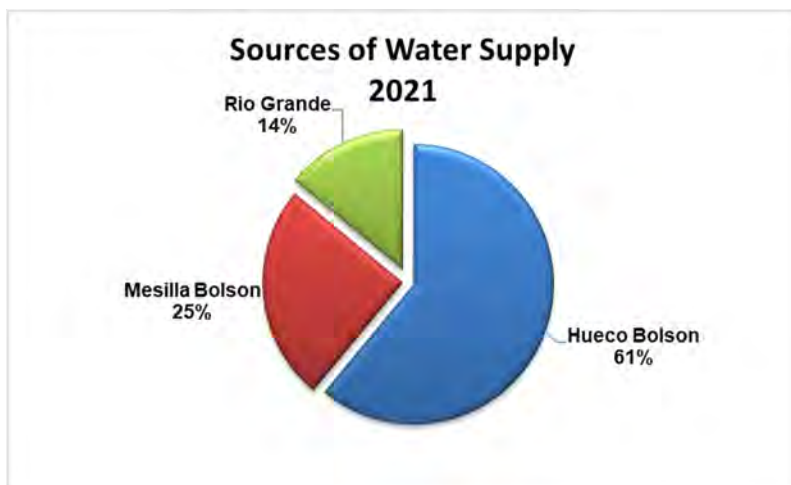
## SOURCES OF WATER SUPPLY

El Paso uses groundwater and surface water for its potable supply. In 2021, the city produced about 127,566 acre-feet for the year of potable water for customers.

- Groundwater sources — underground aquifers tapped by wells — including the Hueco Bolson, which supplied 61 percent of total demand, and the Mesilla Bolson, with 25 percent. *Bolsón* is Spanish for “pocket”.
- Rio Grande surface water supplied 14% of the supply.
- Reclaimed water helps supply non-potable demands. More than 1.8 billion gallons per year of reclaimed water was used for non-potable demands, including turf irrigation and industrial uses.
- The groundwater capacity is approximately 170 million gallons per day (MGD), including desalinated brackish groundwater. The amount of surface water available each year varies, depending on drought conditions. In the event of limited surface water because of drought conditions, the city will pump more groundwater from its wells.

Historically, EPWater relied heavily on groundwater because it could be pumped virtually at drinking water quality standards, whereas river water requires treatment to remove sediment, naturally occurring organic matter, and other compounds. However, because groundwater supplies are invariably finite, the PSB has engaged in a





multipronged solution to address and ensure El Paso's future water supply. The PSB owns land in the county and leases additional acres for water rights. In addition, EPWater has third-party agreements with the El Paso County Water Improvement District #1 and the U.S. Bureau of Reclamation, which allows for the purchase of additional surface water to supply the Jonathan W. Rogers Water Treatment Plant. In addition, the Kay Bailey Hutchison Desalination Plant is

designed to treat brackish groundwater. The desalination plant built in 2007 in far east El Paso can produce up to 27.5 MGD of safe drinking water. A multiphase expansion plan has begun with the first phase designed to increase production capacity to 31 MGD and a second phase is planned for the future to potentially increase capacity up to 42 MGD.

The Rio Grande is a major source of water for the city of El Paso. The amount of water received each year from the Rio Grande is dependent on the volume of water stored in the Elephant Butte Reservoir in southern New Mexico. Elephant Butte receives its water primarily from the melting of snowpack in the mountains of southern Colorado and northern New Mexico. Wind, above-average temperatures, and below-average precipitation may reduce runoff that can adversely impact the amount of water stored in the reservoir and what is available to EPWater. In 2021, EPWater used 17,579 acre-feet (AF) of river water for its supply. This amount represents only 29% of full river allocation of 60,000 AF. In comparison, only 10,000 AF of river water was used in 2013, a year of severe river drought. In 2022, it is expected that the severe drought will continue with a minimum allocation of river water and a shortened season of only a couple of summer months.

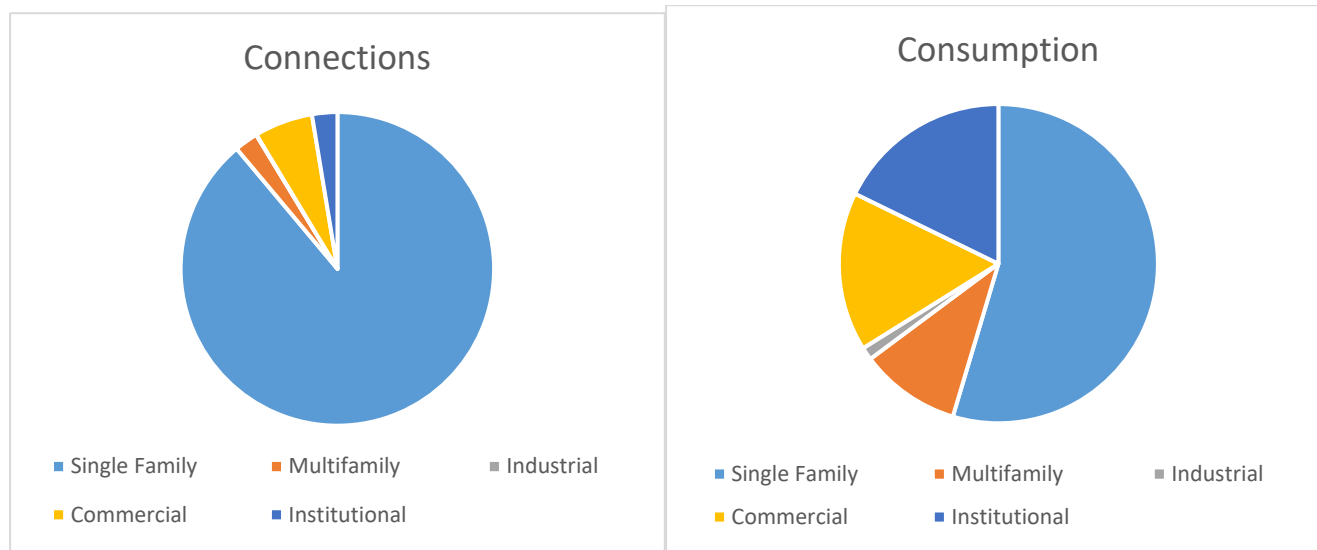
Groundwater has been El Paso's primary source of supply for many decades, and heavy pumping led to declining groundwater levels in the Hueco Bolson. Through a combination of water supply diversification and conservation, the rate of decline has been reduced.

## CONNECTIONS AND CONSUMPTION

At the end of 2021, EPWater had a total of 218,670 retail connections, and total retail metered consumption was 30.2 billion gallons. Of this total:

- Residential customers (single-family homes) represented 194,240 connections and consumed 16.6 billion gallons.
- Multifamily homes (apartment complexes, duplex/triplex) represented 5,314 connections and consumed 3.1 billion gallons.
- Industrial customers represented 92 connections and consumed 392.5 million gallons.
- Commercial customers represented 13,140 connections and consumed 4.9 billion gallons.

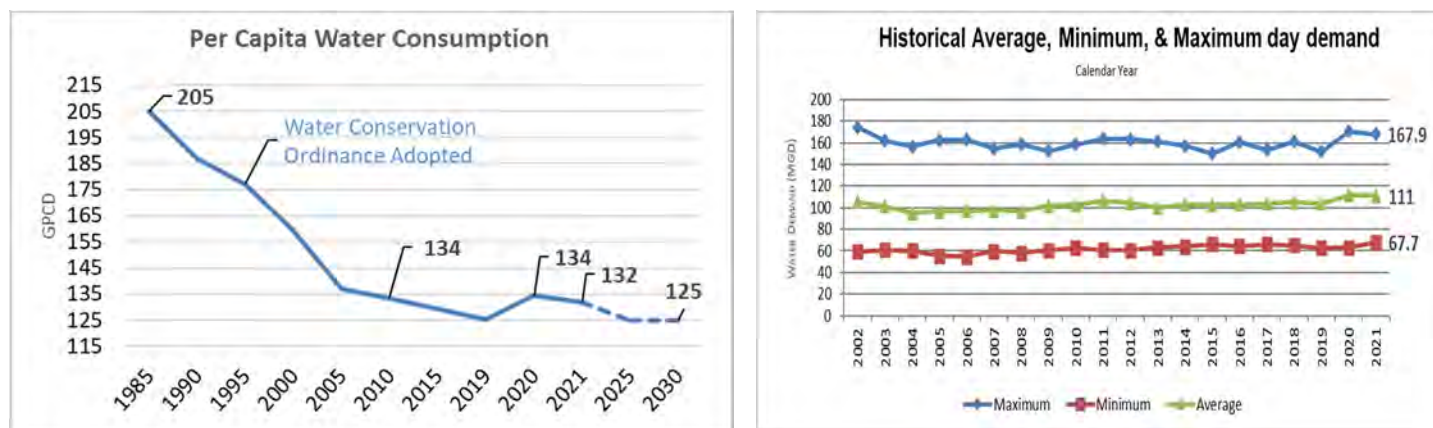
- Institutional customers (public/government/other) represented 5,884 connections and consumed 5.4 billion gallons.



In addition to retail sales, EPWater supplied wholesale customers with 3.9 billion gallons during 2021.

## Water Use

El Paso is in the Chihuahuan Desert, and water use fluctuates seasonally. Peak demands occur in the heat of summer due to increased landscape watering and the use of evaporative air conditioning. Water demands in the winter months with cooler temperatures account for 50% of peak summer demands.



Note: 2020 Consumption and GPCD increased due to 7% increase in residential consumption during the COVID19 pandemic

## WATER CONSERVATION

With its sunny days and mild temperatures, El Paso is a desert oasis. However, since rainfall averages only nine inches per year, water conservation is essential to the city's economy, environment, and quality of life.

EPWater began an aggressive water conservation program in 1991 and has reduced water consumption from more than 200 gallons per customer per day (GPCD) to 125 GPCD in 2019; however, during the pandemic, consumption skyrocketed to 134 GPCD in 2020, consistent with Texas, national and international trends. Several academic and industry studies observed that people adopted water-intensive practices with the shift to

remote working and learning with more intensive personal hygiene and more frequent cleaning of clothes and household spaces. Outdoor water consumption also changed with a rise attributed to an increased focus on gardening.

Under the state water plan, EPWater has set targets to reduce consumption by about three GPCD units per decade. The decrease in consumption achieved since the 1990s has been the result of education, enforcement of the city's conservation ordinance, changes to the plumbing code, and various incentives and rebates offered to residential customers by the Utility. Rate increases have also contributed to customer water use reductions.

### **Water Conservation Ordinance**

EPWater's Water Conservation Ordinance was adopted by City Council in 1991. The ordinance encourages sound conservation practices and specifies:

- Landscape water days (odd/even) and watering restriction times (April – September)
- Limits for at-home car washing
- Requirements to repair leaks within 5 days
- Requirements for the installation of efficient plumbing fixtures

In 1995, the city established landscape requirements for commercial properties, including water conservation restrictions and beautification guidelines. Additional updates in 2001 prohibited sprinkler-irrigated turf areas in parkways. Landscape requirements for commercial properties may be found under Title 18 – Building and Construction, Chapter 18.46 Landscape, and Chapter 18.47 Irrigation Systems.

### **Incentives**

Over the years, EPWater has provided a variety of conservation incentive programs that have positively impacted residential water consumption. Most of those residential programs have now ended, given the gains achieved and new efficiency requirements for new homes. Through the Certified Water Partner program introduced in 2017, EPWater has shifted its focus to certain commercial and institutional sectors to recognize best conservation practices within given sectors, provide water surveys to assist customers with water use reductions, and incentivize improvements.

### **Education**

An important part of the conservation program is education and outreach to build a conservation culture in El Paso. The Carlos M. Ramirez Tech<sub>2</sub>O Water Resources Learning Center offers visitors bilingual information and interactive exhibits to increase awareness of total water management in the Chihuahuan Desert.

In normal non-pandemic years, the Tech<sub>2</sub>O Learning Center is a hub for teachers and students, with programs that include field trips, in-school classroom presentations, teacher workshops, and family-oriented signature



events. The Utility's water conservation mascot, Willie the Water Drop, is a popular attraction at schools, community events, and videos available on the Tech<sub>2</sub>O website.

During the pandemic, the Tech<sub>2</sub>O Center was closed to the public. Virtual workshops, virtual school break camps, virtual class lessons, and downloadable classroom materials (videos, lesson plans, downloadable handouts) were offered to continue to promote an understanding of water in the desert.

## Community Outreach

Tech<sub>2</sub>O continues to offer WaterSmart workshops (virtual in 2020 and 2021) to help customers understand best practices for irrigation, plant and tree selection, mulching, rain harvesting, and more.

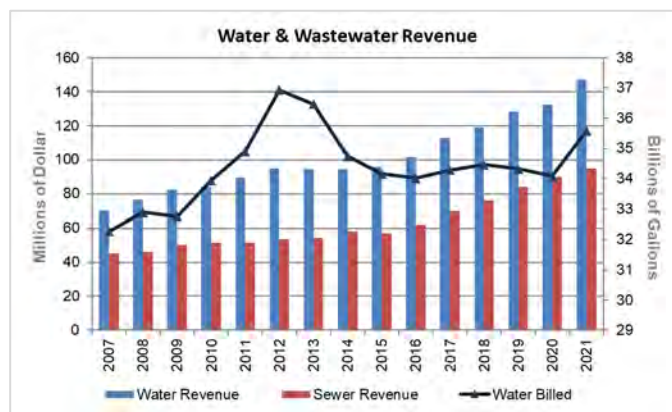
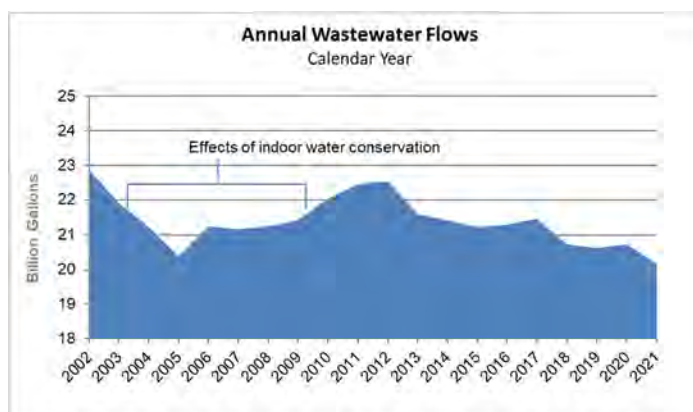
Public service campaigns promote conservation tips to customers through media, social media, and a quarterly conservation newsletter.

## Rate structure and conservation

In 1991, EPWater implemented an inclining rate structure where the unit price increases as water consumption increases. The Utility uses pricing as both a demand management tool and a way to generate additional revenue.

Municipal water utilities use rate structures and pricing signals as a water management tool to decrease non-discretionary water usage. As the price of water rises, increases in revenue will more than offset a resulting decrease in consumption. Consumers are relatively unresponsive to small changes in the price of water. To send the right price signal to consumers, some water utilities have adopted larger rate increases to get the desired response of decreased consumption.

Price elasticity of water also depends on other factors, such as precipitation and temperature, household income (the higher the household income, the higher the level of water consumption), and the implementation of conservation outreach programs.





## RECLAIMED WATER



Reclaimed water plays a significant role in conserving El Paso's potable water supply. Reclaimed water is wastewater that is treated to be suitable for safe use in many beneficial applications, such as industrial and irrigation. Although the Haskell R. Street Wastewater Treatment Plant (WWTP) has been providing its effluent to Ascarate Golf Course for irrigation since 1963, EPWater began making aggressive efforts to expand its reclaimed water treatment and distribution system in 1992. EPWater provides advanced secondary treatment, which removes 98 percent of organic pollution and disinfects 99.99 percent of reclaimed water, and tertiary treatment, which removes 99.9 percent of organic pollution and disinfects 99.99 percent of reclaimed water to users throughout the city, from all four of its wastewater treatment plants.

With the expansion of the Haskell R. Street WWTP reclaimed system, EPWater is able to provide service to seven parks, three schools, Evergreen Cemetery, the El Paso Zoo, the historic Concordia Cemetery complex, and various street medians. The first phase was completed in 2003 and the second phase was completed in 2006. A third phase was built in 2006 to provide two automated dispensing stations and four-post hydrants for street sweeping and construction use. In 2012, the North Central Reclaimed Water System-Phase 1 was constructed, and it provides reclaimed water service to the Texas Tech Medical School.

The John T. Hickerson Water Reclamation Plant provides reclaimed water service to the Northwest area. Distribution and transmission lines deliver reclaimed water service to customers, including the Coronado Country Club golf course, three townhome associations, three apartment complexes, five City parks, a medical office building, three commercial landscapes, a shopping center, the Don Haskins Recreational Center/Park, Canutillo High School, and the Westside Sports Complex.

The Roberto R. Bustamante WWTP provides reclaimed water to the Mount Carmel Cemetery and the Riverside International Industrial Center, just east of Loop 375, and for other uses in construction.

The Fred Hervey Water Reclamation Plant produces tertiary quality reclaimed water for El Paso Electric Co., Painted Dunes Desert Golf Course, Bowen Ranch, and for construction uses. The remaining reclaimed water gets recharged into the Hueco Bolson for aquifer replenishment.

These projects are informally called the "purple pipe" projects because of a regulatory requirement to color-coordinate utility lines based on what they transfer. EPWater distributes and bills nearly 1.8 billion gallons of reclaimed water per year. There are three golf courses, 18 parks, and 13 schools connected to the system as well as a Zoo, six residential customers, six cemeteries, 18 commercial landscapes, one industrial company, a hospital, and several roadway medians. The cost-benefit has been particularly favorable due to millions of dollars in federal government grants for these projects and the costs are comparable to other viable new water supply sources.

## WATER AND WASTEWATER SYSTEMS

EPWater owns and operates facilities throughout El Paso, including water and wastewater treatment plants, water reclamation plants, reservoirs, booster pump stations, wells, lift stations, and thousands of miles of distribution and collection lines outlined below. The water and wastewater map in the appendix geographically shows the area served by each facility.

### WATER SYSTEM FACILITIES



#### Robertson/Umbenhauer Water Treatment Plants

The Robertson Plant began operations in 1943, with a 20 MGD capacity; the Umbenhauer Plant was added in 1967, also with a 20 MGD capacity. Combined, these two plants are often referred to as the Canal Street WTP; they use conventional surface water treatment to purify Rio Grande surface water (typically from March to September, when water is released from Elephant Butte Dam to serve downstream users). The plants may be utilized during the non-irrigation season to blend and treat water pumped from wells. The Canal Street WTP provides water to Central and West El Paso. A major infrastructure renovation was completed in 2004, which included the installation of an ultraviolet light disinfection system for a portion of the water leaving the plant. Major electrical upgrades were also completed in 2006. In 2020-2021, improvements were made to the disinfectant handling and storage system, and raw river water intake screens were replaced. In 2022-2023, the plant is scheduled for rehabilitation of the pump station, Clearwell, and clarifier covers. The combined facility is a regular recipient of the American Water Works Association's Partnership for Safe Water Director's Award that honors dedication to providing high-quality water to customers and recognizes continuous optimization of the plant's operation and performance.

#### Jonathan W. Rogers Water Treatment Plant

This plant, operational since 1993, was expanded to a total capacity of 60 MGD in 2002. EPWater received a \$14.9 million Environmental Protection Agency (EPA) grant through the Border Environmental Cooperation Commission (BECC) and NADBank for this project, which expanded the plant's surface water treatment capacity by 50 percent. The grant represented approximately 40 percent of the cost of the total project. In 2020, a new streamlined ozone disinfection system was completed that also increased energy efficiency. In 2022-2023 the plant is scheduled for pump and screen replacements. In addition, to improve reliability new backup power generators will be installed. The plant is a regular recipient of AWWA's Partnership for Safe

Water Director's Award that honors dedication to providing high-quality water to customers and recognizes continuous optimization of the plant's operation and performance.

### **Upper Valley Water Treatment Plant and other Arsenic Facilities**

In 2005, EPWater began operating four treatment plants specifically designed to achieve compliance with the EPA's new maximum contaminant level (MCL) for arsenic, which became effective January 23, 2006. The four plants have a combined treatment capacity of 41 MGD, which results in a design capacity of 96 MGD blended water meeting the MCL. The largest of the four plants is the 30 MGD Upper Valley Water Treatment Plant, which uses conventional flocculation, sedimentation, and filtration to remove arsenic. The remaining three plants have a combined capacity of 11 MGD and use granular iron media to adsorb arsenic.

### **Kay Bailey Hutchison Desalination Plant**

The Kay Bailey Hutchison Desalination Plant began operations in 2007. A joint project of EPWater and Fort Bliss, the plant facility is capable of producing 27.5 MGD of freshwater daily. This state-of-the-art facility applies an innovative reverse osmosis technology to convert the brackish groundwater to high-quality drinking water. This desalination process not only removes salts but is also the most comprehensive water treatment technology available, removing other potential pollutants from the water. The water pumped to the desalination plant protects El Paso's and Fort Bliss' fresh groundwater supplies from brackish water intrusion by capturing the flow of brackish water toward freshwater wells. In 2022-2023, the plant is scheduled to complete Phase I of source water augmentation wells which is needed for the future plant expansion to increase capacity to 33 MGD. In 2020 and 2021, the plant received the American Membrane Technology Associations Outstanding Large Plant Award.

### **STORAGE AND DISTRIBUTION SYSTEM**

In addition to the two surface water treatment plants, EPWater's distribution system includes approximately 76 reservoirs, 60 pump stations, more than 11,500 fire hydrants, and more than 2,800 miles of water lines in various sizes. EPWater has a system of more than 150 wells. EPWater must operate and maintain the entire system 24 hours a day, seven days a week, and 365 days a year. Even though infrastructure failures do occur, EPWater ranks among the most reliable in the world. The median number of main breaks as reported by the American Water Works Association (AWWA) is one per every 4.2 miles of water line, EPWater averages one per every 15.7 miles of water lines — that's more than three times as good.

### **WATER QUALITY**

Currently, both surface water and groundwater treated by EPWater are monitored and the quality is reported to required public regulatory agencies. Both the Environmental Protection Agency (EPA) and the Texas Commission on Environmental Quality (TCEQ) have hundreds of standards for quality and reporting, which must be met every day. The Utility also works closely with other government agencies such as the United States Geological Survey (USGS), the International Boundary and Water Commission (IBWC), the Rio Grande Compact Commission, the Department of the Interior's Bureau of Reclamation, and Border Environmental Cooperation Commission (BECC) — to name a few. EPWater has a long history of receiving awards for

compliance in meeting or going beyond regulatory standards. EPWater provides an annual drinking water report update to customers with a full report located on the website in compliance with the EPA's Consumer Confidence Rule. The report describes the Utility's water content with respect to Safe Drinking Water Act standards. It is available in both English and Spanish, and a bill insert with a link is provided to all customers annually. The Utility tests regularly for many parameters, such as inorganic compounds, metals, microbiological organisms, synthetic organic chemicals, and volatile organic compounds. The results are reported to the TCEQ and EPA. Since the Utility meets or goes beyond compliance for all water quality requirements and transmits safe drinking water to its customers in a reliable manner, the TCEQ recognizes EPWater as a Superior Water System, the highest designation earned in Texas.

The Association of Metropolitan Water Agencies (AMWA) presents top utility management awards annually through a competitive selection process. The Sustainable Water Utility Management Award spotlights efforts of water utilities to implement long-term and innovative economic, environmental, and social endeavors. For 2020, EPWater was one of nine water utilities to be selected for this award. EPWater also received this award in 2014, but to be eligible for a second time, a utility must show new and different initiatives successfully implemented since the last award.

## **WASTEWATER SYSTEM FACILITIES**



### **Haskell R. Street Wastewater Treatment Plant**

The oldest wastewater facility in El Paso, the Haskell R. Street Wastewater Treatment Plant was built in 1923. It has since undergone several expansions and upgrades, including a \$22 million upgrade to increase treatment capacity to 27.7 MGD and improve treated wastewater quality and operational efficiencies at the plant, completed in 1999. This plant provides highly treated reclaimed water for the Central El Paso reclaimed water system. (See reclaimed water section for more details). In 2022-2023, the plant is scheduled to rehabilitate chlorine scrubbers, grit removal, and replace an aeration blower. This plant has won awards for perfect compliance with regulatory permit requirements from the National Association of Clean Water Agencies (NACWA). The plant has also received the Texas State and EPA Region VI winner of the Operations and Maintenance Excellence Award, Large Advanced Plant Category.

### **John T. Hickerson Water Reclamation Facility**

Serving the Westside of the Franklin Mountains into the Upper Valley, this plant began operations in 1987 and has since been expanded to 17.5 MGD of treatment capacity. Highly treated wastewater is either safely discharged into the Rio Grande or transmitted through the Northwest Reclaimed Water Distribution System. (See reclaimed water section for more details.) In 2022-2023, the plant is scheduled for improvements to the aeration basin gate, order control, and to the plant's emergency backup power generator. The Hickerson plant has been nominated for numerous EPA Operations and Maintenance Excellence Awards and has also received the top award in the National Clean Water Act Recognition Awards for Operations and Maintenance Excellence in the Large Advanced Plant Category. The plant for many years has received the NACWA Platinum Award for perfect permit compliance. The plant and personnel have also been recognized for their commitment to safety and were awarded the Water Environment Federation's George W. Burke Award for Safety. The plant was also named Texas, Regional and National winner of the Clean Water Act O&M Awards Program in the Large Advanced Category.

### **Roberto R. Bustamante Wastewater Treatment Plant**

The plant began operating in 1991 with a 39 MGD capacity that uses traditional technology for treatment. This plant, along with neighboring Jonathan Rogers WTP, serves East El Paso. Honored by NACWA for its perfect compliance with NACWA Gold Awards, the Silver Peak Performance Award, and Platinum Awards; the plant has also received national EPA Operations and Maintenance Excellence Awards and won the Water Environment Association of Texas Plant of the Year Award in 2005. Treated wastewater is discharged into either the Riverside Canal or Riverside Intercepting Drain for use downstream. A new large-scale reclaimed water project (online since 2002) with a capacity of two million gallons per day also serves the immediate area. EPWater has completed the first of several improvements to the plant's aeration basins, which will lead to an enhanced treatment to serve continued growth in the area. In 2022-2023, the plant will continue major renovations to increase the plant's capacity to 51 MGD at an estimated cost of \$646 million over the next 10 years.

### **Fred Hervey Water Reclamation Plant**

This 12 MGD plant has won not only awards but also garnered worldwide attention. The Fred Hervey plant is essentially a combined water and wastewater treatment plant, which treats wastewater to drinking water quality standards. The plant's treated wastewater is sold to El Paso Electric Co. for cooling water, the nationally renowned Painted Dunes Desert Golf Course for irrigation, and various other customers in the Northeast part of the city. The remainder is treated to drinking water quality and replenishes the Hueco Bolson through a series of injection wells and several groundwater recharge infiltration basins. Tours are regularly provided to industrial, utility, and academic researchers as one of the model plants of the system. The plant became operational in 1985 and was significantly financed with EPA assistance. The plant is also a crucial part of EPWater's plan to reduce dependence on groundwater and was featured on the internationally acclaimed PBS series "Water: The Drop of Life." In 2022-2023, the plant is scheduled for several rehabilitation projects which include the completion of a new blower building, clarifier rehabilitation of Lime Reactors, and virgin carbon

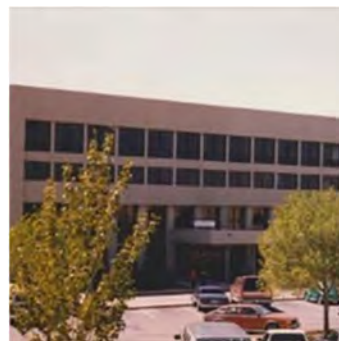


feed upgrades. The plant has received numerous awards, including the 1994 AMSA Public Information and Education Award; second place in the 1994 national EPA Operations and Maintenance Excellence Award, No Discharge Category; and the 1998 American Water Works Association's Conservation and Reuse Award. In 1999, the Fred Hervey plant received special recognition by the El Paso del Norte Region Mission Possible-Survival Strategies in the category "Protection and Preservation of the Environment." The plant has received numerous NACWA Gold Awards and Platinum Awards for perfect permit compliance under the expanded NACWA Peak Performance Award program.



The Utility also operates and maintains 70 lift stations and more than 2,400 miles of collection lines to keep the wastewater system running reliably to meet customer demand. The Water Environment Association of Texas (WEAT) in 2007 awarded the lift stations section with the George W. Burke Jr. Award for its effective safety program. In 2007, WEAT awarded the wastewater collection maintenance section with the Medal of Honor for Heroism in recognition of the section's contribution during the flood of 2006.

## SUPPORT FACILITIES



### Fleet Maintenance Facility

The Fleet Maintenance Building was completed in 2016 and is home to two sections: Heavy Equipment Operations and Fleet Maintenance. The state-of-the-art facility includes LED lighting and sensors that adjust the lighting in unoccupied rooms, infrared sensors that can measure body temperature to adjust indoor climate settings, and holding tanks for storing used oil, it also has training resources for equipment operators. The facility also houses an onsite fueling station and a drive-through car wash. Fleet Maintenance maintains and repairs 649 Utility-owned vehicles and heavy equipment, which include trailers, loaders, and backhoes.

### Warehouse, Meter Shop, and Property Control Facility

The Warehouse building was also completed in 2016 and is located next to the Fleet Maintenance Facility. It allows larger Utility trucks better maneuverability and accessibility for material deliveries and pick-ups. The larger layout accommodates more supplies, such as pipes, for special projects within the Utility. The Warehouse also manages all the personal protective equipment issued out to Utility workers. The Warehouse manages approximately \$1 million in inventory for EPWater.

The Meter Shop is housed within the Warehouse facility where Meter Shop staff is responsible for repairing, testing, and replacing water meters ranging in size from  $\frac{3}{4}$  inches to 12 inches. The shop features a new automated meter test bench, allowing employees to more accurately test small and medium-sized meters of up to two inches. The shop also repairs, tests and installs all construction fire hydrant meters issued to construction locations. The staff at the Meter Shop repairs approximately 2,000 meters per year out of approximately 219,000 EPWater customer meters.

The facility also houses Property Control, with two employees responsible for maintaining a complete inventory record of all Utility non-capital assets valued at more than \$20 million. They are responsible for tagging, recording, auditing, and disposing of broken and obsolete assets. The disposal of miscellaneous assets, vehicles, and equipment was made easier in 2016 when the section started using GovDeals® to auction items to the public. They also obtain and maintain all licenses and titles for vehicles and equipment owned by EPWater.

### **Hawkins Administration Building**

EPWater moved its administration building to its current location in 1991. The building known as “Hawkins” or “Main Office” is home to several sections, which provide Utility-wide support. Along with the President/CEO and two Vice Presidents, there is also Finance, Accounting, Purchasing & Contract Administration, Treasury Management, Land Management, Human Resources, Water Resource Management, Information Technology, Engineering Technical Services, Communications & Government Affairs, and Legal Services. The PSB holds its monthly meeting in the boardroom. Approximately 150 employees are housed in the building, providing the essential support needed to help maintain EPWater’s day-to-day operations. In 2022-2023, EPWater will complete the design and start the initial construction of a new administrative building adjacent to the current building at an estimated cost of \$40 million.

### **International Water Quality Laboratory**

The modern and open design facility, which is 27,000 square feet, celebrated its 10th anniversary in 2016. It has many cutting-edge features, which include an ultra-clean air system, a reverse osmosis water purification system, and a dedicated data management system. The laboratory consistently meets state and federal requirements by testing hundreds of tap water samples monthly. More than 45,000 samples and 350,000 chemical and biological analyses are performed and reviewed yearly, establishing the lab as a national model for high-quality water standards.

### **New Field/Customer Service Building**

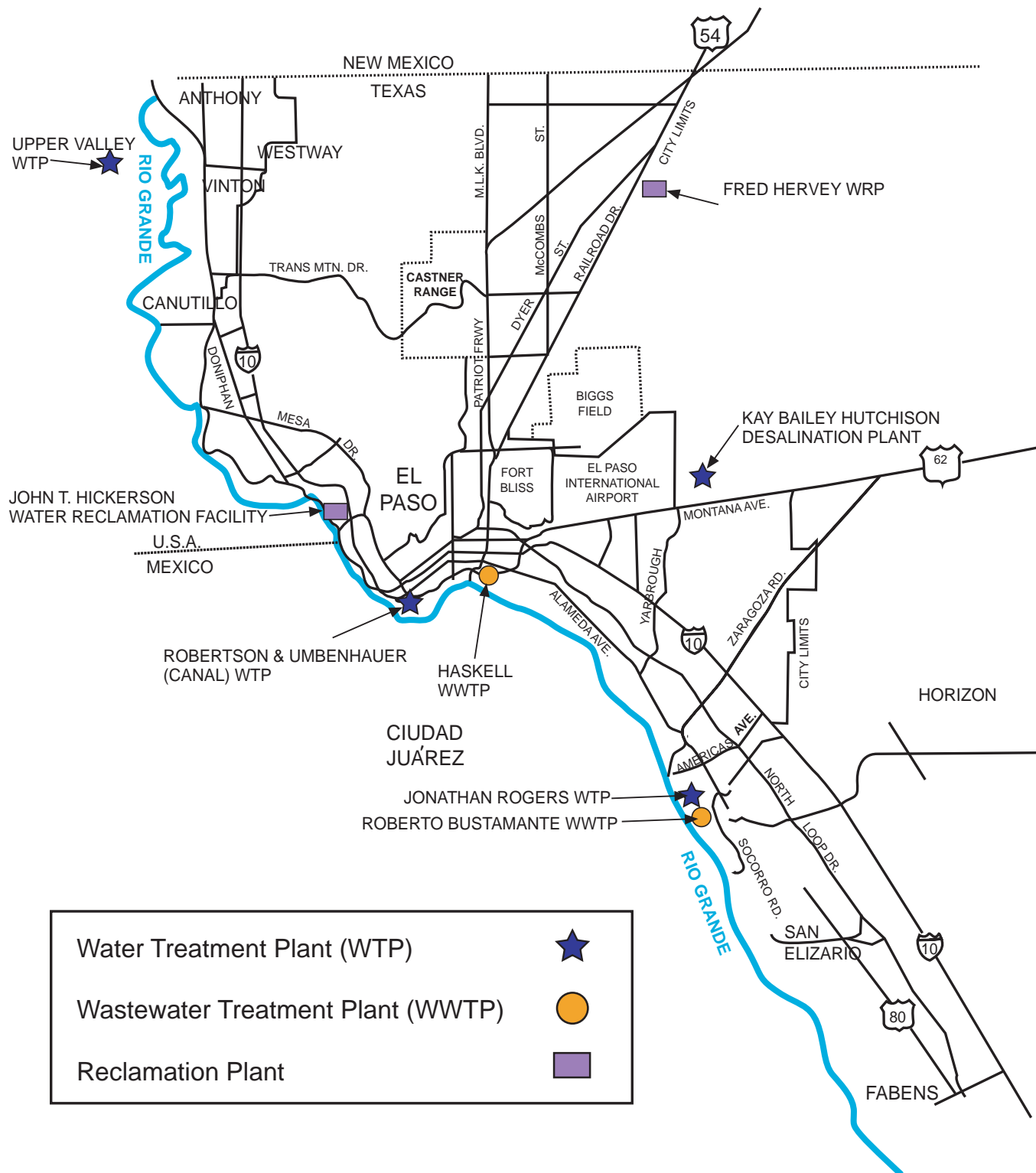
EPWater has begun construction on a new Field Office/Customer Service Building across from the Fleet Maintenance Facility to continue to meet its aim of providing the highest quality water services while also adapting to its growth. Designed with a square footage of 53,567 to house approximately 390 employees over a 20-year growth period will cost an estimated \$21 million. This state-of-the-art facility will serve as Central Control/Dispatch for the EPWater as well as an Emergency “War Room” in the event of a citywide emergency. This facility will be equipped with computer kiosks, a map room, a library, charging stations, and a power

emergency room. This building is expected to be completed in May 2022 and will be home to the following sections: Planning & Development, Water Division, Water Production, Water Distribution, Operations Management, Reclaimed Water, Wastewater Division, Property & Treasury Management, Customer Service, and Instrumentation & Controls.

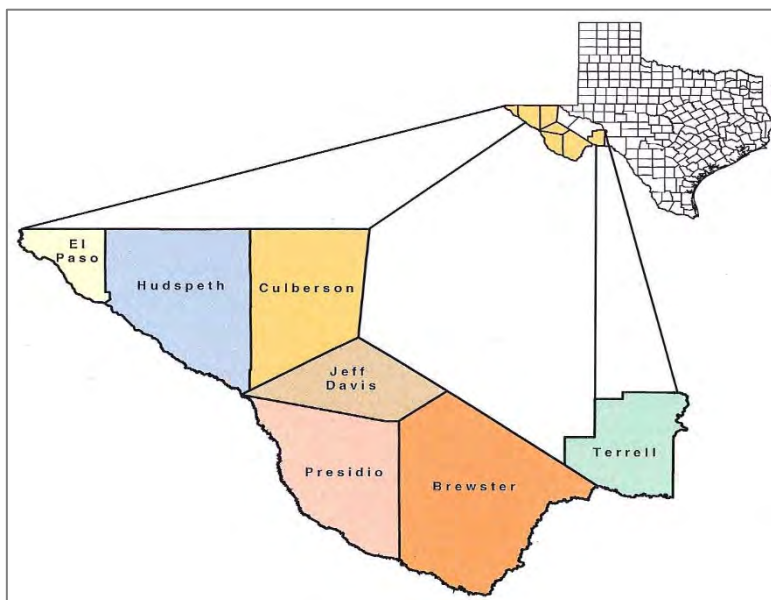




# El Paso Water & Wastewater System



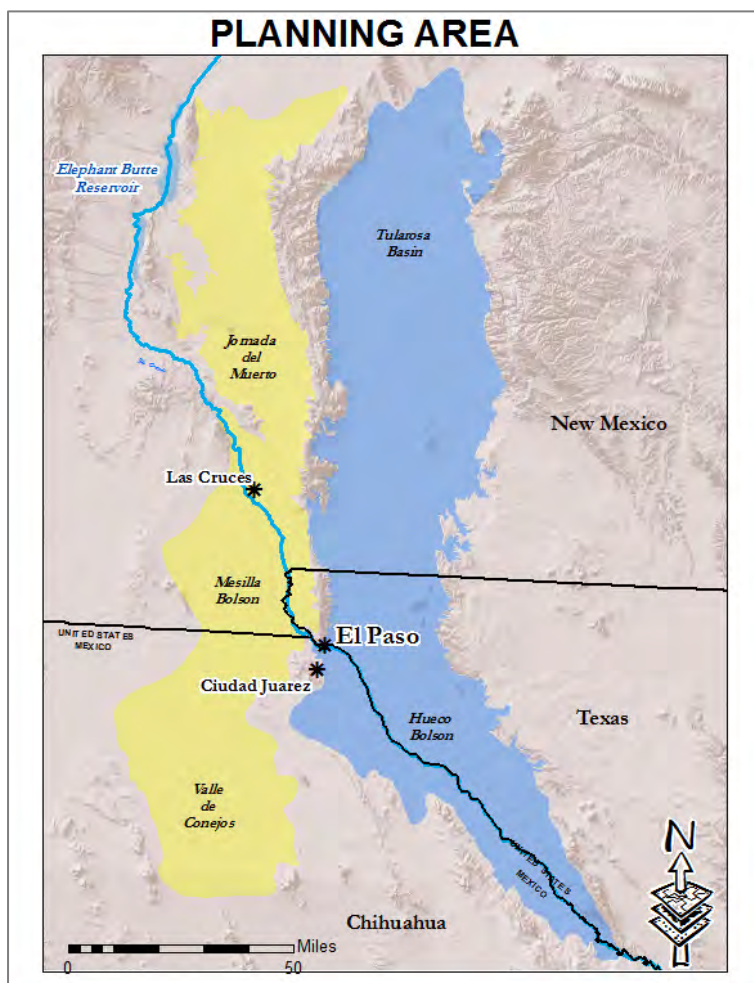
## STRATEGIC PLANNING



Long-term water and wastewater planning continues to be a critical component in managing the region's water resources. EPWater continues to take a leadership role in working with various entities throughout the region devoted to regional planning efforts.

Recently, EPWater and other stakeholders in the Far West Texas Regional Water Planning Group completed the 2021 Far West Texas Water Plan (Region E). The Region E State Water Plan is included as part of the State Water Plan that was submitted to the Texas Legislature. The Plan

provides an evaluation of current and future water demands for all water-use categories and water supplies available during drought-of-record conditions to meet those demands. Identifying where future water demands exceed the entity's ability to supply such needs, alternative strategies are considered to meet the potential water shortages. This upcoming year, EPWater will begin working on the 2026 Far West Texas Regional Water Plan by conducting an analysis of projected population growth for the next 50 years. Population projections will be used to calculate water demands for the next 50 years. The State water plan is updated every five years and covers 50 years. Based on the future needs for water supply, EPWater will develop additional strategies as necessary. EPWater will continue to use its diversified water supply portfolio to meet future water supply-demand. EPWater's current supply portfolio includes the Rio Grande, groundwater from Mesilla and Hueco Bolsons, desalinized brackish groundwater, and water reuse, as well as an inverse rate structure that encourages water conservation. Future projects will include advanced purification, aquifer recharge, and groundwater imported from Dell City.

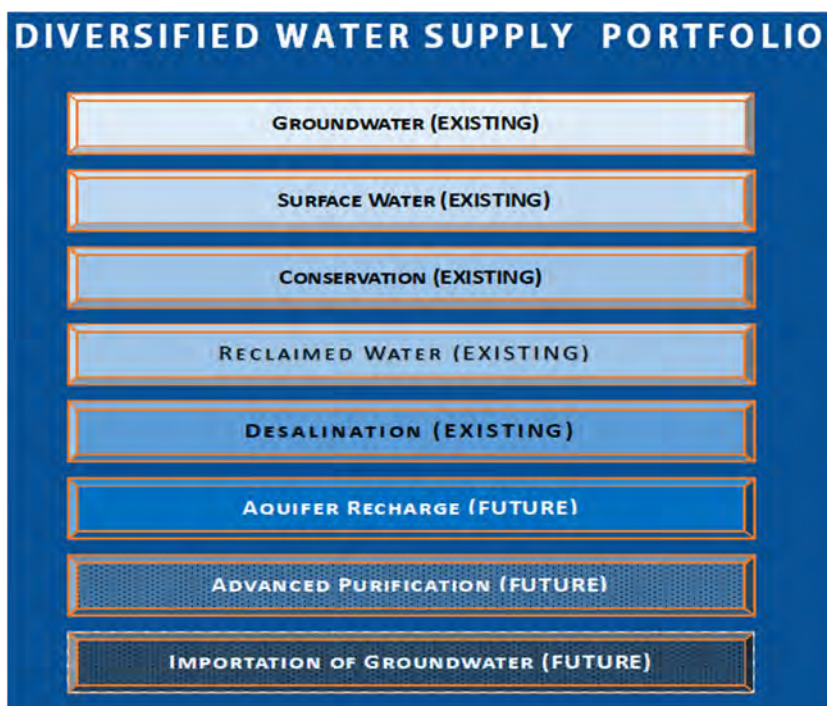




Regional leadership is and will continue to be an important consideration in the Utility's long-term planning strategies aimed at ensuring a sustainable supply of water. In 2021, EPWater's Water Resources section advanced the development of current and future water supply projects that will benefit EPWater's capacity to fully optimize its use of its groundwater resources. These projects are as follows; 1) Source Water Augmentation Parallel Pipeline that once completed will provide an additional eight million gallons per day of brackish groundwater to be used in the future at the Kay Baily Hutchison Desalination Plant, once the expansion of the Desalination Plant is completed. 2) Enhanced Arroyo, a project that will increase the amount of water recharged in the Hueco aquifer. Aquifer recharge is a proven method to improve the long-term sustainability of groundwater resources. 3) Pumping Systems Project. This 10-year project will provide well rehabilitation and pump replacement on the entire fleet of EPWater wells and will allow optimal production from wells and continued upgrade and replacement of well pumps.

The current management approach and implementation of water supply projects identified in the Region E State Water Plan will ensure that El Paso's water supply will not be significantly impacted by even the worst-case drought conditions. Extensive planning and investment by EPWater will ensure that future water demands will be met through the year 2060 and beyond.

The continued implementation of the County Water and Wastewater Master Plan previously developed by the Utility and El Paso County continues to serve as a guide for working with communities located outside El Paso City limits that require assistance in receiving water. In addition, efforts to adhere to and consider smart growth principles within land-use Master Plans developed for property owned by the PSB are well underway. Such planning efforts are to be completed before development occurs and will ensure that the necessary infrastructure and quality of life amenities are in place. EPWater continues to explore and pursue different water supply options to maintain a diversified water supply portfolio to meet the water supply challenges of the future. Diversification includes groundwater, aquifer recharge, surface water, conservation and education, water reuse, desalination, and importation.





## CHARTER

El Paso Water – Public Service Board exists to serve the water resource needs of the population of the El Paso geographical area. Its strategic and operational impetus is on affordably delivering quality services to all who demand it. These services include water, wastewater, reclaimed water, and stormwater.

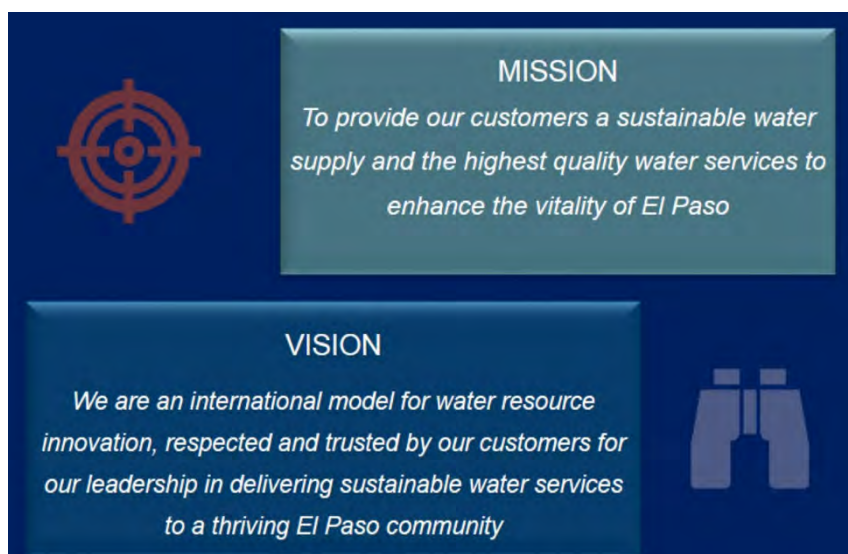
As a growing Utility in a growing region, EPWater strives to anticipate, plan for, and react to the changing environment in which it operates. Through diligence in all functions, the Utility seeks to deliver ever-increasing value to its customers while promoting orderly growth in its service area. We encourage the involvement and participation of our stakeholders and the public through all levels of open and honest communication.

To be as effective as we can be, we use all our resources to continuously create an enterprise for leadership, which is reflected in our technology, management style, critical business practices, and in our vision. Most importantly, it is reflected in our employees whose diligence and commitment are the cornerstones of success of the Utility. To that end, we continually work to develop the capabilities and initiatives of our employees and our leadership. We believe it is primarily through their efforts that the Utility will continue to excel.

We recognize the criticality of the mission with which we are entrusted. Through a consistently high level of attention to the needs of the community, the Utility demonstrates an ongoing commitment to supporting the lifestyle demands of El Paso and the surrounding Southwest. In all actions, we seek to balance those demands with attention to conservation and restraint in our use of water resources. With our stakeholders as partners, we envision a bright future of water availability, technological innovation, and support of economic growth for the residents and commercial and industrial businesses that are vital to the City of El Paso.

## STRATEGIC PLAN

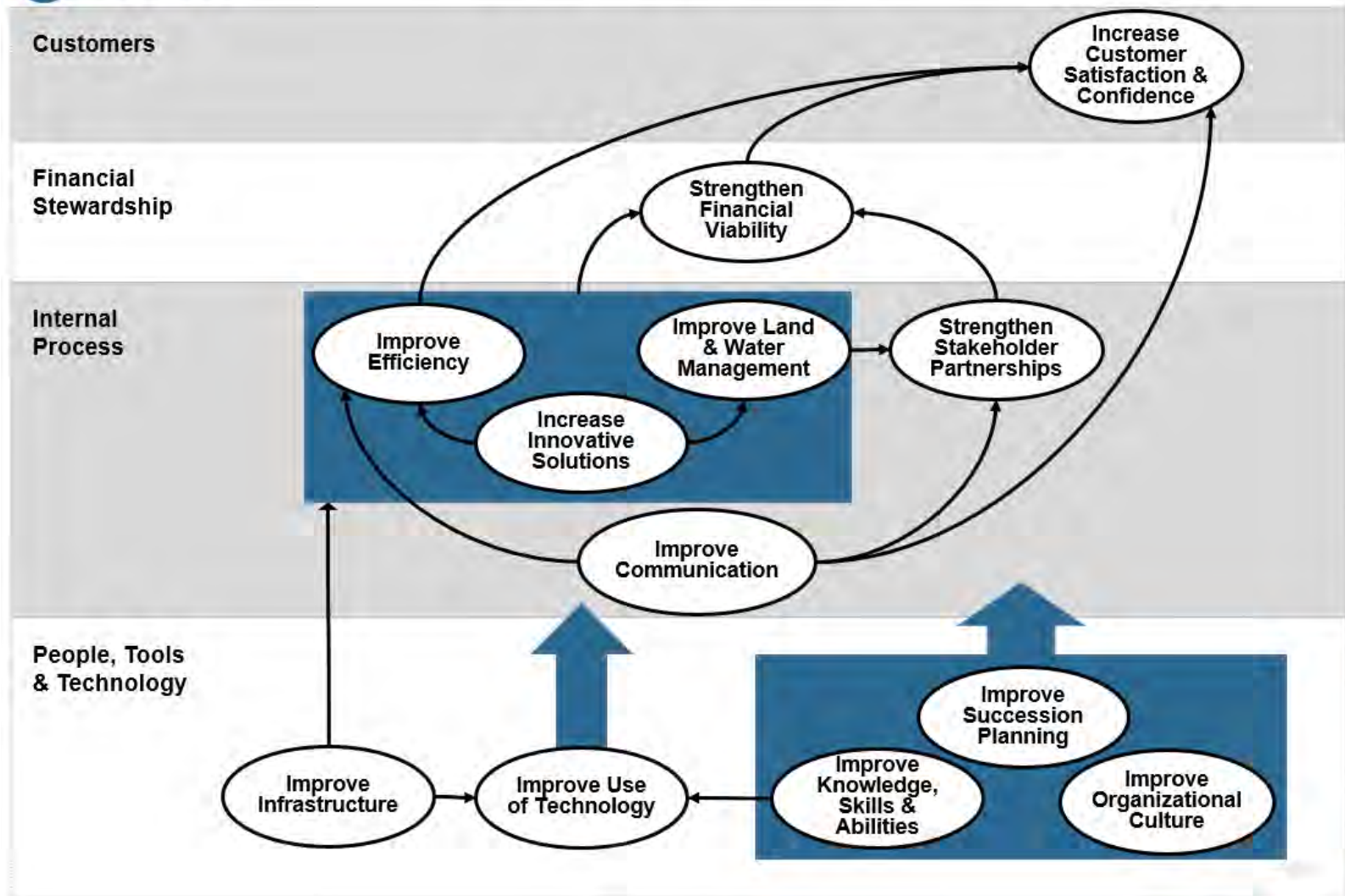
In 2017, EPWater developed and published a 10-Year Strategic Plan that included the identification of twelve measurable and actionable Strategic Objectives. The plan helps EPWater identify and communicate the vision and pathways to continued success as an organization to both internal and external stakeholders.



EPWater cascaded or translated the organization-wide scorecard to the next level organized by functional units, who actively developed a balanced scorecard for their common functions within the organization. Graphic representations or strategy maps for EPWater and the functional teams show how these objectives are interconnected and the four perspective levels that put the strategy in context.

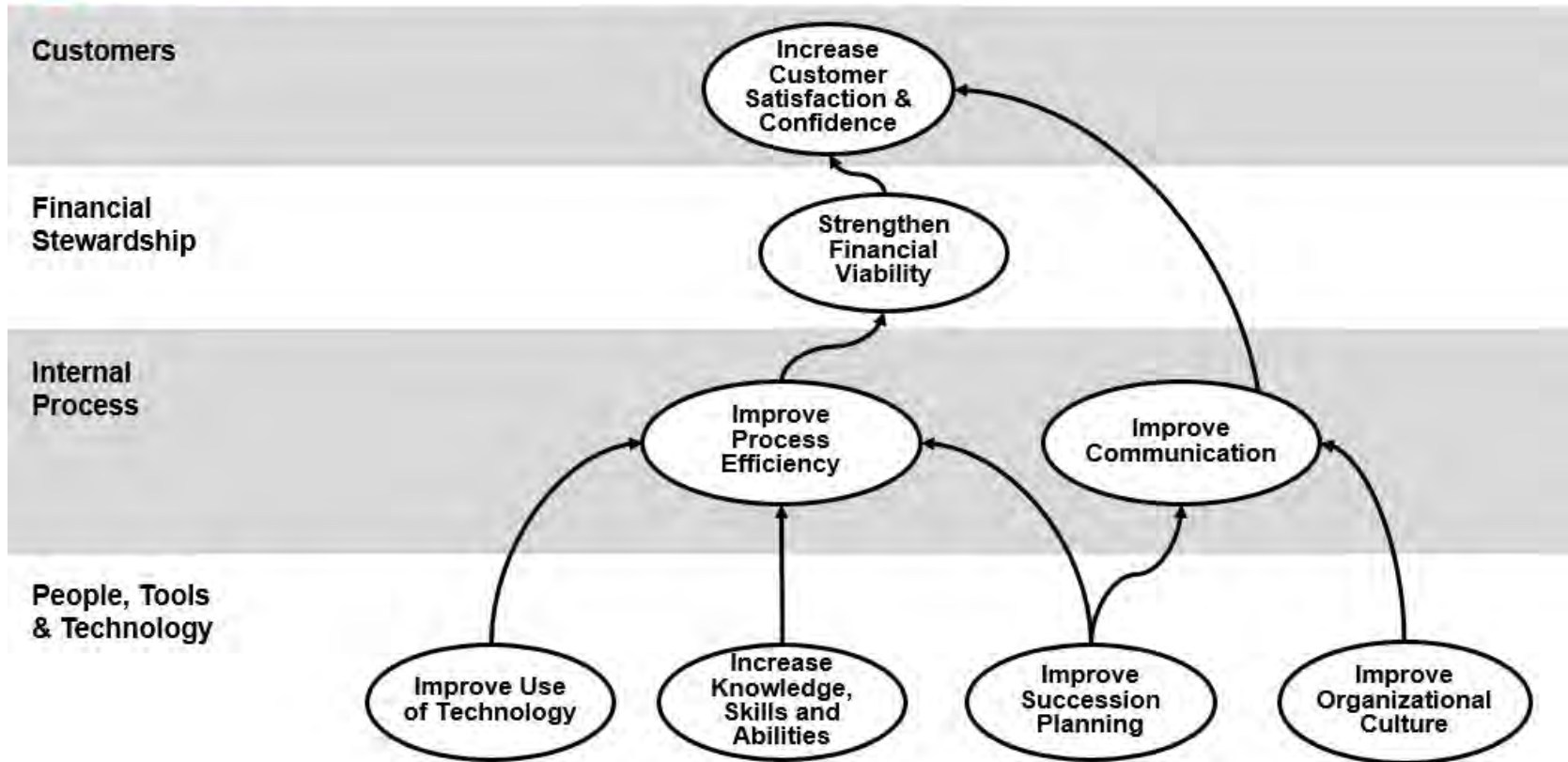


## El Paso Water – Tier 1



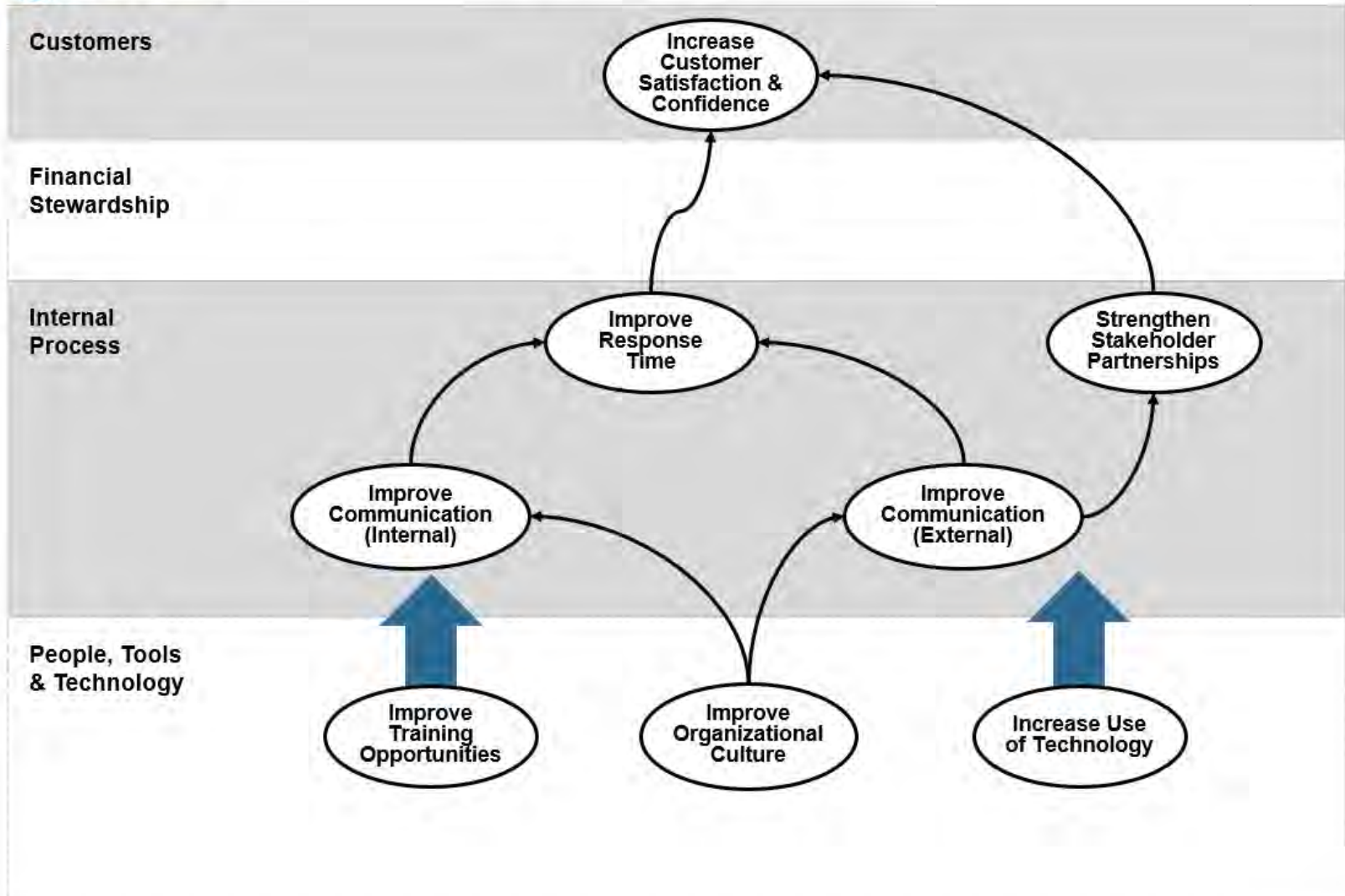


## Business Support





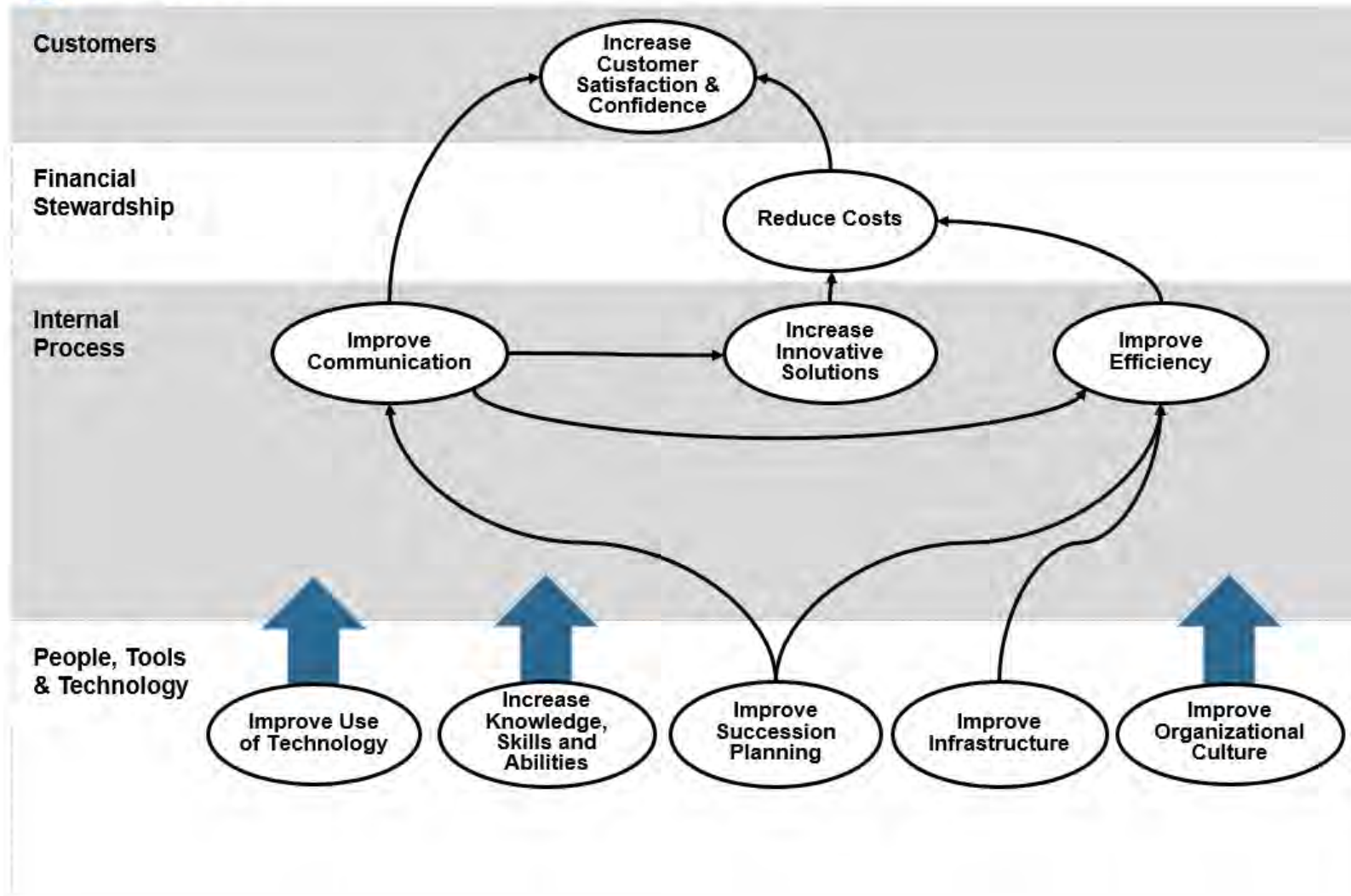
## Customer Relations







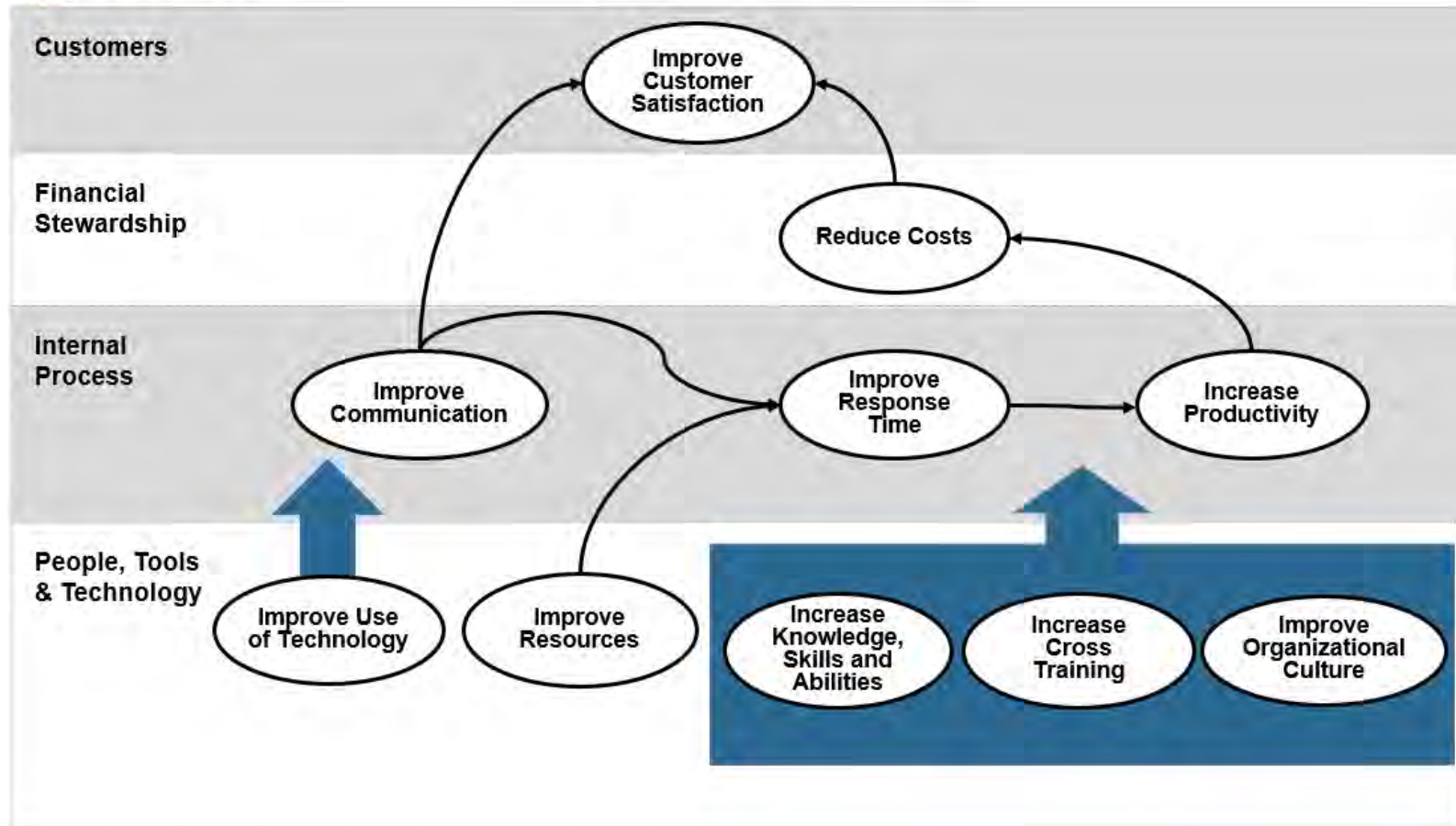
## Inside the Fence





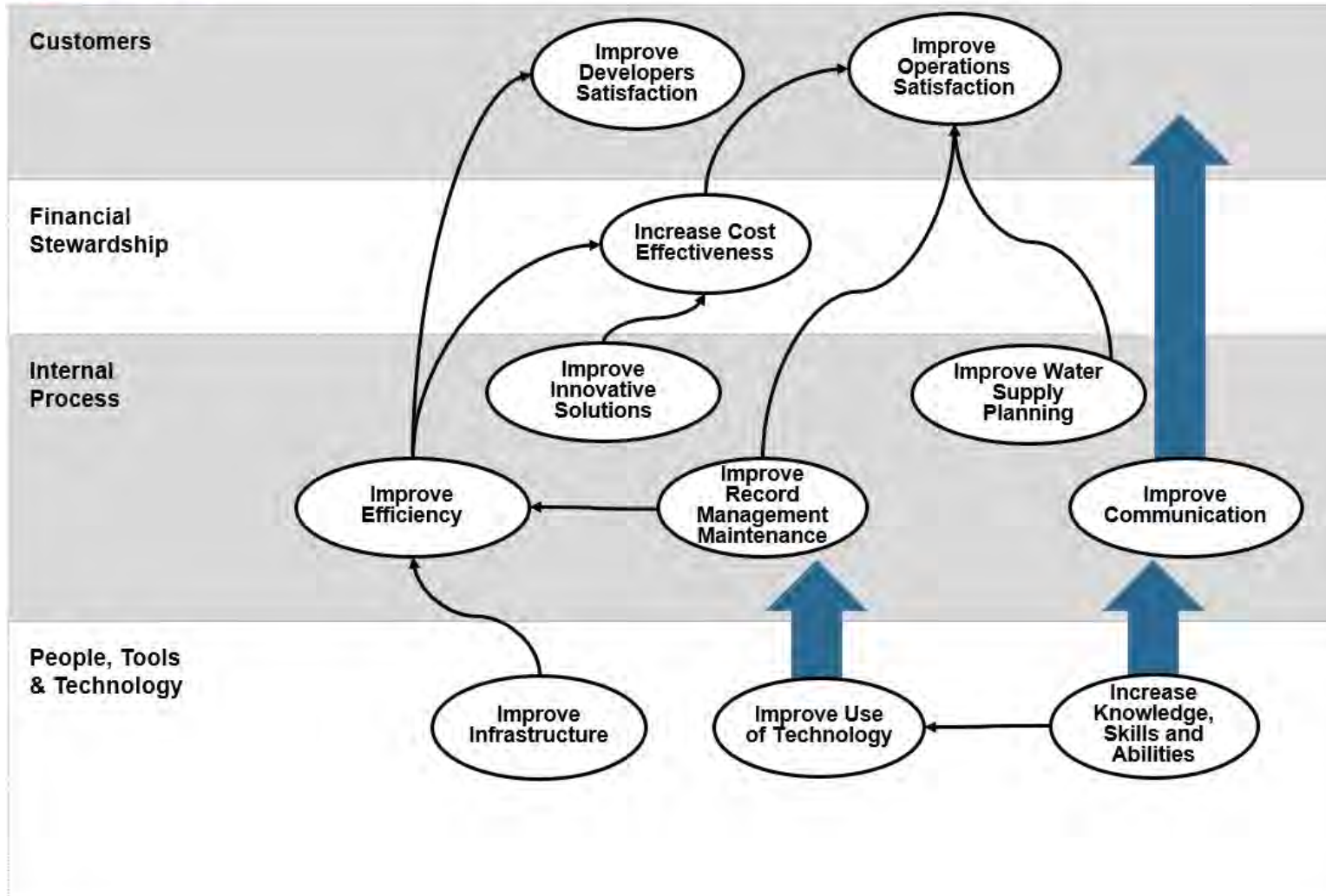


## Operations Support



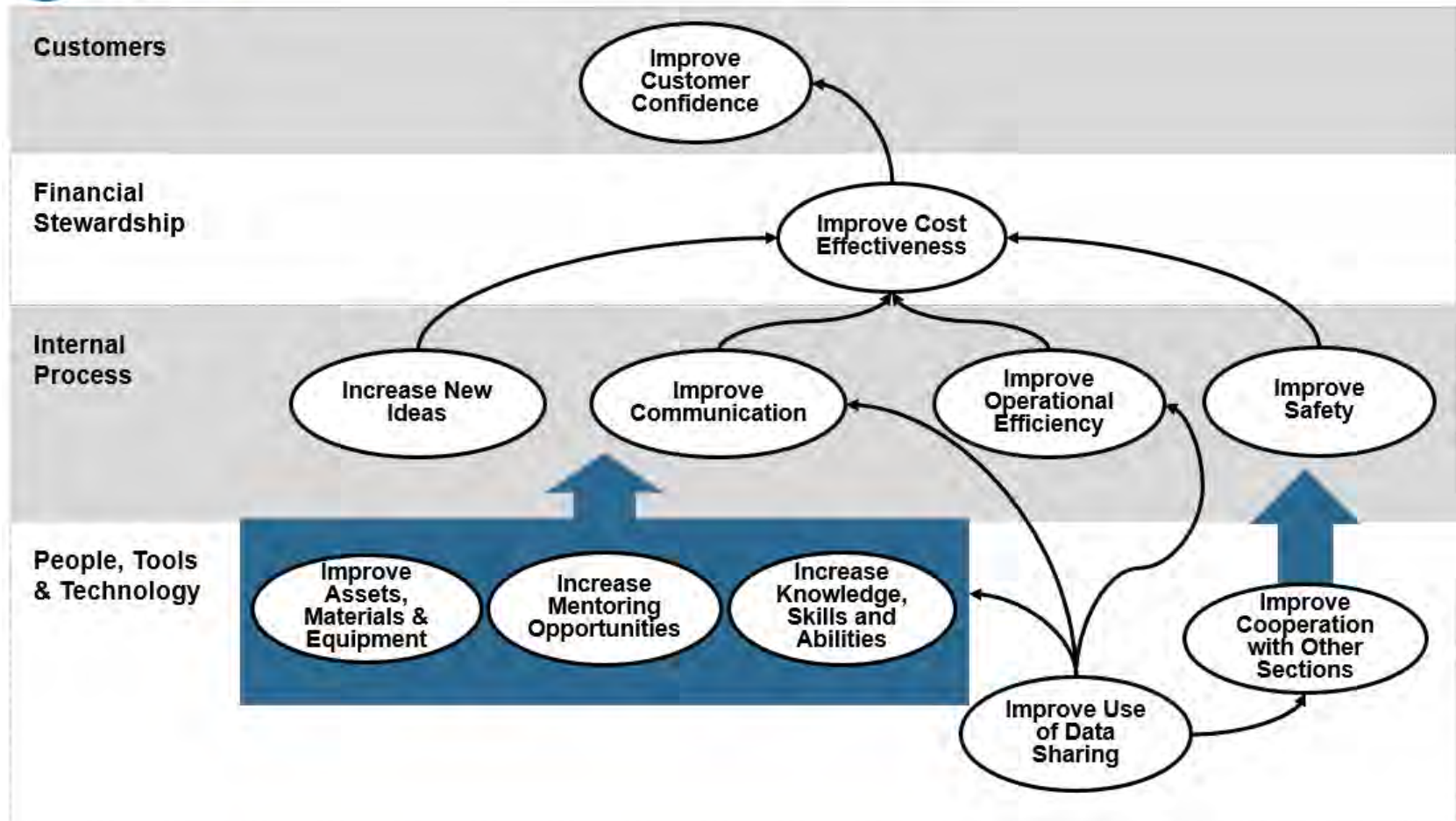


## Technical Services





## Outside the Fence



## FINANCIAL POLICIES

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EPWater is accounted for as an Enterprise Fund, which is a proprietary fund. Enterprise Funds are used to account for operations that are financed and operate in a manner similar to private business enterprises, where the intent of the governing body is that the costs (including depreciation) of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges. All activities necessary to provide such services are accounted for in this fund, including, but not limited to, administration, operations, maintenance, financing, and related debt service, and billing and collection. EPWater uses no other funds to account for its activities; it consists of two enterprise funds, the Water and Wastewater Fund and the Stormwater Fund, which are accounted for separately.

### FLOW OF FUNDS POLICY

City Ordinance No. 752 established certain “funds”. These “funds” are mandatory asset segregation and not funds in the sense of governmental fiscal and accounting entities with self-balancing sets of accounts. These funds are described in the following paragraphs.

EPWater funds are designated in City Ordinance No. 752 which was adopted on May 22, 1952. This ordinance authorized the issuance of a series of Revenue Bonds entitled “City of El Paso, Texas, Water and Sewer Revenue Bonds Series 1952”, and the City reserved the right and option in the 1952 resolution to issue, under certain conditions, additional bonds on parity as to lien and right with the Series 1952 Bonds.

Ordinance No. 752, as amended, requires that gross revenues of the System be applied in sequence to: (a) current expenses of maintenance and operations; (b) debt service and service requirements; (c) capital expenditures, or unexpected or extraordinary repairs or replacements, or for any other lawful purpose. The following funds have been established to account for the application of gross revenues: (i) Water and Sewer Fund; (ii) Water and Sewer Revenue Bond Funds, known as the Interest and Sinking Fund; (iii) Water and Sewer Revenue Bond Reserve Funds; and (iv) Water and Sewer Improvement Fund. All revenues of every nature received through operations of the System shall be paid into the Water and Sewer Fund. The Bonds Funds are required to contain an amount of money and investments equal to the principal and interest requirement during the fiscal year. The funds are described as follows:

#### Water and Sewer Fund

All gross revenues shall be deposited from day to day as collected in the Revenue Fund. Moneys on deposit in the Revenue Fund shall be first used to pay all Operation and Maintenance Expenses. The revenues of the System not actually required to pay Operation and Maintenance Expenses (the “Net Revenues”) shall be transferred from the Revenue Fund to the other funds, in the order of priority, in the manner outlined in the Bond Ordinance.

**Interest and Sinking Fund**

The following shall be deposited in the Interest and Sinking Fund:

1. Such amounts, in equal monthly installments, commencing on the first day of the month next following the month of closing and on the first day of each month thereafter, as will be sufficient to pay the interest scheduled to come due on the bonds next interest payment date, less any amounts already on deposit therein for such purposes derived from the proceeds of the bonds or any other lawfully available source.
2. Such amounts, in equal monthly installments, commencing on the first day of the month next following the month of closing and on the first day of each month thereafter, as will be sufficient to pay the next maturing principal of the bonds, including any scheduled mandatory redemption of bonds.

**Reserve Fund**

So long as the funds on deposit in the Reserve Fund created for the benefit of all bonds are equal to the Reserve Fund Requirement, no deposits need to be made to the credit of the Reserve Fund. However, should the Reserve Fund at any time contain less than the Reserve Fund Requirement, then subject and subordinate to making the required deposits to the credit of the Interest and Sinking Fund, the Utility shall transfer from the Net Revenues in the Revenue Fund and deposit to the credit of the Reserve Fund, on the first day of each month, such amounts in equal monthly installments to accumulate within at least five years and one month a sum equal to the Reserve Fund Requirement. The money on deposit in the Reserve Fund may be used to pay the principal and interest on all bonds at any time there are not sufficient funds on deposit in the Interest and Sinking Fund for such purpose.

**Improvement Fund**

All money remaining in the Revenue Fund at the end of each month after all payments required to be made from the revenue fund have been made and all deficiencies accumulated from prior months have been paid shall continue to be paid to the Improvement Fund established in connection with the System, and shall be held in and paid out from such fund for the following purposes:

1. To pay the cost of any extraordinary repairs or replacements to or of the properties comprising the System, properly payable with such money under the laws of the State of Texas, necessitated by reason of some emergency.
2. To the extent permitted by law, for the making of extensions, improvements, and betterments of the System.

**Contributions in Aid of Construction Fund**

Any money that received by the PSB shall represent contributions in aid of construction shall be deposited in a separate account at the Depository Bank. Such contributions shall not be considered as part of the gross revenues of the System. Payments from such bank account shall be made only for the

purposes for which the contributions were made, including any refunds that may become due to any contributor.

### **Land Sales Restricted Reserve Fund**

Effective March 1, 2013, the PSB established a Land Sales Restricted Reserve Fund (LSRRF) to fund future water supply projects. All proceeds from land sales shall be deposited in the LSRRF to fund the following types of projects:

1. Purchase of water rights and/or land water rights
2. Expansion of the following plants:
  - A. Kay Baily Hutchison Desalination Plant
  - B. Jonathan Rogers Water Treatment Plant
  - C. Upper Valley Water Treatment Plant
3. Construction of additional desalination capacity
4. Indirect portable or direct potable reuse
5. Aquifer storage and recovery
6. Importation of water from areas outside El Paso County
7. Other water supply projects

### **CAPITAL IMPROVEMENTS BUDGET POLICY**

For capital budgeting purposes, the Utility staff considers various criteria to prioritize capital projects, which include regulatory requirements; aging and condition; overloaded infrastructure; environmental impacts; reliability; drought, customer service; other agency driven projects (street and highway construction); growth and new development; new water supplies, financial impacts; emergency rehabilitation, and operational efficiency. The Utility defines a capital expenditure as an asset with an individual cost of \$25,000 or more and an estimated useful life over two years. New services, meters, newly installed pipe, and associated costs will continue to be charged to a capital job or asset class directly regardless of cost.

Due to state procurement laws and the nature of capital improvement expenditures, it generally takes more than one fiscal year to completely spend one year's appropriations. By law, EPWater cannot award a project unless it is fully funded. However, many large projects have multiple-year and/or multiple phase construction periods. EPWater uses several benchmarks of efficiency to ensure capital budget integrity. These include timely completion clauses, aggressive efforts to minimize change orders, and tracking the progress of the overall capital improvement plan (CIP). On an annual basis, staff members from Technical Services, Operations, Information Services and Instrumentation, Land Administration, and Finance update the CIP. The final CIP document stretches from a mid-year update out to a ten-year



planning horizon. It incorporates all known or likely to occur variables based on growth, maintenance of the current system, and addresses issues including new and/or probable regulatory requirements or political directives.

## **OPERATING BUDGET POLICY**

The Utility's fiscal year runs from March 1 to the last day of February the following year. EPWater ties its 12-month budget year to the water "season." Historically speaking, without a year-round water supply of surface water to treat, the water treatment plants shut down for maintenance during the winter months. The surface water supply is not year-round because the upstream irrigation and diversion dams, including Elephant Butte and Caballo dams, are served by snowmelt from the Rocky Mountains. The water is released annually in conjunction with the farmers' irrigation season, which normally starts in mid-February and ends in early October. The Utility's surface water production season runs concurrently with the farmers' irrigation season. A normal fiscal year would include the following significant financial events:

- ❑ Mid-February – surface water production season begins except in times of drought
- ❑ March 1 – fiscal year begins
- ❑ June to September – strategic planning updates to the 10-year capital plan
- ❑ May to September – peak consumption months for EPWater customer demand
- ❑ September – six month operating results distributed to each section manager so sections can begin planning for the upcoming fiscal year beginning next March
- ❑ October – surface water production ends (mid-month) and water treatment plants shut down except in times of drought
- ❑ October – sections submit operating budget requests
- ❑ October – internal budget conferences begin between the Sections and Management /Finance
- ❑ November – Management approves preliminary capital and operating budget requests
- ❑ November/December – budget workshops in which the PSB reviews the budget requests and the public can comment
- ❑ January – PSB approves and adopts the final combined operating and capital budget for the fiscal year beginning next March 1

The Utility's FY 2022-2023 budget is a balanced budget, with the revenue and other financing sources equal to the expenditures and other uses.

## **BUDGET AMENDMENT POLICY**

Capital budget transfers are submitted by the requesting manager to the Capital Improvement Project section with final approval by Finance and the Vice President (VP) of Business. Operating transfers are initiated when the total budget for sections is exhausted and other sections are identified with excess remaining budget balances to cover the deficit. These transfers are done on a memorandum basis and are processed by the Finance Department with approval from the VP of Business and the President/CEO. Capital and Operating transfers are subject to approval by management but don't need approval by the

PSB. Emergency funding authorizations and amendments to the approved operating or capital budgets can only be done with approval by the PSB.

## **REVENUE POLICY**

Ordinance No. 752 also requires that the PSB maintain rates sufficient to produce or yield revenues to produce in each fiscal year an amount adequate to pay all expenses incurred for the operations and maintenance of the System as such expenses shall accrue during the year and to produce an additional amount equal to 150% of the aggregate amount required to be paid in such year for principal and interest and redemption premiums on bonds payable from the Bond Funds. Another financial target used in preparing the five-year financial plan is maintaining a 90 to 120-day operating reserve fund balance.

Ordinance No. 752 also provides that the PSB will permit no free water or services to be supplied to the City or any other user. However, the ordinance requires that 10% of the total amounts received by the PSB from the sale of water be paid to the City Treasurer. The money received by the City Treasurer may be expended by the City under the direction of the City Council for any purpose for which revenues of the System may be legally used under the state laws of the State of Texas.

EPWater is a component unit of the City of El Paso and operates as an autonomous enterprise fund. Because the Utility operates in a proprietary manner, the major revenue sources are user charges for water and wastewater services. The Utility's revenue requirements are based on the cost of service. This includes operating costs, expenditures for capital improvements, and repayment of debt. The description and figures of the revenue sources are covered in the financial overview section of this budget.

## **INVESTMENT POLICY**

The Utility also has an Investment Policy which establishes the guidelines for: 1) who can invest PSB funds; 2) how PSB funds will be invested; and 3) when and how a periodic review of investments will be made. In addition to this policy, bond funds shall be managed by their governing ordinance and all applicable State and Federal Law. The investment policy must comply with the Texas Public Funds Investment Act of 1995 and any such amendments since then. The primary objectives of the investment policy are 1) preservation of capital; 2) safety of PSB funds; 3) maintenance of sufficient liquidity; 4) maximization of return within acceptable risk constraints; and 5) diversification of investments. The investment policy requires an annual review and adoption of its investment policy and strategies and a quarterly comprehensive report to the PSB.

## **DEBT SERVICE POLICY**

Planned rate increases consistently are programmed in the Financial Plan and are mainly driven by the capital improvement program and debt service coverage required both by the revenue bond covenants

and by the PSB's benchmarks for financial management. While the revenue bond covenants require debt service coverage of 1.5 times (meaning 150% of the current year's debt service requirements must be available that fiscal year), the PSB's financial benchmark is to maintain as close to a 2.0 times coverage as feasibly possible. The Utility does not have a legal debt limit.



# FINANCIAL PLAN

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## BUDGET TRENDS IN FY 2021 - 2022



EPWater continues to evolve in addressing and meeting the needs of our customers in the 21<sup>st</sup> century. It is well-positioned to meet the challenges to serve a large metropolitan region in the Southwest. The Utility is focused on meeting the supply and demand of its current and future customers while minimizing costs and maximizing service.

FY 2021-2022 was a challenging year mainly due to the torrential rainfall during the summer that caused city-wide damage to the stormwater system highlighting a need for more capital investment, and multiple breaks of the Frontera Force Main which will require extensive mitigation well into 2022.

The Utility has made a conscious and ongoing effort to reduce unaccounted for water and more accurate billing through a comprehensive program focusing on leak detection, reservoir rehabilitation, and increased meter replacement. Unaccounted for water has increased from 14% in 1996 to 15.88% in 2021.

The Utility issued the following bonds during FY 2021-2022:

- \$35.5 million of Water and Sewer Revenue Refunding Bonds, Series 2021 to take long \$40.0 million of Commercial Paper notes
- \$76.3 million of taxable Water and Sewer Revenue Refunding Bonds Series 2021A to refund \$34.7 Million of 2014 Bonds, and \$32.0 Million of 2015 Bonds, netting a Present Value Savings of \$4.8 million

## FY 2022 – 2023: MEETING FUTURE DEMANDS

The FY 2022-2023 operating and capital budget was presented to the PSB for review, input, and guidance during a public budget workshop and a regularly scheduled PSB meeting. The budget is consistent with the PSB's Strategic Plan. The budget workshop, public hearing, and budget adoption meetings were open to the public and were held as follows:

Budget Schedule	
<u>Date</u>	<u>Agenda</u>
November 30, 2021	Stormwater Utility Operating and Capital Budget and Water, Wastewater, and Reclaimed Water Operating and Capital Budget
January 12, 2022	Public Hearing and Adoption of Budget, Rates and Rules and Regulations for Water, Wastewater, Reclaimed Water, and Stormwater

## ASSUMPTIONS

The FY 2022-2023 budget is based on certain assumptions and specific operating and capital budget costs. Financial projections for future years require additional assumptions related to revenue growth, expenditures, and necessary rate adjustments. Basic assumptions to this year's five-year financial plan include the following:

<b>Basic Assumptions</b>	
Customer growth rate	1.5%
Water billed	35 billion gallons
Water billed growth rate	1.5%
Wastewater treated	22.0 billion gallons
Wastewater treated growth rate	1.5%
Miscellaneous revenues growth rate	2.0%
Fire Protection growth rate	1.0%
Operations and Maintenance growth rate	1.0%
Contingencies	2.5% of operating budget
Interest earnings rate	0.5% of average fund balance
Payment to City (water only)	10.0% of water revenues
Payment to the City for Franchise Fee	Annual amount of \$6.55 million
Future debt financial costs	2.50%

## BASIS OF BUDGETING

The budget and the Annual Comprehensive Financial Report are prepared using the accrual basis of accounting. Revenue is recognized as it is earned, and expenses are recognized as goods or services are delivered. The PSB has elected to apply all applicable Governmental Accounting Standards Board (GASB) pronouncements as well as Financial Accounting Standards Board pronouncements and Accounting Principles Board Opinions unless those pronouncements conflict with or contradict GASB pronouncements. The operating budget is prepared at the object level. The object of expenditure is the good or service for which the expenditure was made. For further detail, sub-object listings are provided and reported by the Utility as "account numbers." For

a complete listing of the Utility's operating budget, refer to the section of this budget book entitled "Operating Budget Detail."

The Utility's funds are not appropriated; rather the budget is an approved plan that can facilitate budgetary control and operational evaluations. The Utility defines fund equity as net position, which equals assets minus liabilities and deferred inflows of resources. Net position is divided into four categories; net invested in capital assets, restricted for construction and improvements, restricted for debt service, and unrestricted.

## **FY 2022-2023 DETAIL BUDGET**

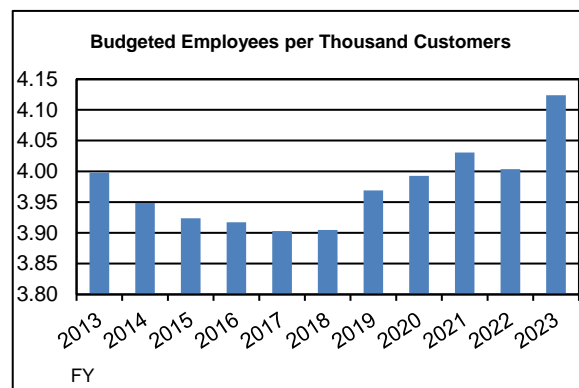
The Fiscal Year 2022–2023 budget reflects the PSB's Strategic Plan goals and objectives and is a balanced budget, with the revenue and other financing sources equal to the expenditures and other financing uses. The FY 2022-2023 budget includes a sizable response to the aftermath of the recent monsoon season and the Frontera wastewater emergency which have driven a reprioritization of projects; an increase in investment is necessary to address expensive infrastructure issues that have become urgent. The Utility adopted a nine percent water and a 13 percent wastewater rate increase. Some of the highlights of the FY 2022-2023 operating budget are as follows. The operating budget increased by \$15.1 million mainly as a result of:

- \$3.5 million increase in maintenance expense
- \$10.9 million increase in miscellaneous expenses mainly for professional services
- In addition, there was an increase of \$2.2 for salary adjustments and 45 new positions. The following table identifies the new position adjustments to the staffing table:

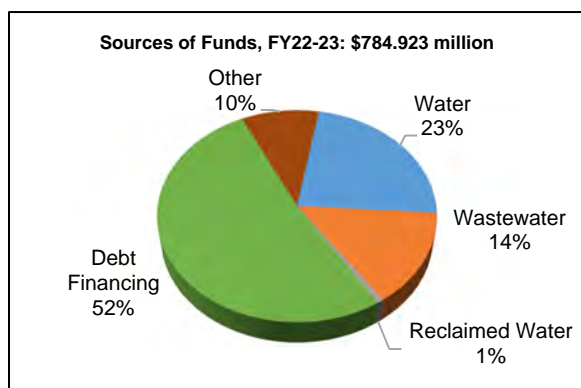
<b>Change in Staffing</b>	
<b>Section</b>	<b>Number of Positions</b>
Administration	+4
Engineering	+3
Financial and Support Services	+7
Information Technology	+3
Operations Support	+14
Operations Water	+10
Operations Wastewater	+4
<b>Net Change, All Divisions FY 2022-2023</b>	<b>+45 positions</b>



The Utility's ratio of employees to 1,000 customers has been reduced by 20% from 5.0 in 1996 to 4.1 employees per 1,000 customers budgeted in FY 2022-2023. In FY 2022-2023, this ratio increased by 0.12 employees due to an increase of 3,751 customers with 45 new positions added.



## Revenues and Other Financing Sources



**Water** – Water revenues are funds generated for providing potable water service to customers and fire protection. Water revenue for FY 2022-2023 is estimated at \$146.0 million and reflects an increase of \$9.3 million in billed water compared to the budgeted water revenue for the previous year due to an approved nine percent revenue adjustment and normal customer growth.

**Wastewater** – Wastewater revenues are generated from providing wastewater treatment services to customers. Wastewater revenue for FY 2022-2023 is estimated to be \$112.5 million reflecting an approved 13 percent revenue adjustment and normal customer growth.

**Water Supply Replacement Charge** – Water Supply Replacement Charge (WSRC) is restricted revenue used for the costs of attaining future water supplies and the infrastructure associated with it. The revenue source is estimated to be \$36.7 million for FY 2022-2023, which includes a nine percent revenue adjustment. As of March 1, 2017, all meter accounts with monthly water consumption of fewer than 4 CCFs are not charged the WSRC. This fee elimination was approved by the PSB to help low-volume users. In 2020-2021 an average of 39,000 customers on a monthly basis had this fee waived, and the total amount of waived fees for the year was over \$5.2 million.

**Debt Proceeds** – These are restricted funds available from proposed and previously issued bonds and new Commercial Paper used to finance the capital improvement program. For FY 2022-2023 the Utility budgeted \$649.4 million.

**Franchise Fee Revenue**– Effective, March 1, 2020, the City of El Paso increased the franchise fee from \$3.55 million to \$6.55 million annually. City Council approved the fee as a means to compensate the City of El Paso for the Utilities' use of city streets and the rights of way for projects and wear and tear on City streets. The monthly fee is billed to all inside City customers based on meter size.

**Reclaimed** – Reclaimed water revenues are funds generated for supplying advanced secondary and tertiary reuse water services. This revenue source is estimated to generate \$5.2 million in FY 2022-2023. The new

reclaimed water rate includes an approved 13 percent revenue adjustment. The rate adjustment includes the seventh year of an approved 10-year gradual reduction in the subsidy of the reclaimed water rate.

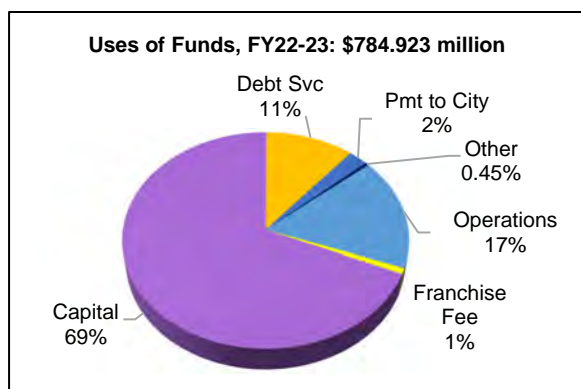
**Interest Income** – This category includes interest earned from investments, other cash management functions, and notes receivable. This revenue source is estimated at \$2.5 million for FY 2022-2023. Interest rates are expected to be higher in 2022 with the anticipation of three increases in the Federal Funds Rate in 2022.

**Grants** – This category includes any funds from federal and state governmental agencies. Almost always these proceeds are for capital improvement projects. Grant proceeds from existing and/or new grants for FY 2022-2023 are estimated to be \$8.3 million.

**Farm Lease Revenues**– The Utility continues to purchase water rights land in and around Dell City to secure a future water supply, which is included in Region E's 50-year plan. These water resources will be used for water importation around the year 2050. The Utility has leased out all the farm properties acquired in prior years. The Utility estimates that for FY 2022-2023, farming lease revenues to be \$1.8 million.

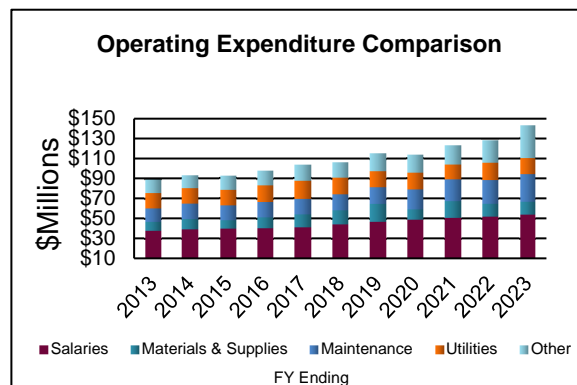
**Other** – This category includes customer service charges, proceeds from the sale of assets such as land; revenues from fees charged for the development of land annexed by the City of El Paso; impact fees from new development other contributions in aid of construction, and lease revenue. The FY 2022-2023 estimated revenue from this source is \$21.6 million, which includes \$10.0 million from land sales, \$4.9 million from miscellaneous service charges, \$950,000 in revenue from annexation fees, \$2.3 million in revenue from impact fees, \$200,000 from the sale of assets and \$3.3 million from contributions from new customers.

## Expenditures and Other Financing Uses



**Capital** – Capital expenses include all expenditures for the planning, design, construction, rehabilitation, and/or purchase of assets. Total capital expenses for FY 2022-2023 are estimated to be \$538.8 million, which includes \$5.6 million for equipment. The water capital projects represent 57.9% of total capital expenditures in FY 2022-2023, with wastewater and reclaimed projects representing 41.1% and capital equipment representing 1.0%.

**Operating** – This category includes expenditures for the operations and maintenance costs of the Utility. It includes salaries, materials and supplies, utilities, and all other expenses. Operating and maintenance expenses for FY 2022-2023 are estimated to be \$131.2 million. This is a 13.0% increase compared to FY 2021-2022. The increase is mainly due to \$2.2 million in salary



adjustments and funding of 45 new positions, \$3.5 million in increased maintenance expense, \$10.9 million increase in miscellaneous expenses mainly for professional services, and offset by a decrease of \$1.1 million in utilities.

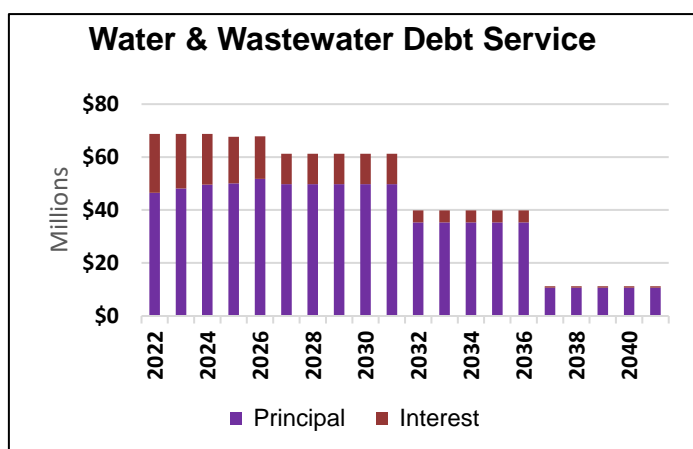
**Debt Service** – This category includes expenditures for the payment of principal and interest on bonds, debt service reserves, and other debt instruments including Commercial Paper. Debt service for FY 2022-2023 is estimated to be \$85.9 million. This is a \$12.3 million increase over the prior year mainly due to proposed bond issues of \$466.2 million to fund CIP projects and to refund Commercial Paper. In addition, the Utility plans to use an estimated \$146.6 million of Commercial Paper Notes next fiscal year to fund new CIP projects.

**Payment to City** – 10% of water revenues paid to the City of El Paso's general fund per bond ordinance. For FY 2022-2023, this payment to the City is estimated to be \$18.8 million. This figure is \$1.2 million more than the previous year due to the approved nine percent water revenue adjustment.

**Franchise Fee Expense** – Effective March 1, 2020, the City of El Paso increased the Utility franchise fee from \$3.55 million to \$6.55 million annually. City Council approved the fee as a means to compensate the City of El Paso for the Utilities' use of city streets and the rights of way for projects and wear and tear on City streets. The monthly fee is billed to all inside City customers.

**Contingency** – This category allows for unusual, unbudgeted expenses, equivalent to 2.5% of the operating budget. The contingency this year is \$3.3 million.

## DEBT SERVICE



The following chart shows, as of February 28, 2022, all outstanding principal and interest owed by EPWater. An adequate level of debt and strong financial positions reflects superior fiscal management that have allowed EPWater to continue to earn among the highest ratings that can be awarded by rating agencies like Standard & Poor's (AA+) and Fitch (AA+). In March 2021, Standard & Poor's and Fitch Ratings confirmed the Utilities bonds of AA+ with a Stable Outlook. In 1997,

to leverage the market and be more flexible in financing capital construction projects, the Utility initiated the use of interim commercial paper financing. The credit agreement, in the amount of \$40 million, is equally and ratably secured by and are payable from the sale of bonds or additional borrowing under the commercial paper program. In July 2015, the Public Service Board approved a resolution selecting Bank of America N.A. as the Liquidity Provider for the Commercial Paper Program. In August 2018, the agreement was amended to reduce the fees charged and extend the Credit Agreement for three

additional years. In August 2021, a second amendment was executed to extend the Credit Agreement for five additional years and includes an option for an additional \$40 million for an aggregate amount of \$80 million. The commercial paper matures from one to 270 days, with a current interest rate of 0.15%. On April 7, 2021, the Utility issued \$35.5 million of Water and Sewer Refunding Bonds Series 2021 to take long \$40.0 million of Commercial Paper Notes. Additionally, the Utility issued \$76.3 million Bonds Series 2021A to refund \$34.7 million of 2014 Bonds and \$32.0 million of 2015 Bonds, netting a Present Value Savings of \$4.8 million. The new debt service associated with the two bond issues completed last fiscal year have been included in the FY 2022-2023 budget. The following table shows all outstanding debt for the Water & Sewer Utility as of February 28, 2022.

<b>Water &amp; Wastewater Debt Service Detail</b>			
<b><u>Calendar Year</u></b>	<b><u>Principal</u></b>	<b><u>Interest</u></b>	<b><u>Total</u></b>
2022	\$46,490,000	\$22,270,200	\$68,760,200
2023	48,125,000	20,641,082	68,766,082
2024	49,570,000	19,180,171	68,750,171
2025	50,055,000	17,577,753	67,632,753
2026	51,750,000	16,080,200	67,830,200
2027	49,741,000	11,501,848	61,242,848
2028	49,741,000	11,501,848	61,242,848
2029	49,741,000	11,501,848	61,242,848
2030	49,741,000	11,501,848	61,242,848
2031	49,741,000	11,501,848	61,242,848
2032	35,323,000	4,493,426	39,816,426
2033	35,323,000	4,493,426	39,816,426
2034	35,323,000	4,493,426	39,816,426
2035	35,323,000	4,493,426	39,816,426
2036	35,323,000	4,493,426	39,816,426

<b>Water &amp; Wastewater Debt Service Detail</b>			
<b><u>Calendar Year</u></b>	<b><u>Principal</u></b>	<b><u>Interest</u></b>	<b><u>Total</u></b>
2037	10,667,000	539,086	11,206,086
2038	10,667,000	539,086	11,206,086
2039	10,667,000	539,086	11,206,086
2040	10,667,000	539,086	11,206,086
2041	10,667,000	539,086	11,206,086
<b>Total</b>	<b>\$724,645,000</b>	<b>\$178,421,206</b>	<b>\$903,066,206</b>

## CUSTOMER IMPACTS

Because of the many factors that go into providing quality water and wastewater services, EPWater must continue its leadership in regional and local planning to ensure that its customers continue to receive the highest quality water and wastewater services at affordable rates. The Utility uses an “excess use” increasing block rate structure to establish its user charges. The rate structure is designed with a water conservation message such that the less water the customer uses, the less per unit the customer will be billed. Each customer determines the block into which he or she will fall based on their **average winter consumption (AWC)**. AWC is the per-month average based on total consumption during the three winter months of December, January, and February. One can think of AWC as your personal yardstick, against which your water and wastewater use is measured. New customers who have not established an AWC are assigned the AWC based on the meter size for their classification. New residential homeowners, for example, would be assigned the residential single, 3/4” class average.

Up to four hundred cubic feet (CCF), or about 2,992 gallons of water, is included in the minimum monthly charge for all non-commercial accounts. The minimum monthly charge for a 3/4” x 5/8” meter is \$8.70 and the rate increases depending on the size of the meter.

### Water Rate Structure (Residential)

Minimum: up to 4 CCFs

Block 1: over 4 CCFs to 150% of AWC

Block 2: over 150% to 250% of AWC

Block 3: over 250% of AWC



This structure is consistent with the PSB's goal of sending a pricing signal to high water users or users with high or "discretionary" water use. A nine percent revenue increase rate adjustment was approved for the FY 2022-2023 budget. The rates effective March 1, 2022, are outlined below:

Block 1 . . . . . \$2.62 per CCF  
 Block 2 . . . . . \$6.20 per CCF  
 Block 3 . . . . . \$8.86 per CCF

The formula for determining into which block a customer will fall is based on what multiple of the customer's AWC is used during that billing period.

In February 1996, the PSB adopted a water supply replacement charge (WSRC). This is dedicated revenue to be used for the acquisition of new water resources to meet current and future water demand. The WSRC is a flat monthly fee charged to each water customer, increasing with equivalent meter size. The typical meter size for a single-family detached residence is 3/4" x 5/8" and the WSRC is \$12.88. Effective March 1, 2017, the WSRC is waived for all metered accounts with monthly water consumption of fewer than 4 CCFs. This fee elimination was approved by the PSB to help low-volume users.

The payment to the City of El Paso for 10 percent of total water sales was implemented through Ordinance 752 of the City of El Paso which created the PSB and established a monthly 10 percent of total water sales payment to the City of El Paso to be paid by EPWater.

Effective March 1, 2020, the City of El Paso increased the franchise fee charged to the Utility to \$6.55 million annually. City Council approved the fee as a means to compensate the City of El Paso for the Utilities' use of city streets and the rights of way for projects and wear and tear on City streets. The monthly fee is billed to all inside City customers.

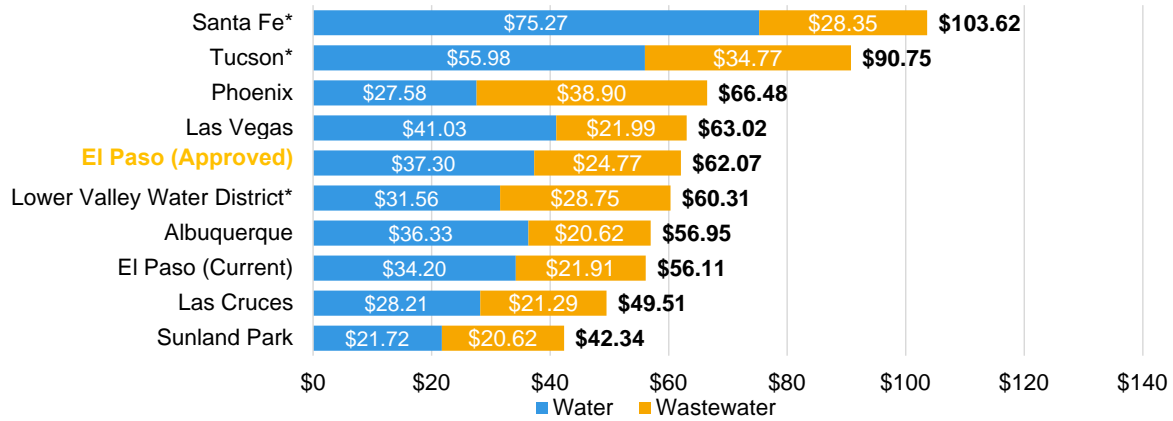
The wastewater bill is determined by taking 90% of the customer's AWC, then billing a minimum charge of \$19.79 for the first 4 CCFs and \$2.49 per CCF thereafter. The wastewater portion of the bill will then be fixed until the customer's AWC is calculated again next winter. The customer determines her/his own AWC, meaning they determine their own rates for service. EPWater continues to offer competitive and efficient services and provides one of the most affordable commodities in the Border region, as supported in an October 2021 survey of border cities (survey assumes an AWC of 7 CCFs, consumption of 10 CCFs of water, and 6 CCFs of wastewater). A detailed history of water and wastewater rates is included in the Statistical section of this budget document.

It should be noted that EPWater continues to serve its customers in this arid region while maintaining affordable prices. Specifically, the area has the lowest average annual rainfall among any of the arid cities in the survey. The result is that EPWater is able to offer its customers high-quality, low-cost services and still meet the needs of future generations as well. Proactive planning, regional leadership, visionary management, fiduciary responsibility, and constant communication with the customer will ensure that this will always be the case.

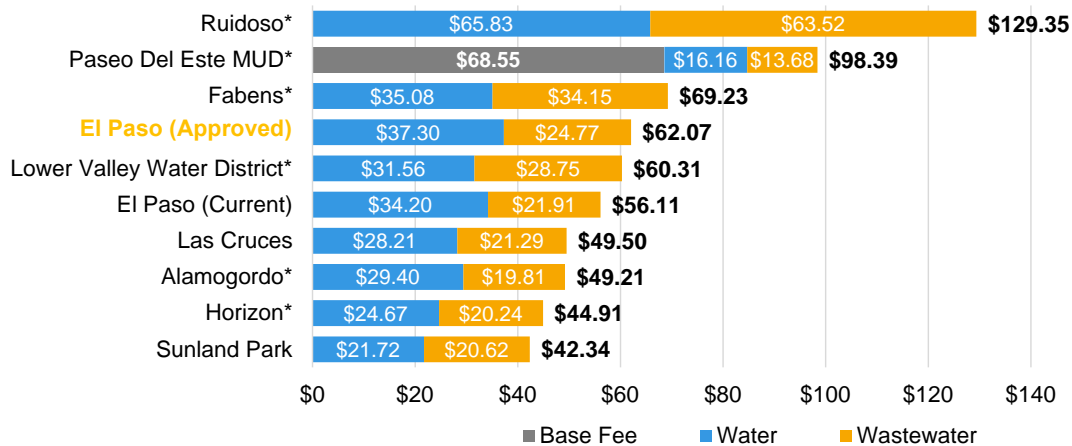
As of December 2021, the Utility and its customers received over \$2 million from financial assistance programs which have helped almost 5,000 customers pay outstanding customer account balances. The Utility continues to offer customers repayment options that include extended periods for payment arrangements.



## Average Residential Water/Wastewater Bill Arid Cities Survey 2021

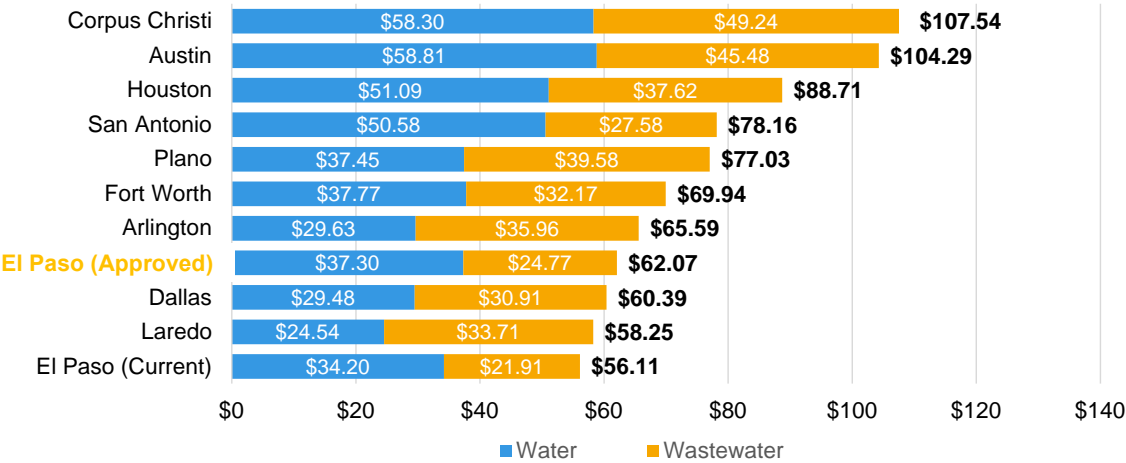


## Average Residential Water/Wastewater Bill Regional Cities Survey 2021



# Average Residential Water/Wastewater Bill

## Ten Largest Texas Cities Survey 2021



**El Paso Water Utilities - Public Service Board**  
**SUMMARY OF RECEIPTS & DISBURSEMENTS (IN 1000'S)**  
**2022-23 FISCAL BUDGET**

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	Approved Budget 2021-22	Approved Budget 2022-23	Difference	% of Inc(Dec)
<b>Water Billed (In Billion Gallons)</b>	<b>34.50</b>	<b>35.00</b>	<b>0.50</b>	<b>1.45%</b>
<b>REVENUE</b>				
Water	135,442	144,548	9,106	6.72%
Water Supply Replacement Charge	33,539	36,698	3,159	9.42%
Reclaimed Water	5,819	5,224	(595)	-10.23%
Fire Protection	1,339	1,495	156	11.65%
Service Charges, Misc. Fees	2,100	2,100	-	0.00%
<b>Total Water</b>	<b>178,239</b>	<b>190,065</b>	<b>11,826</b>	<b>6.63%</b>
Wastewater Service	96,441	111,780	15,339	15.91%
Pretreatment Surcharge	612	678	66	10.78%
<b>Total Wastewater</b>	<b>97,053</b>	<b>112,458</b>	<b>15,405</b>	<b>15.87%</b>
Misc. Operating Revenues	2,800	2,800	-	0.00%
Farm Lease Revenues	1,813	1,813	-	0.00%
Franchise Fee	6,550	6,550	-	0.00%
Interest Revenue on Operating Funds	500	500	-	0.00%
<b>Total Operating Revenues</b>	<b>286,956</b>	<b>314,186</b>	<b>27,231</b>	<b>9.49%</b>
<b>LESS OPERATING EXPENDITURES</b>				
Operation & Maintenance	116,187	131,243	15,056	12.96%
Farm Lease Expenditures	650	275	(375)	-57.69%
Franchise Fee to City	6,550	6,550	-	0.00%
<b>Total Operating Expenditures</b>	<b>123,387</b>	<b>138,068</b>	<b>14,681</b>	<b>11.90%</b>
<b>Total Operating and Misc. Expenses</b>	<b>123,387</b>	<b>138,068</b>	<b>14,681</b>	<b>11.90%</b>
<b>Revenues Available</b>	<b>163,569</b>	<b>176,118</b>	<b>12,549</b>	<b>7.67%</b>
Sale of Assets	450	200	(250)	-55.56%
Interest Revenue on Restricted Funds	2,000	2,000	-	0.00%
<b>Revenues Available for Debt Service</b>	<b>166,019</b>	<b>178,318</b>	<b>12,299</b>	<b>7.41%</b>
Debt Service - Water and Wastewater	71,866	82,642	10,776	14.99%
Debt Service Reserve Fund	1,416	2,941	1,525	107.70%
Short Term Commercial Paper - Interest	330	330	-	0.00%
Payment to City	17,680	18,847	1,167	6.60%
<b>Revenues Avail For Capital Rehab/Impr.</b>	<b>74,726</b>	<b>73,559</b>	<b>(1,167)</b>	<b>-1.56%</b>
<b>PLUS MISC. NON-OPERATING REVENUES</b>				
Land Sales	10,000	10,000	-	0.00%
Impact Fees	2,270	2,270	-	0.00%
Annexation Fees	950	950	-	0.00%
Contribution of New Customers	3,300	3,300	-	0.00%
<b>Total Non-Operating Revenues</b>	<b>16,520</b>	<b>16,520</b>	<b>-</b>	<b>0.00%</b>
<b>Total Revenues Avail for Capital Rehab/Impr.</b>	<b>91,246</b>	<b>90,079</b>	<b>(1,167)</b>	<b>-1.28%</b>
<b>CAPITAL EXPENDITURES</b>				
Capital Projects-Water	135,971	311,888	175,917	129.38%
Capital Projects-Wastewater	100,559	219,402	118,843	118.18%
Capital Projects-Reuse	969	1,961	992	102.37%
Capital Equipment	4,508	5,564	1,056	23.43%
<b>Total Capital Expenditures</b>	<b>242,007</b>	<b>538,815</b>	<b>296,808</b>	<b>122.64%</b>
Contingencies	2,905	3,281	376	12.94%
<b>Deficiency to be funded by debt or construction funds</b>	<b>(153,666)</b>	<b>(452,017)</b>	<b>(298,351)</b>	<b>194.16%</b>
New Bond Issues & Short Term Commercial Paper Program	81,187	612,778	531,591	654.77%
Grants	11,290	8,254	(3,036)	-26.89%
Less Restricted Construction Funds	39,178	36,631	(2,547)	-6.50%
Transfer from / (to) Restricted Funds	-	(126,373)	(126,373)	N/A
Transfer from (to) Water Supply Reserve	(10,000)	(10,000)	-	0.00%
<b>BALANCE</b>	<b>(32,011)</b>	<b>69,273</b>	<b>101,284</b>	<b>-316.40%</b>
<b>Debt Service Coverage</b>	<b>2.31</b>	<b>2.16</b>		



**EL PASO WATER UTILITIES - PUBLIC SERVICE BOARD**  
**A COMPONENT UNIT OF THE CITY OF EL PASO**  
**WATER AND WASTEWATER UTILITY FUND**  
**STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION**  
**BUDGET TO ACTUAL\***

\*THIS IS AN UNOFFICIAL, UNAUDITED STATEMENT USING DATA FROM EPWU-PSB'S COMPREHENSIVE  
ANNUAL FINANCIAL REPORT AND PREPARED STRICTLY FOR USE IN THIS BUDGET BOOK

	<u>Year End February 28, 2021</u>		<u>Year End February 28, 2022</u>		<u>FY 2022-2023</u>
	Budget	Actual	Budget	Projected	Budget
<b>BILLED WATER (billions of gallons, retail + wholesale)</b>	<b>34.50</b>	<b>35.57</b>	<b>34.50</b>	<b>34.01</b>	<b>35.00</b>
<b>OPERATING REVENUES</b>					
Water service	\$ 130,844,000	\$ 139,251,494	\$ 135,442,000	\$ 132,297,000	\$ 144,548,000
Water supply replacement charge	32,504,000	32,509,672	33,539,000	33,170,000	36,698,000
Reclaimed water service	4,926,000	5,816,201	5,819,000	4,793,000	5,224,000
Fire protection	1,298,000	1,327,146	1,339,000	1,371,000	1,495,000
Service charges, misc. fees	2,900,000	813,980	2,100,000	754,000	2,100,000
Wastewater service	94,801,000	93,946,187	96,441,000	98,519,000	111,780,000
Pretreatment surcharges	548,000	862,202	612,000	612,000	678,000
Misc. operating revenues	2,700,000	4,489,562	2,800,000	3,117,000	2,800,000
Farm Revenues	1,674,000	1,848,130	1,813,000	1,885,000	1,813,000
Franchise Fee Collected City of El Paso	6,550,000	6,550,000	6,550,000	6,550,000	6,550,000
Interest revenue on operating funds	600,000	418,374	500,000	376,000	500,000
<b>TOTAL OPERATING REVENUES</b>	<b>279,345,000</b>	<b>287,832,948</b>	<b>286,955,000</b>	<b>283,445,000</b>	<b>314,186,000</b>
<b>OPERATING EXPENSES</b>					
Operations and maintenance - water and reclaimed water	54,865,900	51,222,090	57,199,900	52,369,000	60,128,000
Operations and maintenance - wastewater	28,399,100	25,500,922	30,008,600	27,475,000	32,424,000
General and administrative	28,490,000	27,713,079	28,978,500	26,531,000	38,691,000
Farm Expenditures	700,000	786,228	650,000	201,000	275,000
Depreciation	66,000,000	70,211,559	68,000,000	68,000,000	70,000,000
Other operating expenses	2,000,000	1,624,245	2,000,000	2,000,000	2,000,000
Other Post-Employment Benefits expense	-	1,658,421	-	1,700,000	-
Pension expense	-	6,091,180	-	6,000,000	-
Franchise Fee Remitted City of El Paso	6,550,000	6,550,000	6,550,000	6,550,000	6,550,000
Payment to City of El Paso per bond covenants	17,277,000	16,849,709	18,190,000	16,304,000	18,847,000
<b>TOTAL OPERATING EXPENSES</b>	<b>204,282,000</b>	<b>208,207,433</b>	<b>211,577,000</b>	<b>207,130,000</b>	<b>228,915,000</b>
<b>OPERATING INCOME</b>	<b>75,063,000</b>	<b>79,625,515</b>	<b>75,378,000</b>	<b>76,315,000</b>	<b>85,271,000</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>					
Interest income	2,000,000	1,537,325	2,000,000	741,000	2,000,000
Gain on sale of assets	15,450,000	1,257,785	10,450,000	3,153,000	10,200,000
Other nonoperating	-	(1,094,897)	-	(1,100,000)	-
Interest on bonds and commercial paper	(28,000,000)	(20,566,880)	(28,000,000)	(28,000,000)	(28,000,000)
Impact Fees	2,200,000	2,551,166	2,270,000	2,190,000	2,270,000
Annexation fees	1,600,000	1,071,272	950,000	446,000	950,000
Tap fees and other customer construction related contributions	2,500,000	2,907,284	3,300,000	2,360,000	3,300,000
<b>TOTAL NON-OPERATING EXPENSES</b>	<b>(4,250,000)</b>	<b>(12,336,945)</b>	<b>(9,030,000)</b>	<b>(20,210,000)</b>	<b>(9,280,000)</b>
<b>INCOME BEFORE CONTRIBUTIONS</b>	<b>70,813,000</b>	<b>67,288,570</b>	<b>66,348,000</b>	<b>56,105,000</b>	<b>75,991,000</b>
<b>CAPITAL CONTRIBUTIONS</b>	<b>8,000,000</b>	<b>20,049,025</b>	<b>8,000,000</b>	<b>8,000,000</b>	<b>8,000,000</b>
<b>INCREASE IN NET POSITION</b>	<b>78,813,000</b>	<b>87,337,595</b>	<b>74,348,000</b>	<b>64,105,000</b>	<b>83,991,000</b>
<b>TOTAL NET POSITION - BEGINNING</b>	<b>1,057,084,164</b>	<b>1,057,084,164</b>	<b>1,144,421,759</b>	<b>1,144,421,759</b>	<b>1,218,769,759</b>
<b>TOTAL NET POSITION- ENDING</b>	<b>\$ 1,135,897,164</b>	<b>\$ 1,144,421,759</b>	<b>\$ 1,218,769,759</b>	<b>\$ 1,208,526,759</b>	<b>\$ 1,302,760,759</b>
<b>DEBT SERVICE COVERAGE</b>	<b>2.33</b>	<b>2.38</b>	<b>2.31</b>	<b>2.47</b>	<b>2.16</b>

\* This statement has been revised to reflect the new GASB 34 reporting requirements.

<b>El Paso Water Utilities / Public Service Board Water and Wastewater Fiscal Year 2022-23 Annual Budget (in \$1,000's)</b>	<b>Approved FY 2022-23</b>
<b>Total Operating and Capital Budget</b>	<b>\$784,923</b>
<b>OPERATING REVENUES</b>	
Water Service	144,548
Water Supply & Replacement	36,698
Fire Protection	1,495
Reclaimed Water Sales	5,224
Service Charges, Misc. Fees	2,100
<b>TOTAL WATER REVENUES</b>	<b>190,065</b>
<b>RATE INCREASE - Water</b>	<b>9.0%</b>
<b>RATE INCREASE - Reuse</b>	<b>13.0%</b>
Wastewater Service	111,780
Pretreatment Surcharges	678
<b>TOTAL WASTEWATER REVENUES</b>	<b>112,458</b>
<b>RATE INCREASE - Wastewater</b>	<b>13.0%</b>
Other Revenue	2,800
Farm Lease Revenues	1,813
Franchise Fee	6,550
Interest Revenue on Operating Funds	500
<b>TOTAL OPERATING REVENUES</b>	<b>314,186</b>
<b>LESS OPERATING EXPENSES</b>	
Operations & Maintenance	131,243
Farm Lease Expenditures	275
Franchise Fee	6,550
<b>TOTAL OPERATING EXPENSES</b>	<b>138,068</b>
<b>NET OPERATING REVENUES AVAILABLE</b>	<b>176,118</b>
Sale of Assets	200
Interest Revenue on Restricted Funds	2,000
<b>REVENUE AVAILABLE FOR DEBT SERVICE</b>	<b>178,318</b>
Existing Debt Service - P & I - Bonds	69,488
Commercial Paper Annual Financing	330
New Debt Service - P & I - Bonds	13,154
Annual Contributions to Reserve Fund	2,941
Payment to City - Per Bond Covenant	18,847
<b>REVENUE AVAILABLE FOR CAPITAL IMPROVEMENTS</b>	<b>73,559</b>
<b>PLUS RESTRICTED NON-OPERATING REVENUES</b>	
Land Sales	10,000
Impact Fees	2,270
Annexation Fees	950
Contribution of New Customers	3,300
<b>TOTAL NON-OPERATING REVENUES</b>	<b>16,520</b>
<b>TOTAL REVENUE AVAILABLE FOR CAPITAL IMPROVEMENTS</b>	<b>90,079</b>
<b>CAPITAL EXPENDITURES</b>	
Capital Projects - Water	311,888
Capital Projects - Wastewater	219,402
Capital Projects - Reuse	1,961
Capital Equipment	5,564
<b>TOTAL CAPITAL EXPENDITURES</b>	<b>538,815</b>
Contingencies	3,281
<b>(DEFICIENCY) TO BE FUNDED BY DEBT, GRANTS OR CONSTRUCTION FUNDS</b>	<b>(452,017)</b>
New Bond Issues & Commercial Paper	612,778
Grants	8,254
Restricted Construction Funds	36,631
Transfer to Restricted Funds	(126,373)
Transfer to Water Supply Reserve	(10,000)
<b>Increase /(Decrease) In Fund Balance</b>	<b>69,273</b>
<b>Debt Service Coverage - Target 2.0x</b>	<b>2.16</b>
<b>Percent Increase In Utility Bill</b>	<b>11.0%</b>

**EL PASO WATER/PUBLIC SERVICE BOARD  
WATER AND WASTEWATER OPERATING BUDGET BY OBJECT**

EXPENDITURE	2020-21			2021-22			2022-2023		
	Approved Budget	Actual	%	Approved Budget	6 months YTD	%	Approved Budget	Increase (Decrease)	%
<b><u>GENERAL OPERATING</u></b>									
<b>PERSONNEL SERVICES</b>	\$50,591,200	\$45,036,120	89.0%	\$51,638,000	\$21,322,386	41.3%	\$53,817,600	\$2,179,600	4.22%
<b>MATERIALS &amp; SUPPLIES</b>	16,730,260	16,261,878	97.2%	13,212,800	4,038,467	30.6%	13,024,600	(188,200)	-1.42%
<b>MAINTENANCE</b>	21,742,850	23,477,618	108.0%	23,643,800	11,382,117	48.1%	27,094,600	3,450,800	14.59%
<b>UTILITIES</b>	14,569,100	14,429,861	99.0%	17,564,600	7,923,513	45.1%	16,456,550	(1,108,050)	-6.31%
<b>OTHER*</b>	19,304,590	17,162,729	88.9%	21,846,800	7,928,092	36.3%	32,701,650	10,854,850	49.69%
<b>GROSS O &amp; M BUDGET</b>	122,938,000	116,368,206	94.7%	127,906,000	52,594,575	41.1%	143,095,000	15,189,000	11.88%
Less: Capital Salaries	(4,856,000)	(5,172,394)	106.5%	(5,064,000)	(2,640,886)	52.2%	(5,114,000)	(50,000)	0.99%
Capital Credits	(4,829,000)	(5,826,840)	120.7%	(4,977,000)	(2,895,120)	58.2%	(4,982,000)	(5,000)	0.10%
Stormwater Indirect Cost Allocation	(1,498,000)	(1,498,000)	100.0%	(1,678,000)	(839,000)	50.0%	(1,756,000)	(78,000)	4.65%
<b>NET OPERATING BUDGET</b>	<b>\$111,755,000</b>	<b>\$103,870,972</b>	<b>92.9%</b>	<b>\$116,187,000</b>	<b>\$46,219,570</b>	<b>39.8%</b>	<b>\$131,243,000</b>	<b>\$15,056,000</b>	<b>12.96%</b>
<b><u>CLEARING ACCOUNTS</u></b>									
<b>PERSONNEL SERVICES</b>	\$5,220,800	\$4,919,142	94.2%	\$5,487,800	\$2,639,958	48.1%	\$5,783,800	\$296,000	5.39%
<b>MATERIALS AND SUPPLIES</b>	1,315,800	1,116,766	84.9%	1,314,600	744,664	56.6%	1,461,200	146,600	11.15%
<b>MAINTENANCE</b>	503,305	656,786	130.5%	577,600	264,646	45.8%	588,500	10,900	1.89%
<b>UTILITIES</b>	390,880	311,198	79.6%	371,500	166,642	44.9%	934,500	563,000	151.55%
<b>OTHER*</b>	1,491,215	1,235,245	82.8%	1,333,500	653,935	49.0%	1,506,000	172,500	12.94%
<b>TOTAL CLEARING ACCOUNTS</b>	<b>\$8,922,000</b>	<b>\$8,239,137</b>	<b>92.3%</b>	<b>\$9,085,000</b>	<b>\$4,469,844</b>	<b>49.2%</b>	<b>\$10,274,000</b>	<b>\$1,189,000</b>	<b>13.09%</b>

\*Other expenditures are those which don't fit the other 4 categories. These include, among others, professional services, employee training, prepaid insurance, sludge hauling, water conservation expenses, fees to financial institutions, and postage.

**EL PASO WATER/PUBLIC SERVICE BOARD**  
**SUMMARY OF OPERATING BUDGET APPROPRIATIONS**  
**BY PROGRAM BY ORGANIZATIONAL UNIT**  
**FISCAL YEAR 2022-2023**

**TABLE OF CONTENTS**

Section Division	FY 2020-2021			FY 2021-22			2022-2023		
	Approved Budget	Actual	%	Approved Budget	6 months YTD	%	Approved Budget	Increase (Decrease)	%
<b><u>ADMINISTRATION</u></b>									
100 Public Service Board	454,000	371,482	81.8%	462,000	48,818	10.6%	465,000	3,000	0.65%
105 Executive Services	1,833,000	1,649,215	90.0%	1,840,000	759,985	41.3%	1,940,000	100,000	5.43%
110 Legal Services	1,268,000	1,204,183	95.0%	1,353,000	619,041	45.8%	1,835,000	482,000	35.62%
115 Communications & Government Affairs	2,136,000	1,742,688	81.6%	1,827,000	697,049	38.2%	2,254,000	427,000	23.37%
120 Human Resources & Risk Management	1,383,000	1,052,440	76.1%	1,386,000	503,998	36.4%	1,673,000	287,000	20.71%
130 Water Resources Management	602,000	637,165	105.8%	605,000	226,384	37.4%	1,119,000	514,000	84.96%
140 Land Management	1,327,000	1,234,224	93.0%	1,435,000	456,891	31.8%	1,398,000	(37,000)	-2.58%
150 Tech20 Learning Center	1,452,000	752,408	51.8%	1,032,000	368,433	35.7%	1,194,000	162,000	15.70%
<b>TOTAL DIVISION</b>	<b>10,455,000</b>	<b>8,643,805</b>	<b>82.7%</b>	<b>9,940,000</b>	<b>3,680,599</b>	<b>37.0%</b>	<b>11,878,000</b>	<b>1,938,000</b>	<b>19.50%</b>
<b><u>TECHNICAL SERVICES</u></b>									
310 Technical Services	1,079,000	932,758	86.4%	971,000	378,975	39.0%	615,000	(356,000)	-36.66%
315 Water/Wastewater Design	1,265,000	941,496	74.4%	1,203,000	463,860	38.6%	1,586,000	383,000	31.84%
320 Planning and Development	2,928,000	2,363,572	80.7%	2,956,000	1,125,153	38.1%	3,419,000	463,000	15.66%
325 Engineering Project Management	1,272,000	1,147,296	90.2%	1,420,000	574,895	40.5%	2,648,000	1,228,000	86.48%
335 Construction Project Management	952,000	675,241	0.0%	794,000	374,543	0.0%	921,000	127,000	15.99%
350 Capital Improvement Program Management	0	0	0.0%	0	0	0.0%	528,000	528,000	0.0%
<b>TOTAL DIVISION</b>	<b>7,496,000</b>	<b>6,060,365</b>	<b>80.8%</b>	<b>7,344,000</b>	<b>2,917,427</b>	<b>39.7%</b>	<b>9,717,000</b>	<b>2,373,000</b>	<b>32.31%</b>
<b><u>OPERATIONS (WATER DIVISION)</u></b>									
410 Water Division Office	1,205,000	1,496,207	124.2%	1,297,000	200,062	15.4%	1,913,000	616,000	47.49%
420 Water Production	12,826,000	12,332,363	96.2%	17,321,000	7,271,953	42.0%	16,197,000	(1,124,000)	-6.49%
430 Canal Street Water Treatment Plant	5,026,000	3,720,995	74.0%	3,563,000	1,566,989	44.0%	3,704,000	141,000	3.96%
440 Water Distribution	14,840,000	15,428,541	104.0%	16,023,000	6,835,149	42.7%	16,678,000	655,000	4.09%
450 Jonathan Rogers Water Treatment Plant	11,774,000	12,854,587	109.2%	7,857,000	2,554,370	32.5%	8,009,000	152,000	1.93%
470 Upper Valley Water Treatment Plant	1,658,000	1,920,597	115.8%	1,884,000	1,010,185	53.6%	2,353,000	469,000	24.89%
480 Kay Bailey Hutchison Desalination Plant	2,934,000	2,975,634	101.4%	4,850,000	1,466,493	30.2%	4,576,000	(274,000)	-5.65%
490 Reclaimed Water System	0	0	0.0%	0	0	0.0%	472,000	472,000	0.00%
<b>TOTAL DIVISION</b>	<b>50,263,000</b>	<b>50,728,924</b>	<b>100.9%</b>	<b>52,795,000</b>	<b>20,905,202</b>	<b>39.6%</b>	<b>53,902,000</b>	<b>1,107,000</b>	<b>2.10%</b>
<b><u>OPERATIONS (OPERATIONS SUPPORT)</u></b>									
510 Operations Management	1,456,000	1,257,560	86.4%	1,769,000	578,177	32.7%	2,029,000	260,000	14.70%
520 Environmental Compliance	1,252,000	1,192,717	95.3%	1,025,000	348,921	34.0%	1,424,000	399,000	38.93%
525 Laboratory Services	3,697,000	3,138,950	84.9%	3,644,000	1,529,529	42.0%	3,853,000	209,000	5.74%
530 Code Compliance	0	0	0.0%	530,000	215,598	0.0%	532,000	2,000	0.00%
540 Reclaimed Water System*	505,000	408,238	80.8%	426,000	130,292	30.6%	0	(426,000)	0.00%
560 Biosolids Management*	2,381,000	1,976,775	83.0%	2,301,000	1,015,749	44.1%	0	(2,301,000)	0.00%
580 Utility Equipment Maintenance	593,000	437,475	0.0%	548,000	244,527	0.0%	939,000	391,000	71.35%
<b>TOTAL DIVISION</b>	<b>9,884,000</b>	<b>8,411,715</b>	<b>85.1%</b>	<b>10,243,000</b>	<b>4,062,793</b>	<b>39.7%</b>	<b>8,777,000</b>	<b>(1,466,000)</b>	<b>-14.31%</b>
<b><u>OPERATIONS (WASTEWATER DIVISION)</u></b>									
610 Wastewater Division Office	1,031,000	1,013,329	98.3%	1,648,000	415,734	25.2%	2,159,000	511,000	31.01%
620 Wastewater Lift Stations	2,723,000	2,615,853	96.1%	2,771,000	1,240,657	44.8%	2,770,000	(1,000)	-0.04%
630 Collection System Maintenance	2,125,000	2,081,705	98.0%	2,170,000	967,217	44.6%	2,172,000	2,000	0.09%
640 John T. Hickerson Water Reclamation Facility	3,331,000	2,879,286	86.4%	3,246,000	1,395,830	43.0%	3,850,000	604,000	18.61%
650 Haskell Street Wastewater Treatment Plant	4,513,000	4,399,497	97.5%	4,998,000	2,308,564	46.2%	5,813,000	815,000	16.31%
670 Roberto Bustamante WW Treatment Plant	4,960,000	4,697,148	94.7%	5,096,000	2,582,326	50.7%	7,111,000	2,015,000	39.54%
680 Fred Hervey Water Reclamation Plant	4,012,000	3,945,256	98.3%	4,129,000	1,870,589	45.3%	4,908,000	779,000	18.87%
690 Wastewater System Repair & Construction	2,608,000	3,191,547	122.4%	2,930,000	1,192,292	40.7%	3,102,000	172,000	5.87%
<b>TOTAL DIVISION</b>	<b>25,303,000</b>	<b>24,823,622</b>	<b>98.1%</b>	<b>26,988,000</b>	<b>11,973,209</b>	<b>44.4%</b>	<b>31,885,000</b>	<b>4,897,000</b>	<b>18.15%</b>
<b><u>FINANCIAL &amp; SUPPORT SERVICES</u></b>									
710 Finance	949,000	875,725	92.3%	1,093,000	437,436	40.0%	1,103,000	10,000	0.91%
715 Property & Treasury Management	955,000	818,851	85.7%	1,102,000	403,247	36.6%	1,046,000	(56,000)	-5.08%
720 Customer Service	7,299,000	6,462,627	88.5%	7,462,000	3,270,878	43.8%	8,073,000	611,000	8.19%
740 Accounting	831,000	839,911	101.1%	870,000	349,012	40.1%	876,000	6,000	0.69%
750 Purchasing & Contract Management	877,000	801,607	91.4%	876,000	344,732	39.4%	910,000	34,000	3.88%
<b>TOTAL DIVISION</b>	<b>10,911,000</b>	<b>9,798,721</b>	<b>89.8%</b>	<b>11,403,000</b>	<b>4,805,305</b>	<b>42.1%</b>	<b>12,008,000</b>	<b>605,000</b>	<b>5.31%</b>
<b><u>INFORMATION TECHNOLOGY</u></b>									
810 Information Technology	6,156,000	5,547,618	90.1%	6,744,000	3,194,032	47.4%	11,139,000	4,395,000	65.17%
825 Instrumentation and Control	2,470,000	2,353,437	95.3%	2,449,000	1,056,010	43.1%	3,789,000	1,340,000	54.72%
<b>TOTAL DIVISION</b>	<b>8,626,000</b>	<b>7,901,056</b>	<b>91.6%</b>	<b>9,193,000</b>	<b>4,250,042</b>	<b>46.2%</b>	<b>14,928,000</b>	<b>5,735,000</b>	<b>62.38%</b>
<b><u>GROSS O &amp; M BUDGET</u></b>									
Less: Capital Salaries	(4,856,000)	(5,172,394)	106.5%	(5,064,000)	(2,640,886)	52.2%	(5,114,000)	(50,000)	0.99%
Less: Capital Credits	(4,829,000)	(5,826,840)	120.7%	(4,977,000)	(2,895,120)	58.2%	(4,982,000)	(5,000)	0.10%
Less: Stormwater Indirect Cost Allocation	(1,498,000)	(1,498,000)	100.0%	(1,678,000)	(839,000)	50.0%	(1,756,000)	(78,000)	4.65%
<b>NET OPERATING BUDGET EPWU</b>	<b>111,755,000</b>	<b>103,870,972</b>	<b>92.9%</b>	<b>116,187,000</b>	<b>46,219,570</b>	<b>39.8%</b>	<b>131,243,000</b>	<b>15,056,000</b>	<b>12.96%</b>
<b><u>CLEARING ACCOUNTS</u></b>									
912 Meter Repair & Testing	713,000	621,389	87.2%	719,000	280,976	39.1%	744,000	25,000	3.48%
914 Warehouse	538,000	414,408	77.0%	506,000	217,985	43.1%	535,000	29,000	5.73%
915 Fleet Maintenance	2,755,000	2,585,694	93.9%	2,871,000	1,460,294	50.9%	3,312,000	441,000	15.36%
916 Heavy Equipment Operations	3,105,000	3,183,553	102.5%	3,185,000	1,751,887	55.0%	3,276,000	91,000	2.86%
917 Facilities Maintenance	1,811,000	1,434,093	79.2%	1,804,000	758,704	42.1%	2,407,000	603,000	33.43%
<b>TOTAL CLEARING ACCOUNTS</b>	<b>8,922,000</b>	<b>8,239,137</b>	<b>92.3%</b>	<b>9,085,000</b>	<b>4,469,844</b>	<b>49.2%</b>	<b>10,274,000</b>	<b>1,189,000</b>	<b>13.09%</b>
<b><u>STORMWATER UTILITY</u></b>									
210 Stormwater Management	6,078,000	5,200,040	85.6%	6,094,000	2,697,096	44.3%	6,832,000	738,000	12.11%
220 Technical Services	1,063,000	848,264	79.8%	1,039,000	348,295	33.5%	1,745,000	706,000	67.95%
<b>TOTAL STORMWATER UTILITY</b>	<b>7,141,000</b>	<b>6,048,304</b>	<b>84.7%</b>	<b>7,133,000</b>	<b>3,045,391</b>	<b>42.7%</b>	<b>8,577,000</b>	<b>1,444,000</b>	<b>20.24%</b>
Less: Capital Salaries	(1,202,000)	(1,251,337)	104.1%	(1,194,000)	(622,375)	52.1%	(1,160,000)	34,000	-2.85%
Plus: Indirect Cost Allocation	1,498,000	1,498,000	100.0%	1,678,000	839,000	50.0%	1,756,000	78,000	4.65%
<b>NET OPERATING BUDGET STORM</b>	<b>7,437,000</b>	<b>6,294,967</b>	<b>84.6%</b>	<b>7,617,000</b>	<b>3,262,016</b>	<b>42.8%</b>	<b>9,173,000</b>	<b>1,556,000</b>	<b>20.43%</b>
<b>EPWU AND STORMWATER</b>	<b>119,192,000</b>	<b>110,165,939</b>	<b>92.4%</b>	<b>123,804,000</b>	<b>49,481,586</b>	<b>40.0%</b>	<b>140,416,000</b>	<b>16,612,000</b>	<b>13.42%</b>

\*Section 540 - moved to Water Division and section 490 created. Section 560 deleted - budget distributed to the wastewater treatment plants, sections 640, 650, 670, and 680.

EL PASO WATER SUMMARY, FY 2022-2023 STAFFING BY DIVISION AND SECTION							TABLE OF CONTENTS
	Division/Section	2018-19	2019-20	2020-21*	2021-22*	2022-23	
<b>Administration</b>	Executive Services	7	7	8	8	9	
	Legal Services	5	5	5	7	8	
	Communications & Government Affairs	9	10	10	10	10	
	Human Resources	14	14	14	16	18	
	Water Resources Management	5	5	5	5	5	
	Land Management	10	10	10	11	11	
	Tech20 Learning Center	10	8	8	8	8	
	<b>Total Division</b>	<b>60</b>	<b>59</b>	<b>60</b>	<b>65</b>	<b>69</b>	
<b>Technical Services</b>	Technical Services	6	6	7	8	4	
	Water/Wastewater Design	15	15	15	15	15	
	Planning and Development	37	38	37	38	40	
	Engineering Project Management	9	11	12	11	12	
	Construction Project Management	6	6	7	7	6	
	Capital Improvements Program Management	0	0	0	0	5	
	<b>Total Division</b>	<b>73</b>	<b>76</b>	<b>78</b>	<b>79</b>	<b>82</b>	
<b>Financial &amp; Support Services</b>	Finance	5	4	4	5	5	
	Property & Treasury Management	14	14	14	12	12	
	Customer Service	109	111	112	115	122	
	Accounting	13	13	13	14	14	
	Purchasing & Contract Administration	11	11	11	11	11	
	Meter Repair Shop	13	14	14	14	14	
	Warehouse	9	9	9	8	8	
	<b>Total Division</b>	<b>174</b>	<b>176</b>	<b>177</b>	<b>179</b>	<b>186</b>	
<b>Information Technology</b>	Information Technology	39	43	47	49	52	
	Instrumentation and Control	30	30	30	32	32	
	<b>Total Division</b>	<b>69</b>	<b>73</b>	<b>77</b>	<b>81</b>	<b>84</b>	
<b>Operations (Water System)</b>	Water Division Office	2	3	3	3	3	
	Well Production	45	45	46	47	51	
	Canal Water Treatment Plant	21	21	21	21	21	
	Water Distribution	106	109	108	109	115	
	Jonathan Rogers Water Treatment Plant	18	18	18	18	18	
	Upper Valley Water Treatment Plant	13	13	13	13	13	
	Kay Bailey Hutchison Desalination Plant	13	13	13	13	13	
	Reclaimed Water System	0	0	0	0	1	
	<b>Total Division</b>	<b>218</b>	<b>222</b>	<b>222</b>	<b>224</b>	<b>235</b>	
<b>Operations (Wastewater System)</b>	Wastewater Division Office	5	7	7	7	8	
	Wastewater Lift Stations	18	18	18	18	18	
	Wastewater Collection System Maintenance	33	33	33	33	33	
	John T. Hickerson Water Reclamation Facility	18	18	20	20	23	
	Haskell R. Street Wastewater Treatment Plant	29	29	29	29	29	
	Roberto Bustamante Wastewater Treatment Plant	29	29	29	29	29	
	Fred Hervey Water Reclamation Plant	27	27	26	26	26	
	Wastewater System Repair & Construction	20	20	23	24	24	
	Reclaimed Water System	0	0	0	0	0	
	<b>Total Division</b>	<b>179</b>	<b>181</b>	<b>185</b>	<b>186</b>	<b>190</b>	
<b>Operations (Operations Support)</b>	Operations Management	7	7	8	8	8	
	Environmental Compliance/Industrial Pretreatment	16	18	18	10	10	
	Laboratory Services	31	31	32	32	33	
	Code Compliance	0	0	0	8	8	
	Reclaimed Water System	0.75	0.75	0.75	1	0	
	Biosolids Management	0.25	0.25	0.25	0	0	
	Plant Equipment Maintenance	7	7	8	8	12	
	<b>Total Division</b>	<b>62</b>	<b>64</b>	<b>67</b>	<b>67</b>	<b>71</b>	
<b>Operations (Equipment &amp; Facilities Maintenance)</b>	Fleet Maintenance	22.25	22.25	22.34	23.34	28.34	
	Heavy Equipment Operations	42.25	48.25	49.33	49.33	53.33	
	Facilities Maintenance	20.25	20.25	28.33	29.33	29.33	
	<b>Total Division</b>	<b>84.75</b>	<b>90.75</b>	<b>100.00</b>	<b>102.00</b>	<b>111.00</b>	
<b>TOTAL BUDGETED POSITIONS</b>		<b>919.75</b>	<b>941.75</b>	<b>966.00</b>	<b>983.00</b>	<b>1028.00</b>	
<b>TOTAL ACTUAL POSITIONS</b>		<b>790</b>	<b>807</b>	<b>868</b>	<b>803</b>		

\*adjusted for off cycle staffing requests



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Water, Reuse & Wastewater Funds	Adopted Budget	Projected Budget	Proposed Budget	Projected	Projected	Projected	Projected
	FY 2021-22	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
<b>Total Operating and Capital Budget</b>	<b>\$459,591</b>	<b>\$411,792</b>	<b>\$784,923</b>	<b>\$1,011,579</b>	<b>\$888,379</b>	<b>\$670,273</b>	<b>\$512,505</b>
<b>Operating Revenues</b>							
Water Service	135,442	132,297	144,548	160,904	183,960	202,948	211,692
Water Supply Replacement	33,539	33,170	36,698	41,345	47,841	53,414	56,384
Fire Protection	1,339	1,372	1,495	1,660	1,892	2,082	2,165
Reclaimed Water Sales	5,819	4,793	5,224	5,799	6,611	7,272	7,563
<b>Total Water/Reuse Revenues</b>	<b>176,139</b>	<b>171,632</b>	<b>187,965</b>	<b>209,709</b>	<b>240,304</b>	<b>265,716</b>	<b>277,805</b>
<b>Rate Increase - Water</b>	<b>2.0%</b>	<b>2.0%</b>	<b>9.0%</b>	<b>11.0%</b>	<b>14.0%</b>	<b>10.0%</b>	<b>4.0%</b>
<b>Rate Increase - Reuse</b>	<b>6.0%</b>	<b>6.0%</b>	<b>13.0%</b>	<b>11.0%</b>	<b>14.0%</b>	<b>10.0%</b>	<b>4.0%</b>
Wastewater Service	96,441	98,519	111,780	128,528	147,807	165,580	180,524
Pretreatment Surcharges	612	612	678	430	447	499	538
<b>Total Wastewater Revenues</b>	<b>97,053</b>	<b>99,131</b>	<b>112,458</b>	<b>128,958</b>	<b>148,254</b>	<b>166,080</b>	<b>181,062</b>
<b>Rate Increase - Wastewater</b>	<b>2.0%</b>	<b>2.0%</b>	<b>13.0%</b>	<b>15.0%</b>	<b>15.0%</b>	<b>12.0%</b>	<b>9.0%</b>
<b>Misc. Operating Revenues</b>							
Farm Lease Revenues	1,813	1,885	1,813	1,644	1,506	1,392	1,414
Service Charges, Misc. Fees	4,900	3,871	4,900	4,900	4,900	4,900	4,900
City Franchise Fee Revenue - Water Only	6,550	6,550	6,550	6,550	6,550	6,550	6,550
Interest Earnings	500	376	500	500	500	500	500
<b>Total Operating Revenues</b>	<b>286,956</b>	<b>283,445</b>	<b>314,186</b>	<b>352,261</b>	<b>402,014</b>	<b>445,137</b>	<b>472,231</b>
<b>Less Operating Expenses</b>							
O&M Expenses	116,187	106,375	131,243	131,049	132,360	133,684	135,020
City Franchise Fee - Water Only	6,550	6,550	6,550	6,550	6,550	6,550	6,550
<b>Total Operating Expenses</b>	<b>122,737</b>	<b>112,925</b>	<b>137,793</b>	<b>137,599</b>	<b>138,910</b>	<b>140,234</b>	<b>141,570</b>
Farm Lease Expenses	650	201	275	300	300	300	300
<b>Operating Revenues Available</b>	<b>163,569</b>	<b>170,320</b>	<b>176,118</b>	<b>214,361</b>	<b>262,804</b>	<b>304,604</b>	<b>330,360</b>
Sale of Assets	450	67	200	225	250	300	350
Interest Revenue on Restricted Funds	2,000	741	2,000	2,000	2,000	2,000	2,000
<b>Revenues Available for Debt Service</b>	<b>166,019</b>	<b>171,128</b>	<b>178,318</b>	<b>216,586</b>	<b>265,054</b>	<b>306,904</b>	<b>332,710</b>
Existing Debt Service - P & I - Bonds	69,126	69,422	69,488	69,490	68,496	68,465	68,481
Commercial Paper Annual Interest & Issuance Costs	330	250	330	2,678	4,710	5,015	1,638
New Debt Service - P & I - Bonds	2,740	-	13,154	38,606	62,520	81,480	95,155
Annual Contributions to Reserve Fund	1,416	708	2,941	5,800	6,425	5,371	4,576
Payment to City - Water Only	17,680	16,304	18,847	21,005	23,791	26,163	27,514
<b>Revenue Before Misc. Non-Operating Revenue</b>	<b>74,726</b>	<b>84,444</b>	<b>73,559</b>	<b>79,008</b>	<b>99,112</b>	<b>120,410</b>	<b>135,347</b>
<b>Misc. Non-Operating Revenues</b>							
Impact Fees	2,270	2,190	2,270	2,000	2,000	2,000	2,000
Contribution of New Customers	3,300	2,360	3,300	3,300	3,300	3,300	3,300
Land Sales	10,000	3,086	10,000	10,000	5,000	2,000	5,000
Annexation Fees	950	446	950	880	800	750	700
<b>Total Misc. Non-Operating Revenues</b>	<b>16,520</b>	<b>8,082</b>	<b>16,520</b>	<b>16,180</b>	<b>11,100</b>	<b>8,050</b>	<b>11,000</b>
<b>Total Rev. Avail. For Capital Rehab/Impr.</b>	<b>91,246</b>	<b>92,526</b>	<b>90,079</b>	<b>95,188</b>	<b>110,212</b>	<b>128,460</b>	<b>146,347</b>
<b>Capital Expenses</b>							
Capital Projects	237,499	207,474	533,251	728,825	575,918	335,903	165,896
Capital Equipment	4,508	4,508	5,564	4,000	4,000	4,000	4,000
<b>Total Capital Expenses</b>	<b>242,007</b>	<b>211,982</b>	<b>538,815</b>	<b>732,825</b>	<b>579,918</b>	<b>339,903</b>	<b>169,896</b>
Contingencies	2,905	0	3,281	3,276	3,309	3,342	3,376
<b>(Deficiency) To Be Funded By Debt, Grants Or Construction Funds</b>	<b>(153,666)</b>	<b>(119,456)</b>	<b>(452,017)</b>	<b>(640,913)</b>	<b>(473,015)</b>	<b>(214,785)</b>	<b>(26,924)</b>
New Bond Issues & Commercial Paper	81,187	81,187	612,778	534,100	481,500	211,400	16,300
Grants	11,290	10,004	8,254	1,000	900	900	900
Construction Fund	39,178	50,000	36,631	4,238	25,000	15,000	50,000
Transfer to / from Reuse Fund to Water Fund	0	0	0	0	0	0	0
Transfer from / (to) Restricted Funds	0	0	(126,373)	0	0	0	0
Transfers from / (to) Water Supply Reserve	(10,000)	(3,086)	(10,000)	(10,000)	(5,000)	(2,000)	(5,000)
<b>Increase / Decrease In Fund Balance</b>	<b>(32,011)</b>	<b>18,649</b>	<b>69,273</b>	<b>(111,575)</b>	<b>29,385</b>	<b>10,515</b>	<b>35,276</b>
<b>Debt Service Coverage Results - Target 2.00</b>	<b>2.31</b>	<b>2.47</b>	<b>2.16</b>	<b>2.00</b>	<b>2.02</b>	<b>2.05</b>	<b>2.03</b>

Note: This financial plan is not approved by the Public Service Board, but is used as a guide for financial purposes

## **FIVE-YEAR FINANCIAL PLAN**

A five-year financial plan is prepared that incorporates best estimates of operating, debt service and capital expenditures over the near-term and projected revenue sources and future revenue requirements. This plan is a guide for management and the Public Service Board to assess and review as it addresses current budget proposals and in considering Utility water, wastewater and reclaimed water initiatives and the short and long-term impact such initiatives will have on the financial condition of the Utility.

### **Increases in Operating Expenses and Capital Improvement Plan (CIP) Expenditures**

The five-year plan includes Operations and Maintenance (O&M) expenses for new infrastructure being placed into service. For fiscal year 2022-2023 there was an increase of \$15.1 million made to the O&M budget mainly due to increases of \$3.5 million in maintenance expense, \$10.9 million in miscellaneous expenses mainly due to an increase of \$8.9 million in professional services, and \$2.2 million in personnel costs due to salary adjustments and an addition of 45 new positions and offset by a decrease utilities of \$1.1 million. CIP Expenditures of \$538.8 million in FY 2022-2023 increased by \$301.3 million over the previous year. The CIP budget includes a sizable funding increase as a response to the aftermath of the recent monsoon season and the Frontera wastewater emergency which have driven a reprioritization and acceleration of projects, and an increased overall investment to aging infrastructure to ensure reliability.

### **Alternative Revenue Sources**

The five-year plan includes several assumptions regarding additional revenue sources. The FY 2022-2023 CIP budget includes new funding of \$724.24 million including \$466.2 million in new bond issues and \$146.6 million of Commercial Paper for interim financing of water and wastewater projects. In addition, all net proceeds from land sales will be deposited in a restricted reserve fund for future water supply projects including the Kay Bailey Hutchison Desalination Plant expansion, direct potable water projects and the importation of water from areas outside El Paso County. The anticipated sale of land currently owned by the Utility will be a source of revenue for years to come. For FY 2022-2023, \$10 million in land sales are budgeted, with \$10 million projected in the following year. The City of El Paso adopted water and wastewater impact fees in May 2009, we anticipate collecting \$2.3 million in impact fees in FY 2022-2023 and an additional \$8 million in the following four years.

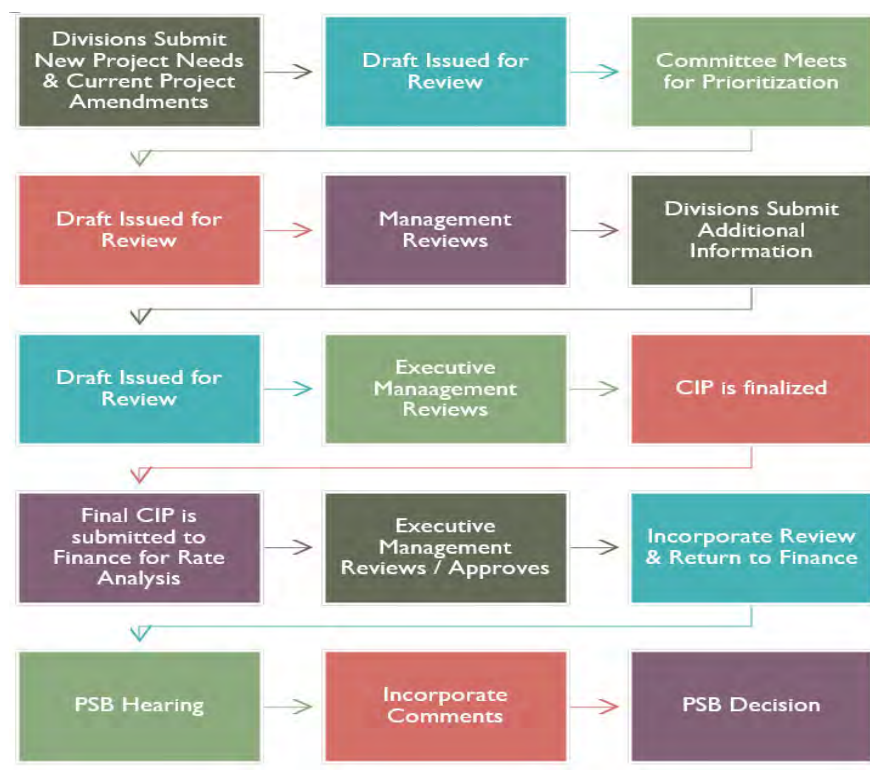
# CAPITAL IMPROVEMENTS

## CAPITAL IMPROVEMENTS BUDGET SCHEDULE AND PROCESS

The following is a typical schedule for the development of a CIP budget:

- ❑ March 1 – fiscal year begins
- ❑ June to September – strategic planning updates to the 10-year capital plan
- ❑ May to September – peak consumption months for EPWater customer demand
- ❑ September – six month operating results distributed to each section manager so sections can begin planning for the upcoming fiscal year beginning next March
- ❑ October – surface water production ends (mid-month) and water treatment plants shut down except in times of drought
- ❑ October – sections submit operating budget requests
- ❑ October – internal budget conferences begin between the Sections and Management /Finance
- ❑ November – Management approves preliminary capital and operating budget requests
- ❑ November/December – budget workshops in which the PSB reviews the budget requests and the public can comment
- ❑ January – PSB approves and adopts the final combined operating and capital budget for the fiscal year beginning next March 1

This flowchart graphically represents the entire capital budgeting process:



## BUDGET TRENDS IN FY 2021 – 2022



An unprecedented crisis for the Utility hit summer 2021, with the Frontera Wastewater Emergency. Beginning August 13, the Utility sustained multiple breaks in major wastewater pipelines in West El Paso – which, on average, carry about 10 million gallons of wastewater from the area daily. With the additional breaks and wastewater backups in a low-lying Upper Valley neighborhood, the decision was made to divert wastewater to the Rio Grande in late August to avoid continued backups into homes, businesses and neighborhoods.

The Utility implemented mitigation plans to divert wastewater out of the Rio Grande to the Roberto Bustamante Wastewater Treatment Plant in the Lower Valley and Haskell R. Street Wastewater Treatment Plant in South-Central El Paso. After treatment, clean water is discharged back into the Rio Grande. The installation of the new line was completed in December and the commissioning of the line was completed in January 2022 and discharge to the river was halted.

Of the estimated \$202.4 million to be invested in plant and system improvements and additions in FY 2021-2022, the Utility estimates spending:

- \$16.3 million in water treatment facilities improvements and rehabilitation
- \$29.0 million for new distribution water lines and rehabilitation of existing water infrastructure
- \$17.4 million to construct new storage tanks and structural improvements to existing reservoirs
- \$16.3 million to start with the construction of a new Customer Service and Field Operations Building with a total cost estimated at \$23.6 million.
- \$7.0 million for a new Customer Information System to be implemented by March 2022 with an estimated cost of \$22.0 million.

On the wastewater side, the Utility estimates spending:

- \$36.9 million in new collection systems and pumping facilities
- \$39.7 million in upgrades and rehabilitation of wastewater treatment plants including \$16.6 million for the Roberto Bustamante Wastewater Treatment Plant upgrades

The following are examples of completed or ongoing capital projects during FY 2021-2022:



## FY 2022 – 2023: MEETING FUTURE DEMANDS

For water and wastewater, assessments of our systems point to major rehabilitation needs. Our budget for capital improvements will grow from \$237.5 million this year to \$538.8 million next year. Half of that will be dedicated to necessary rehabilitation. The \$538.8 million capital budget includes \$533.2 million of projected expenditures for water, reclaimed water and wastewater infrastructure projects, \$5.6 million for equipment, and \$10.5 million of budgeted project overhead. The capital budget continues to address acquisition of additional water sources, rehabilitation of water and wastewater infrastructure, and new water, wastewater and reclaimed water facilities to meet future demand. To meet the demands of growth both inside and outside the city, several projects are included in the FY 2022-2023 capital budget.

Major water projects budgeted for the fiscal year include:

- \$97.7 million for the installation and replacement of water distribution lines throughout the city;
- \$17.6 million for the construction of storage tanks and reservoir improvements;
- \$32.6 million for water treatment facilities improvements including \$10.8 million for the Kay Bailey Hutchison Desalination Facility Improvements;
- \$8.6 million of design, land acquisition and pre-construction services for the new headquarter building, that is estimated to be completed by FY 2024-2025 with an estimated total cost of \$40.2 million; and
- \$50.2 million for the initial planning and implementation of energy redundancy, storage resiliency and weatherization of critical water infrastructure to comply with Texas Senate Bill 3 which addresses preparedness for extreme weather emergencies.

Major wastewater projects for the fiscal year include:

- \$124.3 million for improvements to wastewater treatment plants including \$59.7 million for upgrades, rehabilitation and plant expansion of the Roberto R. Bustamante Wastewater Treatment Plant;
- \$60.9 million for the installation, replacement and relocation of wastewater lines including \$6.4 million for the Frontera Force Main line replacement project; and
- \$19.0 million for lift station improvements.

The following are examples of capital projects that will start or will be completed during FY 2022-2023:

Securing our Water Future

### Moving forward with construction on new water supplies



- Aquifer Storage and Recovery: Excavation and construction of *Enhanced Arroyo* for water infiltration to replenish the Hueco Bolson aquifer
- KBH expansion: construction of source augmentation pipeline
- Advanced Water Purification Facility: Finalize design; construction planned for 2023



## Expanding well capacity

Groundwater sources are the backbone of our water system and need continued care to meet water demands.

- Rehabilitating existing wells
- Drilling new wells



## Projects to meet the needs of growing areas

### Pump Stations

- Redd Road
- Ranchos Real

### Conveyance

- Montana East
- Tierra del Este Road
- John Hayes Street
- Mountain Park
- Franklin East phase 2
- Canutillo Upper Valley
- Upper Valley - Borderland
- Sean Haggerty Drive



## Water pipeline rehabilitation and replacements

- Valve rehabilitation
- Waterline protection (gas line crossings)
- Various citywide pipeline replacement
  - Rosa Street
  - Sheridan Road / Gateway North Blvd.
  - Hondo Pass Drive
  - Dyer Street
  - Airport well field collector line
  - Portland Avenue
- Relocations for stormwater projects



## Improvements to wastewater pipeline integrity

- Valve rehabilitation
- Various citywide pipeline replacement
  - Zaragoza Road – Roseway Drive to Rabe Court
  - Seneca Street
  - Hondo Pass Drive
  - Luckett Court
  - Frontera force main phase 2
  - Boone Street



## Rehabilitation of water storage facilities

Water storage tanks receive water from wells or water production plants, which is placed in inventory and used during peak demand cycles.

- Cielo Vista
- Eastwood
- High Chaparral
- Woods



## Improvements to water treatment plants



Canal Plant

Structural Rehabilitation



Rogers Plant

Backup Generators



KBH Desalination Plant

Pump replacement



## Reliability

## Wastewater pump stations ensure conveyance to treatment plants

- Country Club
- Sunset
- Sierra Crest
- Frontera
- Alfalfa



## Reliability

## Upgrades to wastewater treatment plants

### Roberto R. Bustamante Plant

Headworks, Grit & Screens

Backup Generators

Digesters

HVAC

### Haskell R. Street Plant

Fats, Oil & Grease System

Chemical Scrubbers

Backup Generators

### John T. Hickerson Plant

DAFT

Odor Control Equipment

Backup Generators

UV System

### Fred Hervey Plant

Lime Clarifiers

Denitrification Mixer

Backup Generators

## Modernization

## Upgrading technology for improved service and efficiency

- Customer Information System implementation
- Financial system upgrades
- Human Resources systems upgrades
- Document management
- Enhanced security



**Modernization**

## Upgrade technology for improved accuracy, safety, and conservation

- Install 20,000 smart meters to replace traditional meters as part of a multi-phase, multi-year initiative that will automate meter reading, improve safety, and provide leak detection on service lines
- SCADA upgrades for Jonathan Rogers Water Treatment Plant



**Securing our Water Future**

## Moving forward with construction on new water supplies



- Aquifer Storage and Recovery: Excavation and construction of *Enhanced Arroyo* for water infiltration to replenish the Hueco Bolson aquifer
- KBH expansion: construction of source augmentation pipeline
- Advanced Water Purification Facility: Finalize design; construction planned for 2023

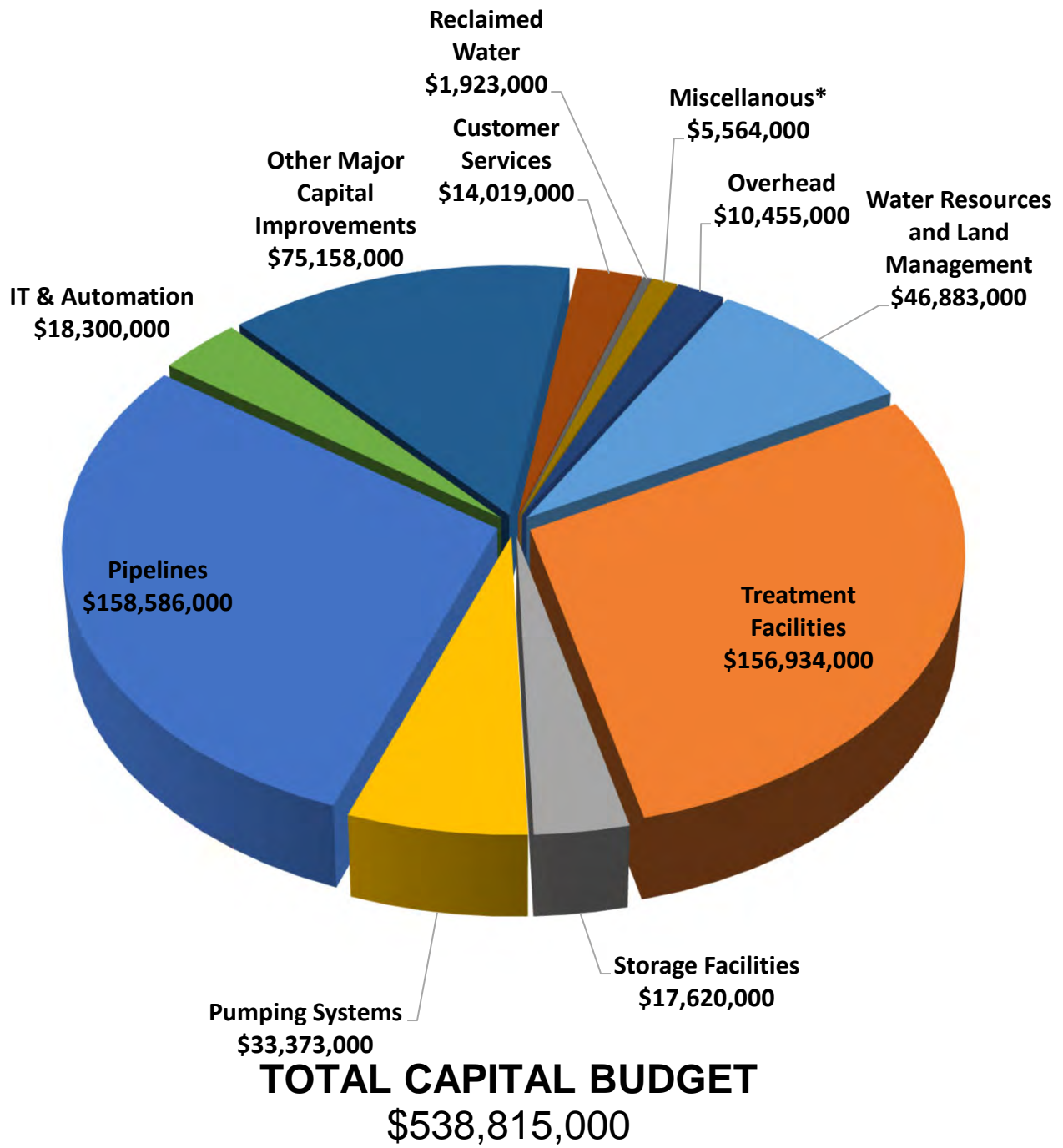
The Utility continues to be aggressive in applying and successfully receiving state and federal grants to partially fund major capital projects. The following are projects that are funded in part by state and federal grants:

- The Utility received funding of a \$2.0 million grant from the Bureau of Reclamation's WaterSMART Desalination Construction Program. In addition, the Texas Military Preparedness Commission (TMPC) awarded a Defense Economic Adjustment Assistance Grant of \$2.1 million to the City of El Paso to expand the infrastructure at the Kay Bailey Hutchinson (KBH) Desalination Plant. The Blend Well Collector Pipeline Project (Part A of the expansion plan) will enable the construction of a pipeline to deliver source water approximately 6.6 miles to the KBH Plant. This project is part of a multiyear program for our Kay Bailey Hutchison Desalination Plant expansion project, which will increase water production up to 33.5 million gallons per day.

- A \$3.5 million Title XVI grant will advance the design of our Advanced Water Purification Facility, which will supplement our water supply by transforming treated wastewater into fresh drinking water and deliver it directly to customers. We will continue to pursue grants to provide at least partial funding for construction of the estimated \$130 million facility.
- On January 25, 2021, Texas Governor Greg Abbott announced new funding for the City of El Paso in the amount \$4.5 million for the Aquifer Storage and Recharge (ASR) project supporting Fort Bliss from the TMPC Defense Economic Adjustment Assistance Grant (DEAAG) program. The DEAAG funding will help construct the Enhanced Arroyo Project, which is Phase 1 (Parts A and B) of a \$9 million infiltration infrastructure project. The estimated total cost of the multi-phase ASR project is \$44.7 million.



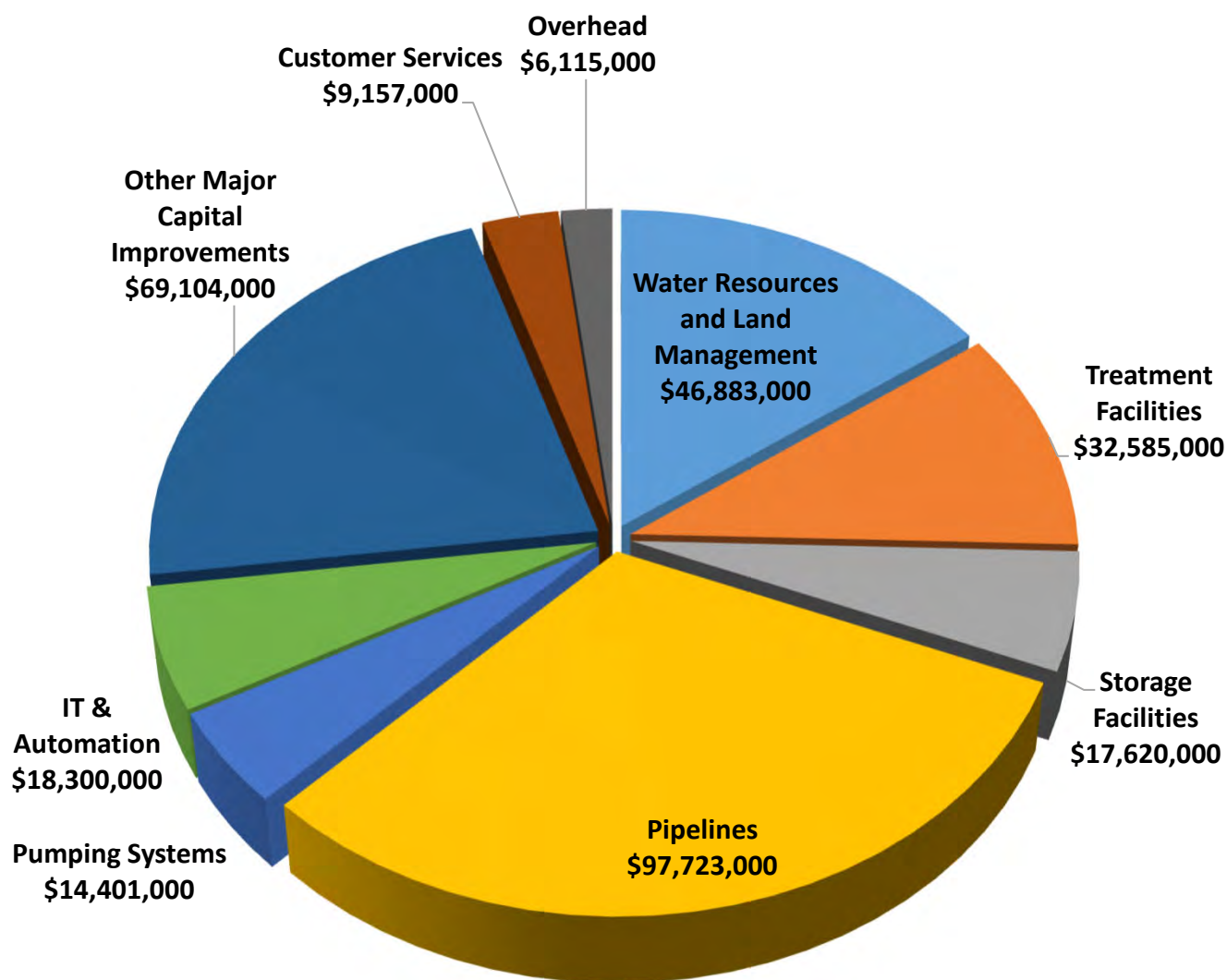
**FY 2022-2023**  
**CAPITAL BUDGET SUMMARY**  
 Combined Water + Wastewater+Miscellaneous\*  
 Projected Expenditures



\*Vehicle and equipment cost



**FY 2022-2023**  
**CAPITAL BUDGET SUMMARY**  
Projected Water Expenditures



**TOTAL WATER CAPITAL BUDGET**  
**\$311,888,000**

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Item #	Project	FY 2022-2023 Projected Expenditures	FY 2022-2023 Funding Request	PROPOSED FUNDING SOURCES FOR NEW MONEY PROJECTS						
				IMP	WSRC IMP	IMPACT FEE	CP	GRANT	BONDS	CIA
WATER SYSTEM IMPROVEMENT										
WATER SUPPLY FACILITIES		46,883,000	24,935,000							
W010000	New Well Construction, Equipping, and Testing	8,317,000	253,000		253,000					
W010002	Advanced Water Purification	765,000	575,000		575,000					
W010004	Northeast Aquifer Storage & Recovery	5,595,000	-							
W010005	Water Rights Including Land Acquisitions	2,000,000	1,866,000		1,866,000					
W010008	Well Rehabilitation Operations	14,970,000	16,287,000		16,287,000					
W010011	Optimization of Lower Valley Wellhead RO Systems	677,000	430,000		430,000					
W010014	Riverside International Industrial Center Improvements	14,309,000	5,524,000				5,524,000			
W010015	Water Production Well Blow-off Metering Program	250,000	-							
STORAGE		17,620,000	16,020,000							
W020000	Routine Tank Rehabilitation	500,000	500,000	500,000						
W020002	EPWater Elevated Water Storage Tanks	120,000	-							
W020006	North Hills Tank Interior Coating Rehabilitation	60,000	730,000				730,000			
W020007	Sunset Tank Rehabilitation	450,000	-							
W020008	Heath De Leon Tank	100,000	-							
W020012	Vinton (Westway) 1.25MG Tank	2,300,000	-							
W020013	Rosemont Tank 2.5MG Tank	341,000	-							
W020015	Ranchos Real 2MG Tank	510,000	-							
W020016	Zaragosa C Elevated Tanks & Air Treatment Units	850,000	-							
W020017	Cielo Vista Tank Improvements	550,000	1,634,000				1,634,000			
W020018	Mountain Park #1C Tank	215,000	-							
W020020	Eastwood Reservoir Roof Improvements	991,000	2,633,000				2,633,000			
W020021	High Chaparral 3.5MG Reservoir Rehabilitation	740,000	3,850,000						3,850,000	
W020022	Redd Road 4MG Reservoir Rehabilitation	3,220,000	-							
W020023	Franklin East #1B 3MG Ground (IF)	300,000	-							
W020025	Pico Norte Elevated Tank	100,000	-							
W020026	Ridgecrest Tank 2MG	2,300,000	2,300,000				2,300,000			
W020027	East High PZ/Loma Real Distribution Tank	350,000	350,000				350,000			
W020029	Cedar Oak 5MG Tank	300,000	300,000				300,000			
W020031	Transmountain NW 1A Tank 4MG (IF)	350,000	350,000	207,000			143,000			
W020032	Transmountain NW 2A Tank 3MG (IF)	382,000	482,000	482,000						
W020035	Zaragosa Tank Rehabilitation	90,000	-							
W020036	Festival 2 Reservoir Rehabilitation	810,000	810,000	810,000						
W020037	Woods Reservoir Rehabilitation	1,061,000	1,281,000				1,281,000			
W020038	SB3 Storage System Redundancy	600,000	800,000				800,000			
W020039	Sierra Crest 1, Sierra Crest 2 & Mountain Park 2 Tank Rehabilitation	30,000	-							
PUMPING SYSTEMS		14,401,000	19,430,000							
W030000	Various Valve & Pump Station Replacements	685,000	-							
W030001	Heath De Leon Pump Station	56,000	-							
W030002	Primary Meter Wells Pump Station Improvements	210,000	-							
W030003	North 2 11.8 MGD Pump Station	1,000,000	-							
W030004	Airport Booster Station Replacement Program	5,520,000	11,020,000						11,020,000	
W030007	Canutillo Pump Station Chlorine Scrubber System Upgrades	100,000	-							
W030008	PolyOrthoPhosphate Treatment Units	3,100,000	-							
W030010	Joe Caro Pump Station	30,000	-							
W030014	Redd Road Pump Station Upgrades	1,130,000	3,000,000				3,000,000			
W030015	Montana East Pump Station @ Ranchos Real	640,000	3,440,000				3,440,000			
W030016	CCC1 PZ Improvements - Pumping Systems	1,010,000	800,000				800,000			
W030017	McGreggor Range BS- at Franklin East	300,000	300,000				300,000			
W030019	Transmountain NW #1 (IF)	200,000	-							
W030020	Artcraft #2- 4.5MGD+1.5MGD WMP	70,000	570,000				570,000			
W030022	Loma Real Pump Station 5MGD Ph II (IF)	300,000	300,000				300,000			
W030025	Lindbergh Booster Station Improvements	50,000	-							

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Item #	Project	FY 2022-2023 Projected	FY 2022-2023 Funding	PROPOSED FUNDING SOURCES FOR NEW MONEY PROJECTS						
		Expenditures	Request	IMP	WSRC IMP	IMPACT FEE	CP	GRANT	BONDS	CIA
CONVEYANCE		97,723,000	153,133,000							
W040001	City of El Paso CDB Paving Projects	6,035,000	3,944,000				3,944,000			
W040002	TXDOT Roadway Improvement Projects	12,397,000	18,125,000				12,055,000		6,070,000	
W040003	Routine Pipeline Replacement	5,497,000	1,558,000	1,558,000						
W040004	Central Business District Ph IV	1,100,000	848,000	848,000						
W040008	Montana East Supply Waterlines	10,155,000	14,001,000						14,001,000	
W040010	Eastside Planned Service Area (IF)	4,550,000	8,466,000				8,466,000			
W040012	Upper Valley - Strahan/Borderland Water Transmission Mains (IF)	2,988,000	22,588,000			1,000,000			21,588,000	
W040014	Sunset Heights	725,000	652,000				652,000			
W040015	Westway/Vinton 16" Water Main Upgrades	680,000	-							
W040016	EDA Northwest Development Waterline Extension	1,500,000	562,000				562,000			
W040017	Westway Waterline Extension (IH-10 to Applewood)	100,000	-							
W040018	Citywide Large Diameter Waterline Replacement	1,200,000	985,000	985,000						
W040019	Pipeline Protection Program	6,000,000	9,554,000				1,088,000		8,466,000	
W040020	Rapid Transit System Program	110,000	-							
W040021	Rosa Street 16" (UMC) Installation	385,000	4,055,000						4,055,000	
W040022	Dead End Mains Elimination Program	500,000	500,000	500,000						
W040027	Mesa 24" Waterline Phase III, Crestmont to Fiesta Tank	1,095,000	3,276,000				3,276,000			
W040028	Mountain Park #1 Pump Station to #2 Waterline	3,225,000	3,297,000				3,297,000			
W040029	Stormwater Utilities Relocation - Water	1,830,000	1,736,000				1,736,000			
W040030	Montana Avenue Waterline Replacement (Dallas to Cotton)	150,000	-							
W040033	Westwind/IH-10/Resler 24" Water Main	200,000	-							
W040035	Pressure Zone Improvements	656,000	2,056,000				2,056,000			
W040037	Delta Street Rehabilitation	550,000	2,200,000				2,200,000			
W040038	Dyer Pipeline Trenchless Replacement - Phase II	600,000	3,200,000				3,200,000			
W040039	Fred Miller Pump station 36" to 54" to IH-10 (SHD B 4061)	600,000	496,000				496,000			
W040040	Northwest Master Plan Area Water Main Extensions (IF)	900,000	900,000				900,000			
W040041	Northeast Master Plan Area Water Main Extensions	1,635,000	744,000				744,000			
W040042	Portland 24" Cast Iron Waterline Replacement Phase II	1,080,000	2,325,000				2,325,000			
W040044	Zaragosa 36" Transmission Line to Zaragosa C Tank	250,000	-							
W040045	Franklin East 24" Waterline extension IF	2,006,000	4,693,000						4,693,000	
W040047	Ascarate 8" Water Main Replacement	260,000	1,997,000				1,997,000			
W040048	North Desert Blvd. 16" Water Main Replacement	351,000	351,000				351,000			
W040049	City of El Paso CID Projects Waterline Relocations	915,000	-							
W040050	Airport Well Collector 30" Main Replacement	4,033,000	8,627,000						8,627,000	
W040051	Westside/La Union 16"	180,000	180,000	180,000						
W040052	Canutillo Upper Valley Transmission Main Northwest Phase IV (IF)	696,000	5,133,000						5,133,000	
W040053	Northeast Franklin Water System (IF)	4,750,000	1,495,000				1,495,000			
W040054	Sheridan/Gateway North 16" Waterline Replacement	3,110,000	3,287,000				3,287,000			
W040055	Hondo Pass - US54 to Railroad Street Waterline Replacement	600,000	3,843,000				3,843,000			
W040057	Mountain Park One 24" Water Main Extension	100,000	-							
W040058	Northwest Water Distribution Mains - High Plains	3,850,000	-							
W040060	Pershing 16" Phase III (Alta to Altura)	200,000	-							
W040062	Turner to Vista Hills Trans Main 48" (MAPZ)	500,000	500,000				500,000			
W040063	McGregor Range Water Transmission Main 16"	250,000	300,000				300,000			
W040064	Heath de Leon from PS to Festival Tank Waterline 30"	600,000	750,000				750,000			
W040066	Rosemont 24" Water Main Extension	150,000	-							
W040067	Canutillo Heights Subdivision Water Main Replacement	50,000	-							
W040068	Planned Waterline Replacement	7,114,000	14,664,000				6,664,000		8,000,000	
W040069	Bob Hope Drive Extension	120,000	-							
W040070	McCombs Well Collector Replacement	500,000	500,000				500,000			
W040071	Pecos St Waterline Replacement	100,000	-							
W040075	Serene Acres Water System	245,000	245,000							245,000
W040076	Air Release Valve Rehabilitation	350,000	500,000	500,000						

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		Expenditures	Request	IMP	WSRC IMP	IMPACT FEE	CP	GRANT	BONDS	CIA
CUSTOMER SERVICE		9,157,000	6,780,000							
W060000	Meter Replacement Program	5,500,000	4,525,000	4,525,000						
W060001	Master Meter Rehabilitation	52,000	-							
W060002	Meters - New Customers	1,105,000	1,105,000	1,105,000						
W060005	Fire Hydrants	200,000	-							
W060006	Supplement for Oversize Lines	1,000,000	-							
W060007	Supplement for Individual Payments	350,000	350,000	350,000						
W060008	Extension from Contribution Payments	100,000	-							
W060009	Taps Paid from Contribution Payments	50,000	-							
W060010	Participation Agreements	800,000	800,000	800,000						
INFORMATION TECHNOLOGY & AUTOMATION		18,300,000	12,396,000							
W070000	Information Technology -Software	12,532,000	8,665,000				8,665,000			
W070001	Process Automation (SCADA)	4,143,000	2,259,000				2,259,000			
W070002	Information Technology Hardware	1,325,000	972,000	972,000						
W070003	Process Automation (SCADA) - Dell City	300,000	500,000	500,000						
OTHER MAJOR CAPITAL PROJECTS		69,104,000	116,201,000							
W080001	Central Lab Upgrades	224,000	-							
W080002	Field Operation Yards	212,000	-							
W080003	Emergency Backup Power	400,000	-							
W080004	Rehabilitation of PSB Properties	2,147,000	2,147,000	2,147,000						
W080005	Security Upgrades-Water Facilities	100,000	-							
W080006	TechH2O Center Improvements	325,000	325,000	325,000						
W080007	Airport & Wellfield Improvements	2,136,000	-							
W080008	Water Facility Beautification	420,000	416,000	416,000						
W080009	Energy Management Master Plan	1,425,000	1,743,000	1,743,000						
W080016	International Quality Water Lab HVAC System Improvements	150,000	-							
W080032	Farm Capital Expenditures	245,000	-							
W080033	EPWater Headquarters New Building	8,550,000	10,000,000						10,000,000	
W080035	Plant Equipment Maintenance Shop	1,520,000	-							
W080018	Southside Road Access Improvements	1,100,000	1,320,000				1,320,000			
W080024	SB3 Energy Systems Upgrades	50,150,000	100,250,000				250,000		100,000,000	
TREATMENT		32,585,000	29,766,000							
W090000	Kay Bailey Hutchison Desalination Facility Improvements	10,770,000	1,754,000				1,754,000			
W090001	Jonathan Rogers WTP Improvements & Rehabilitation	7,320,000	13,208,000						13,208,000	
W090002	Canal WTP Improvements & Rehabilitation	6,805,000	7,068,000						7,068,000	
W090004	Plant Miscellaneous Small Improvements & Rehabilitation	2,488,000	2,488,000	2,488,000						
W090005	Plant Emergency Rehabilitation & Upgrades	950,000	463,000	463,000						
W090006	Disinfection By Product Management Program	1,335,000	2,195,000	2,195,000						
W090007	Granular Activated Carbon	2,300,000	2,000,000	2,000,000						
W090008	Iron Media Replacement	300,000	590,000	590,000						
W090009	Surface Injection Facilities	317,000	-							
TOTAL WATER		305,773,000	378,661,000	27,189,000	19,411,000	1,000,000	103,283,000	1,754,000	225,779,000	245,000

<b>PROGRAM:</b>	<b>New Well Construction, Equipping, and Testing</b>	<b>W010000</b>
<b>PROGRAM CATEGORY</b>	WATER SUPPLY FACILITIES	
<b>DESCRIPTION</b>	Drilling and/or equipping of new wells for additional water supply.	
<b>Total Funding Request</b>	\$253,000	
<b>Funding Sources</b>	WSRC IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$8,317,000	
<b>Total Project Cost</b>	\$39,992,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Advanced Water Purification</b>	<b>W010002</b>
<b>PROGRAM CATEGORY</b>	WATER SUPPLY FACILITIES	
<b>DESCRIPTION</b>	Design of Advanced Water Purification Plant.	
<b>Total Funding Request</b>	\$575,000	
<b>Funding Sources</b>	WSR IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$765,000	
<b>Total Project Cost</b>	\$126,765,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Water Rights Including Land Acquisitions</b>	<b>W010005</b>
<b>PROGRAM CATEGORY</b>	WATER SUPPLY FACILITIES	
<b>DESCRIPTION</b>	Planning and funds for Water Rights and Land Acquisitions.	
<b>Total Funding Request</b>	\$1,866,000	
<b>Funding Sources</b>	WSRC IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$2,000,000	
<b>Total Project Cost</b>	\$11,000,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM:</b>	<b>Well Rehabilitation Operations</b>	<b>W010008</b>
<b>PROGRAM CATEGORY</b>	WATER SUPPLY FACILITIES	
<b>DESCRIPTION</b>	Rehabilitation of existing wells and miscellaneous pumping systems.	
<b>Total Funding Request</b>	\$16,287,000	
<b>Funding Sources</b>	WSRC IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$14,970,000	
<b>Total Project Cost</b>	\$87,935,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Optimization of Lower Valley Wellhead RO Systems</b>		<b>W010011</b>
<b>PROGRAM CATEGORY</b>	WATER SUPPLY FACILITIES	
<b>DESCRIPTION</b>	Planning and design for Optimization of Lower Valley Wellhead RO Systems.	
<b>Total Funding Request</b>	\$430,000	
<b>Funding Sources</b>	WSRC IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$677,000	
<b>Total Project Cost</b>	\$2,740,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Riverside International Industrial Center Improvements</b>		<b>W010014</b>
<b>PROGRAM CATEGORY</b>	WATER SUPPLY FACILITIES	
<b>DESCRIPTION</b>	Installation of water, wastewater, stormwater, roadway and general infrastructure for the development of the Riverside International Industrial Center.	
<b>Total Funding Request</b>	\$5,524,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$14,309,000	
<b>Total Project Cost</b>	\$17,609,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Routine Tank Rehabilitation</b>		<b>W020000</b>
<b>PROGRAM CATEGORY</b>	STORAGE	
<b>DESCRIPTION</b>	Construction funds for routine tank rehabilitation.	
<b>Total Funding Request</b>	\$500,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$500,000	
<b>Total Project Cost</b>	\$5,000,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: North Hills Tank Interior Coating Rehabilitation</b>		<b>W020006</b>
<b>PROGRAM CATEGORY</b>	STORAGE	
<b>DESCRIPTION</b>	Construction funds for North Hills Tank interior coating rehabilitation.	
<b>Total Funding Request</b>	\$730,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$60,000	
<b>Total Project Cost</b>	\$750,000	
<b>Impact on Operating Budget</b>	No	



<b>PROGRAM: Cielo Vista Tank Improvements</b>		<b>W020017</b>
<b>PROGRAM CATEGORY</b>	STORAGE	
<b>DESCRIPTION</b>	Construction of Cielo Vista ground tanks improvements.	
<b>Total Funding Request</b>	\$1,634,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$550,000	
<b>Total Project Cost</b>	\$8,310,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Eastwood Reservoir Roof Improvements</b>		<b>W020020</b>
<b>PROGRAM CATEGORY</b>	STORAGE	
<b>DESCRIPTION</b>	Design and construction of Eastwood Reservoir Roof Improvements.	
<b>Total Funding Request</b>	\$2,633,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$991,000	
<b>Total Project Cost</b>	\$2,641,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: High Chaparral 3.5MG Reservoir Rehabilitation</b>		<b>W020021</b>
<b>PROGRAM CATEGORY</b>	STORAGE	
<b>DESCRIPTION</b>	Design and construction of High Chaparral 3.5MG reservoir coating rehabilitation.	
<b>Total Funding Request</b>	\$3,850,000	
<b>Funding Sources</b>	BONDS	
<b>FY 2022-2023 Projected Expenditures</b>	\$740,000	
<b>Total Project Cost</b>	\$3,850,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Ridgecrest Tank 2MG</b>		<b>W020026</b>
<b>PROGRAM CATEGORY</b>	STORAGE	
<b>DESCRIPTION</b>	Land acquisition and design of Ridgecrest (Aldea) Tank (2MG).	
<b>Total Funding Request</b>	\$2,300,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$2,300,000	
<b>Total Project Cost</b>	\$5,600,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>East High PZ/Loma Real Distribution Tank</b>	<b>W020027</b>
<b>PROGRAM CATEGORY</b>	STORAGE	
<b>DESCRIPTION</b>	Planning and design for East High PZ / Loma Real Distribution Tank.	
<b>Total Funding Request</b>	\$350,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$350,000	
<b>Total Project Cost</b>	\$7,550,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Cedar Oak 5MG Tank</b>	<b>W020029</b>
<b>PROGRAM CATEGORY</b>	STORAGE	
<b>DESCRIPTION</b>	Design of Cedar Oak 5MG Tank (Airport PZ).	
<b>Total Funding Request</b>	\$300,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$300,000	
<b>Total Project Cost</b>	\$4,370,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Transmountain NW 1A Tank 4MG (IF)</b>	<b>W020031</b>
<b>PROGRAM CATEGORY</b>	STORAGE	
<b>DESCRIPTION</b>	Design of Transmountain NW 1A 4MG Tank.	
<b>Total Funding Request</b>	\$350,000	
<b>Funding Sources</b>	IMP – \$207,000 CP – \$143,000	
<b>FY 2022-2023 Projected Expenditures</b>	\$350,000	
<b>Total Project Cost</b>	\$5,300,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Transmountain NW 2A Tank 3MG (IF)</b>	<b>W020032</b>
<b>PROGRAM CATEGORY</b>	STORAGE	
<b>DESCRIPTION</b>	Planning and design of Transmountain NW 2A 3MG Tank.	
<b>Total Funding Request</b>	\$482,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$382,000	
<b>Total Project Cost</b>	\$3,452,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Festival 2 Reservoir Rehabilitation</b>	<b>W020036</b>
<b>PROGRAM CATEGORY</b>	STORAGE	
<b>DESCRIPTION</b>	Construction of Festival 2 Reservoir Rehabilitation.	
<b>Total Funding Request</b>	\$810,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$810,000	
<b>Total Project Cost</b>	\$810,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM:</b>	<b>Woods Reservoir Rehabilitation</b>	<b>W020037</b>
<b>PROGRAM CATEGORY</b>	STORAGE	
<b>DESCRIPTION</b>	Design and construction of Woods Reservoir Rehabilitation.	
<b>Total Funding Request</b>	\$1,281,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$1,061,000	
<b>Total Project Cost</b>	\$1,281,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM:</b>	<b>SB3 Storage System Redundancy</b>	<b>W020038</b>
<b>PROGRAM CATEGORY</b>	STORAGE	
<b>DESCRIPTION</b>	Land acquisition and design of Sunset 3 Reservoir.	
<b>Total Funding Request</b>	\$800,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$600,000	
<b>Total Project Cost</b>	\$4,100,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Airport Booster Station Replacement Program</b>	<b>W030004</b>
<b>PROGRAM CATEGORY</b>	PUMPING SYSTEMS	
<b>DESCRIPTION</b>	Design and construction of Airport Booster Station Replacement.	
<b>Total Funding Request</b>	\$11,020,000	
<b>Funding Sources</b>	BONDS	
<b>FY 2022-2023 Projected Expenditures</b>	\$5,520,000	
<b>Total Project Cost</b>	\$11,020,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Redd Road Pump Station Upgrades</b>	<b>W030014</b>
<b>PROGRAM CATEGORY</b>	PUMPING SYSTEMS	
<b>DESCRIPTION</b>	Design and construction of Redd Road Pump Station Upgrades.	
<b>Total Funding Request</b>	\$3,000,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$1,130,000	
<b>Total Project Cost</b>	\$3,000,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Montana East Pump Station at Ranchos Real</b>	<b>W030015</b>
<b>PROGRAM CATEGORY</b>	PUMPING SYSTEMS	
<b>DESCRIPTION</b>	Design and construction of Ranchos Real Pump Station.	
<b>Total Funding Request</b>	\$3,440,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$640,000	
<b>Total Project Cost</b>	\$3,440,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>CCC1 PZ Improvements - Pumping Systems</b>	<b>W030016</b>
<b>PROGRAM CATEGORY</b>	PUMPING SYSTEMS	
<b>DESCRIPTION</b>	Construction of improvements at Westway Pump Station and design of improvements at Coates, Fred Miller and Artcraft #1 Pump Stations.	
<b>Total Funding Request</b>	\$800,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$1,010,000	
<b>Total Project Cost</b>	\$10,600,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM:</b>	<b>McGreggor Range BS - at Franklin East</b>	<b>W030017</b>
<b>PROGRAM CATEGORY</b>	PUMPING SYSTEMS	
<b>DESCRIPTION</b>	Design of McGregor Range BS.	
<b>Total Funding Request</b>	\$300,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$300,000	
<b>Total Project Cost</b>	\$1,600,000	
<b>Impact on Operating Budget</b>	Yes	

**NEW FUNDING REQUEST - WATER PROJECTS**

FISCAL YEAR 2022-2023

<b>PROGRAM:</b>	<b>Artcraft #2- 4.5MGD+1.5MGD WMP</b>	<b>W030020</b>
<b>PROGRAM CATEGORY</b>	PUMPING SYSTEMS	
<b>DESCRIPTION</b>	Design of Artcraft #2 upgrade (4.5MGD+1.5MGD).	
<b>Total Funding Request</b>	\$570,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$70,000	
<b>Total Project Cost</b>	\$1,970,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Loma Real Pump Station 5MGD Ph II (IF)</b>	<b>W030022</b>
<b>PROGRAM CATEGORY</b>	PUMPING SYSTEMS	
<b>DESCRIPTION</b>	Design of Loma Real Pump Station Ph 2 (5MGD).	
<b>Total Funding Request</b>	\$300,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$300,000	
<b>Total Project Cost</b>	\$2,470,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>City of El Paso CDB Paving Projects</b>	<b>W040001</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction of waterline replacements and/or relocations in conjunction with City of El Paso's projects.	
<b>Total Funding Request</b>	\$3,944,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$6,035,000	
<b>Total Project Cost</b>	\$16,395,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM:</b>	<b>TXDOT Roadway Improvement Projects</b>	<b>W040002</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design and construction of waterline replacements and/or relocations in conjunction with TxDOT roadway improvement projects.	
<b>Total Funding Request</b>	\$18,125,000	
<b>Funding Sources</b>	CP – \$12,055,000 BONDS – \$6,070,000	
<b>FY 2022-2023 Projected Expenditures</b>	\$12,397,000	
<b>Total Project Cost</b>	\$29,997,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Routine Pipeline Replacement</b>		<b>W040003</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	In-house replacement of deteriorated waterlines citywide.	
<b>Total Funding Request</b>	\$1,558,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$5,497,000	
<b>Total Project Cost</b>	\$28,997,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Central Business District Ph IV</b>		<b>W040004</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Replacement and/or relocation of waterlines in conjunction with City of El Paso's project.	
<b>Total Funding Request</b>	\$848,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$1,100,000	
<b>Total Project Cost</b>	\$1,100,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Montana East Supply Waterlines</b>		<b>W040008</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design and construction of Montana East transmission waterlines.	
<b>Total Funding Request</b>	\$14,001,000	
<b>Funding Sources</b>	BONDS	
<b>FY 2022-2023 Projected Expenditures</b>	\$10,155,000	
<b>Total Project Cost</b>	\$22,455,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Eastside Planned Service Area (IF)</b>		<b>W040010</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design and installation of new waterlines along Montwood, Tierra del Este, John Hayes and Constitution new development.	
<b>Total Funding Request</b>	\$8,466,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$4,550,000	
<b>Total Project Cost</b>	\$39,619,000	
<b>Impact on Operating Budget</b>	Yes	



**NEW FUNDING REQUEST - WATER PROJECTS**

FISCAL YEAR 2022-2023

<b>PROGRAM: Upper Valley - Strahan/Borderland Water Transmission Mains (IF) W040012</b>	
<b>PROGRAM CATEGORY</b>	CONVEYANCE
<b>DESCRIPTION</b>	Land acquisition and construction of Upper Valley - Borderland 36" WL Relocation Phase 2A (Clayton and River Crossing).
<b>Total Funding Request</b>	\$22,588,000
<b>Funding Sources</b>	FEE – \$1,000,000 BONDS – \$21,588,000
<b>FY 2022-2023 Projected Expenditures</b>	\$2,988,000
<b>Total Project Cost</b>	\$24,388,000
<b>Impact on Operating Budget</b>	No

<b>PROGRAM: Sunset Heights W040014</b>	
<b>PROGRAM CATEGORY</b>	CONVEYANCE
<b>DESCRIPTION</b>	Land acquisition, design and construction of Lawton & Prospect waterline loop system.
<b>Total Funding Request</b>	\$652,000
<b>Funding Sources</b>	CP
<b>FY 2022-2023 Projected Expenditures</b>	\$725,000
<b>Total Project Cost</b>	\$725,000
<b>Impact on Operating Budget</b>	Yes

<b>PROGRAM: EDA Northwest Development Waterline Extension W040016</b>	
<b>PROGRAM CATEGORY</b>	CONVEYANCE
<b>DESCRIPTION</b>	Construction of EDA Northwest Development waterline extension.
<b>Total Funding Request</b>	\$562,000
<b>Funding Sources</b>	CP
<b>FY 2022-2023 Projected Expenditures</b>	\$1,500,000
<b>Total Project Cost</b>	\$1,500,000
<b>Impact on Operating Budget</b>	Yes

<b>PROGRAM: Citywide Large Diameter Waterline Replacement W040018</b>	
<b>PROGRAM CATEGORY</b>	CONVEYANCE
<b>DESCRIPTION</b>	Design of large diameter waterline replacements on Trowbridge Ave. and Anthony/Rio Grande/Los Angeles from Overland to Stanton.
<b>Total Funding Request</b>	\$985,000
<b>Funding Sources</b>	IMP
<b>FY 2022-2023 Projected Expenditures</b>	\$1,200,000
<b>Total Project Cost</b>	\$23,300,000
<b>Impact on Operating Budget</b>	No

<b>PROGRAM: Pipeline Protection Program</b>		<b>W040019</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Rehabilitation of leak detection loggers; integrity assessment for large diameter pipelines; and design and construction of waterline replacements at gas line crossings at Yarbrough, Lee Trevino and Pebble Hills.	
<b>Total Funding Request</b>	\$9,554,000	
<b>Funding Sources</b>	CP - \$1,088,000 BONDS – \$8,466,000	
<b>FY 2022-2023 Projected Expenditures</b>	\$6,000,000	
<b>Total Project Cost</b>	\$17,650,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Rosa Street 16" (UMC) Installation</b>		<b>W040021</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design and construction of Rosa Street 16" (UMC) waterline improvements.	
<b>Total Funding Request</b>	\$4,055,000	
<b>Funding Sources</b>	BONDS	
<b>FY 2022-2023 Projected Expenditures</b>	\$385,000	
<b>Total Project Cost</b>	\$3,855,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Dead End Mains Elimination Program</b>		<b>W040022</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction to eliminate dead end mains at Ventura/Joe Rodriguez, Krae/Mark Jason and Moondale.	
<b>Total Funding Request</b>	\$500,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$500,000	
<b>Total Project Cost</b>	\$500,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Mesa 24" Waterline Phase III, Crestmont to Fiesta Tank</b>		<b>W040027</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design and construction of Mesa 24" Waterline Replacement Phase 3, Crestmont to Fiesta Tank.	
<b>Total Funding Request</b>	\$3,276,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$1,095,000	
<b>Total Project Cost</b>	\$3,295,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM:</b>	<b>Mountain Park #1 Pump Station to #2 Waterline</b>	<b>W040028</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design and construction of Mountain Park #1 PS to #2 water line.	
<b>Total Funding Request</b>	\$3,297,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$3,225,000	
<b>Total Project Cost</b>	\$3,335,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Stormwater Utilities Relocation - Water</b>	<b>W040029</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction funds for waterline relocations for stormwater projects.	
<b>Total Funding Request</b>	\$1,736,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$1,830,000	
<b>Total Project Cost</b>	\$4,269,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM:</b>	<b>Pressure Zone Improvements</b>	<b>W040035</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design and construction of waterlines for CCC1 pressure zone improvements.	
<b>Total Funding Request</b>	\$2,056,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$656,000	
<b>Total Project Cost</b>	\$13,506,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Delta Street Rehabilitation</b>	<b>W040037</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction of Delta Street Rehabilitation Phase 1.	
<b>Total Funding Request</b>	\$2,200,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$550,000	
<b>Total Project Cost</b>	\$2,200,000	
<b>Impact on Operating Budget</b>	No	

**NEW FUNDING REQUEST - WATER PROJECTS**

FISCAL YEAR 2022-2023

<b>PROGRAM: Dyer Pipeline Trenchless Replacement - Phase II</b>		<b>W040038</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction of Dyer Pipeline Trenchless Replacement - Phase 2.	
<b>Total Funding Request</b>	\$3,200,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$600,000	
<b>Total Project Cost</b>	\$3,200,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Fred Miller Pump station 36" to 54" to IH-10 (SHD B 4061)</b>		<b>W040039</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design of 36-inch waterline from Fred Miller Pump Station to 54" waterline at IH-10.	
<b>Total Funding Request</b>	\$496,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$600,000	
<b>Total Project Cost</b>	\$4,890,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Northwest Master Plan Area Water Main Extensions (IF)</b>		<b>W040040</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design of TransMountain #1 48" Water Transmission Line and construction of TransMountain #2 36" Water Transmission Line.	
<b>Total Funding Request</b>	\$900,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$900,000	
<b>Total Project Cost</b>	\$4,850,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Northeast Master Plan Area Water Main Extensions</b>		<b>W040041</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design and installation of new waterlines for new development along Dyer/Railroad Drive, and Vista del Norte areas.	
<b>Total Funding Request</b>	\$744,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$1,635,000	
<b>Total Project Cost</b>	\$6,880,000	
<b>Impact on Operating Budget</b>	Yes	

**NEW FUNDING REQUEST - WATER PROJECTS**

FISCAL YEAR 2022-2023

**PROGRAM: Portland 24" Cast Iron Waterline Replacement Phase II W040042****PROGRAM CATEGORY** CONVEYANCE**DESCRIPTION** Construction of Portland 24" Cast Iron Waterline Replacement Phase 2.**Total Funding Request** \$2,325,000**Funding Sources** CP**FY 2022-2023 Projected Expenditures** \$1,080,000**Total Project Cost** \$2,325,000**Impact on Operating Budget** No**PROGRAM: Franklin East 24" Waterline extension IF****W040045****PROGRAM CATEGORY** CONVEYANCE**DESCRIPTION** Construction of Franklin East 1 Transmission Line Extension Ph 1, design and construction of Franklin East 1 Transmission Line Extension Ph 2 and design of Mountain Park One - 24" waterline extension.**Total Funding Request** \$4,693,000**Funding Sources** BONDS**FY 2022-2023 Projected Expenditures** \$2,006,000**Total Project Cost** \$5,306,000**Impact on Operating Budget** Yes**PROGRAM: Ascarate 8" Water Main Replacement****W040047****PROGRAM CATEGORY** CONVEYANCE**DESCRIPTION** Design and construction of Ascarate 8" Water Main Replacement.**Total Funding Request** \$1,997,000**Funding Sources** CP**FY 2022-2023 Projected Expenditures** \$260,000**Total Project Cost** \$2,060,000**Impact on Operating Budget** No**PROGRAM: North Desert Blvd. 16" Water Main Replacement****W040048****PROGRAM CATEGORY** CONVEYANCE**DESCRIPTION** Design and construction of North Desert Blvd. 16" Water Main Replacement.**Total Funding Request** \$351,000**Funding Sources** CP**FY 2022-2023 Projected Expenditures** \$351,000**Total Project Cost** \$351,000**Impact on Operating Budget** No

**NEW FUNDING REQUEST - WATER PROJECTS**

FISCAL YEAR 2022-2023

<b>PROGRAM: Airport Well Collector 30" Main Replacement</b>		<b>W040050</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design and construction of Airport Well Collector 30" Main Replacement and design of Airport Well Collector 36" Main Replacement Ph2.	
<b>Total Funding Request</b>	\$8,627,000	
<b>Funding Sources</b>	BONDS	
<b>FY 2022-2023 Projected Expenditures</b>	\$4,033,000	
<b>Total Project Cost</b>	\$10,933,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Westside/La Union 16"</b>		<b>W040051</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design and construction of Westside/La Union 16" water line.	
<b>Total Funding Request</b>	\$180,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$180,000	
<b>Total Project Cost</b>	\$2,160,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Canutillo Upper Valley Transmission Main Northwest Phase IV (IF)</b>		<b>W040052</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design and construction of Canutillo Upper Valley Transmission Main Northwest Phase IV.	
<b>Total Funding Request</b>	\$5,133,000	
<b>Funding Sources</b>	BONDS	
<b>FY 2022-2023 Projected Expenditures</b>	\$696,000	
<b>Total Project Cost</b>	\$5,286,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Northeast Franklin Water System (IF)</b>		<b>W040053</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Installation of new water transmission lines in Northeast Franklin Area (Sean Haggerty).	
<b>Total Funding Request</b>	\$1,495,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$4,750,000	
<b>Total Project Cost</b>	\$27,050,000	
<b>Impact on Operating Budget</b>	Yes	



<b>PROGRAM:</b>	<b>Sheridan/Gateway North 16" Waterline Replacement</b>	<b>W040054</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design and construction of Sheridan/Gateway North 16" waterline replacement.	
<b>Total Funding Request</b>	\$3,287,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$3,110,000	
<b>Total Project Cost</b>	\$3,330,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM:</b>	<b>Hondo Pass - US54 to Railroad Street Waterline Replacement</b>	<b>W040055</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design and construction of Hondo Pass - US54 to Railroad Street waterline replacement.	
<b>Total Funding Request</b>	\$3,843,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$600,000	
<b>Total Project Cost</b>	\$3,900,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM:</b>	<b>Turner to Vista Hills Trans Main 48" (MAPZ)</b>	<b>W040062</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design of Turner to Vista Hills 48" Transmission Main.	
<b>Total Funding Request</b>	\$500,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$500,000	
<b>Total Project Cost</b>	\$12,500,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>McGregor Range Water Transmission Main 16"</b>	<b>W040063</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design of McGregor Range BS 16" Water Transmission Main.	
<b>Total Funding Request</b>	\$300,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$250,000	
<b>Total Project Cost</b>	\$4,400,000	
<b>Impact on Operating Budget</b>	Yes	

**NEW FUNDING REQUEST - WATER PROJECTS**

FISCAL YEAR 2022-2023

<b>PROGRAM: Heath de Leon from PS to Festival Tank Waterline 30"</b>		<b>W040064</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design of 30" waterline from Heath de Leon PS to Festival Tank.	
<b>Total Funding Request</b>	\$750,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$600,000	
<b>Total Project Cost</b>	\$4,650,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Planned Waterline Replacement</b>		<b>W040068</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design and construction of Planned Waterline Replacement Program projects and on-call water construction projects.	
<b>Total Funding Request</b>	\$14,664,000	
<b>Funding Sources</b>	CP – \$6,664,000 BONDS – \$8,000,000	
<b>FY 2022-2023 Projected Expenditures</b>	\$7,114,000	
<b>Total Project Cost</b>	\$48,204,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: McCombs Well Collector Replacement</b>		<b>W040070</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design of McCombs 30" Well Collector replacement.	
<b>Total Funding Request</b>	\$500,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$500,000	
<b>Total Project Cost</b>	\$6,000,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Serene Acres Water System</b>		<b>W040075</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction of Serene Acres water system.	
<b>Total Funding Request</b>	\$245,000	
<b>Funding Sources</b>	CIA	
<b>FY 2022-2023 Projected Expenditures</b>	\$245,000	
<b>Total Project Cost</b>	\$245,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Air Release Valve Rehabilitation</b>		<b>W040076</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Planning of air release valve rehabilitation program and design of Phase 1.	
<b>Total Funding Request</b>	\$500,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$350,000	
<b>Total Project Cost</b>	\$3,350,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Meter Replacement Program</b>		<b>W060000</b>
<b>PROGRAM CATEGORY</b>	CUSTOMER SERVICE	
<b>DESCRIPTION</b>	Replacement of metering and upgrades to radio frequency metering devices.	
<b>Total Funding Request</b>	\$4,525,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$5,500,000	
<b>Total Project Cost</b>	\$64,689,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Meters – New Customers</b>		<b>W060002</b>
<b>PROGRAM CATEGORY</b>	CUSTOMER SERVICE	
<b>DESCRIPTION</b>	Construction of East Montana Master Meters and Vinton Master Meter – Kiely, and purchase of new customer meters.	
<b>Total Funding Request</b>	\$1,105,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$1,105,000	
<b>Total Project Cost</b>	\$10,812,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Supplement for Individual Payments</b>		<b>W060007</b>
<b>PROGRAM CATEGORY</b>	CUSTOMER SERVICE	
<b>DESCRIPTION</b>	Construction funds for Supplement for Individual Payments.	
<b>Total Funding Request</b>	\$350,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$350,000	
<b>Total Project Cost</b>	\$3,500,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Participation Agreements</b>		<b>W060010</b>
<b>PROGRAM CATEGORY</b>	CUSTOMER SERVICE	
<b>DESCRIPTION</b>	Construction funds for Enchanted Hills Unit 6 and Ironwoods Subdivision 1 and 2.	
<b>Total Funding Request</b>	\$800,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$800,000	
<b>Total Project Cost</b>	\$800,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Information Technology - Software</b>		<b>W070000</b>
<b>PROGRAM CATEGORY</b>	INFORMATION TECHNOLOGY & AUTOMATION	
<b>DESCRIPTION</b>	Upgrades to miscellaneous software.	
<b>Total Funding Request</b>	\$8,665,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$12,532,000	
<b>Total Project Cost</b>	\$18,962,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Process Automation (SCADA)</b>		<b>W070001</b>
<b>PROGRAM CATEGORY</b>	INFORMATION TECHNOLOGY & AUTOMATION	
<b>DESCRIPTION</b>	Purchase and construction of various SCADA equipment, software and facilities.	
<b>Total Funding Request</b>	\$2,259,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$4,143,000	
<b>Total Project Cost</b>	\$4,593,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Information Technology Hardware</b>		<b>W070002</b>
<b>PROGRAM CATEGORY</b>	INFORMATION TECHNOLOGY & AUTOMATION	
<b>DESCRIPTION</b>	Purchase of Information Technology Hardware.	
<b>Total Funding Request</b>	\$972,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$1,325,000	
<b>Total Project Cost</b>	\$1,325,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Process Automation (SCADA) - Dell City</b>		<b>W070003</b>
<b>PROGRAM CATEGORY</b>	INFORMATION TECHNOLOGY & AUTOMATION	
<b>DESCRIPTION</b>	Construction funds for Process Automation (SCADA) - Dell City.	
<b>Total Funding Request</b>	\$500,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$300,000	
<b>Total Project Cost</b>	\$500,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Rehabilitation of PSB Properties</b>		<b>W080004</b>
<b>PROGRAM CATEGORY</b>	OTHER MAJOR CAPITAL PROJECTS	
<b>DESCRIPTION</b>	Land acquisition, purchase, design and construction for rehabilitation of PSB properties.	
<b>Total Funding Request</b>	\$2,147,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$2,147,000	
<b>Total Project Cost</b>	\$4,597,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Tech20 Center Improvements</b>		<b>W080006</b>
<b>PROGRAM CATEGORY</b>	OTHER MAJOR CAPITAL PROJECTS	
<b>DESCRIPTION</b>	Construction funds to replace roof drains.	
<b>Total Funding Request</b>	\$325,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$325,000	
<b>Total Project Cost</b>	\$325,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Water Facility Beautification</b>		<b>W080008</b>
<b>PROGRAM CATEGORY</b>	OTHER MAJOR CAPITAL PROJECTS	
<b>DESCRIPTION</b>	Construction of Water Facility Beautification - (Lindbergh PS).	
<b>Total Funding Request</b>	\$416,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$420,000	
<b>Total Project Cost</b>	\$2,620,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Energy Management Master Plan</b>	<b>W080009</b>
<b>PROGRAM CATEGORY</b>	OTHER MAJOR CAPITAL PROJECTS	
<b>DESCRIPTION</b>	Pump testing and benchmarking, water plant benchmarking, SB3 system evaluation and masterplan, energy master plan and data management system.	
<b>Total Funding Request</b>	\$1,743,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$1,425,000	
<b>Total Project Cost</b>	\$2,025,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM:</b>	<b>EPWater Headquarters New Building</b>	<b>W080033</b>
<b>PROGRAM CATEGORY</b>	OTHER MAJOR CAPITAL PROJECTS	
<b>DESCRIPTION</b>	Design, land acquisition, CMAR pre-construction and early package construction.	
<b>Total Funding Request</b>	\$10,000,000	
<b>Funding Sources</b>	BONDS	
<b>FY 2022-2023 Projected Expenditures</b>	\$8,550,000	
<b>Total Project Cost</b>	\$39,700,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Southside Road Access Improvements</b>	<b>W080018</b>
<b>PROGRAM CATEGORY</b>	OTHER MAJOR CAPITAL PROJECTS	
<b>DESCRIPTION</b>	Construction of Southside Road access improvements.	
<b>Total Funding Request</b>	\$1,320,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$1,100,000	
<b>Total Project Cost</b>	\$1,320,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM:</b>	<b>SB3 Energy Systems Upgrades</b>	<b>W080024</b>
<b>PROGRAM CATEGORY</b>	OTHER MAJOR CAPITAL PROJECTS	
<b>DESCRIPTION</b>	Design of freeze protection for water systems and construction of SB3 miscellaneous electrical improvements.	
<b>Total Funding Request</b>	\$100,250,000	
<b>Funding Sources</b>	CP – \$250,000 BONDS – \$100,000,000	
<b>FY 2022-2023 Projected Expenditures</b>	\$50,150,000	
<b>Total Project Cost</b>	\$101,350,000	
<b>Impact on Operating Budget</b>	Yes	

**NEW FUNDING REQUEST - WATER PROJECTS**

FISCAL YEAR 2022-2023

<b>PROGRAM: Kay Bailey Hutchison Desalination Facility Improvements</b>		<b>W090000</b>
<b>PROGRAM CATEGORY</b>	TREATMENT	
<b>DESCRIPTION</b>	Refurbish plant pumps, design of Parallel Concentrate Pipeline, RO Skid 6 Expansion; and construction of Parallel Pipeline for 600-Series Wells PH-1.	
<b>Total Funding Request</b>	\$1,754,000	
<b>Funding Sources</b>	GRANT	
<b>FY 2022-2023 Projected Expenditures</b>	\$10,770,000	
<b>Total Project Cost</b>	\$76,845,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Jonathan Rogers WTP Improvements &amp; Rehabilitation</b>		<b>W090001</b>
<b>PROGRAM CATEGORY</b>	TREATMENT	
<b>DESCRIPTION</b>	Raw water screen upgrades, process pumps replacements, replace backup generators, security fence replacement and plant roof & AC replacement.	
<b>Total Funding Request</b>	\$13,208,000	
<b>Funding Sources</b>	BONDS	
<b>FY 2022-2023 Projected Expenditures</b>	\$7,320,000	
<b>Total Project Cost</b>	\$21,820,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Canal WTP Improvements &amp; Rehabilitation</b>		<b>W090002</b>
<b>PROGRAM CATEGORY</b>	TREATMENT	
<b>DESCRIPTION</b>	Flocculator replacement, design and/or construction of miscellaneous improvements.	
<b>Total Funding Request</b>	\$7,068,000	
<b>Funding Sources</b>	BONDS	
<b>FY 2022-2023 Projected Expenditures</b>	\$6,805,000	
<b>Total Project Cost</b>	\$48,640,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Plant Miscellaneous Small Improvements &amp; Rehabilitation</b>		<b>W090004</b>
<b>PROGRAM CATEGORY</b>	TREATMENT	
<b>DESCRIPTION</b>	Construction funds for plant miscellaneous small improvements & rehabilitation.	
<b>Total Funding Request</b>	\$2,488,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$2,488,000	
<b>Total Project Cost</b>	\$10,488,000	
<b>Impact on Operating Budget</b>	No	



<b>PROGRAM: Plant Emergency Rehabilitation &amp; Upgrades</b>		<b>W090005</b>
<b>PROGRAM CATEGORY</b>	TREATMENT	
<b>DESCRIPTION</b>	Construction funds for plant emergency rehabilitation and upgrades.	
<b>Total Funding Request</b>	\$463,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$950,000	
<b>Total Project Cost</b>	\$5,450,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Disinfection By Product Management Program</b>		<b>W090006</b>
<b>PROGRAM CATEGORY</b>	TREATMENT	
<b>DESCRIPTION</b>	Design and construction of Disinfection By-Product Removal for (Crown Point 2, Nevins, Eastwood and Pellicano).	
<b>Total Funding Request</b>	\$2,195,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$1,335,000	
<b>Total Project Cost</b>	\$7,685,000	
<b>Impact on Operating Budget</b>	No	

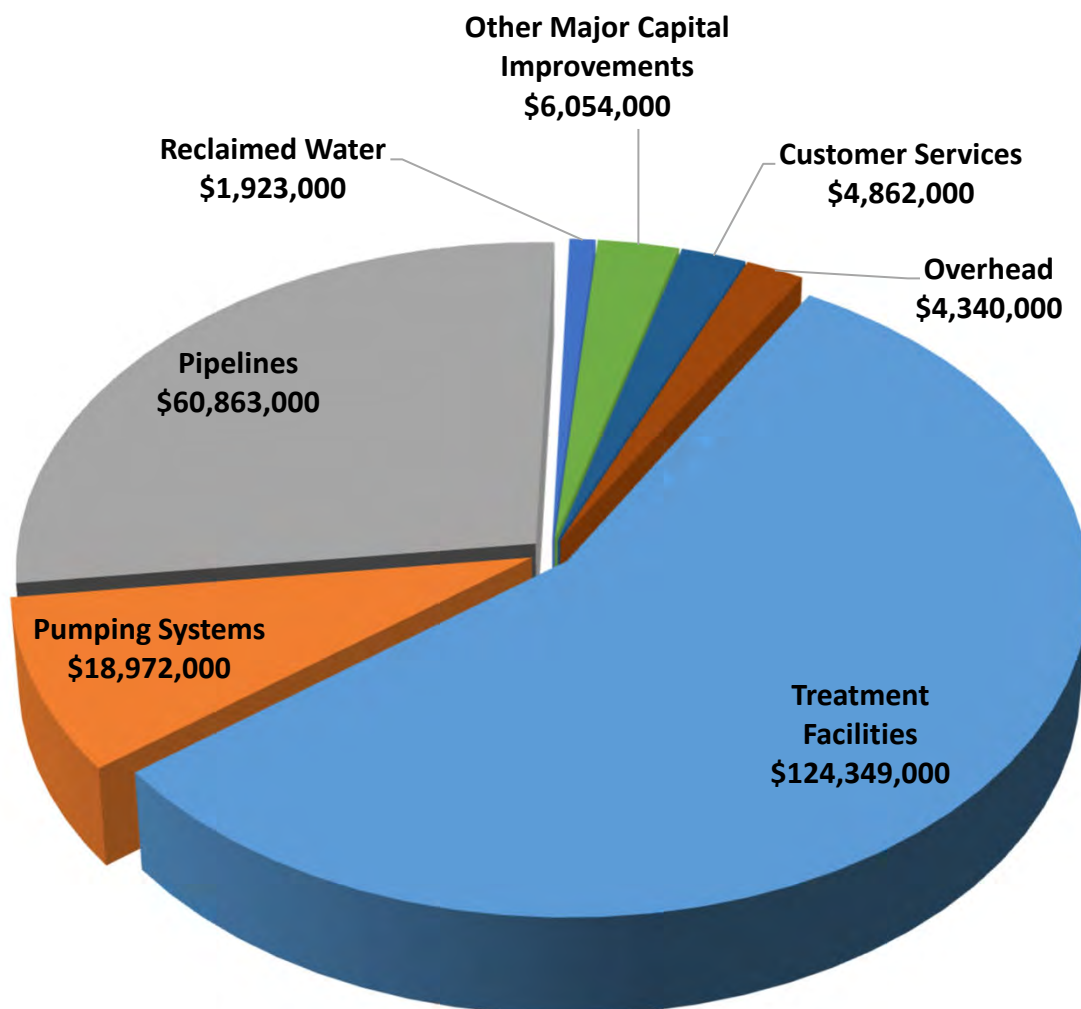
  

<b>PROGRAM: Granular Activated Carbon</b>		<b>W090007</b>
<b>PROGRAM CATEGORY</b>	TREATMENT	
<b>DESCRIPTION</b>	Replacement of granular activated carbon at various locations.	
<b>Total Funding Request</b>	\$2,000,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$2,300,000	
<b>Total Project Cost</b>	\$20,300,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Iron Media Replacement</b>		<b>W090008</b>
<b>PROGRAM CATEGORY</b>	TREATMENT	
<b>DESCRIPTION</b>	Replacement of iron media at various locations.	
<b>Total Funding Request</b>	\$590,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$300,000	
<b>Total Project Cost</b>	\$3,300,000	
<b>Impact on Operating Budget</b>	No	

**FY 2022-2023**  
**CAPITAL BUDGET SUMMARY**  
Projected Wastewater Expenditures



**TOTAL WASTEWATER CAPITAL BUDGET**  
**\$221,363,000**

El Paso Water Utilities  
Public Service Board  
Capital Improvement Program  
Funding for Fiscal Year 2022-2023

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Item #	Project	FY 2022-2023 Projected Expenditures	FY 2022-2023 Funding Request	PROPOSED FUNDING SOURCES FOR NEW MONEY PROJECTS						
		IMP	WSRC IMP	IMPACT FEE	CP	GRANT	BONDS	CIA		
WASTEWATER SYSTEM IMPROVEMENTS										
PUMPING SYSTEMS		18,972,000	27,983,000							
S030010	Lift Station Replacements	599,000	-							
S030011	Routine Lift Station Rehabilitation	5,945,000	5,258,000	5,258,000						
S030013	Canutillo Bosque Lift Station & Force Main	430,000	-							
S030014	Clardy Fox Lift Station	500,000	500,000	500,000						
S030015	Valve Rehabilitation	1,392,000	-							
S030016	Northeast Dyer/RR Lift Station 7MGD (IF)	5,376,000	10,650,000						10,650,000	
S030017	Frontera Lift Station Pump Replacement	2,330,000	2,975,000	2,975,000						
S030029	Lift Station Decommissioning	300,000	-							
S030132	Alfalfa Lift Station Rehab & 6MGD Upgrade (Alternatives to RRB Exp)	2,100,000	8,600,000						8,600,000	
CONVEYANCE		60,863,000	86,058,000							
S040040	Hondo Pass Sewer Line Replacement	1,100,000	4,900,000						4,900,000	
S040041	Northwest County Wastewater System	55,000	660,000	660,000						
S040042	Pipeline Protection	350,000	550,000	550,000						
S040047	Montana Vista Wastewater Collection System (IF)	2,492,000	11,382,000				4,882,000	6,500,000		
S040048	Canutillo County Wastewater System Planning Phases II-VI	101,000	-							
S040053	EDA Northwest Development	720,000	-							
S040054	Northwest Facility Planned Area	3,192,000	5,862,000						5,862,000	
S040055	Boone Interceptor	3,459,000	2,403,000				2,403,000			
S040056	Upper Valley Outfall Relocation	110,000	1,100,000	1,100,000						
S040057	Emergency Improvements to Sanitary Sewer Lines	770,000	746,000	746,000						
S040059	Montana Avenue Sewer Main Replacement	240,000	240,000	240,000						
S040060	Westway Sanitary Sewer Line Extension (IH10-Applewood)	120,000	120,000	120,000						
S040061	Stormwater Utility Relocation - Wastewater	700,000	1,006,000	1,006,000						
S040062	Routine Sewer Line Replacement	5,527,000	5,925,000				5,925,000			
S040063	City of El Paso Paving Projects	7,286,000	7,278,000				7,278,000			
S040064	TXDOT Roadway Improvement Projects	1,573,000	1,573,000	1,573,000						
S040066	Rehabilitation of Manholes	1,435,000	1,601,000	1,601,000						
S040067	NE Dyer/Railroad Interceptors (IF)	4,990,000	5,470,000				2,831,000		2,639,000	
S040069	Strahan Interceptor - North of Borderland (IF)	200,000	200,000	200,000						
S040071	Frontera Force Main	6,400,000	12,014,000						12,014,000	
S040073	Bob Hope Drive Extension	120,000	120,000	120,000						
S040078	Independence St Interceptor Replacement	250,000	250,000	250,000						
S040079	Turf Estates WW Collection System	1,200,000	1,200,000							1,200,000
S040110	Loop 375 East Interceptor System (IF)	970,000	2,827,000				2,827,000			
S040111	Doniphan Collector to Canutillo Bosque Lift Station	2,650,000	-							
S040113	Alameda Sewer Line Replacement - Yarbrough to Seneca	1,870,000	2,510,000				2,510,000			
S040114	Zaragoza Sewer Line Replacement - Roseway to Rabe Court	1,380,000	1,653,000				1,653,000			
S040118	Grouse Street Force Main Replacement Phase VI	2,840,000	3,081,000						3,081,000	
S040121	Seneca Road Wastewater Line Replacement	260,000	1,079,000				1,079,000			
S040122	Northeast Franklin Service Area (IF)	470,000	868,000	868,000						
S040123	Northeast Interceptor System (IF)	3,747,000	2,356,000	1,356,000		1,000,000				
S040124	La Mesa Avenue Sewer Main Extension	550,000	530,000	530,000						
S040125	Airport (EPIA) Force Main	200,000	200,000	200,000						
S040126	UTEP Collector Line Rehabilitation	500,000	1,380,000	1,380,000						
S040131	Northeast Dyer - Railroad Force Main Upgrades	1,600,000	1,600,000				1,600,000			
S040132	Alfalfa LS to Clardy Fox LS 20" FM Diversion (Alternatives to RRB Exp)	200,000	400,000	400,000						
S040133	Central El Paso 21" Interceptor (Alternatives to RRB Exp)	100,000	350,000	350,000						
S040137	GLO 18" Force Main	300,000	600,000	600,000						
S040138	Luckett Ct. Wastewater Line Upgrade	836,000	2,024,000				2,024,000			

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Item #	Project	FY 2022-2023 Projected Expenditures	FY 2022-2023 Funding Request	PROPOSED FUNDING SOURCES FOR NEW MONEY PROJECTS						
				IMP	WSRC IMP	IMPACT FEE	CP	GRANT	BONDS	CIA
NEW CUSTOMER FACILITIES		4,862,000	3,239,000							
S060003	Sewer Metering Program	305,000	185,000	185,000						
S060004	New Customers Line Relocations	100,000	100,000	100,000						
S060011	Supplement for Oversize Lines	500,000	71,000	71,000						
S060012	Supplement for Individual Payments	668,000	358,000	358,000						
S060013	Lines Financed by Contribution	25,000	25,000	25,000						
S060014	Sanitary Sewer Service Main Extension	1,800,000	1,800,000	1,800,000						
S060015	Sanitary Sewer Connections	764,000	-							
S060016	Participation Agreements	700,000	700,000	700,000						
OTHER MAJOR SEWER CAPITAL PROJECTS		6,054,000	11,606,000							
S080014	Sewer Facility Beautification	30,000	-							
S080015	Energy Management Master Plan	2,424,000	4,924,000				4,924,000			
S080017	Fred Hervey WRP Access Road Assessment	696,000	3,399,000				3,399,000			
S080024	SB3 Energy Systems Upgrades	150,000	250,000	250,000						
S080029	PSB Facilities Rehabilitation	2,754,000	3,033,000	3,033,000						
TREATMENT		124,349,000	201,156,000							
S090009	Fred Hervey WRP Upgrades & Rehabilitation	12,752,000	8,630,000						8,630,000	
S090010	Roberto R. Bustamante WRP Upgrades & Rehabilitation	59,705,000	135,848,000						135,848,000	
S090011	Haskell R. Street WWTP Upgrades & Rehabilitation	8,599,000	11,237,000						11,237,000	
S090012	John T. Hickerson WRP Upgrades & Rehabilitation	23,301,000	16,460,000	60,000					16,400,000	
S090013	Plant Miscellaneous Small Improvements & Rehabilitation	6,600,000	5,630,000	5,630,000						
S090014	Plant Emergencies	3,011,000	2,610,000	2,610,000						
S090015	Emergency Backup Power Improvements	10,381,000	20,741,000	221,000					20,520,000	
TOTAL WASTEWATER		215,100,000	330,042,000	37,626,000	-	1,000,000	43,335,000	6,500,000	240,381,000	1,200,000
RECLAIMED AND BRACKISH WATER SYSTEM IMPROVEMENTS										
WASTEWATER REUSE DISTRIBUTION SYSTEM		1,923,000	1,464,000							
S050002	Pipeline Cathodic Protection	100,000	100,000	100,000						
S050003	Valve Rehabilitation	150,000	99,000	99,000						
S050006	Rio Bosque Restoration Project	100,000	-							
S050007	Reclaimed Water Tank Coatings Rehabilitation	599,000	396,000	396,000						
S050008	Reclaimed Water Booster Pump Assessment/Replacement	74,000	119,000	119,000						
S050009	Ascarate 24"- 8" Reclaimed Pipe Rehabilitation	150,000	-							
S050010	Reclaimed Water Tank Rehabilitation	750,000	750,000	750,000						
TOTAL RECLAIMED AND BRACKISH WATER IMPROVEMENTS		1,923,000	1,464,000	1,464,000	-	-	-	-	-	-
TOTAL COMBINED SYSTEM IMPROVEMENTS		522,796,000	710,167,000	66,279,000	19,411,000	2,000,000	146,618,000	8,254,000	466,160,000	1,445,000
TOTAL WATER		305,773,000	378,661,000	27,189,000	19,411,000	1,000,000	103,283,000	1,754,000	225,779,000	245,000
TOTAL ALL WASTEWATER CATEGORIES		215,100,000	330,042,000	37,626,000	-	1,000,000	43,335,000	6,500,000	240,381,000	1,200,000
TOTAL RECLAIMED AND BRACKISH WATER IMPROVEMENTS		1,923,000	1,464,000	1,464,000	-	-	-	-	-	-
		522,796,000	710,167,000	66,279,000	19,411,000	2,000,000	146,618,000	8,254,000	466,160,000	1,445,000
OVERHEAD		10,455,000	14,203,000							
TOTAL NEW CIP FUNDING INCLUDING OVERHEAD		533,251,000	724,370,000							

**NEW FUNDING REQUEST - WASTEWATER PROJECTS**

FISCAL YEAR 2022-2023

<b>PROGRAM: Routine Lift Station Rehabilitation</b>		<b>S030011</b>
<b>PROGRAM CATEGORY</b>	PUMPING SYSTEMS	
<b>DESCRIPTION</b>	Rehabilitation of Sunland Park Lift Station and generator replacement, miscellaneous rehabilitation of lift stations.	
<b>Total Funding Request</b>	\$5,258,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$5,945,000	
<b>Total Project Cost</b>	\$14,807,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Clardy Fox Lift Station</b>		<b>S030014</b>
<b>PROGRAM CATEGORY</b>	PUMPING SYSTEMS	
<b>DESCRIPTION</b>	Design of Clardy Fox Lift Station.	
<b>Total Funding Request</b>	\$500,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$500,000	
<b>Total Project Cost</b>	\$6,000,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Northeast Dyer/RR Lift Station 7MGD (IF)</b>		<b>S030016</b>
<b>PROGRAM CATEGORY</b>	PUMPING SYSTEMS	
<b>DESCRIPTION</b>	Construction of new 7MGD lift station.	
<b>Total Funding Request</b>	\$10,650,000	
<b>Funding Sources</b>	BONDS	
<b>FY 2022-2023 Projected Expenditures</b>	\$5,376,000	
<b>Total Project Cost</b>	\$10,726,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Frontera Lift Station Pump Replacement</b>		<b>S030017</b>
<b>PROGRAM CATEGORY</b>	PUMPING SYSTEMS	
<b>DESCRIPTION</b>	Design and construction of pump replacement for Frontera Lift Station.	
<b>Total Funding Request</b>	\$2,975,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$2,330,000	
<b>Total Project Cost</b>	\$2,975,000	
<b>Impact on Operating Budget</b>	No	

**NEW FUNDING REQUEST - WASTEWATER PROJECTS**

FISCAL YEAR 2022-2023

<b>PROGRAM:</b>	<b>Alfalfa Lift Station Rehab &amp; 6MGD Upgrade (Alternatives to RRB Exp)</b>	<b>S030132</b>
<b>PROGRAM CATEGORY</b>	PUMPING SYSTEMS	
<b>DESCRIPTION</b>	Design and construction to rehabilitate and upgrade Alfalfa Lift Station.	
<b>Total Funding Request</b>	\$8,600,000	
<b>Funding Sources</b>	BONDS	
<b>FY 2022-2023 Projected Expenditures</b>	\$2,100,000	
<b>Total Project Cost</b>	\$8,600,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Hondo Pass Sewer Line Replacement</b>	<b>S040040</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design and construction for replacement of Hondo Pass sewer line from US54 to Railroad St.	
<b>Total Funding Request</b>	\$4,900,000	
<b>Funding Sources</b>	BONDS	
<b>FY 2022-2023 Projected Expenditures</b>	\$1,100,000	
<b>Total Project Cost</b>	\$4,900,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM:</b>	<b>Northwest County Wastewater System</b>	<b>S040041</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction of Willoughby wastewater line extension.	
<b>Total Funding Request</b>	\$660,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$55,000	
<b>Total Project Cost</b>	\$660,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Pipeline Protection</b>	<b>S040042</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design of sewer pipeline replacements at gas line crossings.	
<b>Total Funding Request</b>	\$550,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$350,000	
<b>Total Project Cost</b>	\$3,410,000	
<b>Impact on Operating Budget</b>	No	

**NEW FUNDING REQUEST - WASTEWATER PROJECTS**

FISCAL YEAR 2022-2023

<b>PROGRAM:</b>	<b>Montana Vista Wastewater Collection System (IF)</b>	<b>S040047</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design and construction of Montana Vista Wastewater Collection Line Phase 2A	
<b>Total Funding Request</b>	\$11,382,000	
<b>Funding Sources</b>	CP – \$4,882,000 GRANT – \$6,500,000	
<b>FY 2022-2023 Projected Expenditures</b>	\$2,492,000	
<b>Total Project Cost</b>	\$36,762,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Northwest Facility Planned Area</b>	<b>S040054</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction of Mace St. and Country Club Diversion, Mesa St. Relief Line and Design of Thorn Dam 12-inch Sewer Line Improvements.	
<b>Total Funding Request</b>	\$5,862,000	
<b>Funding Sources</b>	BONDS	
<b>FY 2022-2023 Projected Expenditures</b>	\$3,192,000	
<b>Total Project Cost</b>	\$10,714,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Boone Interceptor</b>	<b>S040055</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design and construction of Boone Interceptor Phase 2A.	
<b>Total Funding Request</b>	\$2,403,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$3,459,000	
<b>Total Project Cost</b>	\$3,459,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM:</b>	<b>Upper Valley Outfall Relocation</b>	<b>S040056</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design and construction for relocation of wastewater outfall in conjunction with IBWC project(s).	
<b>Total Funding Request</b>	\$1,100,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$110,000	
<b>Total Project Cost</b>	\$10,230,000	
<b>Impact on Operating Budget</b>	No	



**NEW FUNDING REQUEST - WASTEWATER PROJECTS**

FISCAL YEAR 2022-2023

<b>PROGRAM: Emergency Improvements to Sanitary Sewer Lines</b>		<b>S040057</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction of emergency improvements to sanitary sewer lines.	
<b>Total Funding Request</b>	\$746,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$770,000	
<b>Total Project Cost</b>	\$4,770,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Montana Avenue Sewer Main Replacement</b>		<b>S040059</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design of Montana Avenue Sewer Main Replacement Phase II.	
<b>Total Funding Request</b>	\$240,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$240,000	
<b>Total Project Cost</b>	\$4,032,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Westway Sanitary Sewer Line Extension (IH10-Applewood)</b>		<b>S040060</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction of Westway Sanitary Sewer Line Extension (IH10-Applewood).	
<b>Total Funding Request</b>	\$120,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$120,000	
<b>Total Project Cost</b>	\$120,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Stormwater Utility Relocation - Wastewater</b>		<b>S040061</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction of sewer line relocations for stormwater projects.	
<b>Total Funding Request</b>	\$1,006,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$700,000	
<b>Total Project Cost</b>	\$2,320,000	
<b>Impact on Operating Budget</b>	No	

**NEW FUNDING REQUEST - WASTEWATER PROJECTS**

FISCAL YEAR 2022-2023

<b>PROGRAM: Routine Sewer Line Replacement</b>		<b>S040062</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	In-house and contracted replacement of wastewater collection mains citywide.	
<b>Total Funding Request</b>	\$5,925,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$5,527,000	
<b>Total Project Cost</b>	\$23,927,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: City of El Paso Paving Projects</b>		<b>S040063</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction of sewer line replacements for City of El Paso paving projects.	
<b>Total Funding Request</b>	\$7,278,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$7,286,000	
<b>Total Project Cost</b>	\$15,486,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: TXDOT Roadway Improvement Projects</b>		<b>S040064</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction of sewer line replacements and relocations for TxDOT Roadway Improvement Projects.	
<b>Total Funding Request</b>	\$1,573,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$1,573,000	
<b>Total Project Cost</b>	\$3,073,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Rehabilitation of Manholes</b>		<b>S040066</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Rehabilitation of manholes citywide.	
<b>Total Funding Request</b>	\$1,601,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$1,435,000	
<b>Total Project Cost</b>	\$11,685,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: NE Dyer/Railroad Interceptors (IF)</b>		<b>S040067</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Installation of new wastewater interceptors in Dyer/Railroad area.	
<b>Total Funding Request</b>	\$5,470,000	
<b>Funding Sources</b>	CP – \$2,831,000	
	BONDS – \$2,639,000	
<b>FY 2022-2023 Projected Expenditures</b>	\$4,990,000	
<b>Total Project Cost</b>	\$13,618,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Strahan Interceptor - North of Borderland (IF)</b>		<b>S040069</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction of Strahan Collector (South of Artcraft).	
<b>Total Funding Request</b>	\$200,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$200,000	
<b>Total Project Cost</b>	\$2,000,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Frontera Force Main</b>		<b>S040071</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design and construction of phased rehabilitation of wastewater force main.	
<b>Total Funding Request</b>	\$12,014,000	
<b>Funding Sources</b>	BONDS	
<b>FY 2022-2023 Projected Expenditures</b>	\$6,400,000	
<b>Total Project Cost</b>	\$24,800,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Bob Hope Drive Extension</b>		<b>S040073</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design of Bob Hope Drive Extension (Joe Battle to Mission Ridge).	
<b>Total Funding Request</b>	\$120,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$120,000	
<b>Total Project Cost</b>	\$1,440,000	
<b>Impact on Operating Budget</b>	Yes	

**NEW FUNDING REQUEST - WASTEWATER PROJECTS**

FISCAL YEAR 2022-2023

<b>PROGRAM: Independence St Interceptor Replacement</b>		<b>S040078</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design of Independence St. Interceptor from Mansfield LS to Prado LS.	
<b>Total Funding Request</b>	\$250,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$250,000	
<b>Total Project Cost</b>	\$3,110,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Turf Estates WW Collection System</b>		<b>S040079</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction of Turf Estates Wastewater Collection System.	
<b>Total Funding Request</b>	\$1,200,000	
<b>Funding Sources</b>	CIA	
<b>FY 2022-2023 Projected Expenditures</b>	\$1,200,000	
<b>Total Project Cost</b>	\$1,200,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Loop 375 East Interceptor System (IF)</b>		<b>S040110</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction of Pellicano Blvd. Extension - from Joe Battle Blvd to Mission Ridge and Design and construction of Tierra del Este 30"/27" Wastewater Interceptor (Cozy Cove to Pellicano).	
<b>Total Funding Request</b>	\$2,827,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$970,000	
<b>Total Project Cost</b>	\$20,570,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Alameda Sewer Line Replacement - Yarbrough to Seneca</b>		<b>S040113</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction of Alameda Sewer Line Replacement - Yarbrough to Seneca.	
<b>Total Funding Request</b>	\$2,510,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$1,870,000	
<b>Total Project Cost</b>	\$2,530,000	
<b>Impact on Operating Budget</b>	No	

**NEW FUNDING REQUEST - WASTEWATER PROJECTS**

FISCAL YEAR 2022-2023

<b>PROGRAM:</b>	<b>Zaragoza Sewer Line Replacement - Roseway to Rabe Court</b>	<b>S040114</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction of Zaragosa Sewer Line Replacement - Roseway to Rabe Court.	
<b>Total Funding Request</b>	\$1,653,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$1,380,000	
<b>Total Project Cost</b>	\$1,725,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM:</b>	<b>Grouse Street Force Main Replacement Phase VI</b>	<b>S040118</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction of Grouse Street Force Main Replacement Phase VI.	
<b>Total Funding Request</b>	\$3,081,000	
<b>Funding Sources</b>	BONDS	
<b>FY 2022-2023 Projected Expenditures</b>	\$2,840,000	
<b>Total Project Cost</b>	\$3,940,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM:</b>	<b>Seneca Road Wastewater Line Replacement</b>	<b>S040121</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction of Seneca Road Wastewater Line Replacement.	
<b>Total Funding Request</b>	\$1,079,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$260,000	
<b>Total Project Cost</b>	\$1,100,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM:</b>	<b>Northeast Franklin Service Area (IF)</b>	<b>S040122</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Installation of new wastewater interceptors in Sean Haggerty areas.	
<b>Total Funding Request</b>	\$868,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$470,000	
<b>Total Project Cost</b>	\$2,120,000	
<b>Impact on Operating Budget</b>	Yes	

**NEW FUNDING REQUEST - WASTEWATER PROJECTS**

FISCAL YEAR 2022-2023

<b>PROGRAM: Northeast Interceptor System (IF)</b>		<b>S040123</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Installation of new wastewater interceptors.	
<b>Total Funding Request</b>	\$2,356,000	
<b>Funding Sources</b>	IMP – \$1,356,000	
	IMPACT FEE – \$1,000,000	
<b>FY 2022-2023 Projected Expenditures</b>	\$3,747,000	
<b>Total Project Cost</b>	\$8,447,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: La Mesa Avenue Sewer Main Extension</b>		<b>S040124</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction of La Mesa Avenue Sewer Main Extension.	
<b>Total Funding Request</b>	\$530,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$550,000	
<b>Total Project Cost</b>	\$550,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Airport (EPIA) Force Main</b>		<b>S040125</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design of Airport (EPIA) Force Main Upgrade Phase 2.	
<b>Total Funding Request</b>	\$200,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$200,000	
<b>Total Project Cost</b>	\$8,050,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: UTEP Collector Line Rehabilitation</b>		<b>S040126</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design of UTEP Collector Line Rehabilitation Phase 2.	
<b>Total Funding Request</b>	\$1,380,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$500,000	
<b>Total Project Cost</b>	\$12,000,000	
<b>Impact on Operating Budget</b>	No	

**NEW FUNDING REQUEST - WASTEWATER PROJECTS**

FISCAL YEAR 2022-2023

<b>PROGRAM: Northeast Dyer - Railroad Force Main Upgrades</b>		<b>S040131</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction of Northeast Dyer Railroad Force Main Upgrades.	
<b>Total Funding Request</b>	\$1,600,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$1,600,000	
<b>Total Project Cost</b>	\$1,600,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Alfalfa LS to Clardy Fox LS 20" FM Diversion (Alternatives to RRB Exp)</b>		<b>S040132</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design of Alfalfa LS to Clardy Fox LS 20-Inch FM Diversion (Alt to RRB Exp).	
<b>Total Funding Request</b>	\$400,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$200,000	
<b>Total Project Cost</b>	\$9,584,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Central El Paso 21" Interceptor (Alternatives to RRB Exp)</b>		<b>S040133</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design of Central El Paso 21-Inch Interceptor Improvements (Alt to RRB Exp).	
<b>Total Funding Request</b>	\$350,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$100,000	
<b>Total Project Cost</b>	\$3,550,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: GLO 18" Force Main</b>		<b>S040137</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Design of GLO 18-inch Force Main.	
<b>Total Funding Request</b>	\$600,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$300,000	
<b>Total Project Cost</b>	\$7,420,000	
<b>Impact on Operating Budget</b>	Yes	



<b>PROGRAM:</b>	<b>Luckett Ct. Wastewater Line Upgrade</b>	<b>S040138</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Construction of upsized wastewater collection main.	
<b>Total Funding Request</b>	\$2,024,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$836,000	
<b>Total Project Cost</b>	\$2,036,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM:</b>	<b>Sewer Metering Program</b>	<b>S060003</b>
<b>PROGRAM CATEGORY</b>	NEW CUSTOMER FACILITIES	
<b>DESCRIPTION</b>	Implementation of Sewer Metering Program.	
<b>Total Funding Request</b>	\$185,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$305,000	
<b>Total Project Cost</b>	\$1,105,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>New Customers Line Relocations</b>	<b>S060004</b>
<b>PROGRAM CATEGORY</b>	NEW CUSTOMER FACILITIES	
<b>DESCRIPTION</b>	Line relocations for new customers.	
<b>Total Funding Request</b>	\$100,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$100,000	
<b>Total Project Cost</b>	\$900,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Supplement for Oversize Lines</b>	<b>S060011</b>
<b>PROGRAM CATEGORY</b>	NEW CUSTOMER FACILITIES	
<b>DESCRIPTION</b>	Construction funds for Supplement for Oversize Lines.	
<b>Total Funding Request</b>	\$71,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$500,000	
<b>Total Project Cost</b>	\$4,500,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Supplement for Individual Payments</b>		<b>S060012</b>
<b>PROGRAM CATEGORY</b>	NEW CUSTOMER FACILITIES	
<b>DESCRIPTION</b>	Construction funds for Supplement for Individual Payments.	
<b>Total Funding Request</b>	\$358,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$668,000	
<b>Total Project Cost</b>	\$3,068,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Lines Financed by Contribution</b>		<b>S060013</b>
<b>PROGRAM CATEGORY</b>	NEW CUSTOMER FACILITIES	
<b>DESCRIPTION</b>	Construction funds for Lines Financed by Contribution.	
<b>Total Funding Request</b>	\$25,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$25,000	
<b>Total Project Cost</b>	\$225,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Sanitary Sewer Service Main Extension</b>		<b>S060014</b>
<b>PROGRAM CATEGORY</b>	NEW CUSTOMER FACILITIES	
<b>DESCRIPTION</b>	Design and construction of Septic to Public Sanitary Sewer Ext and construction of sanitary sewer line extensions.	
<b>Total Funding Request</b>	\$1,800,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$1,800,000	
<b>Total Project Cost</b>	\$4,900,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Participation Agreements</b>		<b>S060016</b>
<b>PROGRAM CATEGORY</b>	NEW CUSTOMER FACILITIES	
<b>DESCRIPTION</b>	Construction funds for participation agreements.	
<b>Total Funding Request</b>	\$700,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$700,000	
<b>Total Project Cost</b>	\$700,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Energy Management Master Plan</b>		<b>S080015</b>
<b>PROGRAM CATEGORY</b>	OTHER MAJOR SEWER CAPITAL PROJECTS	
<b>DESCRIPTION</b>	Preliminary assessment and installation of meters and related equipment for benchmarking of WWTP.	
<b>Total Funding Request</b>	\$4,924,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$2,424,000	
<b>Total Project Cost</b>	\$6,124,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Fred Hervey WRP Access Road Assessment</b>		<b>S080017</b>
<b>PROGRAM CATEGORY</b>	OTHER MAJOR SEWER CAPITAL PROJECTS	
<b>DESCRIPTION</b>	Design and construction of relocation of FHWRP Access Road.	
<b>Total Funding Request</b>	\$3,399,000	
<b>Funding Sources</b>	CP	
<b>FY 2022-2023 Projected Expenditures</b>	\$696,000	
<b>Total Project Cost</b>	\$3,446,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: SB3 Energy Systems Upgrades</b>		<b>S080024</b>
<b>PROGRAM CATEGORY</b>	OTHER MAJOR SEWER CAPITAL PROJECTS	
<b>DESCRIPTION</b>	Design of Freeze Protection of Wastewater Systems.	
<b>Total Funding Request</b>	\$250,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$150,000	
<b>Total Project Cost</b>	\$1,350,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: PSB Facilities Rehabilitation</b>		<b>S080029</b>
<b>PROGRAM CATEGORY</b>	OTHER MAJOR SEWER CAPITAL PROJECTS	
<b>DESCRIPTION</b>	Design and construction for rehabilitation of PSB facilities.	
<b>Total Funding Request</b>	\$3,033,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$2,754,000	
<b>Total Project Cost</b>	\$3,393,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Fred Hervey WRP Upgrades &amp; Rehabilitation</b>		<b>S090009</b>
<b>PROGRAM CATEGORY</b>	TREATMENT	
<b>DESCRIPTION</b>	Design and construction of upgrades and rehabilitation at FHWRP.	
<b>Total Funding Request</b>	\$8,630,000	
<b>Funding Sources</b>	BONDS	
<b>FY 2022-2023 Projected Expenditures</b>	\$12,752,000	
<b>Total Project Cost</b>	\$49,948,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Roberto R. Bustamante WRP Upgrades &amp; Rehabilitation</b>		<b>S090010</b>
<b>PROGRAM CATEGORY</b>	TREATMENT	
<b>DESCRIPTION</b>	Grit system and digester rehabilitation, design of expansion and rehabilitation of various processes.	
<b>Total Funding Request</b>	\$135,848,000	
<b>Funding Sources</b>	BONDS	
<b>FY 2022-2023 Projected Expenditures</b>	\$59,705,000	
<b>Total Project Cost</b>	\$645,737,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Haskell R. Street WWTP Upgrades &amp; Rehabilitation</b>		<b>S090011</b>
<b>PROGRAM CATEGORY</b>	TREATMENT	
<b>DESCRIPTION</b>	Construction of Fats, Oil & Grease (FOG) Unit, replacement of various equipment, design and construction of grit removal system improvements, odor control improvements and relocation of instrumentation building.	
<b>Total Funding Request</b>	\$11,237,000	
<b>Funding Sources</b>	BONDS	
<b>FY 2022-2023 Projected Expenditures</b>	\$8,599,000	
<b>Total Project Cost</b>	\$67,253,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: John T. Hickerson WRP Upgrades &amp; Rehabilitation</b>		<b>S090012</b>
<b>PROGRAM CATEGORY</b>	TREATMENT	
<b>DESCRIPTION</b>	Rehabilitation UV system upgrade, blower engine overhaul and Train 1; design and construction of odor control improvements, emergency backup power, and grit removal rehabilitation; miscellaneous rehabilitation.	
<b>Total Funding Request</b>	\$16,460,000	
<b>Funding Sources</b>	IMP – \$60,000 BONDS – \$16,400,000	
<b>FY 2022-2023 Projected Expenditures</b>	\$23,301,000	
<b>Total Project Cost</b>	\$94,606,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Plant Miscellaneous Small Improvements &amp; Rehabilitation</b>	<b>S090013</b>
<b>PROGRAM CATEGORY</b>	TREATMENT	
<b>DESCRIPTION</b>	Construction of miscellaneous small improvements & rehabilitation at WWTPs.	
<b>Total Funding Request</b>	\$5,630,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$6,600,000	
<b>Total Project Cost</b>	\$28,300,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Plant Emergencies</b>	<b>S090014</b>
<b>PROGRAM CATEGORY</b>	TREATMENT	
<b>DESCRIPTION</b>	Construction funds for plant emergencies.	
<b>Total Funding Request</b>	\$2,610,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$3,011,000	
<b>Total Project Cost</b>	\$23,011,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM:</b>	<b>Emergency Backup Power Improvements</b>	<b>S090015</b>
<b>PROGRAM CATEGORY</b>	TREATMENT	
<b>DESCRIPTION</b>	Planning and construction of emergency power improvements at WWTPs.	
<b>Total Funding Request</b>	\$20,741,000	
<b>Funding Sources</b>	IMP – \$221,000 BONDS – \$20,520,000	
<b>FY 2022-2023 Projected Expenditures</b>	\$10,381,000	
<b>Total Project Cost</b>	\$20,801,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Pipeline Cathodic Protection</b>	<b>S050002</b>
<b>PROGRAM CATEGORY</b>	WASTEWATER REUSE DISTRIBUTION SYSTEM	
<b>DESCRIPTION</b>	Construction of pipeline cathodic protection.	
<b>Total Funding Request</b>	\$100,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$100,000	
<b>Total Project Cost</b>	\$100,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM:</b>	<b>Valve Rehabilitation</b>	<b>S050003</b>
<b>PROGRAM CATEGORY</b>	WASTEWATER REUSE DISTRIBUTION SYSTEM	
<b>DESCRIPTION</b>	Purchase of valves for rehabilitation.	
<b>Total Funding Request</b>	\$99,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$150,000	
<b>Total Project Cost</b>	\$150,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM:</b>	<b>Reclaimed Water Tank Coatings Rehabilitation</b>	<b>S050007</b>
<b>PROGRAM CATEGORY</b>	WASTEWATER REUSE DISTRIBUTION SYSTEM	
<b>DESCRIPTION</b>	Construction of restoration project for reclaimed water tanks.	
<b>Total Funding Request</b>	\$396,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$599,000	
<b>Total Project Cost</b>	\$599,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM:</b>	<b>Reclaimed Water Booster Pump Assessment/Replacement</b>	<b>S050008</b>
<b>PROGRAM CATEGORY</b>	WASTEWATER REUSE DISTRIBUTION SYSTEM	
<b>DESCRIPTION</b>	Construction for replacement of reclaimed booster station pumps.	
<b>Total Funding Request</b>	\$119,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$74,000	
<b>Total Project Cost</b>	\$149,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM:</b>	<b>Reclaimed Water Tank Rehabilitation</b>	<b>S050010</b>
<b>PROGRAM CATEGORY</b>	WASTEWATER REUSE DISTRIBUTION SYSTEM	
<b>DESCRIPTION</b>	Planning and design of reclaimed water tank rehabilitation.	
<b>Total Funding Request</b>	\$750,000	
<b>Funding Sources</b>	IMP	
<b>FY 2022-2023 Projected Expenditures</b>	\$750,000	
<b>Total Project Cost</b>	\$10,310,000	
<b>Impact on Operating Budget</b>	No	

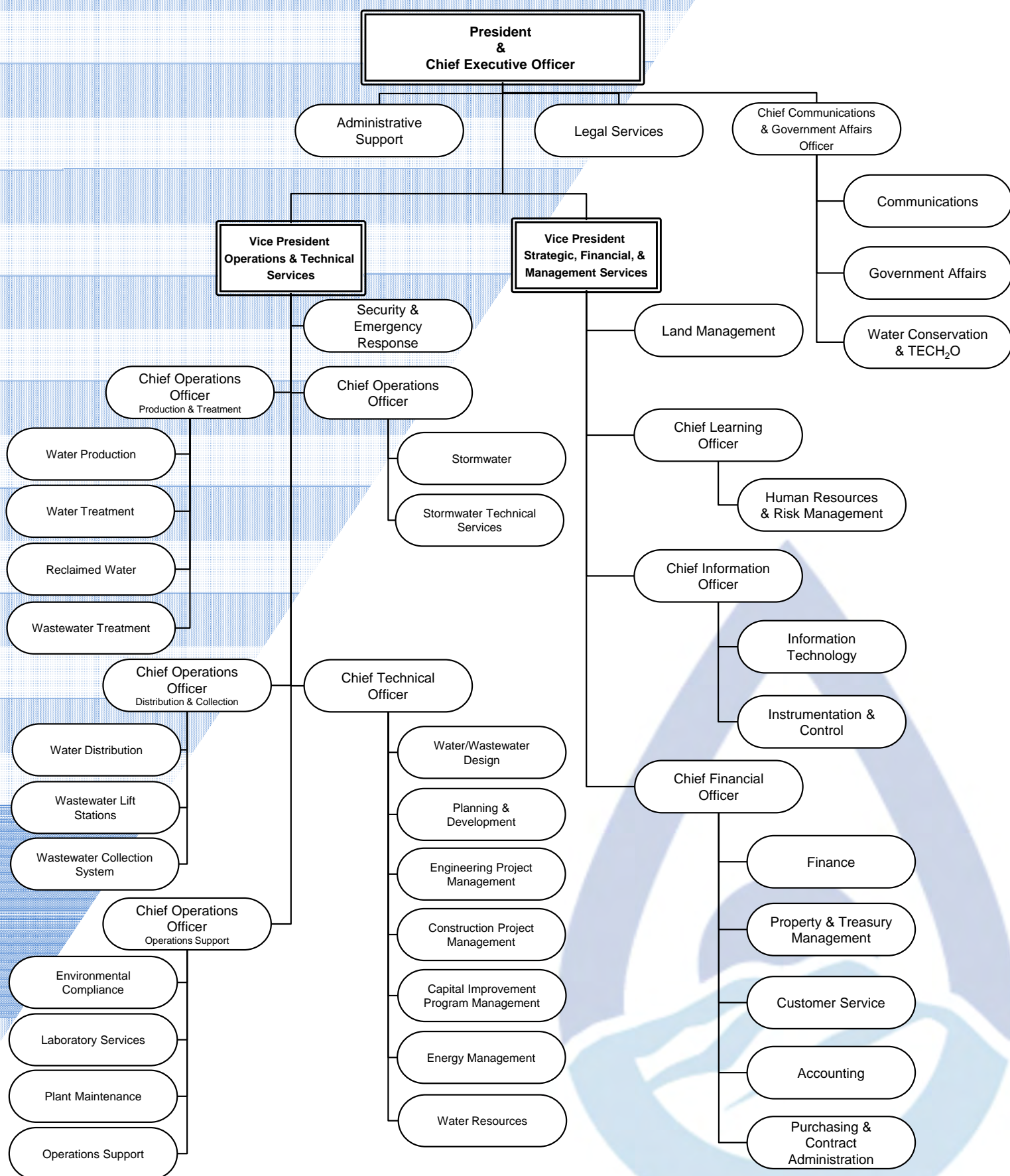
**El Paso Water Utilities/Public Service Board**  
**Water and Wastewater Approved Capital Outlay**  
 Light, Office and Miscellaneous Equipment  
 FY 2022-23

<b>Section</b>		<b>Description</b>	<b>To Light Equip</b>
580	1	VIBRATION ANALYZER AND DIAGNOSTIC TOOL	\$30,000
580	1	CNC PLASMA CUTTING TABLE	\$33,000
580	1	ENGINE LATHE 15" X 60" BED	\$48,000
		<b>WATER &amp; WASTEWATER TOTAL</b>	<b>\$111,000</b>



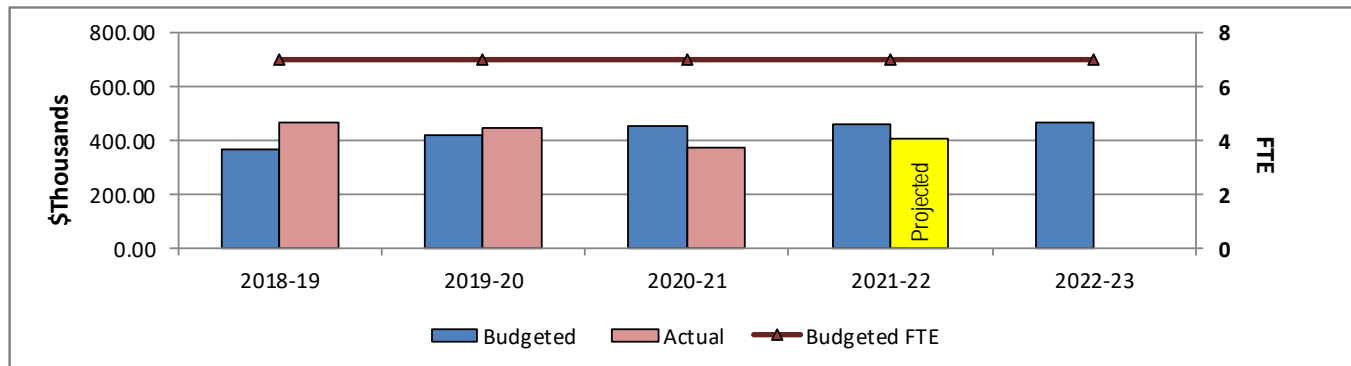
<b>EL PASO WATER UTILITIES /PUBLIC SERVICE BOARD</b> <b>SUMMARY OF PROPOSED CAPITAL OUTLAY FOR</b> <b>NEW AND REPLACEMENT AUTOMOTIVE AND CONSTRUCTION EQUIPMENT</b> <b>FY 2022-23</b>					
Section	Unit#	Description	Projected Mileage-Hours by 02-2022	Type of Vehicle	Estimated Cost
<b>UTILITY VEHICLES</b>					
130	142	1/2 TON PU 4DR 4X4	82,579	2005 FORD F-150	\$39,000
420	4011	1/2 TON PICK UP	127,230	2007 FORD F-150	\$29,000
420	4060	1/2 TON PICK-UP	145,047	2014 FORD F-150	\$29,000
525	21	COMPACT PICK-UP	117,162	2004 FORD RANGER	\$28,000
525	23	COMPACT PICK-UP	125,748	2004 FORD RANGER	\$29,000
580	101	1/2 TON SPORT UT 4X4	158,236	2001 FORD EXPEDITION	\$62,000
620	6021	1 TON UTILITY	117,457	2013 FORD F-350	\$60,000
630	6012	1 TON UTILITY	103,459	2008 FORD F-350	\$50,000
650	669	2 TON DUMP	99,259	2006 FORD F-650	\$101,000
690	6024	1 TON UTILITY	137,588	2013 FORD F-350	\$69,000
715	15	3/4 TON PICK-UP LFT/	131,074	2005 DODGE D-2500	\$40,000
720	7025	12 PASSENGER VAN	136,308	2012 FORD CLUB-WAGON	\$46,000
720	7027	1/2 TON PICK-UP	177,979	2013 FORD F-150	\$28,000
720	7028	1/2 TON PICK-UP	146,363	2013 FORD F-150	\$28,000
720	7029	1/2 TON PICK-UP	155,261	2013 FORD F-150	\$28,000
720	7074	SUV AWD	32,299	2018 NISSAN ROUGE	\$27,500
825	4030	1 TON CARGO VAN	131,251	2010 FORD E-350	\$57,000
915	52	3/4 TON PICK-UP 4X4	126,666	2003 FORD F-250	\$50,000
915	184	1/2 TON PICK-UP	147,384	2001 FORD F-150	\$29,000
915	7016	COMPACT PICK-UP	31,190	2007 CHEVROLET COLORADO	\$29,000
916	9021	COMPACT PICK-UP 4X4	145,352	2008 FORD RANGER	\$34,000
917	1016	1/2 TON PICK-UP	180,171	2010 FORD F-150	\$29,000
917	9023	1 TON UTILITY REGCAB	130,324	2011 FORD F-350	\$50,000
420	NEW	ONE TON UTILITY TRUCK			\$60,000
420	NEW	1/2 TON PICK-UP			\$40,000
420	NEW	1 TON UTILITY			\$40,000
440	NEW	1 TON UTILITY			\$70,000
440	NEW	1 TON UTILITY			\$70,000
580	NEW	1/2 TON PICK-UP			\$30,000
580	NEW	1 TON UTILITY			\$60,000
670	NEW	1 TON UTILITY			\$60,000
915	NEW	1 TON UTILITY			\$70,000
915	NEW	1 TON UTILITY			\$70,000
917	NEW	1/2 TON PICK-UP			\$35,000
<b>ESTIMATED TOTAL VEHICLE COST</b>					<b>\$ 1,576,500</b>
<b>MAINTENANCE &amp; CONSTRUCTION EQUIPMENT</b>					
420	237	500 KW TRAILER GENER	186	1992 KATLT/JAME 500 KW	\$170,000
420	353	TRAILER WELDER	291	1988 SHOPMD/LIN	\$10,000
420	4027	8 TON SIDE BOOM	104,012	2007 KENWORTH T-300	\$370,000
440	208	LIGHT TOWER	596	1994 INGRSLL-RD	\$12,000
440	243	TRAILER	0	1975 ELTORO/PIP	\$10,000
440	334	CONCRETE SAW	0	2002 MULTQUIP FS3SP20HE20	\$7,500
620	224	33 KW TRAILER GENERA	826	1979 REIDS/KOHL 33 KW	\$121,500
630	6025	VACUUM JET ROODER PU	0	2013 INTL 7600SFA6X42010	\$490,000
690	227	TRAILER PUMP 10"	290	1998 THOMPSON 10V-DJDRT-6	\$98,000
690	230	TRAILER PUMP 12"	360	1998 THOMPSON 12V-DJDRT-6	\$98,000
690	2013	TRAILER PUMP 4"	0	2007 THOMPSON 4HT-DDST-3-2011	\$23,000
690	2079	TRAILERCOMPRESSOR	350	2012 DOOSAN P185	\$23,000
690	2080	TRAILERCOMPRESSOR	466	2012 DOOSAN P185	\$23,000
690	2081	TRAILERCOMPRESSOR	322	2012 DOOSAN P185	\$23,000
916	264	SEMI-TRAILER LOWBOY	1	2000 DYNAWELD 100HDX	\$100,500
916	289	EXCAVATOR	5,491	2002 VOLVO EW170	\$263,000
916	297	SEMI-TRAILER DUMP	(off)	1997 LUFKIN ULDII-31	\$95,000
916	909	VACUUM STREET SWEEP	8,934	1998 GMC T7500	\$200,000
916	976	6 TON SEMI-TRACTOR	50,571	2006 VOLVO VNL64T	\$149,000
916	2027	MOTOR GRADER	3,236	1990 JOHN DEERE 770B	\$310,000
916	2040	LOADER	4,400	2008 VOLVO L70F	\$170,000
916	2041	LOADER	8,323	2008 VOLVO L70F	\$170,000
916	2091	BACKHOE/LOADER	3,619	2012 VOLVO BL70B	\$115,000
916	2093	BACKHOE/LOADER	4,830	2012 VOLVO BL70B	\$115,000
916	2094	BACKHOE/LOADER	3,882	2012 VOLVO BL70B	\$115,000
580	NEW	FIVE TON FORKLIFT			\$80,000
670	NEW	GATOR XUV5 UTV			\$20,000
680	NEW	GATOR XUV5 UTV			\$20,000
915	NEW	TRACTOR AND TRAILER			\$247,000
916	NEW	COMPOST TURNER			\$199,000
916	NEW	TRUCK MOUNTED ATTENUATOR			\$140,000
<b>ESTIMATED TOTAL EQUIPMENT COST</b>					<b>\$3,987,500</b>
<b>Estimated Total Vehicle and Equipment Cost</b>					<b>\$ 5,564,000</b>

# Administration



OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
7400	<u>PERSONNEL SERVICES</u>				
	Meeting Fees	1,600	2,500	1,160	2,000
	TOTAL PERSONNEL SERVICES (LOADED)	1,600	2,500	1,160	2,000
7100 7260 7700 7720 7730 7780 7790	<u>MISCELLANEOUS</u>				
	Rent	27,960	27,500	27,500	27,700
	Expense of Supervisor & Employees	1,418	2,000	4,353	2,000
	Insurance	43,920	55,600	55,600	59,200
	Professional Services	294,592	372,500	309,118	372,500
	Special Services	1,991	400	1,222	400
	Miscellaneous Expense	-	1,000	305	600
	Software/Hardware Expense	-	500	3,367	600
	TOTAL MISCELLANEOUS	369,882	459,500	401,464	463,000
TOTAL - ALL ACCOUNTS		371,482	462,000	402,624	465,000

## BUDGETED TO ACTUAL AND BUDGETED PERSONNEL



**100 PUBLIC SERVICE BOARD**

## ADMINISTRATION

**FUNCTION:**

The function of the Public Service Board is to direct the management and operation of the El Paso Water Utilities by establishing policies and regulations, and by adopting goals and budgets for management to follow in the administration and operation of the system.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Operational efficiencies implemented	Increase Customer Satisfaction & Confidence	-Decrease customer call wait time	Decrease customer call wait time	Decrease customer call wait time	Decrease customer call wait time
	Improve Infrastructure	-Increase pace of Rehabilitation & Replacement of aging infrastructure	- Increase pace of Rehabilitation & Replacement of aging infrastructure	- Increase pace of Rehabilitation & Replacement of aging infrastructure	- Increase pace of Rehabilitation & Replacement of aging infrastructure
	Improve Succession Planning	-Continued with the next phase of organizational development	-Continued with the next phase of organizational development	-Continued with the next phase of organizational development	-Continued with the next phase of organizational development
	Improve Land and Water Management	-Continued to identify existing land resources not being utilized and promote the marketing of such lands	-Continued to identify existing land resources not being utilized and promote the marketing of such lands	-Continued to identify existing land resources not being utilized and promote the marketing of such lands	-Continued to identify existing land resources not being utilized and promote the marketing of such lands

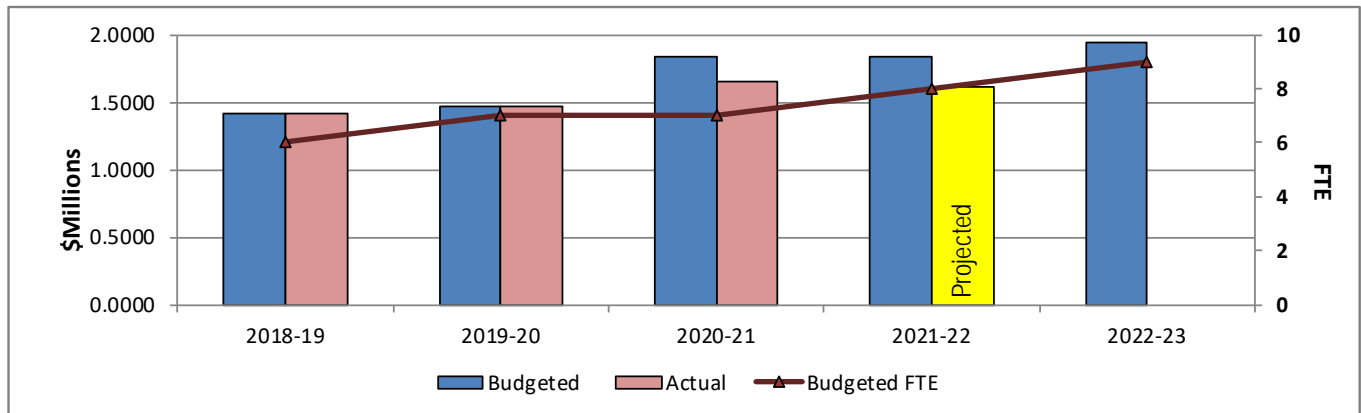
Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Chairman	NC	1	1	1	1
Vice Chairman	NC	1	1	1	1
Secretary-Treasurer	NC	1	1	1	1
Mayor, City of El Paso	NC	1	1	1	1
Member	NC	3	3	3	3
<b>Total Personnel</b>		<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>

**105 EXECUTIVE SERVICES**

## ADMINISTRATION

**OPERATING AND MAINTENANCE BUDGET**

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
7020	<u>PERSONNEL SERVICES</u>				
	O & M Salaries and Wages	1,339,721	1,586,000	1,423,629	1,576,000
	<u>TOTAL PERSONNEL SERVICES (LOADED)</u>	1,339,721	1,586,000	1,423,629	1,576,000
	<u>MATERIALS &amp; SUPPLIES</u>				
7560	Office Supplies & Printing	1,128	4,000	2,036	4,000
7740	Rental of Equipment	6,847	3,200	4,587	3,200
	<u>TOTAL MATERIALS &amp; SUPPLIES</u>	7,975	7,200	6,623	7,200
	<u>MAINTENANCE</u>				
7680	Communication Equipment	5,981	5,900	5,735	6,400
	<u>TOTAL MAINTENANCE</u>	5,981	5,900	5,735	6,400
	<u>MISCELLANEOUS</u>				
7100	Rent	56,880	57,400	57,400	55,700
7120	Transportation	15,043	15,000	16,542	15,000
7260	Expense of Supervisor & Employees	76,772	50,000	42,000	51,800
7700	Insurance	11,280	14,300	14,300	15,300
7720	Professional Services	96,130	100,000	36,765	200,000
7780	Miscellaneous Expense	138	500	335	200
7790	Software/Hardware Expense	39,295	3,700	5,700	12,400
	<u>TOTAL MISCELLANEOUS</u>	295,538	240,900	173,042	350,400
	<u>TOTAL - ALL ACCOUNTS</u>	1,649,215	1,840,000	1,609,031	1,940,000

**BUDGETED TO ACTUAL AND BUDGETED PERSONNEL**

**105 EXECUTIVE SERVICES**

## ADMINISTRATION

**FUNCTION:**

The office of the President and CEO is responsible to the Public Service Board for the management and general supervision of the Utility in accordance with the rules, regulations, and policies adopted by the Board. It provides the Public Service Board with information and reports on operations and needs of the Utility to assist the Board in making decisions and establishing policy.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Percent under/(over) approved operating budget	Strengthen Financial Viability	2.2%	5.2%	5.8%	5.0%
Gallons per capita per day	Improve Land & Water Management	125	134	132	129
Total FTE's per 1,000 water service customers	Improve Efficiency	4.00	4.03	4.00	4.12
System reliability (hours available vs. total hours)	Increase Customer Satisfaction & Confidence	>99.99%	>99.99%	>99.99%	>99.99%
Debt Service Coverage	Strengthen Financial Viability	2.21	2.38	2.47	2.16

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
President/CEO	NC	1	1	1	1
Vice President Operations & Technical Services	NC	1	1	1	1
Vice President Strategic, Financial & Management Services	NC	1	1	1	1
Utility Innovation Engineer <sup>3</sup>	EX4	1	0	0	0
Performance Systems Administrator	134	1	1	1	1
Functional Systems Analyst <sup>1</sup>	132	2	2	0	2
Executive Assistant to President/CEO <sup>2</sup>	131	1	1	1	1
Business Systems Analyst <sup>4</sup>	129	0	0	0	1
Sustainability Program Specialist <sup>3</sup>	125	0	1	1	1
Executive Secretary <sup>2</sup>	46	0	0	0	0
Senior Office Assistant <sup>2</sup>	45	0	0	0	0
<b>Total Personnel</b>		<b>8</b>	<b>8</b>	<b>6</b>	<b>9</b>

<sup>1</sup>FY2020-21 Add two Functional Systems Analyst per Issue Paper

<sup>2</sup>FY2020-21 Delete Senior Office Assistant, delete Executive Secretary, and add Executive Assistant to President /CEO per Human Resources off cycle budget staffing change request

<sup>3</sup>FY2021-22 Delete Utility Innovation Engineer and add Sustainability Program Specialist per Human Resources off cycle staffing change request

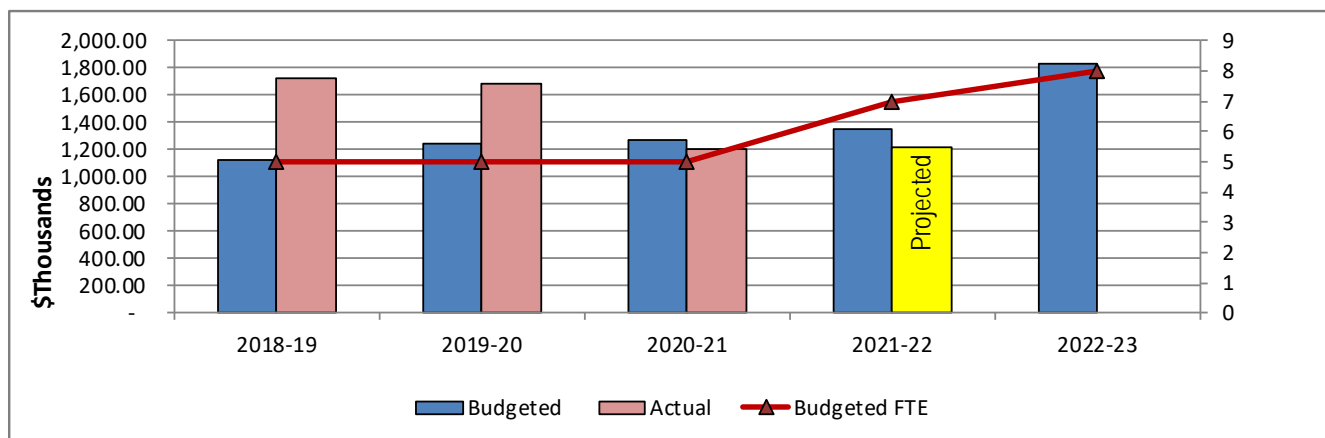
<sup>4</sup>FY2022-23 Business Systems Analyst added per Issue Paper

**110 LEGAL SERVICES**

## ADMINISTRATION

**OPERATING AND MAINTENANCE BUDGET**

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
<b>PERSONNEL SERVICES</b>					
7020	O & M Salaries and Wages	668,862	893,000	770,401	987,000
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	668,862	893,000	770,401	987,000
<b>MATERIALS &amp; SUPPLIES</b>					
7560	Office Supplies & Printing	1,298	3,000	1,804	13,000
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	1,298	3,000	1,804	13,000
<b>MAINTENANCE</b>					
7680	Communication Equipment	3,341	4,800	3,368	3,600
	<b>TOTAL MAINTENANCE</b>	3,341	4,800	3,368	3,600
<b>MISCELLANEOUS</b>					
7100	Rent	23,040	22,600	22,600	28,400
7120	Transportation	4,521	4,700	4,521	4,700
7260	Expense of Supervisor & Employees	6,737	13,000	7,926	13,000
7270	Law Library	5,518	5,000	5,605	7,600
7720	Professional Services	485,608	400,000	400,000	750,000
7730	Special Services	971	2,200	581	2,200
7780	Miscellaneous Expense	262	400	381	900
7790	Software/Hardware Expense	4,025	4,300	3,931	24,600
	<b>TOTAL MISCELLANEOUS</b>	530,682	452,200	445,546	831,400
	<b>TOTAL - ALL ACCOUNTS</b>	1,204,183	1,353,000	1,221,119	1,835,000

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**



**110 LEGAL SERVICES**

## ADMINISTRATION

**FUNCTION:**

Provide high quality, ethical, professional and competent in-house legal support to the Public Service Board (PSB), the President/CEO, Executive Management and staff, and manage outside legal counsel's work in a manner that promotes the Utility's strategic goals. The range of legal services includes general legal counsel, municipal law, procurement, litigation management, representation in federal and state courts, labor and employment, real estate, intergovernmental contracts, resolutions, rules and regulations, general transactional, construction and professional services contracts, legal research, legal opinions, advising on best legal practices, and promptly processing open records requests in accordance with all applicable laws.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Provide training to sections on procurement, open government, and employment issues	Improve Knowledge, Skills & Abilities	Ongoing training; Suggest/ Identify new subject matter training	Ongoing training and identification of new subject matters for training.	Hosted trainings on claims and open records.	Identify and host at least 2 trainings for Utility employees.
Aggressively address lawsuits and claims through resolution, settlement or trial so that no backlog of potential liability is created	Improve Efficiency	Resolution of 4 or more lawsuits and various claims	Resolution of 7 lawsuits and claims.	Resolution of 7 lawsuits and claims.	Resolution of 5 or more lawsuits and claims.
Develop Leadership Succession	Improve Succession Planning	All employees to participate in new training opportunities and mentoring	Effective and steady transition of leadership succession occurred. Provided new opportunities for internal members.	Provided four trainings to legal staff. Successfully recruited a Deputy General Counsel.	Provide trainings opportunities for legal staff to increase their knowledge and skills. Complete recruitment for any vacant positions.
Provide timely legal services to board and sections	Improve Customer Satisfaction & Confidence	Increased timely legal services to board and sections through continuity and increased knowledge	Ensured continuity of legal support to the Utility during three office staffing transitions.	Recruited one Assistant General Counsel for litigation/claims /ORRs. Actively seeking second AGC.	Increase collaboration with divisions/sections to proactively discuss and anticipate legal issues.



**110 LEGAL SERVICES**

## ADMINISTRATION

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
General Counsel	NC	1	1	1	1
Deputy General Counsel <sup>1</sup>	NC	0	1	1	1
Assistant General Counsel <sup>3</sup>	EX4	2	3	2	3
Junior Assistant General Counsel <sup>2,3</sup>	NC	0	0	0	0
Paralegal <sup>4</sup>	123	1	1	1	2
Legal/Contract Secretary	51	1	1	1	1
<b>Total Personnel</b>		<b>5</b>	<b>7</b>	<b>6</b>	<b>8</b>

<sup>1</sup>FY2021-22 One Deputy General Counsel added per Issue Paper

<sup>2</sup>FY2021-22 One Junior Assistant General Counsel added per Issue Paper

<sup>3</sup>FY2021-22 Junior Assistant General Counsel deleted and one Assistant General Counsel per Human Resources off cycle budget staffing change request

<sup>4</sup>FY2022-23 One Paralegal added per Issue Paper

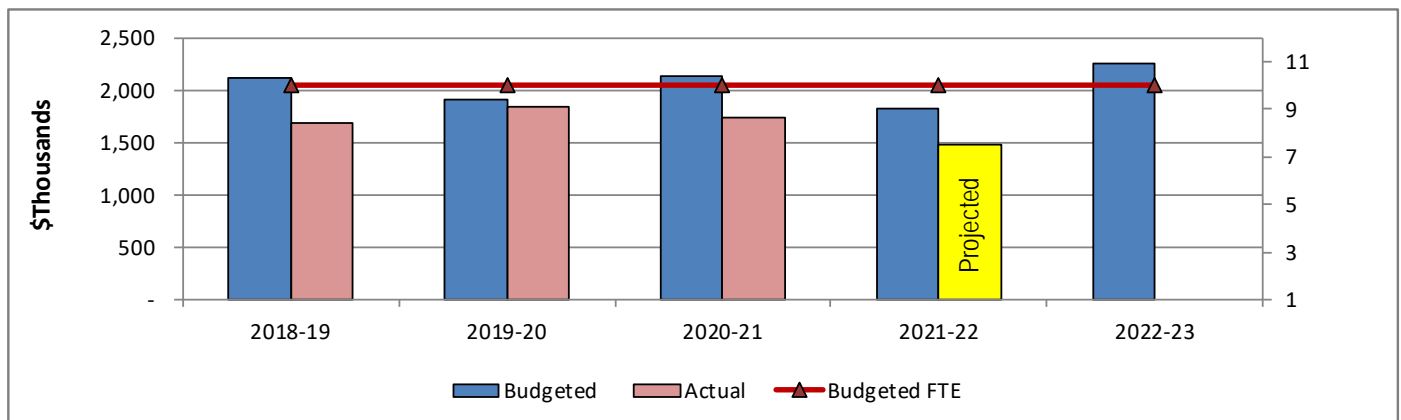
## 115 COMMUNICATION &amp; GOVERNMENT AFFAIRS

## ADMINISTRATION

## OPERATING AND MAINTENANCE BUDGET

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
7020	<u>PERSONNEL SERVICES</u>				
	O & M Salaries and Wages	955,877	1,071,000	941,240	1,109,000
	TOTAL PERSONNEL SERVICES (LOADED)	955,877	1,071,000	941,240	1,109,000
7550 7560 7740	<u>MATERIALS &amp; SUPPLIES</u>				
	Public Affairs Expense	284,909	40,000	60,000	40,000
	Office Supplies & Printing	10,021	15,000	4,734	15,000
	Rental/Lease of Equipment	1,988	1,500	1,397	1,500
	TOTAL MATERIALS & SUPPLIES	296,917	56,500	66,132	56,500
7680	<u>MAINTENANCE</u>				
	Communication Equipment	5,676	5,700	5,612	6,200
	TOTAL MAINTENANCE	5,676	5,700	5,612	6,200
7100 7120 7260 7420 7720 7730 7780 7790	<u>MISCELLANEOUS</u>				
	Rent	35,760	35,700	35,700	34,600
	Transportation	5,151	5,000	5,259	5,000
	Expense of Supervisor & Employees	1,336	25,000	16,190	45,000
	Postage	45	500	954	2,500
	Professional Services	440,856	600,000	403,077	908,000
	Special Services	-	25,000	-	42,500
	Miscellaneous Expense	157	100	519	200
	Software/Hardware Expense	912	2,500	1,776	44,500
	TOTAL MISCELLANEOUS	484,218	693,800	463,475	1,082,300
	TOTAL - ALL ACCOUNTS	1,742,688	1,827,000	1,476,459	2,254,000

## BUDGET TO ACTUAL AND BUDGETED PERSONNEL



**115 COMMUNICATION & GOVERNMENT AFFAIRS**

## ADMINISTRATION

**FUNCTION:**

Responsible for enhancing the reputation of the utility and building trust with customers, elected officials, employees and other stakeholders. The team develops and implements communications and government affairs strategies and tactics to support the utility's strategic objectives.

Communications programs include: public service campaigns, media relations, community relations, construction outreach, utility special events, issue management, crisis communication, branding and digital presence (web/videos/social media), employee communication, customer communication.

Government relations initiatives include: monitoring legislative and regulatory developments; representing and advocating on behalf of the utility before key local, state and federal government officials or agencies; identifying and pursuing federal and state funding opportunities, applying for grants; and working with government agencies to secure other non-grant funding.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Federal and state funding commitments (grants + U.S. Army Corps of Engineers federal funding)	Strengthen Stakeholder Partnerships/ Strengthen Financial Viability	\$5.6 M	\$4.1 M	\$13 M	\$30M
Communication product output (external)	Improve Communications (Internal/External)	179	152	150	170
Communication product output (internal – WaterNet/WaterWire stories)		175	243	230	250
Positive news mentions in the media		581	646	260	450
Social media engagement (FB, Twitter, Instagram followers)		11268	15,471	16,219	18,000
Website visits (monthly average)		160,989	165,212	178,548	190,000

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Chief Communications & Government Affairs Officer	EX1	1	1	1	1
Government Affairs Manager	EX4	1	1	1	1
Marketing & Communications Manager	EX4	1	1	1	1
Legislative Liaison	132	1	1	1	1
Public Affairs Officer	132	1	1	1	1
Computer Media Specialist	128	1	1	1	1
Lead Public Affairs Coordinator	127	1	1	0	1
Utility Public Information Coordinator	125	1	1	0	1
Research Assistant	122	1	1	0	1
Outreach Specialist <sup>1</sup>	52	0	0	0	1
Senior Office Assistant <sup>1</sup>	45	1	1	0	0
<b>Total Personnel</b>		<b>10</b>	<b>10</b>	<b>6</b>	<b>10</b>

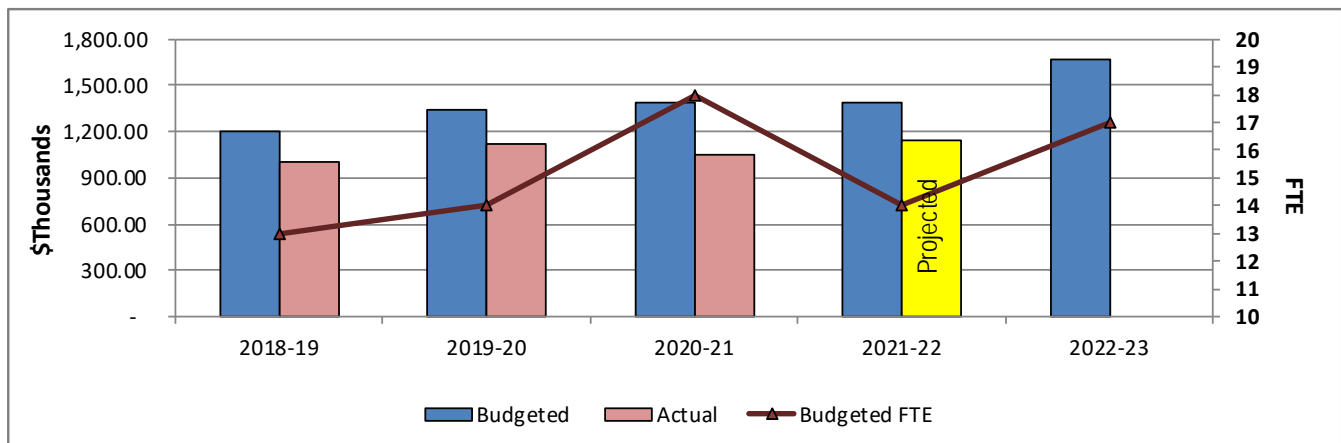
<sup>1</sup>FY2022-23 Senior Office Assistant deleted and Outreach Specialist added per Issue Paper

**120 HUMAN RESOURCES & RISK MANAGEMENT**

## ADMINISTRATION

**OPERATING AND MAINTENANCE BUDGET**

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<u>PERSONNEL SERVICES</u>				
7020	O & M Salaries and Wages	936,571	987,000	903,639	1,229,000
7750	Worker's Compensation	38	1,800	3,111	1,800
	TOTAL PERSONNEL SERVICES (LOADED)	936,609	988,800	906,750	1,230,800
	<u>MATERIALS &amp; SUPPLIES</u>				
7560	Office Supplies & Printing	7,509	9,000	6,305	24,000
7740	Rental of Equipment	5,249	2,700	4,189	2,700
	TOTAL MATERIALS & SUPPLIES	12,757	11,700	10,494	26,700
	<u>MAINTENANCE</u>				
7680	Communication Equipment	5,286	6,200	5,202	6,700
	TOTAL MAINTENANCE	5,286	6,200	5,202	6,700
	<u>MISCELLANEOUS</u>				
7100	Rent	35,760	35,000	35,000	35,300
7120	Transportation	2,952	7,500	5,792	7,500
7260	Expense of Supervisor & Employees	32,782	60,000	38,674	99,100
7640	Uniforms	316	800	66	800
7720	Professional Services	23,028	220,000	132,780	234,300
7730	Special Services	417	50,800	239	900
7780	Miscellaneous Expense	1,276	3,300	1,338	3,000
7790	Software/Hardware Expense	1,258	1,900	2,500	27,900
	TOTAL MISCELLANEOUS	97,788	379,300	216,389	408,800
	TOTAL - ALL ACCOUNTS	1,052,440	1,386,000	1,138,835	1,673,000

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**

**120 HUMAN RESOURCES & RISK MANAGEMENT**

## ADMINISTRATION

**FUNCTION:**

Provide administrative support and policy guidance in the areas of recruitment, payroll, organizational development and training, classification and compensation, employee relations and worker's compensation. Develop and monitor cost-effective risk, accident and loss reduction programs. Administer the Utility's Safety Program, provide employee and management safety training, conduct incident investigation on property damage and occupational injuries in conjunction with supervisors and managers.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Employee Lost Day Rate: Reduction of Incidents	Improve Efficiency	1.60	1.95	3.11	2
Severity Rate: Reduction of Lost time days	Improve Efficiency	30.06	139.98	160.60	15
Decrease Preventable Motor Vehicle Accidents	Improve Efficiency	35	30	22	25
TCEQ Operator certifications attained with training classes provided by Human Resources	Improve Knowledge, Skills, & Abilities	69	66	40	55

<sup>(1)</sup> The first two benchmarks relate to workplace injuries or illness. The lower the numbers, the more favorable the rates become.

<sup>2</sup> Employee Lost Day Rate: Number of lost time injuries + fatalities x 200,000 divided by the total hours worked.

<sup>3</sup> Severity Rate: Number of days lost due to injury x 200,000 divided by the total hours worked.

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Chief Learning Officer <sup>3</sup>	EX3	0	1	1	1
Utility Human Resources Manager	EX4	1	1	0	1
Utility Human Resources Assistant Manager <sup>1</sup>	134	1	2	1	2
Senior Human Resources Analyst	128	2	2	2	2
Senior Safety Specialist	126	1	1	0	1
Training Specialist	126	1	1	1	1
Utility Claims Specialist <sup>1,7</sup>	126	1	0	0	1
Human Resources Analyst <sup>2</sup>	125	1	2	1	2
Safety Specialist	124	2	2	2	2
Lead Human Resources Specialist	56	1	1	1	1
Senior Human Resources Specialist <sup>4,5,6</sup>	54	0	1	0	4
Human Resources Specialist <sup>4,6</sup>	52	3	2	2	0
Senior Office Assistant	45	0	0	1	0
<b>Total Personnel</b>		<b>14</b>	<b>16</b>	<b>12</b>	<b>18</b>

<sup>1</sup>FY2021-22 Utility Claims Specialist deleted and add one Utility Human Resources Assistant Manager per Human Resources off cycle budget staffing change request

<sup>2</sup>FY2021-22 One Human Resources Analyst added per Human Resources off cycle budget staffing change request

<sup>3</sup>FY2021-22 Chief Learning Officer added per Human Resources off cycle budget staffing change request

<sup>4</sup>FY2021-22 Delete one Human Resources Specialist and add one Senior Human Resources Specialist per HR off cycle budget request

<sup>5</sup>FY2022-23 One Senior Human Resources Specialist added per Issue Paper

<sup>6</sup>FY2022-23 Deleted two Human Resources Specialist and add two Senior Human Resources Specialist per Issue Paper

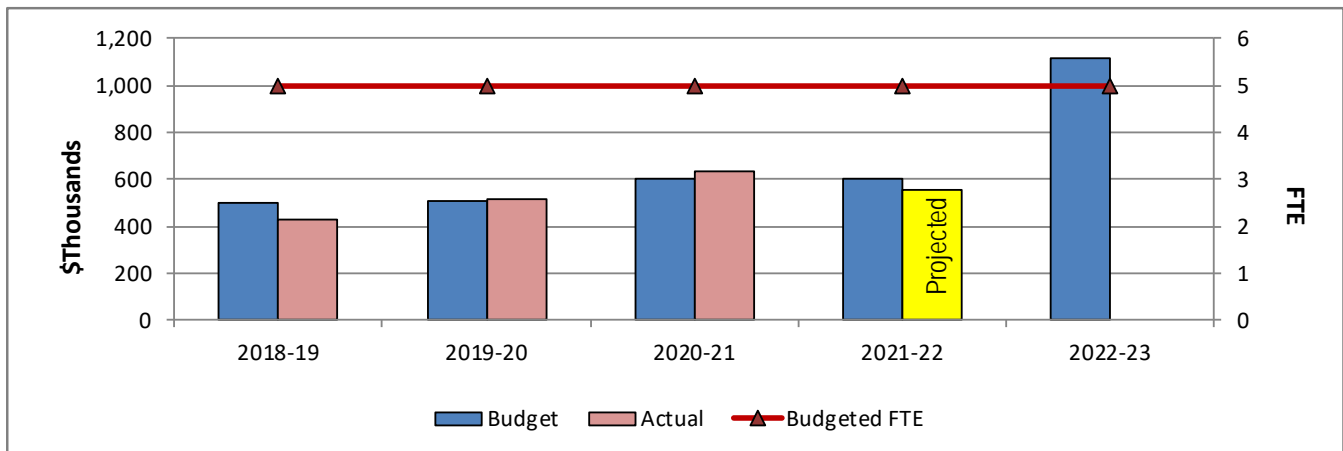
<sup>7</sup>FY2022-23 Utility Claims Specialist added per Issue Paper

**130 WATER RESOURCES**

## ADMINISTRATION

**OPERATING AND MAINTENANCE BUDGET**

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
<b>PERSONNEL SERVICES</b>					
7020	O & M Salaries and Wages	381,478	457,000	413,124	474,000
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	381,478	457,000	413,124	474,000
<b>MATERIALS &amp; SUPPLIES</b>					
7560	Office Supplies & Printing	814	1,000	609	1,000
7620	Small Tools & Equipment	289	1,000	427	1,000
7740	Rental of Equipment	2,495	1,600	1,679	1,600
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	3,598	3,600	2,715	3,600
<b>MAINTENANCE</b>					
7680	Communication Equipment	3,449	3,900	3,639	4,300
7850	Maintenance of Equipment	70	-	65	-
	<b>TOTAL MAINTENANCE</b>	3,520	3,900	3,704	4,300
<b>MISCELLANEOUS</b>					
7100	Rent	23,760	23,300	23,300	23,500
7120	Transportation	8,079	6,000	3,665	6,000
7260	Expense of Supervisor & Employees	1,373	5,000	3,102	26,500
7640	Uniforms	188	500	377	600
7720	Professional Services	210,666	100,000	97,344	540,000
7730	Special Services	132	400	5,848	32,700
7780	Miscellaneous Expense	59	200	208	100
7790	Software/Hardware Expense	4,313	5,100	2,186	7,700
	<b>TOTAL MISCELLANEOUS</b>	248,570	140,500	136,029	637,100
	<b>TOTAL - ALL ACCOUNTS</b>	637,165	605,000	555,572	1,119,000

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**

**130 WATER RESOURCES**

## ADMINISTRATION

**FUNCTION:**

Design and prepare specifications for water supply projects including desalination, well drilling, well equipping, and water resource investigations. Provide technical and administrative support to EPWater Operations in the Well Maintenance program. Responsible for TCEQ UIC reporting and compliance monitoring for concentrate disposal wells. Design and construct monitoring and injection wells; plan and supervise the well plugging as part of a wellhead protection program; determine future groundwater requirements and plan and execute a drilling program to fit future needs; develop and maintain groundwater models to help manage groundwater resources; maintain and update databases for hydro-geologic information to be provided to individual stakeholders; review and process applications for drilling wells in the City of El Paso; coordinate with other agencies including USGS, IBWC, TCEQ and TWDB in collecting and sharing hydrologic data. Provide technical and administrative support for EPWater's participation in Far West Texas Regional Water Planning. Prepare Far West Texas Water Plan (50-year plan) in accordance with TWDB requirements. Obtain TCEQ approval for new well construction; provide technical review and support of EPWater Engineering and other sections.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Well field capacity increases (MGD)	Improve Land & Water Management	13	6	6	6
Wells replaced/drilled	Improve Land & Water Management	0	6	6	10
Abandoned wells plugged (includes old, abandoned wells plus redrills)	Improve Land & Water Management	5	5	5	5
Wells equipped	Improve Land & Water Management	13	6	6	6

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Water Resources Manager	EX3	1	1	1	1
Civil Engineer <sup>2</sup>	132	1	0	0	0
Hydrogeologist	131	1	1	1	1
Engineering Program Administrator <sup>2</sup>	129	0	1	0	1
Associate Hydrogeologist	126	1	1	1	1
Engineering Associate	126	0	0	1	0
Lead Engineering Technician <sup>3</sup>	56	0	1	0	1
Engineering Senior Technician <sup>1,3</sup>	54	0	0	1	0
Senior Planning Technician <sup>1</sup>	46	1	0	0	0
<b>Total Personnel</b>		<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>

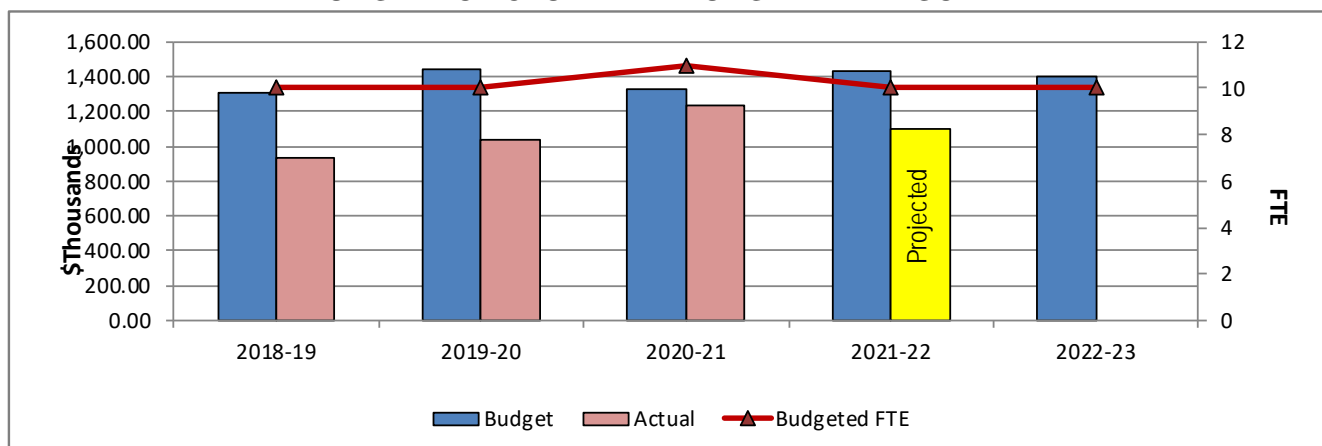
<sup>1</sup>FY2021-22 Senior Planning Technician deleted and Senior Engineering Technician added per Human Resources off cycle budget staffing change request

<sup>2</sup>FY2021-22 Civil Engineer deleted and Engineering Program Administrator added per Human Resources off cycle budget staffing change request

<sup>3</sup>FY2021-22 Delete Engineering Senior Technician and add Lead Engineering Technician per Human Resources off cycle budget staffing change request

**OPERATING AND MAINTENANCE BUDGET**

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
<b><u>PERSONNEL SERVICES</u></b>					
7020	O & M Salaries and Wages	689,425	719,000	676,279	745,000
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	689,425	719,000	676,279	745,000
<b><u>MATERIALS &amp; SUPPLIES</u></b>					
7560	Office Supplies & Printing	2,779	3,000	2,978	3,000
7740	Rental of Equipment	3,345	1,600	2,838	1,600
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	6,125	4,600	5,816	4,600
<b><u>MAINTENANCE</u></b>					
7090	Water Rights Land Expense	99,739	95,000	93,739	95,000
7680	Communication Equipment	1,378	1,700	1,193	1,900
7930	Maintenance of Structure & Improvements	132,602	55,000	88,793	55,000
	<b>TOTAL MAINTENANCE</b>	233,719	151,700	183,725	151,900
<b><u>MISCELLANEOUS</u></b>					
7100	Rent	19,440	19,000	19,000	19,200
7120	Transportation	1,040	3,000	2,733	3,000
7260	Expense of Supervisor & Employees	452	5,000	4,049	5,000
7420	Postage	1,676	1,500	2,258	1,500
7700	Insurance	5,760	7,200	7,200	7,700
7720	Professional Services	178,731	350,000	140,003	400,000
7730	Special Services	69,223	148,900	41,286	28,600
7780	Miscellaneous Expense	1,408	700	822	600
7790	Software/Hardware Expense	27,224	24,400	13,892	30,900
	<b>TOTAL MISCELLANEOUS</b>	304,954	559,700	231,243	496,500
	<b>TOTAL - ALL ACCOUNTS</b>	1,234,224	1,435,000	1,097,063	1,398,000

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**



**140 LAND MANAGEMENT**

## ADMINISTRATION

**FUNCTION:**

Administer the real properties for EPWater, except those used directly as a part of system operation. Purchase land for stormwater, water rights purposes or other needs, and acquire rights-of-way required for system growth, improvements and water rights. Process the sale of selected land, perform property improvements, lease PSB properties, and coordinate land matters with other agencies. To effectively allow the Utility to determine a long-range plan of achievable goals, including sustainable development, obtaining necessary water rights for continued supply and growth, and initiate and conclude studies regarding water supply. Conduct landowner contacts, marketing efforts, and documentation preparations to acquire additional rights to surface water through irrigation district. Participate with the City of El Paso's Planning Department on zoning ordinance as required, and in implementing the City Comprehensive Plan. Provide in house EPWater expertise, review and participation for environmental assessments on EPWater and other local projects.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Lease revenue Collected (water and sewer)	Strengthen Financial Viability	\$1,854,445	\$2,224,364	\$1,877,350	\$2,022,081
Lease revenue Collected (Stormwater)	Strengthen Financial Viability	\$99,576	\$103,806	\$114,708	\$118,149
Lease revenue Collected (Dell City Farm leases)	Strengthen Financial Viability	\$1,700,066	\$1,184,543	\$2,160,521	\$2,358,041
Existing Leased acres of water rights from owners within EPCWID #1 and LVWD	Improve Land & Water Management	9,909	10,140	10,425	10,577
Leased acres of new water rights (Includes LVWD)	Improve Land & Water Management	100.11	349.73	276.25	195.00
Number of Expired Water Rights Contracts Renewed Renewed/Expired	Improve Efficiency	98/351 28%	129/389 33%	126/232 54%	161/161 100%
Acres of new water rights acquired in Hudspeth County	Improve Land & Water Management	2,111	683	259	0

**140 LAND MANAGEMENT**

## ADMINISTRATION

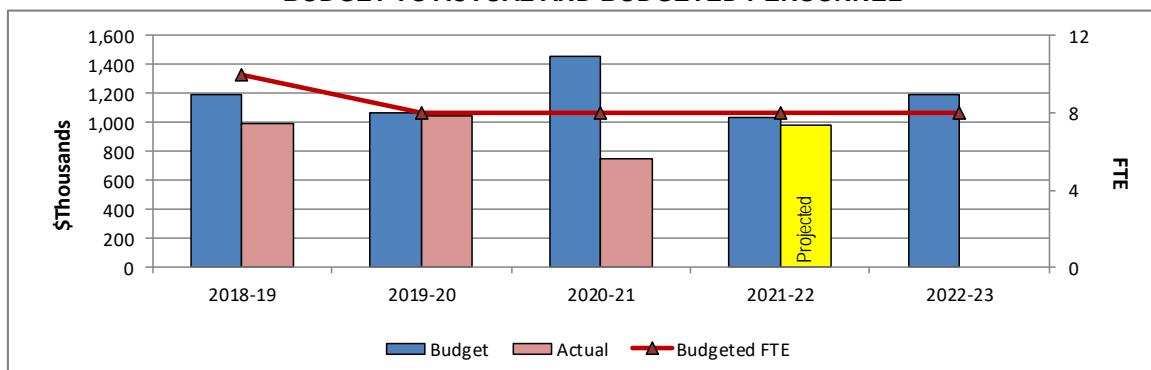
Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Utility Land & Water Rights Manager	EX3	1	1	1	1
Real Estate Manager	134	2	2	2	2
Utility Real Estate Consultant <sup>2</sup>	134	0	1	0	1
Senior Land & Contract Administrator	132	1	1	1	1
Environmental Planner <sup>1</sup>	128	0	0	0	1
Land & Contract Administrator	126	2	2	2	2
Engineering Associate	126	1	1	1	1
GIS Specialist <sup>1</sup>	124	1	1	1	0
Real Estate Specialist	51	1	1	1	1
Senior Office Assistant	45	1	1	1	1
<b>Total Personnel</b>		<b>10</b>	<b>11</b>	<b>10</b>	<b>11</b>

<sup>1</sup>FY2022-23 Delete GIS Specialist and add Environmental Planner per Issue Paper

<sup>2</sup>FY2021-22 Add Utility Real Estate Consultant per Human Resources off cycle staffing change request

OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<b>PERSONNEL SERVICES</b>				
7020	O & M Salaries and Wages	423,436	450,000	403,150	452,000
7750	Worker's Compensation	9,819	600	10,516	600
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	<b>433,254</b>	<b>450,600</b>	<b>413,666</b>	<b>452,600</b>
	<b>MATERIALS &amp; SUPPLIES</b>				
7560	Office Supplies & Printing	271	3,500	1,026	3,500
7740	Rental/Lease of Equipment	3,754	1,700	3,165	1,700
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	<b>4,025</b>	<b>5,200</b>	<b>4,191</b>	<b>5,200</b>
	<b>MAINTENANCE</b>				
7380	Landscaping	1,091	5,000	2,302	3,000
7660	Building Services	74,988	111,200	151,000	135,600
7680	Communication Equipment	3,811	5,000	3,506	5,400
	<b>TOTAL MAINTENANCE</b>	<b>79,890</b>	<b>121,200</b>	<b>156,808</b>	<b>144,000</b>
	<b>UTILITIES</b>				
7060	Electricity Expense	28,744	35,000	28,941	30,000
7710	Natural Gas Expense	4,627	5,500	5,905	6,200
7760	Utilities	14,187	13,500	14,640	15,000
	<b>TOTAL UTILITIES</b>	<b>47,558</b>	<b>54,000</b>	<b>49,487</b>	<b>51,200</b>
	<b>MISCELLANEOUS</b>				
7070	Public Service Board Grants	-	50,000	50,000	200,000
7110	Water Conservation Expense	5,029	160,000	107,358	110,000
7120	Transportation	5,683	16,000	5,585	10,000
7260	Expense of Supervisor & Employees	9,904	9,000	10,640	9,300
7320	Lease of Land	32,800	32,800	32,800	32,800
7640	Uniforms	432	1,000	497	500
7700	Insurance	3,240	4,000	4,000	4,300
7720	Professional Services	104,290	99,400	110,557	6,400
7730	Special Services	-	-	-	100,000
7770	Security	22,477	20,100	20,541	28,500
7780	Miscellaneous Expense	722	1,200	111	1,500
7790	Software/Hardware Expense	3,105	7,500	19,149	37,700
	<b>TOTAL MISCELLANEOUS</b>	<b>187,681</b>	<b>401,000</b>	<b>361,237</b>	<b>541,000</b>
	<b>TOTAL - ALL ACCOUNTS</b>	<b>752,408</b>	<b>1,032,000</b>	<b>985,389</b>	<b>1,194,000</b>

BUDGET TO ACTUAL AND BUDGETED PERSONNEL



**150 TECH<sub>2</sub>O CENTER & WATER CONSERVATION**

## ADMINISTRATION

**FUNCTION:**

Responsible for promoting water conservation among residential and commercial customers and next generation customers. The team develops and implements educational and public information programs to increase awareness of regional water issues and the actions we all can take to conserve water. Serves as a liaison with the Texas Water Development Board (TWDB) on conservation issues and ensures that the utility develops and submits our five-year Conservation Plan to TWDB. Tracks best management practices, assesses opportunities for continued improvement in conservation practices, and takes actions consistent with utility strategy. Provides an event venue for employee training/events and for stakeholders to convene around water, wastewater and stormwater issues of relevance to the utility.

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Proposed 2022-23
Water Conservation/Tech <sub>2</sub> O Manager	EX5	1	1	1	1
Water Conservation Specialist	124	2	2	2	2
Water Conservation Technician	49	3	3	1	3
Facilities Maintenance Worker	47	1	1	1	1
Customer Relations Clerk	45	1	1	1	1
<b>Total Personnel</b>		<b>8</b>	<b>8</b>	<b>6</b>	<b>8</b>

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Workshops & Lectures <sup>1</sup> – (Water Smart workshops and lecture series)	Increase Customer Satisfaction & Confidence	2/8	6/270	8/200	20/500
Community Event Participation <sup>1</sup> – (booths, activities, speakers)		0	1/100	5/200	8/500
ICI* outreach, site surveys (audits/visits/reports)		2	16	10	15
Certified Water Partners per year		1	0	0	0
Customers assisted – AguaRepairs Pilot Program (FY22)		1,863/44	0	50	100
Teachers/educator workshops <sup>1</sup> – Virtual	Strengthen Stakeholder Partnerships	1/12	4/34	5/100	8/150
Field trips <sup>1</sup>		0	0	25/100	50/1,000
School presentations <sup>1</sup> - Virtual		1/21	33/1,337	50/2,000	10/100
Tech <sub>2</sub> O Signature events <sup>1</sup>		0	0	2/500	4/1,500
Volunteer Program <sup>2</sup>		15/30	9/73	15/100	10/100

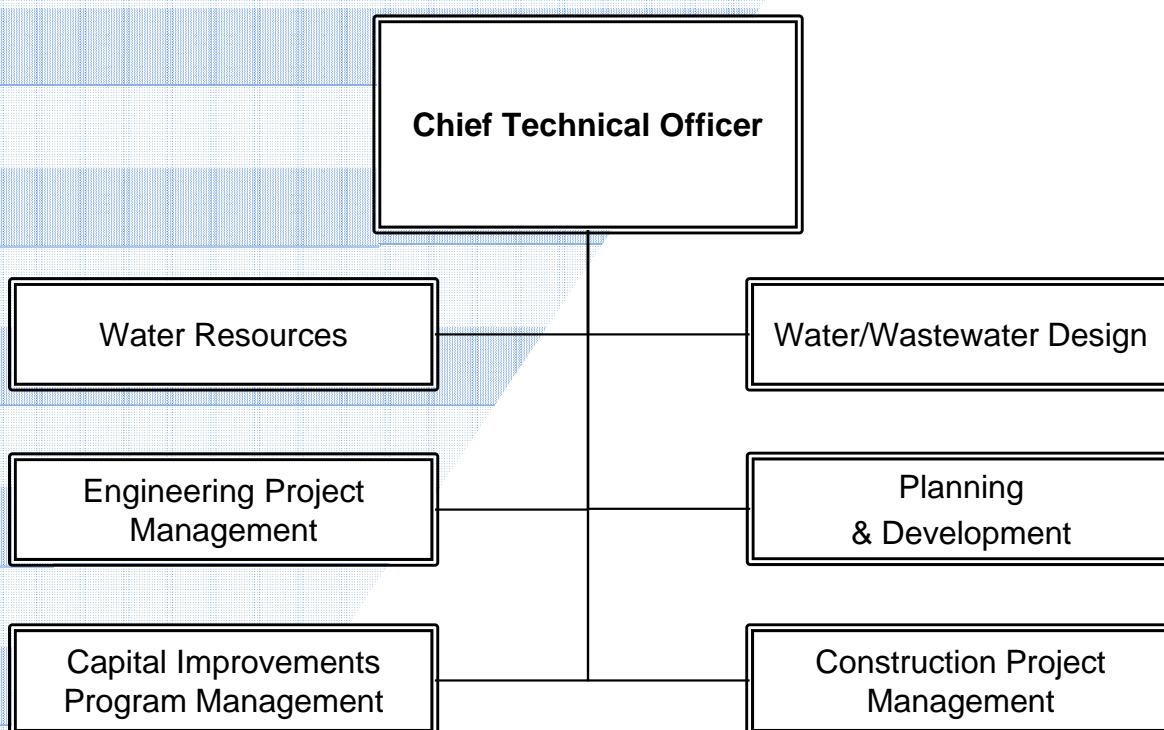
**150 TECH<sub>2</sub>O CENTER & WATER CONSERVATION**

## ADMINISTRATION

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Conservation Messages (social media, media mentions and newsletters)	Improve Land & Water Management	272	280	455	325
Website Visits (Conservation, Tech <sub>2</sub> O and DesertBlooms Sites.)		33,161	34,139	33,200	36,000
GPCD (gallons per capita per day)		134	132	125	123

<sup>1</sup># events / # participants<sup>2</sup># volunteers / # hours

## Technical Services



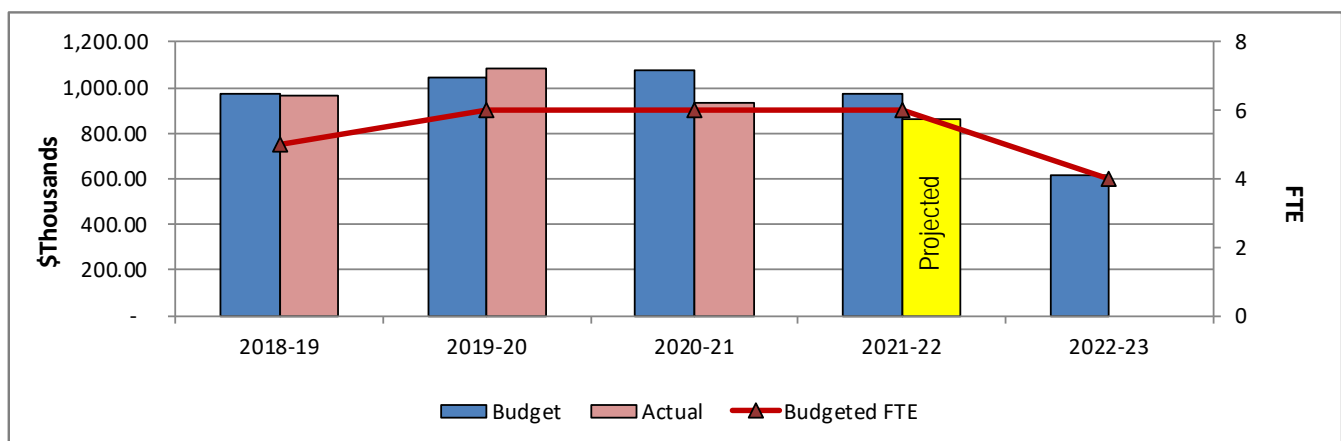
**310 TECHNICAL SERVICES**

## TECHNICAL SERVICES

**OPERATING AND MAINTENANCE BUDGET**

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<u>PERSONNEL SERVICES</u>				
7020	O & M Salaries and Wages	800,690	872,000	687,186	523,000
7750	Worker's Compensation	786	-	-	-
	TOTAL PERSONNEL SERVICES (LOADED)	801,475	872,000	687,186	523,000
	<u>MATERIALS &amp; SUPPLIES</u>				
7560	Office Supplies & Printing	976	3,000	2,227	1,500
	TOTAL MATERIALS & SUPPLIES	976	3,000	2,227	1,500
	<u>MAINTENANCE</u>				
7680	Communication Equipment	5,640	5,800	5,391	3,150
	TOTAL MAINTENANCE	5,640	5,800	5,391	3,150
	<u>MISCELLANEOUS</u>				
7100	Rent	17,280	16,900	16,900	8,600
7120	Transportation	11,423	14,000	8,532	10,000
7260	Expense of Supervisor & Employees	12,347	25,000	10,964	9,200
7720	Professional Services	76,087	-	123,628	50,000
7730	Special Services	3,189	20,700	5,998	350
7780	Miscellaneous Expense	246	1,400	697	1,300
7790	Software/Hardware Expense	4,095	12,200	3,063	7,900
	TOTAL MISCELLANEOUS	124,667	90,200	169,783	87,350
	TOTAL - ALL ACCOUNTS	932,758	971,000	864,587	615,000

**TECHNICAL SERVICES  
BUDGET TO ACTUAL AND BUDGETED PERSONNEL**



**310 TECHNICAL SERVICES**

## TECHNICAL SERVICES

**FUNCTION:**

Administer all functions within the Technical Services Division, including engineering, planning and development, project management, and construction management for water, wastewater, reclaimed water and stormwater projects. The Technical Services Division ensures that the Utility's short- and long- term goals are implemented as effectively while ensuring accountability, accuracy and customer satisfaction.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Percent of annual Capital Improvement Program budget spent, without Land Management (water, wastewater, stormwater)*	Strengthen Financial Viability, Improve Efficiency	72%	52%	52%	65%
Miles of water mains designed for replacement or rehabilitation	Improve Infrastructure	34	28	51	50
Miles of sanitary sewer mains designed for replacement or rehabilitation	Improve Infrastructure	40	22	41	40

\*Excludes Land Management programs

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Utility Chief Technical Officer	EX2	1	1	1	1
Senior Technical Advisor <sup>2</sup>	EX3	1	0	0	0
Capital Improvement Program Manager <sup>4</sup>	EX3	1	1	1	0
Energy Management Coordinator	EX4	1	1	0	1
Utility Lead Architect <sup>2</sup>	EX5	0	1	0	1
Construction Superintendent	134	1	1	1	1
Engineering Program Administrator <sup>1,5</sup>	129	2	2	0	0
Utility Engineer Associate <sup>3,5</sup>	128	0	1	1	0
<b>Total Personnel</b>		<b>7</b>	<b>8</b>	<b>4</b>	<b>4</b>

<sup>1</sup>FY2020-21 Add one Engineering Program Administrator per Human Resources off cycle budget staffing change request

<sup>2</sup>FY2021-22 Delete Senior Technical Advisor and add Utility Lead Architect per Issue Paper

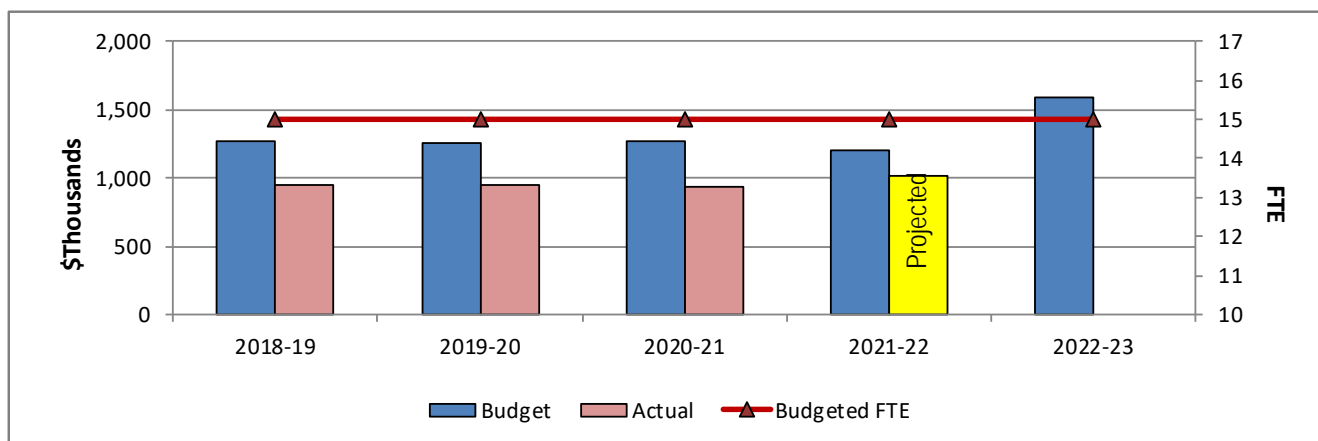
<sup>3</sup>FY2021-22 Transferred one Utility Engineer Associate from section 325 per Human Resources off cycle budget staffing change request

<sup>4</sup>FY2022-23 Transferred Capital Improvement Program Manager to new section 350 per Issue Paper

<sup>5</sup>FY2022-23 Delete two Engineering Program Administrators, and one Utility Engineer Associate per Issue Paper



OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<b>PERSONNEL SERVICES</b>				
7020	O & M Salaries and Wages	808,547	973,000	809,865	1,036,000
7750	Worker's Compensation	4,477	5,000	5,091	5,000
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	<b>813,024</b>	<b>978,000</b>	<b>814,955</b>	<b>1,041,000</b>
	<b>MATERIALS &amp; SUPPLIES</b>				
7560	Office Supplies & Printing	2,096	4,000	2,248	3,000
7740	Rental of Equipment	8,877	6,900	5,697	6,900
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	<b>10,973</b>	<b>10,900</b>	<b>7,945</b>	<b>9,900</b>
	<b>MAINTENANCE</b>				
7680	Communication Equipment	3,908	4,400	3,690	4,800
	<b>TOTAL MAINTENANCE</b>	<b>3,908</b>	<b>4,400</b>	<b>3,690</b>	<b>4,800</b>
	<b>MISCELLANEOUS</b>				
7100	Rent	50,400	49,400	49,400	49,800
7120	Transportation	4,979	4,000	3,741	4,000
7260	Expense of Supervisor & Employees	2,175	8,100	9,003	20,000
7640	Uniforms	170	400	170	400
7720	Professional Services	21,387	100,000	100,000	400,000
7730	Special Services	14,478	26,200	1,977	25,800
7780	Miscellaneous Expense	534	1,000	766	1,200
7790	Software/Hardware Expense	19,468	20,600	20,000	29,100
	<b>TOTAL MISCELLANEOUS</b>	<b>113,591</b>	<b>209,700</b>	<b>185,057</b>	<b>530,300</b>
	<b>TOTAL - ALL ACCOUNTS</b>	<b>941,496</b>	<b>1,203,000</b>	<b>1,011,647</b>	<b>1,586,000</b>

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**

**315 WATER & WASTEWATER DESIGN**

## TECHNICAL SERVICES

**FUNCTION:**

Design, coordinate, and manage in-house engineering projects and studies with other divisions of the Utility, private consulting engineers, the City of El Paso, Texas Department of Transportation (TXDOT), U.S. Army Corps of Engineers and other utilities and agencies. Provide support to management of graphical presentations. Maintain record administration and provide support for new installations (water and sewer designs for subdivisions, extensions, and relocations). Enforce policies for engineering practices and design.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Major water and sanitary sewer design for In House, City of El Paso and TXDOT projects.	Improve Customer Satisfaction & Confidence	42	55	42	35
Improve Records Management and Maintenance. (Records are updated and readily accessible)	Improve Customer Satisfaction & Improve Efficiency	360	109	101	100
Projects Out for Construction (CIP-Water-40001,40002,40003 Sewer- 40062,40063,40064)	Improve Customer Satisfaction & Confidence, Improve Efficiency	100%	90%	90%	90%

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Engineering Division Manager	EX4	1	1	1	1
Utility Engineer	132	1	1	0	1
Civil Engineer	132	1	1	0	1
Utility Engineer Associate <sup>2,3</sup>	128	1	1	2	4
Engineering Associate <sup>2</sup>	126	2	2	2	0
Engineering Lead Technician	56	2	2	2	2
Engineering Senior Technician <sup>3</sup>	54	3	3	3	2
Computer Aided Design Drafting Technician <sup>1</sup>	52	2	3	1	3
Engineering Technician <sup>1</sup>	51	2	1	0	1
<b>Total Personnel</b>		<b>15</b>	<b>15</b>	<b>11</b>	<b>15</b>

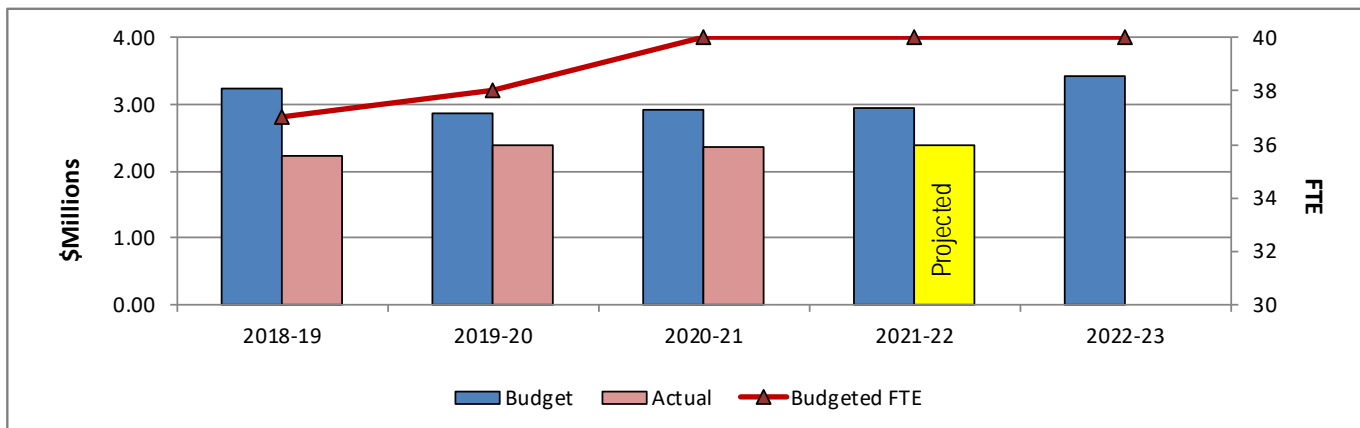
<sup>1</sup>FY2021-22 Upgrade one Engineering Technician to Computer Aided Design Drafting Technician per Issue Paper

<sup>2</sup>FY2022-23 Delete two Engineering Associate positions and add two Utility Engineer Associate positions per Issue Paper

<sup>3</sup>FY2022-23 Delete one Engineering Senior Technician and add one Utility Engineer Associate per Issue Paper

OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<u>PERSONNEL SERVICES</u>				
7020	O & M Salaries and Wages	1,967,424	2,370,000	2,051,626	2,386,000
7750	Worker's Compensation	3,964	15,400	7,300	15,400
	TOTAL PERSONNEL SERVICES (LOADED)	1,971,389	2,385,400	2,058,926	2,401,400
	<u>MATERIALS &amp; SUPPLIES</u>				
7560	Office Supplies & Printing	5,012	6,000	4,367	6,000
7620	Small Tools & Equipment	3,082	2,000	1,549	2,000
7740	Rental of Equipment	1,001	2,300	1,014	-
	TOTAL MATERIALS & SUPPLIES	9,095	10,300	6,930	8,000
	<u>MAINTENANCE</u>				
7680	Communication Equipment	15,160	19,300	19,675	20,200
	TOTAL MAINTENANCE	15,160	19,300	19,675	20,200
	<u>MISCELLANEOUS</u>				
7100	Rent	33,600	32,900	32,900	41,900
7120	Transportation	65,674	60,000	59,629	60,000
7260	Expense of Supervisor & Employees	8,255	20,000	11,166	25,000
7640	Uniforms	10,600	11,900	10,466	11,100
7720	Professional Services	115,975	280,000	81,059	645,000
7730	Special Services	625	32,300	2,401	73,200
7780	Miscellaneous Expense	18,668	14,400	23,831	14,100
7790	Software/Hardware Expense	114,531	89,500	83,279	119,100
	TOTAL MISCELLANEOUS	367,928	541,000	304,731	989,400
	TOTAL - ALL ACCOUNTS	2,363,572	2,956,000	2,390,261	3,419,000

## BUDGET TO ACTUAL AND BUDGETED PERSONNEL



**320 PLANNING & DEVELOPMENT**

## TECHNICAL SERVICES

**FUNCTION:**

**New Installations:** Process and collect charges for new service installations (water and/or sewer) as established by PSB Rules and Regulations. Process and collect impact fees for new water and sanitary sewer service installations as established by PSB Rules and Regulations. Maintain and administer records regarding past developments and existing services. Prepare and process paving cut permits for new installations.

**Development Services:** Prepare water and sanitary sewer availability comments for properties to assist in potential land development. Prepare (or review) water and sewer design plans for new developments. Prepare development agreements related to new water and sanitary sewer extensions in residential subdivisions and commercial developments. Attend meetings and prepare comments to the Development Coordinating Committee (DCC) and the City Planning Commission (CPC) regarding rezoning requests, development of master plans, detailed site plans, and proposed subdivisions. Provide technical assistance in the preparation and submittal of grant funding requests. Design, coordinate and manage in-house water and sewer projects that are development driven.

**Planning:** Perform water and sewer planning analysis and hydraulic modeling analysis to determine the size of facilities and/or required facilities upgrades. Prepare cost estimates for proposed major infrastructure.

**Field Inspections – Water and Sewer:** Provide line and grade for construction of water and sewer mains and related structures. Perform land surveying for laying out or defining properties and easements. Obtain as-built information on water and sewer construction. Provide inspection of water and sewer work performed by contractors except projects engineered by consultants. Prepare completion certificates for the conveyance of facilities constructed under Developer Agreements. Mark the location of water, reclaimed water and sewer mains for contractors, plumbers, and other utility companies.

**Field Inspections – Paving:** Provide backfill, 2-sack and paving inspections for work performed by EPWater crews.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Average response time for availability letters (business days)	Increase Customer Satisfaction & Confidence	8	9	10	10
Average processing time for service applications (business days)	Increase Customer Satisfaction & Confidence	15	21	15	10
Processing time for execution of development agreements (business days)	Increase Customer Satisfaction & Confidence	6	2	5	5

**320 PLANNING & DEVELOPMENT**

## TECHNICAL SERVICES

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Engineering Division Manager	EX4	1	1	1	1
Construction Superintendent <sup>7</sup>	134	0	0	0	1
Civil Engineer	132	1	1	0	1
Utility Engineer Associate	128	4	4	5	4
Civil Engineer Associate	128	2	2	0	2
Engineering Associate	126	1	1	1	1
Chief Construction Inspector <sup>7</sup>	126	1	1	0	0
Engineering Lead Technician <sup>1,4</sup>	56	3	4	4	4
Engineering Senior Technician <sup>2,3,6</sup>	54	13	13	11	14
Engineering Technician <sup>2,3,5</sup>	51	9	9	3	10
Engineering Aide	46	0	0	1	0
Customer Relations Clerk	45	2	2	2	2
<b>Total Personnel</b>		<b>37</b>	<b>38</b>	<b>28</b>	<b>40</b>

<sup>1</sup>FY2020-21 Add one Engineering Lead Technician per Issue Paper

<sup>2</sup>FY2020-21 Upgrade one Engineering Technician to Engineering Senior Technician per Issue Paper

<sup>3</sup>FY2020-21 Delete one Engineering Technician and one Senior Engineering Technician per Human Resources off cycle budget staffing change request

<sup>4</sup>FY2021-22 Add one Engineering Lead Technician per Issue Paper

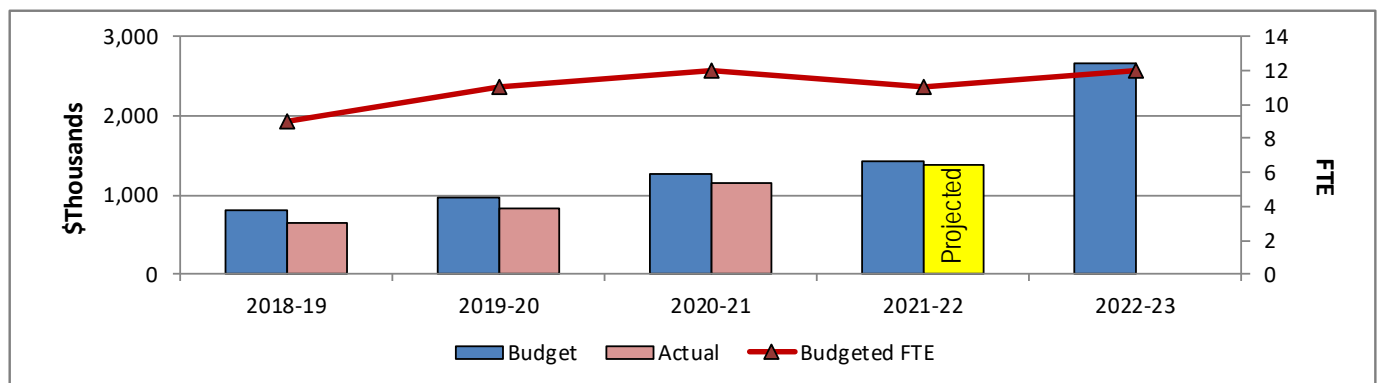
<sup>5</sup>FY2022-23 Add one Engineering Technician per Issue Paper

<sup>6</sup>FY2022-23 Add one Engineering Senior Technician per Issue Paper

<sup>7</sup>FY2022-23 Delete Chief Construction Inspector and add Construction Superintendent per Issue Paper

**OPERATING AND MAINTENANCE BUDGET**

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
<b>PERSONNEL SERVICES</b>					
7020	O & M Salaries and Wages	855,049	962,000	843,926	1,016,000
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	855,049	962,000	843,926	1,016,000
<b>MATERIALS &amp; SUPPLIES</b>					
7560	Office Supplies & Printing	1,212	2,000	1,509	3,000
7740	Rental of Equipment	2,793	1,700	1,949	1,700
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	4,005	3,700	3,458	4,700
<b>MAINTENANCE</b>					
7680	Communication Equipment	7,193	8,100	7,339	9,300
	<b>TOTAL MAINTENANCE</b>	7,193	8,100	7,339	9,300
<b>MISCELLANEOUS</b>					
7100	Rent	35,160	35,500	35,500	33,600
7120	Transportation	8,284	6,000	11,798	15,000
7260	Expense of Supervisor & Employees	798	9,200	18,643	23,000
7640	Uniform	170	800	851	1,400
7720	Professional Services	221,257	355,000	450,000	1,500,000
7730	Special Services	2,075	34,000	3,212	33,900
7780	Miscellaneous Expense	121	600	1,357	2,100
7790	Software/Hardware Expense	13,185	5,100	6,022	9,000
	<b>TOTAL MISCELLANEOUS</b>	281,049	446,200	527,384	1,618,000
	<b>TOTAL - ALL ACCOUNTS</b>	1,147,296	1,420,000	1,382,107	2,648,000

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**

**325 ENGINEERING PROJECT MANAGEMENT**

## TECHNICAL SERVICES

**FUNCTION:**

Negotiate, administer and manage all consulting contracts for planning, pre-design, design and construction management services of major water, sewer and reclaimed water capital improvements projects. Determine policies for standard engineering practices, design, construction and technical specifications. Provide engineering support to the planning, design and operations sections of EPWater.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Percent of budgeted design water projects contracted.	Improve Infrastructure	21 of 27 = 78%	13 of 28 = 46%	19 of 23 = 82%	100%
Percent of budgeted design Sanitary sewer system and Reclaimed water system projects contracted.	Improve Infrastructure	28 of 34 = 82%	18 of 22 = 81%	20 of 24 = 83%	100%
Percent of budgeted construction Water projects contracted	Improve Infrastructure	6 of 10 = 60%	6 of 12 = 50%	12 of 19 = 63%	100%
Percent of budgeted construction sanitary sewer & reclaimed water system projects contracted	Improve Infrastructure	17 of 28 = 61%	9 of 17 = 53%	9 of 23 = 39%	100%
Number of invoices for planning and design processed late	Improve Efficiency	61	11	37	0

Revised all performance measure on FY 20-21

Number Contracted of Number Budgeted = Percent Completed

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Engineering Division Manager	EX4	1	1	1	1
Capital Improvement Project Manager <sup>6,7</sup>	134	0	0	0	2
Utility Engineer <sup>2,3</sup>	132	4	4	3	4
Civil Engineer	132	2	2	0	2
Engineering Program Administrator <sup>3</sup>	129	0	0	0	0
Utility Engineer Associate <sup>4</sup>	128	2	1	1	1
Civil Engineer Associate	128	0	0	1	0
Capital Improvement Project Associate <sup>1,7</sup>	126	1	1	1	0
Engineer Associate <sup>1</sup>	126	1	1	2	1
Office Manager <sup>5</sup>	55	0	1	0	1
Senior Secretary <sup>5</sup>	49	1	0	1	0
<b>Total Personnel</b>		<b>12</b>	<b>11</b>	<b>10</b>	<b>12</b>

<sup>1</sup>FY2020-21 Delete one Capital Improvement Project Associate and add one Engineer Associate per Human Resources off cycle budget staffing change request

<sup>2</sup>FY2020-21 Moved one Utility Engineer from section 335 per HR off cycle budget staffing change request

<sup>3</sup>FY2020-21 Delete Engineering Program Administrator and add one Utility Engineer per Human Resources off cycle budget staffing change request

<sup>4</sup>FY2021-22 Transfer one Utility Engineer Associate to section 310 per Human Resources off cycle budget staffing change request

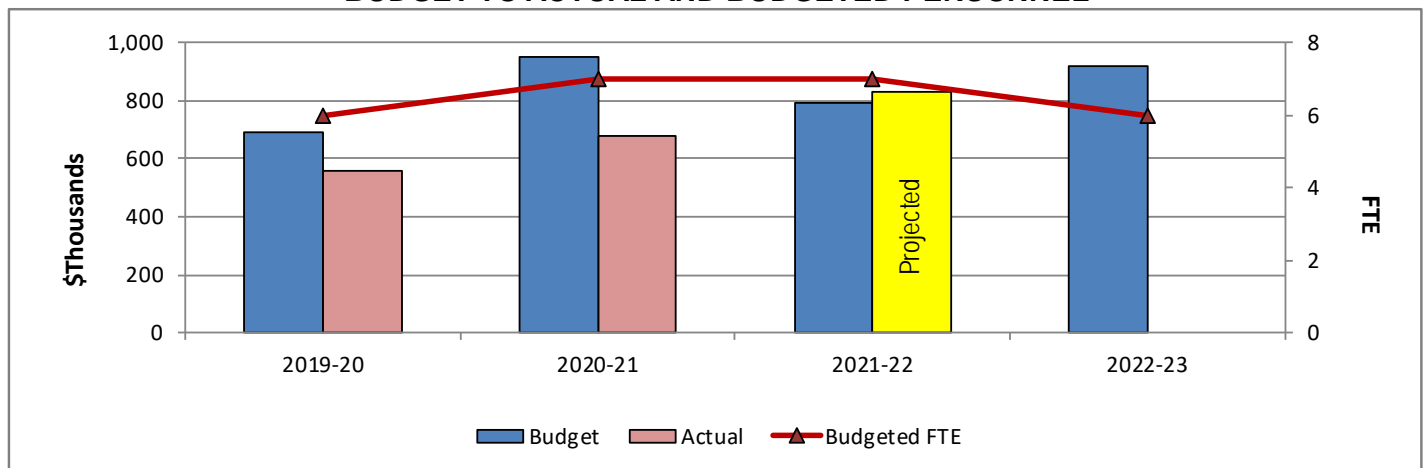
<sup>5</sup>FY2021-22 Senior Secretary GS49 deleted and Office Manager GS55 added per Issue Paper

<sup>6</sup>FY2022-23 Add one Capital Improvement Project Manager per Issue Paper

<sup>7</sup>FY2022-23 Delete Capital Improvement Project Associate and add one Capital Improvement Project Manager per Issue Paper

**OPERATING AND MAINTENANCE BUDGET**

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<u>PERSONNEL SERVICES</u>				
7020	O & M Salaries and Wages	423,116	554,000	455,342	574,000
7750	Worker's Compensation	-	1,800	861	1,800
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	<b>423,116</b>	<b>555,800</b>	<b>456,203</b>	<b>575,800</b>
	<u>MATERIALS &amp; SUPPLIES</u>				
7560	Office Supplies & Printing	436	1,000	539	1,000
7740	Rental of Equipment	1,106	4,000	1,907	-
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	<b>1,542</b>	<b>5,000</b>	<b>2,446</b>	<b>1,000</b>
	<u>MAINTENANCE</u>				
7680	Communication Equipment	8,265	8,600	12,229	9,400
	<b>TOTAL MAINTENANCE</b>	<b>8,265</b>	<b>8,600</b>	<b>12,229</b>	<b>9,400</b>
	<u>MISCELLANEOUS</u>				
7100	Rent	17,520	14,000	14,000	13,100
7120	Transportation	11,372	11,000	26,898	20,000
7260	Expense of Supervisor & Employees	2,445	10,000	6,081	15,000
7640	Uniform	831	2,000	1,410	1,000
7720	Professional Services	147,605	110,000	235,000	200,000
7780	Miscellaneous Expense	316	600	358	4,800
7790	Software/Hardware Expense	62,229	77,000	77,000	80,900
	<b>TOTAL MISCELLANEOUS</b>	<b>242,319</b>	<b>224,600</b>	<b>360,747</b>	<b>334,800</b>
	<b>TOTAL - ALL ACCOUNTS</b>	<b>675,241</b>	<b>794,000</b>	<b>831,626</b>	<b>921,000</b>

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**



**335 CONSTRUCTION PROJECT MANAGEMENT**

## TECHNICAL SERVICES

**FUNCTION:**

Negotiate, administer and manage consulting contracts for construction of major water, sewer, reclaimed and stormwater projects. Manage and perform inspection duties on construction projects.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Change order variance (change in project cost from original awarded amount)	Improve Efficiency	6.32%	1.12%	5.0%	5.0%
Percentage of projects substantially complete within 30 days of the initial baseline schedule	Improve Efficiency, Strengthen Financial Viability	33%	37.5%	40%	75%
Number of construction payment applications processed late	Improve Efficiency	15	17	21	0

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Utility Construction Engineering Division Manager	EX3	1	1	0	1
Engineering Division Manager	EX4	0	0	1	0
Construction Superintendent <sup>5</sup>	134	3	3	3	4
Utility Engineer <sup>4</sup>	132	0	0	0	0
Chief Construction Inspector <sup>3</sup>	126	1	1	0	1
Engineering Lead Technician	56	0	0	0	0
Engineering Senior Technician <sup>1</sup>	54	0	0	0	0
Water Services Inspector <sup>1,5</sup>	50	1	1	0	0
Construction Inspector <sup>2,5</sup>	48	1	1	0	0
<b>Total Personnel</b>		<b>7</b>	<b>7</b>	<b>4</b>	<b>6</b>

<sup>1</sup>FY2020-21 Delete one Engineering Senior Technician and add one Water Services Inspector per Issue Paper

<sup>2</sup>FY2020-21 Add one Construction Inspector per Issue Paper

<sup>3</sup>FY2020-21 Add one Chief Construction Inspector per Issue Paper

<sup>4</sup>FY2020-21 Move Utility Engineer to section 325 per Human Resources off cycle budget staffing change request

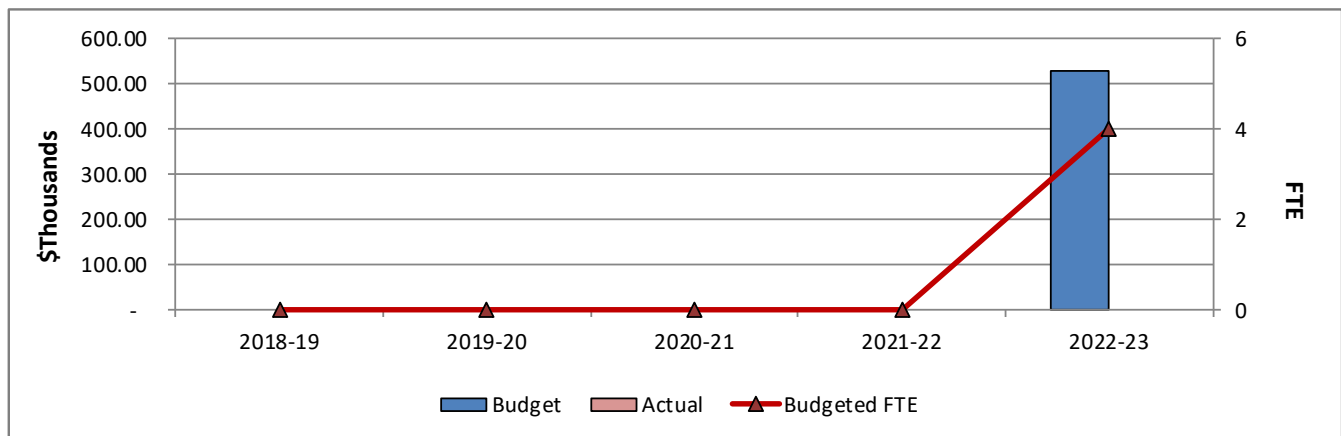
<sup>5</sup>FY2022-23 Delete Construction Inspector, delete Water Services Inspector, and add one Construction Superintendent per Issue Paper

**350 CAPITAL IMPROVEMENT PROGRAM MANAGEMENT**

## TECHNICAL SERVICES

<b>OPERATING AND MAINTENANCE BUDGET</b>					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
7020	<u>PERSONNEL SERVICES</u>				
	O & M Salaries and Wages	-	-	-	414,000
	TOTAL PERSONNEL SERVICES (LOADED)	-	-	-	414,000
7560	<u>MATERIALS &amp; SUPPLIES</u>				
	Office Supplies & Printing	-	-	-	1,500
	TOTAL MATERIALS & SUPPLIES	-	-	-	1,500
7680	<u>MAINTENANCE</u>				
	Communication Equipment	-	-	-	3,150
	TOTAL MAINTENANCE	-	-	-	3,150
7100 7120 7260 7720 7730 7780 7790	<u>MISCELLANEOUS</u>				
	Rent	-	-	-	8,600
	Transportation	-	-	-	2,000
	Expense of Supervisor & Employees	-	-	-	15,800
	Professional Services	-	-	-	50,000
	Special Services	-	-	-	24,700
	Miscellaneous Expense	-	-	-	350
	Software/Hardware Expense	-	-	-	7,900
	TOTAL MISCELLANEOUS	-	-	-	109,350
	TOTAL - ALL ACCOUNTS	-	-	-	528,000

**TECHNICAL SERVICES  
BUDGET TO ACTUAL AND BUDGETED PERSONNEL**



**350 CAPITAL IMPROVEMENT PROGRAM MANAGEMENT**

## TECHNICAL SERVICES

**FUNCTION:**

Administer the execution of the Capital Improvements Program for water, wastewater, reclaimed water and stormwater portfolios. Maintains record of the 10-year capital improvements budget needs and schedule for the organization and administers the capital budget by assigning approved budgeted funds to each project. Implements project management processes and initiatives throughout the organization and serves the function of a Project Management Office (PMO).

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Percent of annual Capital Improvement Program budget spent*	Strengthen Financial Viability	72%	52%	52%	65%
Ratio of number new design projects started vs. budgeted	Improve Infrastructure	NT	NT	NT	84/99 (85%)
Ratio of number new construction projects bid vs. budgeted	Improve Infrastructure	NT	NT	NT	191/225 (85%)

\*Excludes Land Management programs

NT = Not Tracked

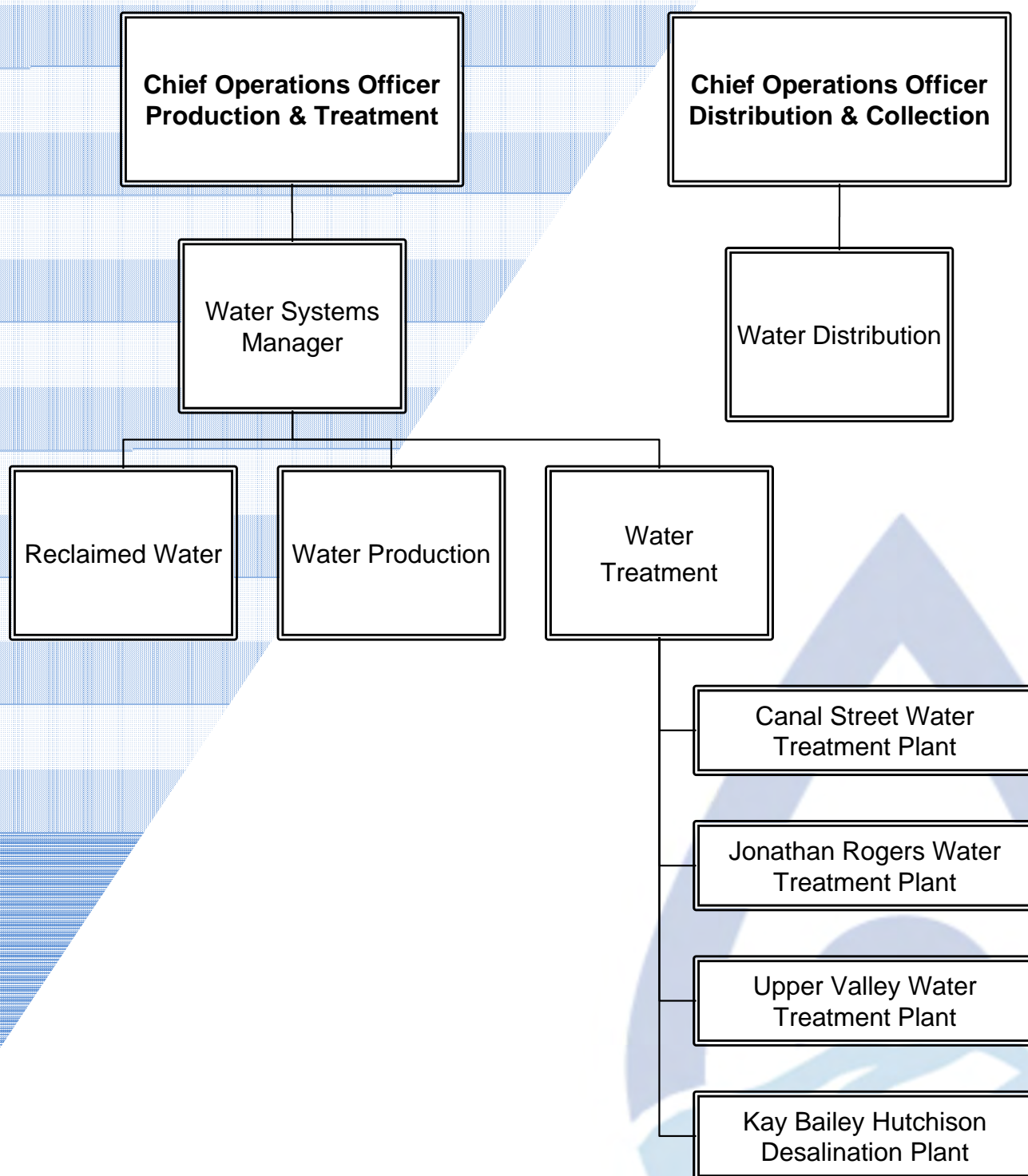
Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Capital Improvement Program Manager <sup>1</sup>	EX3	0	0	0	1
Capital Improvements Program Administrator <sup>3</sup>	EX5	0	0	0	1
Utility Infrastructure Program Administrator <sup>2</sup>	132	0	0	0	3
<b>Total Personnel</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>

<sup>1</sup>FY2022-23 Capital Improvement Program Manager, two Engineering Program Administrators, and Utility Engineer Associate transferred from section 310 per Issue Paper

<sup>2</sup>FY2022-23 Add three Utility Infrastructure Program Administrator per Issue Paper

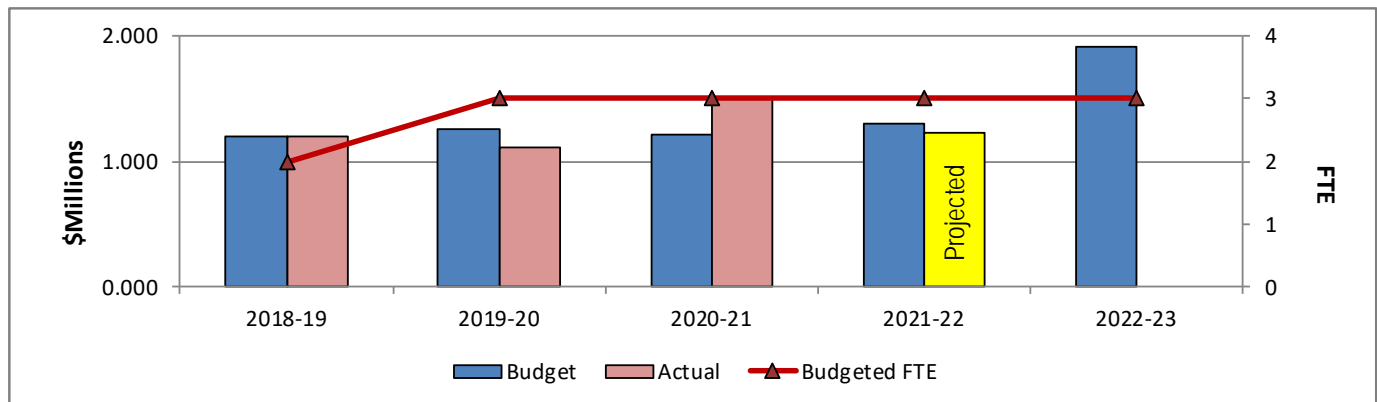
<sup>3</sup>FY2022-23 Capital Improvements Program Administrator added per Issue Paper

## Water Division



OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<u>PERSONNEL SERVICES</u>				
7020	O & M Salaries and Wages	232,923	365,000	305,862	371,000
7750	Worker's Compensation	822	-	3,806	-
	TOTAL PERSONNEL SERVICES (LOADED)	233,744	365,000	309,668	371,000
	<u>MATERIALS &amp; SUPPLIES</u>				
7240	Laboratory Supplies & Testing	92,798	100,000	77,407	100,000
7560	Office Supplies & Printing	5,592	12,000	4,340	10,000
	TOTAL MATERIALS & SUPPLIES	98,390	112,000	81,747	110,000
	<u>MAINTENANCE</u>				
7680	Communication Equipment	1,564	3,600	1,640	3,800
	TOTAL MAINTENANCE	1,564	3,600	1,640	3,800
	<u>MISCELLANEOUS</u>				
7100	Rent	-	-	-	12,600
7120	Transportation	4,846	4,000	3,330	4,000
7160	Permit Fees to State	494,245	496,000	493,986	496,000
7260	Expense of Supervisor & Employees	12,645	10,000	10,794	10,000
7420	Postage	393	1,000	419	1,000
7700	Insurance	1,080	1,300	1,300	1,400
7720	Professional Services	554,882	300,000	280,807	896,000
7780	Miscellaneous Expense	25	500	135	700
7790	Software/Hardware Expense	94,392	3,600	47,196	6,500
	TOTAL MISCELLANEOUS	1,162,509	816,400	837,967	1,428,200
	TOTAL - ALL ACCOUNTS	1,496,207	1,297,000	1,231,022	1,913,000

**WATER DIVISION OFFICE  
BUDGET TO ACTUAL AND BUDGETED PERSONNEL**



**410 WATER DIVISION OFFICE**

WATER

**FUNCTION:**

Responsible for providing safe drinking water that meets all federal and state requirements from surface and underground sources at adequate pressure and volume through approximately 2,856 miles of water lines to approximately 218,714 customer connections. Provide general supervision of the maintenance, operation, and construction of the water supply and production system.

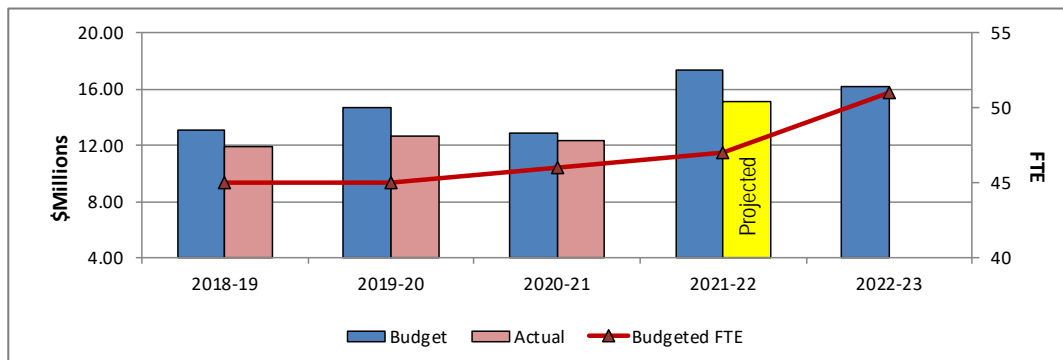
PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Total Water Production FTE's per 1,000 water service customers	Improve Efficiency	0.47	0.46	0.42	0.46
Number of pilot studies/research projects	Improve Efficiency	3	3	3	3
Total cost per 1,000 gallons produced	Strengthen Financial Viability	\$0.86	\$0.87	\$0.91	\$0.85
Total water production 1,000's of gallons per FY	Improve Efficiency	37,680,303	40,793,006	40,196,841	40,500,000

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Water Systems Division Manager	EX3	1	1	1	1
Water Supply Manager	EX4	1	1	1	1
Utility Plant Chief Superintendent	132	1	1	0	1
<b>Total Personnel</b>		<b>3</b>	<b>3</b>	<b>2</b>	<b>3</b>

**420 WATER PRODUCTION**

WATER

<b>OPERATING AND MAINTENANCE BUDGET</b>					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<u><b>PERSONNEL SERVICES</b></u>				
7020	O & M Salaries and Wages	2,310,712	2,504,000	2,216,978	2,686,000
7750	Worker's Compensation	42,696	23,700	37,347	23,700
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	<b>2,353,408</b>	<b>2,527,700</b>	<b>2,254,325</b>	<b>2,709,700</b>
	<u><b>MATERIALS &amp; SUPPLIES</b></u>				
7500	Chemicals	358,237	2,000,000	1,744,070	1,000,000
7560	Office Supplies & Printing	6,885	6,500	7,094	6,500
7620	Small Tools & Equipment	20,427	15,800	15,086	15,000
7740	Rental of Equipment	4,299	7,000	5,291	8,300
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	<b>389,848</b>	<b>2,029,300</b>	<b>1,771,541</b>	<b>1,029,800</b>
	<u><b>MAINTENANCE</b></u>				
7380	Landscaping	266,219	300,000	282,935	300,000
7660	Building Services	25,669	12,000	15,089	-
7680	Communication Equipment	213,889	13,900	216,285	229,300
7850	Maintenance of Equipment	1,694,015	1,900,000	1,918,873	2,910,000
7930	Maintenance of Structures & Improvements	152,477	210,000	121,171	150,000
7950	Maintenance of Cathodic Protection	13,750	20,000	110,071	160,000
	<b>TOTAL MAINTENANCE</b>	<b>2,366,019</b>	<b>2,455,900</b>	<b>2,664,423</b>	<b>3,749,300</b>
	<u><b>UTILITIES</b></u>				
7060	Electricity Expense	5,847,667	8,500,000	6,799,413	6,878,500
7710	Natural Gas Expense	434,605	600,000	637,705	648,000
7760	Utilities	141,340	80,000	107,501	110,000
	<b>TOTAL UTILITIES</b>	<b>6,423,612</b>	<b>9,180,000</b>	<b>7,544,619</b>	<b>7,636,500</b>
	<u><b>MISCELLANEOUS</b></u>				
7100	Rent	-	-	-	198,100
7120	Transportation	173,555	180,000	179,805	180,000
7260	Expense of Supervisor & Employees	29,106	31,000	25,601	34,000
7320	Lease of Land	324,403	323,000	322,458	323,000
7640	Uniforms	37,801	35,400	29,623	36,700
7700	Insurance	76,560	96,900	96,900	103,200
7770	Security Services	24,449	14,000	19,296	8,100
7780	Miscellaneous Expense	10,075	4,400	3,161	3,900
7790	Software/Hardware Expense	123,527	443,400	223,974	184,700
	<b>TOTAL MISCELLANEOUS</b>	<b>799,476</b>	<b>1,128,100</b>	<b>900,818</b>	<b>1,071,700</b>
	<b>TOTAL - ALL ACCOUNTS</b>	<b>12,332,363</b>	<b>17,321,000</b>	<b>15,135,727</b>	<b>16,197,000</b>

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**

**420 WATER PRODUCTION**

## WATER

**FUNCTION:**

Maintain and operate 120 wells, 80 potable reservoirs, 222 boosters and 53 booster stations equipped with chlorination equipment for the purpose of providing, at an adequate pressure, a supply of safe water demanded by the public, including fire protection. Schedule the operation and maintenance of equipment to stabilize water pressure for the City and adjacent areas. Operate a computer supervisory control and data acquisition system (SCADA) to improve overall operation of the water system. Maintain all pumping equipment, including wells and boosters. In addition, we operate, maintain and monitor 6 reclaim booster stations, 7 reuse water reservoirs and 21 reuse boosters.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Reservoirs scheduled for maintenance or reconstruction	Improve Infrastructure	2	3	3	4
Wells receiving corrective maintenance	Improve Infrastructure	26	15	32	32
Number of electric pump motors receiving PM	Improve Infrastructure	300	469	469	469

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Water Production Manager	EX5	1	1	1	1
Water Production Superintendent	130	1	1	1	1
Water Production Assistant Superintendent	125	2	2	1	2
Electrician Supervisor <sup>2</sup>	56	0	0	0	0
Industrial Electrician <sup>2</sup>	55	3	3	3	3
Utility Lead Maintenance Mechanic	54	7	7	6	7
Utility Central Control Operator <sup>7</sup>	54	7	7	5	8
Utility Plant Senior Technician	52	1	1	0	1
Maintenance Mechanic <sup>3,5</sup>	51	4	5	2	6
Utility Plant Technician <sup>4</sup>	50	14	14	8	15
Trades Helper <sup>1,6</sup>	45	6	6	4	7
<b>Total Personnel</b>		<b>46</b>	<b>47</b>	<b>31</b>	<b>51</b>

<sup>1</sup>FY2020-21 Add one Trades Helper per Issue Paper

<sup>2</sup>FY2020-21 Delete one Electrician Supervisor and add one Industrial Electrician per Issue Paper

<sup>3</sup>FY2021-22 Add one Maintenance Mechanic per Issue Paper

<sup>4</sup>FY2022-23 Add one Utility Plant Technician per Issue Paper

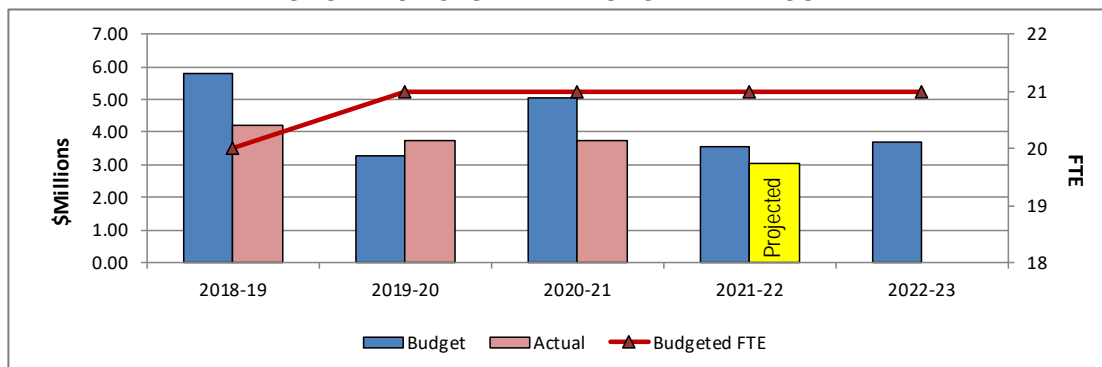
<sup>5</sup>FY2022-23 Add one Maintenance Mechanic per Issue Paper

<sup>6</sup>FY2022-23 Add one Trades Helper per Issue Paper

<sup>7</sup>FY2022-23 Add one Utility Central Control Operator per Issue Paper



OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<b>PERSONNEL SERVICES</b>				
7020	O & M Salaries and Wages	989,069	1,095,000	941,710	1,114,000
7750	Worker's Compensation	6,861	20,000	36,069	20,000
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	<b>995,930</b>	<b>1,115,000</b>	<b>977,778</b>	<b>1,134,000</b>
	<b>MATERIALS &amp; SUPPLIES</b>				
7080	Water Purchased for Resale	324,340	200,000	187,891	200,000
7240	Laboratory Supplies & Testing	25,820	15,000	10,918	20,000
7500	Chemicals	888,868	800,000	601,614	800,000
7560	Office Supplies & Printing	1,412	2,200	2,101	2,000
7620	Small Tools & Equipment	5,019	7,000	6,161	6,500
7740	Lease Equipment	3,561	8,000	3,871	9,700
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	<b>1,249,020</b>	<b>1,032,200</b>	<b>812,556</b>	<b>1,038,200</b>
	<b>MAINTENANCE</b>				
7090	Water Rights Land Expense	273,145	200,000	271,687	165,000
7380	Landscaping	2,500	2,000	1,797	3,000
7660	Building Services	57,142	70,000	38,070	60,000
7680	Communication Equipment	3,509	2,800	2,954	3,000
7850	Maintenance of Equipment	222,359	520,000	400,035	450,000
7930	Maintenance of Structures & Improvements	12,909	18,000	13,183	15,000
	<b>TOTAL MAINTENANCE</b>	<b>571,564</b>	<b>812,800</b>	<b>727,726</b>	<b>696,000</b>
	<b>UTILITIES</b>				
7060	Electricity Expense	517,972	190,000	193,710	405,000
7760	Utilities	246,607	225,000	185,460	200,000
	<b>TOTAL UTILITIES</b>	<b>764,579</b>	<b>415,000</b>	<b>379,170</b>	<b>605,000</b>
	<b>MISCELLANEOUS</b>				
7120	Transportation	9,524	10,000	7,364	10,000
7260	Expense of Supervisor & Employees	8,372	8,000	9,380	8,000
7640	Uniforms	23,591	24,500	19,691	20,000
7700	Insurance	17,640	22,300	22,300	23,700
7770	Security Services	78,928	113,900	94,271	157,500
7780	Miscellaneous Expense	150	800	209	1,000
7790	Software/Hardware Expense	1,696	8,500	1,414	10,600
	<b>TOTAL MISCELLANEOUS</b>	<b>139,902</b>	<b>188,000</b>	<b>154,629</b>	<b>230,800</b>
	<b>TOTAL - ALL ACCOUNTS</b>	<b>3,720,995</b>	<b>3,563,000</b>	<b>3,051,859</b>	<b>3,704,000</b>

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**

## WATER

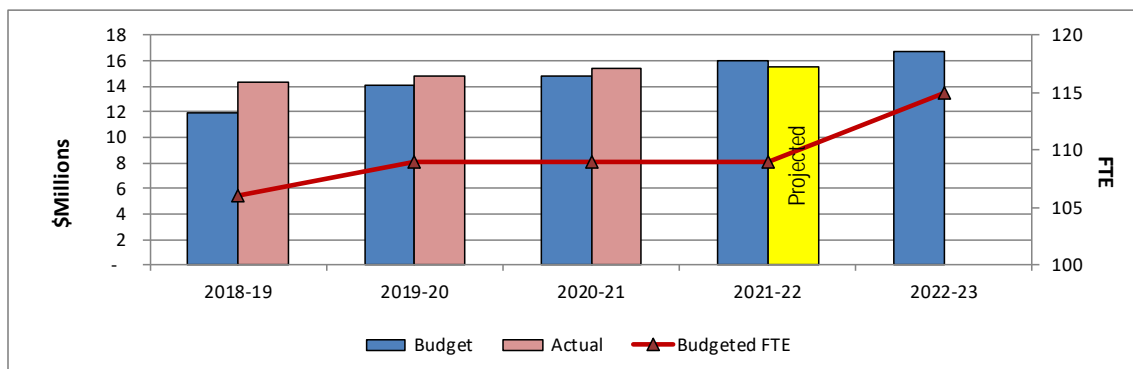
**FUNCTION:**

The treatment capacity for the Canal Water Treatment Plant is 40 MGD. The primary function is to treat surface water from the Rio Grande and produce water that meets all standards of the Safe Drinking Water Act and the State of Texas. Maintain all equipment and structures at the treatment plant in order to receive treat and distribute the maximum volume of water from available raw water sources.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Finished water as a percent of raw water	Improve Efficiency	96.1%	96.1%	96.1%	96.5%
Total production days during February to October season	Increase Customer Satisfaction & Confidence	128	189	66	120
Total volume of surface water treated (billions of gallons)	Increase Customer Satisfaction & Confidence	3.97814	4.75582	1.19939	3.60000
Cost of chemicals per 1,000 gal. of water treated	Strengthen Financial Viability	\$0.20	\$0.20	\$0.20	\$0.20

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Utility Plant Superintendent	130	1	1	1	1
Utility Plant Assistant Superintendent	125	2	2	2	2
Industrial Electrician	55	1	1	0	1
Utility Plant Lead Technician	55	6	6	2	6
Utility Plant Senior Technician	52	5	5	4	5
Utility Plant Technician	50	5	5	5	5
Senior Office Assistant	45	1	1	1	1
<b>Total Personnel</b>		<b>21</b>	<b>21</b>	<b>15</b>	<b>21</b>

OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<b>PERSONNEL SERVICES</b>				
7010	Capital Salaries and Wages	2,561,977	3,798,000	2,971,013	3,851,000
7020	O & M Salaries and Wages	1,883,137	1,628,000	1,664,797	1,650,000
7750	Worker's Compensation	249,951	150,000	247,277	125,000
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	<b>4,695,065</b>	<b>5,576,000</b>	<b>4,883,088</b>	<b>5,626,000</b>
	<b>MATERIALS &amp; SUPPLIES</b>				
7560	Office Supplies & Printing	4,557	2,000	6,352	17,000
7620	Small Tools & Equipment	112,131	110,000	72,469	100,000
7740	Rental/Lease of Equipment	7,242	2,700	1,584	2,700
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	<b>123,929</b>	<b>114,700</b>	<b>80,405</b>	<b>119,700</b>
	<b>MAINTENANCE</b>				
7660	Building Services	49,068	60,000	62,327	-
7680	Communication Equipment	40,273	44,200	38,650	50,000
7850	Maintenance of Equipment	122,504	200,000	109,116	150,000
7860	Maintenance of Services	2,812,954	2,700,000	2,689,166	2,700,000
7870	Maintenance of Fire Hydrants	788,386	800,000	674,251	800,000
7880	Maintenance of Mains	6,254,061	5,700,000	6,205,180	6,500,000
7930	Maintenance of Structures & Improvements	1,955	10,000	6,507	10,000
	<b>TOTAL MAINTENANCE</b>	<b>10,069,202</b>	<b>9,514,200</b>	<b>9,785,197</b>	<b>10,210,000</b>
	<b>UTILITIES</b>				
7760	Utilities	40,926	50,000	41,192	-
	<b>TOTAL UTILITIES</b>	<b>40,926</b>	<b>50,000</b>	<b>41,192</b>	<b>-</b>
	<b>MISCELLANEOUS</b>				
7100	Rent	-	-	-	117,400
7120	Transportation	262,712	320,000	292,404	320,000
7260	Expense of Supervisor & Employees	23,310	40,000	30,270	40,000
7640	Uniforms	104,370	100,000	108,000	111,000
7720	Professional Services	-	25,000	-	30,000
7730	Special Services	399	20,900	19,646	25,100
7770	Security Services	66,333	70,000	46,291	-
7780	Miscellaneous Expense	16,158	5,100	10,102	4,900
7790	Software/Hardware Expense	26,137	187,100	152,636	73,900
	<b>TOTAL MISCELLANEOUS</b>	<b>499,419</b>	<b>768,100</b>	<b>659,349</b>	<b>722,300</b>
	<b>TOTAL - ALL ACCOUNTS</b>	<b>15,428,541</b>	<b>16,023,000</b>	<b>15,449,230</b>	<b>16,678,000</b>

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**

**440 WATER DISTRIBUTION****WATER****FUNCTION:**

Provide preventive and emergency maintenance of all water distribution systems, including over 2,700 miles of water mains and over 200,000 water service connections, fire hydrants, and valves. Perform construction of these facilities as required and supervise water main installations. Three crews are assigned to pipe replacement program and one crew to new construction and miscellaneous extensions. Operate and supervise the dispatch center.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2021-22 GOAL
Percentage of all large main breaks (>12 inches) isolated in less than 2 hours	Improve Efficiency	25%	42%	46%	50%
Percent reduction in number of main breaks or leaks from previous year (number of breaks or leaks)	Improve Infrastructure	-5.19% (201)	30% (142)	-7.74% (153)	10% (138)
Average number of repair work orders open at the end of each week	Improve Efficiency	190	1200	1000	300
Average number of open new water service installation work orders at the end of each week (Added FY 2015-16)	Improve Efficiency	42	15	15	30
Average number of new service installations completed each week	Improve Customer Satisfaction & Confidence, Improve Efficiency	10	8	6	12
Number of leak detection logger patrol cycles on all installed loggers	Strengthen Financial Viability	11.88	11.86	11.87	12
Number of SCCP transmission main priority projects assessed for condition	Improve Infrastructure	3	0	3	3
Percentage of employees monitored and scheduled for Class C certification course requirements (both initial and renewal)	Improve Knowledge, Skills & Abilities	88%	80%	85%	90%
Percentage of supervisory employees with Class C certification two years after hire	Improve Knowledge, Skills & Abilities	92%	94%	96%	98%

**440 WATER DISTRIBUTION**

## WATER

<b>Positions</b>	<b>Pay Grade</b>	<b>Approved 2020-21</b>	<b>Approved 2021-22</b>	<b>Actual As Of 09/01/21</b>	<b>Approved 2022-23</b>
Water Distribution Systems Manager	EX5	1	1	0	1
Water Distribution Superintendent <sup>1</sup>	130	2	2	2	2
Mechanical Engineer Associate	128	1	1	1	1
Budget & Services Coordinator <sup>2</sup>	127	0	1	1	1
Water Distribution Assistant Superintendent	125	2	2	2	2
GIS Technician	122	1	1	1	1
Water Distribution Maintenance Trainer Supervisor <sup>5</sup>	55	0	0	0	1
Utility Construction Supervisor	54	2	2	2	2
Engineering Senior Technician	54	1	1	1	1
Water Service Worker Supervisor <sup>1</sup>	52	12	12	9	12
Communications Dispatcher Supervisor	52	1	1	1	1
Water Services Inspector	50	3	3	2	3
Communications Dispatcher <sup>4</sup>	50	5	5	5	6
Water Lead Service Worker <sup>3</sup>	48	15	15	12	17
Utility Pipelayer <sup>3</sup>	46	44	44	27	46
Senior Office Assistant	45	2	2	1	2
General Service Worker <sup>1</sup>	43	16	16	13	16
<b>Total Personnel</b>		<b>108</b>	<b>109</b>	<b>80</b>	<b>115</b>

<sup>1</sup>FY2020-21 Delete one Water Service Worker Supervisor, delete one General Service Worker and add one Water Distribution Superintendent per Human Resources off cycle budget staffing change request

<sup>2</sup>FY2021-22 Add Budget & Services Coordinator per Issue Paper

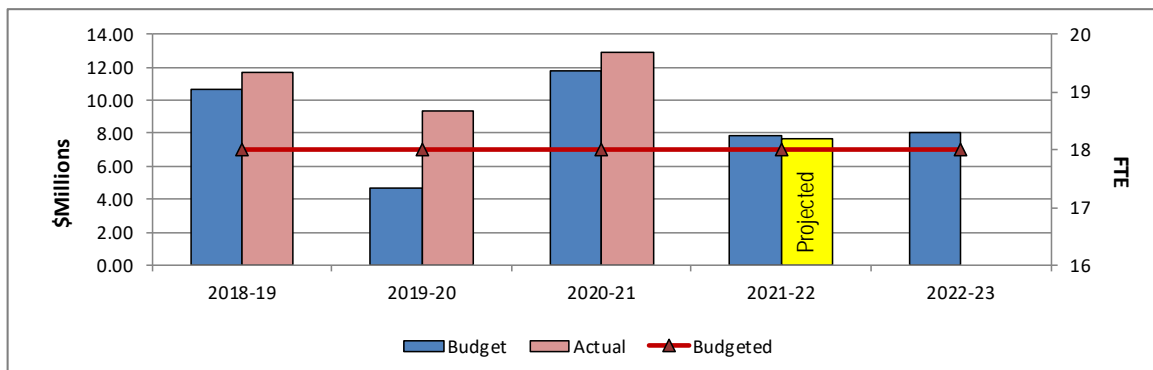
<sup>3</sup>FY2022-23 Add two Water Lead Service Worker positions and two Utility Pipelayer positions per Issue Paper

<sup>4</sup>FY2022-23 Add one Communication Dispatcher per Issue Paper

<sup>5</sup>FY2022-23 Add one Water Distribution Maintenance Trainer Supervisor per Issue Paper

OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<u>PERSONNEL SERVICES</u>				
7020	O & M Salaries and Wages	912,618	1,044,000	885,469	980,000
7750	Worker's Compensation	-	8,300	4,957	8,300
	TOTAL PERSONNEL SERVICES (LOADED)	912,618	1,052,300	890,426	988,300
	<u>MATERIALS &amp; SUPPLIES</u>				
7080	Water Purchased for Resale	6,962,770	2,800,000	2,972,397	2,800,000
7240	Laboratory Supplies & Testing	18,369	15,000	42,179	40,000
7500	Chemicals	1,630,484	800,000	700,824	853,000
7560	Office Supplies & Printing	3,529	3,500	3,233	3,500
7620	Small Tools & Equipment	9,824	15,000	7,742	8,000
7740	Rental of Equipment	30,093	2,200	13,417	32,200
	TOTAL MATERIALS & SUPPLIES	8,655,069	3,635,700	3,739,791	3,736,700
	<u>MAINTENANCE</u>				
7090	Water Rights Land Expense	288,640	200,000	295,047	200,000
7380	Landscape	20,035	30,000	26,119	30,000
7660	Building Services	36,949	40,000	36,625	40,000
7680	Communication Equipment	6,872	7,300	4,663	7,900
7850	Maintenance of Equipment	991,711	1,100,000	1,077,117	1,100,000
7930	Maintenance of Structures & Improvements	49,280	80,000	21,738	100,000
	TOTAL MAINTENANCE	1,393,487	1,457,300	1,461,309	1,477,900
	<u>UTILITIES</u>				
7060	Electricity Expense	572,178	550,000	471,034	625,000
7760	Utilities	520,303	195,000	388,281	350,000
	TOTAL UTILITIES	1,092,481	745,000	859,315	975,000
	<u>MISCELLANEOUS</u>				
7120	Transportation	14,787	20,000	18,114	20,000
7260	Expense of Supervisor & Employees	7,553	15,000	11,429	15,000
7530	Sludge Hauling & Disposal	666,801	800,000	605,725	650,000
7640	Uniforms	14,428	15,700	14,022	15,700
7700	Insurance	30,120	38,200	38,200	40,600
7770	Security Services	67,183	70,000	75,025	84,200
7780	Miscellaneous Expense	61	3,400	51	700
7790	Software/Hardware Expense	-	4,400	492	4,900
	TOTAL MISCELLANEOUS	800,933	966,700	763,058	831,100
	TOTAL - ALL ACCOUNTS	12,854,587	7,857,000	7,713,900	8,009,000

## BUDGET TO ACTUAL AND BUDGETED PERSONNEL



**450 JONATHAN ROGERS WATER TREATMENT PLANT**

WATER

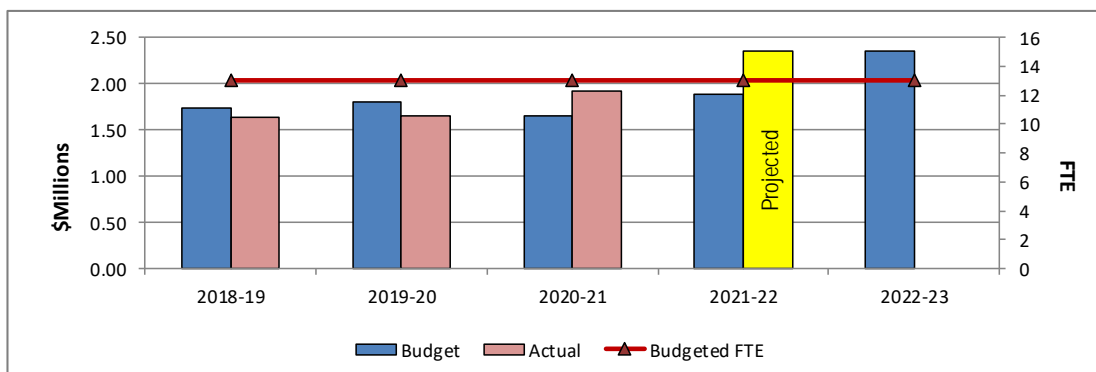
**FUNCTION:**

The primary function of this plant is to treat surface water from the Rio Grande River and produce water that meets all standards of the SDWA, EPA, and the State of Texas, and to maintain all equipment and structures at the treatment plant in order to receive, treat, and distribute the maximum volume of water from available raw water sources. The Jonathan W. Rogers WTP has a capacity to treat 60 MGD.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Finished water as a percent of raw water	Improve Efficiency	96%	95%	95%	96%
Total production days during February to October season	Increase Customer Satisfaction & Confidence	228	45	85	90
Total volume of surface water treated (billions of gallons)	Increase Customer Satisfaction & Confidence	10.60	2.70	4.88	4.88
Cost of chemicals per 1,000 gal. of water treated	Strengthen Financial Viability	\$0.14	\$0.13	\$0.13	\$0.13

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Utility Plant Superintendent	130	1	1	1	1
Utility Plant Assistant Superintendent	125	2	2	2	2
Industrial Electrician	55	1	1	1	1
Utility Plant Lead Technician	55	7	7	2	7
Utility Plant Senior Technician	52	3	3	3	3
Utility Plant Technician	50	3	3	6	3
Senior Office Assistant	45	1	1	1	1
<b>Total Personnel</b>		<b>18</b>	<b>18</b>	<b>16</b>	<b>18</b>

OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<b>PERSONNEL SERVICES</b>				
7020	O & M Salaries and Wages	628,546	690,000	591,587	692,000
7750	Worker's Compensation	410	8,300	4,273	8,300
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	<b>628,956</b>	<b>698,300</b>	<b>595,861</b>	<b>700,300</b>
	<b>MATERIALS &amp; SUPPLIES</b>				
7240	Laboratory Supplies & Testing	25,957	20,000	25,648	20,000
7500	Chemicals	509,732	408,000	573,106	745,000
7560	Office Supplies & Printing	1,360	3,500	2,225	3,500
7620	Small Tools & Equipment	2,377	3,500	2,493	3,500
7740	Rental of Equipment	3,324	1,600	1,580	3,200
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	<b>542,749</b>	<b>436,600</b>	<b>605,052</b>	<b>775,200</b>
	<b>MAINTENANCE</b>				
7380	Landscape	13,156	12,000	1,985	10,000
7660	Building Services	28,581	15,000	22,194	17,000
7680	Communication Equipment	1,336	1,400	1,450	1,500
7850	Maintenance of Equipment	355,645	312,000	396,373	400,000
7930	Maintenance of Structures & Improvements	11,752	20,000	60,000	35,000
	<b>TOTAL MAINTENANCE</b>	<b>410,470</b>	<b>360,400</b>	<b>482,002</b>	<b>463,500</b>
	<b>UTILITIES</b>				
7060	Electricity Expense	213,917	240,000	226,956	250,000
7760	Utilities	4,029	5,000	4,379	5,000
	<b>TOTAL UTILITIES</b>	<b>217,946</b>	<b>245,000</b>	<b>231,334</b>	<b>255,000</b>
	<b>MISCELLANEOUS</b>				
7120	Transportation	9,785	20,000	11,389	15,000
7260	Expense of Supervisor & Employees	5,852	5,000	11,281	5,000
7530	Sludge Hauling & Disposal	-	-	-	10,000
7640	Uniforms	7,065	7,500	6,799	7,500
7700	Insurance	15,120	19,100	19,100	20,300
7770	Security Services	81,451	86,000	79,558	94,800
7780	Miscellaneous Expense	1,203	1,000	1,120	900
7790	Software/Hardware Expense	-	5,100	6,200	5,500
	<b>TOTAL MISCELLANEOUS</b>	<b>120,476</b>	<b>143,700</b>	<b>135,446</b>	<b>159,000</b>
	<b>TOTAL - ALL ACCOUNTS</b>	<b>1,920,597</b>	<b>1,884,000</b>	<b>2,049,695</b>	<b>2,353,000</b>

**BUDGET TO ACTUAL BUDGETED PERSONNEL**



**470 UPPER VALLEY WATER TREATMENT PLANT**

## WATER

**FUNCTION:**

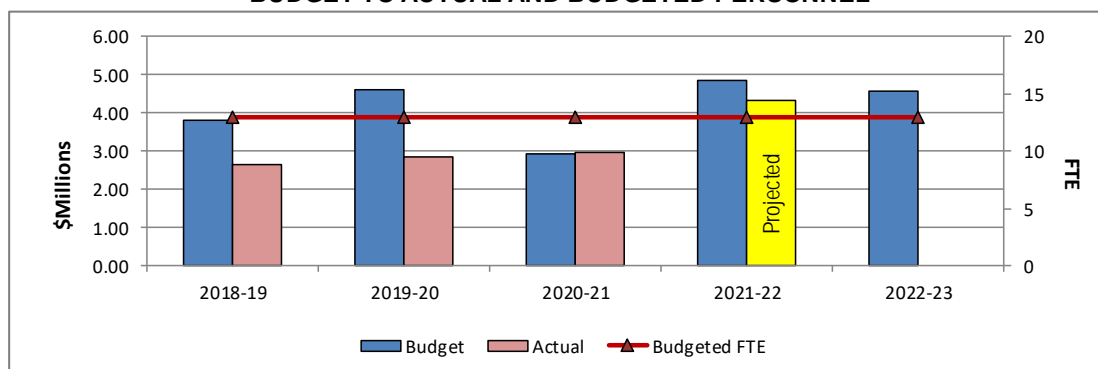
Responsible for treating Mesilla Bolson groundwater from the Tom Cliett well field to achieve compliance with the EPA Arsenic Rule and to maintain all equipment and structures at the water treatment plant. The Upper Valley Treatment Plant will treat 30 million gallons per day of groundwater from the Canutillo Well Field and blend with up to another 30 MGD of untreated groundwater to produce blended finished water with an arsenic concentration of 8 ppb or less.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Blended Arsenic concentration	Increase Customer Satisfaction & Confidence	<8ug/L	<8ug/L	<8ug/L	<8ug/L
Cost of chemicals per 1,000 gallons	Strengthen Financial Viability	<\$0.10	<\$0.10	<\$0.10	<\$0.10

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Proposed 2022-23
Utility Plant Superintendent	130	1	1	1	1
Utility Plant Assistant Superintendent	125	1	1	1	1
Industrial Electrician	55	0	0	0	0
Utility Plant Lead Technician	55	5	5	1	5
Utility Plant Senior Technician	52	3	3	5	3
Utility Plant Technician	50	3	3	3	3
<b>Total Personnel</b>		<b>13</b>	<b>13</b>	<b>11</b>	<b>13</b>

OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<b>PERSONNEL SERVICES</b>				
7020	O & M Salaries and Wages	713,811	795,000	688,771	740,000
7750	Worker's Compensation	-	7,700	3,337	7,700
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	<b>713,811</b>	<b>802,700</b>	<b>692,108</b>	<b>747,700</b>
	<b>MATERIALS &amp; SUPPLIES</b>				
7240	Laboratory Supplies & Testing	18,562	20,000	19,050	25,000
7310	Water Supply for Desalination	204,348	400,000	434,060	400,000
7500	Chemicals	274,850	900,000	690,874	800,000
7560	Office Supplies & Printing	2,519	3,000	1,915	3,000
7620	Small Tools & Equipment	4,513	5,000	4,862	6,500
7740	Rental of Equipment	2,543	1,600	1,805	3,200
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	<b>507,335</b>	<b>1,329,600</b>	<b>1,152,566</b>	<b>1,237,700</b>
	<b>MAINTENANCE</b>				
7380	Landscape	18,230	20,000	13,260	20,000
7660	Building Services	42,008	45,000	51,383	50,000
7680	Communication Equipment	2,645	3,300	2,646	3,600
7850	Maintenance of Equipment	261,371	350,000	240,188	500,000
7930	Maintenance of Structures & Improvements	-	2,500	-	2,000
	<b>TOTAL MAINTENANCE</b>	<b>324,254</b>	<b>420,800</b>	<b>307,477</b>	<b>575,600</b>
	<b>UTILITIES</b>				
7060	Electricity Expense	954,499	1,800,000	1,668,852	1,500,000
7760	Utilities	22,098	21,000	23,215	25,000
	<b>TOTAL UTILITIES</b>	<b>976,597</b>	<b>1,821,000</b>	<b>1,692,067</b>	<b>1,525,000</b>
	<b>MISCELLANEOUS</b>				
7120	Transportation	21,988	15,000	14,697	15,000
7260	Expense of Supervisor & Employees	11,164	20,000	21,198	20,000
7320	Lease of Land	376,700	376,700	376,700	376,700
7640	Uniforms	8,147	9,600	7,958	9,000
7700	Insurance	15,120	19,100	19,100	20,300
7770	Security Services	20,164	20,100	27,509	28,500
7780	Miscellaneous Expense	217	1,700	1,005	1,800
7790	Software/Hardware Expense	137	13,700	641	18,700
	<b>TOTAL MISCELLANEOUS</b>	<b>453,638</b>	<b>475,900</b>	<b>468,809</b>	<b>490,000</b>
	<b>TOTAL - ALL ACCOUNTS</b>	<b>2,975,634</b>	<b>4,850,000</b>	<b>4,313,027</b>	<b>4,576,000</b>

BUDGET TO ACTUAL AND BUDGETED PERSONNEL



**480 KAY BAILEY HUTCHISON DESALINATION PLANT**

## WATER PLANT

**FUNCTION:**

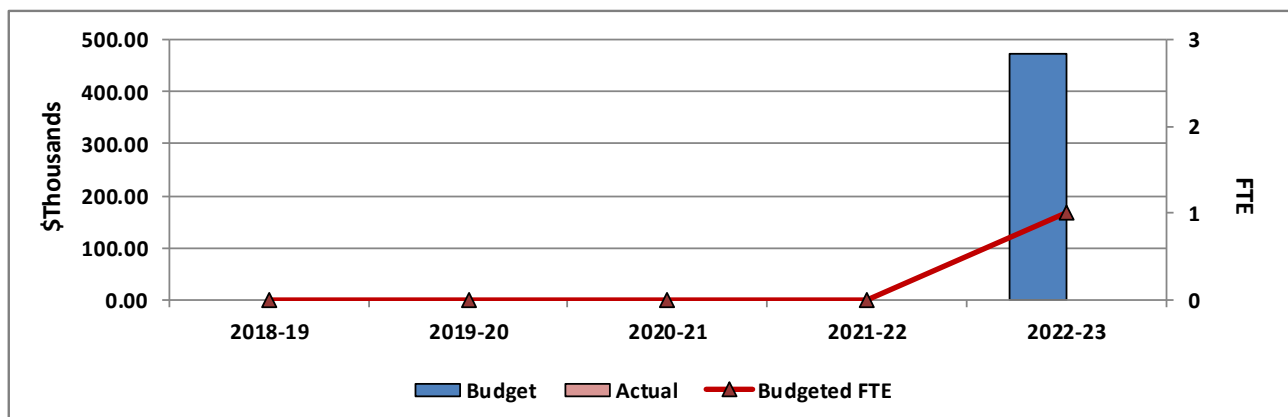
Operate the well field, and the blend wells in conjunction with the desalination plant. This state-of-the-art desalination facility applies an innovative reverse osmosis technology to convert brackish groundwater to high quality drinking water that will provide a reliable supply for many years to come and extend the life of the freshwater portion of the Hueco Bolson.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Percent Recovery	Improve Land & Water Management	82.5%	82.5%	82.5%	82.5%
Cost of chemicals per 1,000 gallons	Strengthen Financial Viability	\$0.064	\$0.057	\$0.070	\$0.080

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Utility Plant Superintendent	130	1	1	1	1
Utility Plant Assistant Superintendent	125	1	1	1	1
Industrial Electrician	55	1	1	1	1
Utility Plant Lead Technician	55	6	6	3	6
Utility Plant Senior Technician	52	3	3	3	3
Utility Plant Technician	50	1	1	3	1
Total Personnel		13	13	12	13

OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
7020	<u>PERSONNEL SERVICES</u>				
	O & M Salaries and Wages	-	-	-	89,000
	TOTAL PERSONNEL SERVICES (LOADED)	-	-	-	89,000
7500	<u>MATERIALS &amp; SUPPLIES</u>				
	Chemicals	-	-	-	20,000
	Office Supplies & Printing	-	-	-	500
	TOTAL MATERIALS & SUPPLIES	-	-	-	20,500
7680	<u>MAINTENANCE</u>				
	Communication Equipment	-	-	-	2,600
	Maintenance of Equipment	-	-	-	80,000
	Maintenance of Services	-	-	-	10,000
	Maintenance of Mains	-	-	-	40,000
	TOTAL MAINTENANCE	-	-	-	132,600
7060	<u>UTILITIES</u>				
	Electricity Expense	-	-	-	145,000
	Utilities	-	-	-	25,000
	TOTAL UTILITIES	-	-	-	170,000
7100	<u>MISCELLANEOUS</u>				
	Rent	-	-	-	3,400
	Transportation	-	-	-	2,000
	Expense of Supervisor & Employees	-	-	-	3,000
	Professional Services	-	-	-	50,000
	Miscellaneous Expense	-	-	-	800
	Software/Hardware Expense	-	-	-	700
	TOTAL MISCELLANEOUS	-	-	-	59,900
	TOTAL - ALL ACCOUNTS	-	-	-	472,000

## BUDGET TO ACTUAL AND BUDGETED PERSONNEL



**490 RECLAIMED WATER SYSTEM**

## WATER

**FUNCTION:**

Provide reclaimed water for irrigation, construction and industrial use to various public and private entities and reduce the demands on the potable water supplies and distribution system. Assure proper maintenance and operation of these systems and their component facilities and support the inclusion of current works in progress into the future system. Assist very large water users in meeting recycling demands. Assist customers to maximize the beneficial use of reclaimed water.

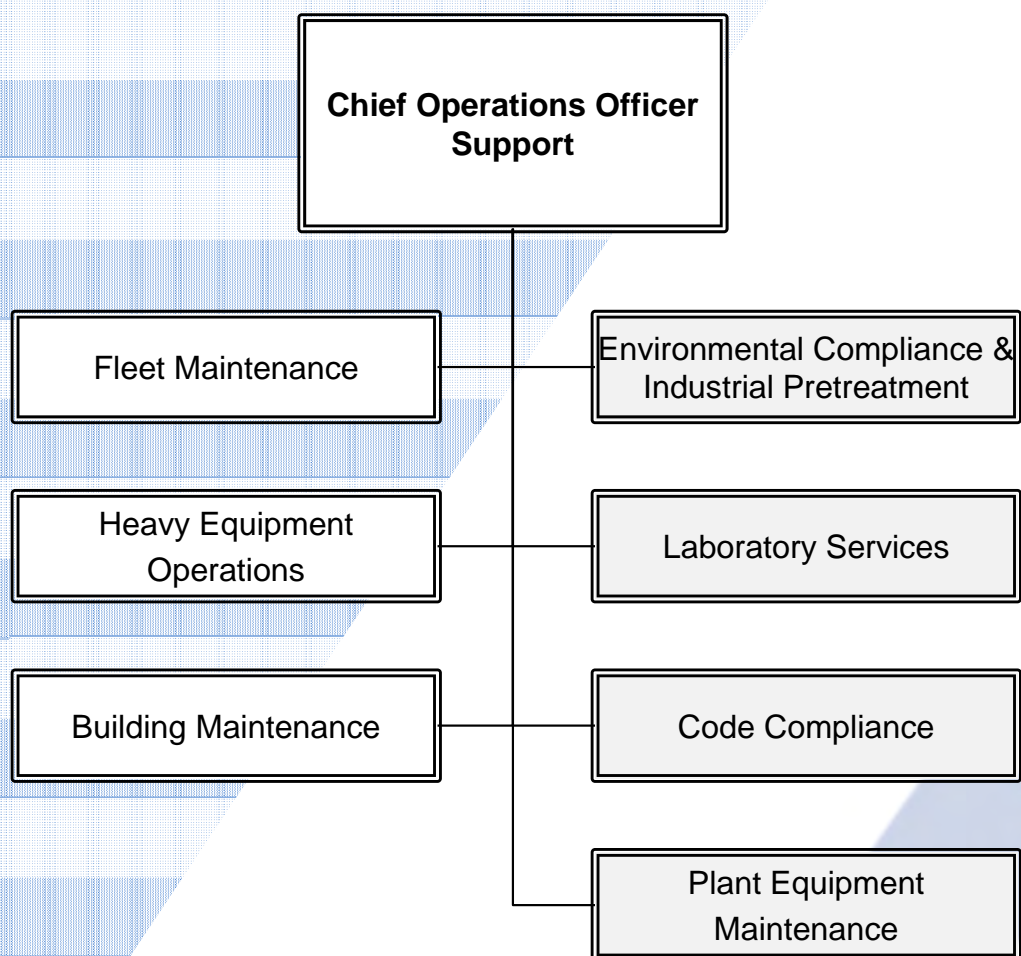
PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 ACTUAL	FY 2022-23 PROJECTED
Number of training classes or conferences attended	Improve Knowledge, Skills & Abilities	3	2	1	2
Reclaimed water sold (MG)	Improve Land & Water Management	1,845	1,960	1,615	2,000
Number of Biennial Inspections Performed	Improve Efficiency	18	1	0	18

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Utility Engineer <sup>1,2</sup>	132	0	0	0	0
Utility Engineering Associate <sup>1,2</sup>	128	0	0	1	1
<b>Total Personnel</b>		<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>

<sup>1</sup>FY2022-23 Section 540 deleted, moved to Water Division and Section 490 created

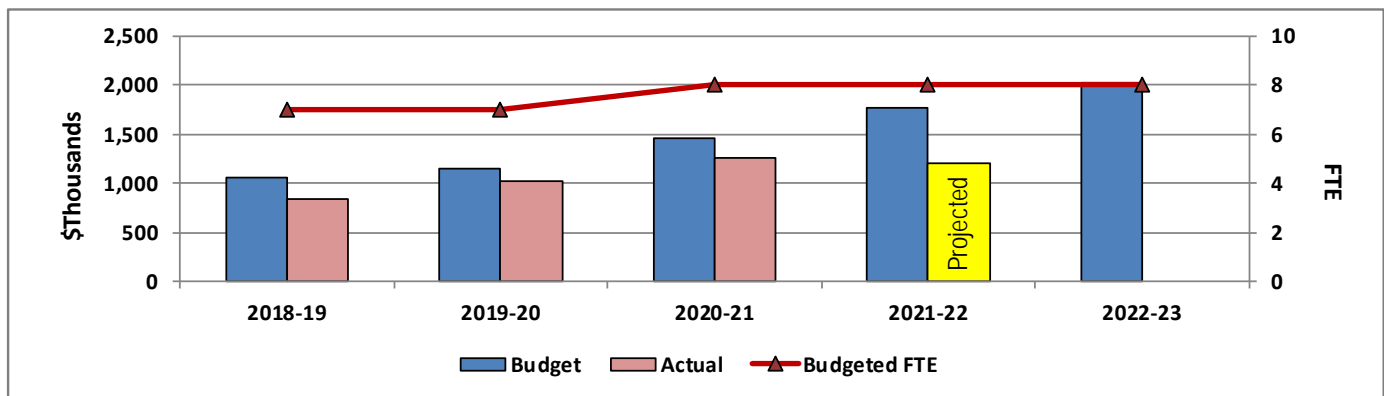
<sup>2</sup>FY2021-22 Utility Engineer deleted, and Utility Engineering Associate added per Human Resources off cycle budget staffing change request

## Operations



OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<u>PERSONNEL SERVICES</u>				
7020	O & M Salaries and Wages	1,055,018	1,103,000	1,053,613	1,123,000
7750	Worker's Compensation	1,077	-	-	-
	TOTAL PERSONNEL SERVICES (LOADED)	1,056,094	1,103,000	1,053,613	1,123,000
	<u>MATERIALS &amp; SUPPLIES</u>				
7560	Office Supplies & Printing	2,781	3,500	4,289	5,000
7740	Rental of Equipment	2,200	4,000	1,117	-
	TOTAL MATERIALS & SUPPLIES	4,981	7,500	5,406	5,000
	<u>MAINTENANCE</u>				
7680	Communication Equipment	5,041	5,700	5,013	6,100
	TOTAL MAINTENANCE	5,041	5,700	5,013	6,100
	<u>MISCELLANEOUS</u>				
7100	Rent	-	-	-	44,500
7120	Transportation	19,499	17,000	17,168	17,000
7260	Expense of Supervisor & Employees	20,893	15,000	17,735	15,000
7720	Professional Services	120,548	557,000	71,895	761,000
7730	Special Services	-	35,600	-	20,000
7770	Security	27,418	20,200	26,990	27,000
7780	Miscellaneous Expense	1,580	2,600	1,887	2,000
7790	Software/Hardware Expense	1,507	5,400	269	8,400
	TOTAL MISCELLANEOUS	191,444	652,800	135,944	894,900
	TOTAL - ALL ACCOUNTS	1,257,560	1,769,000	1,199,976	2,029,000

**OPERATIONS MANAGEMENT  
BUDGET TO ACTUAL AND BUDGETED PERSONNEL**



**510 OPERATIONS MANAGEMENT**

## OPERATIONS SUPPORT

**FUNCTION:**

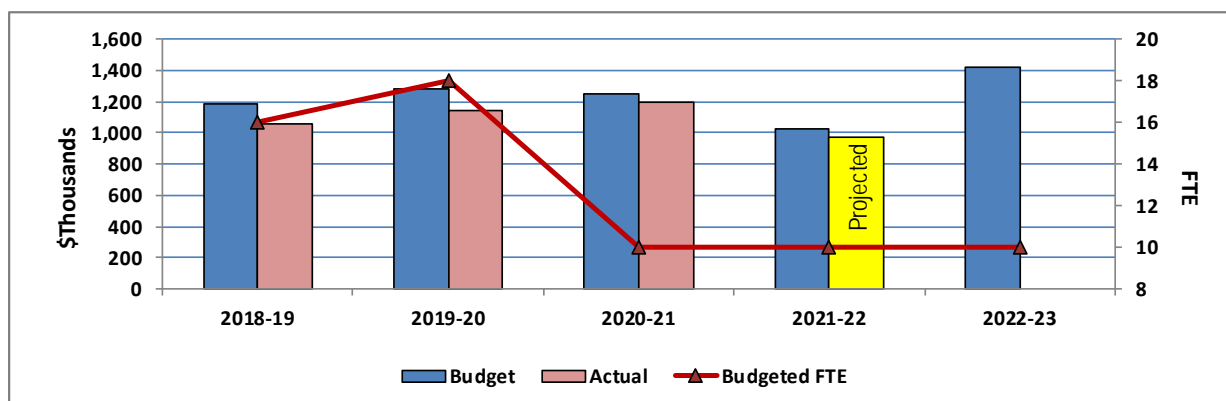
Manage the Water, Wastewater, Environmental Compliance, Fleet/Building Maintenance and Storm Operations Divisions to ensure safe, reliable and economical services to our customers in compliance with all regulatory requirements and in accordance with adopted PSB rules and regulations. Provide security and emergency response personnel and training for the Utility.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
TCEQ "A" Water and Wastewater Operator License	Succession Planning	30	28	28	32

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Utility Chief Operations Officer	EX2	3	3	3	3
Environmental Compliance Manager	EX5	1	1	1	1
Utility Security & Emergency Response Coordinator	EX5	1	1	1	1
Construction Superintendent	134	1	1	0	1
Emergency Management Specialist	125	1	1	1	1
Research & Management Assistant	123	1	1	1	1
<b>Total Personnel</b>		<b>8</b>	<b>8</b>	<b>7</b>	<b>8</b>



OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<b>PERSONNEL SERVICES</b>				
7020	O & M Salaries and Wages	872,544	518,000	451,477	541,000
7750	Worker's Compensation	-	5,400	3,014	4,900
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	<b>872,544</b>	<b>523,400</b>	<b>454,491</b>	<b>545,900</b>
	<b>MATERIALS &amp; SUPPLIES</b>				
7240	Laboratory Supplies & Testing	130,866	105,000	118,621	160,000
7560	Office Supplies & Printing	16,168	15,000	28,267	29,000
7620	Small Tools & Equipment	17,805	8,000	57,972	13,000
7740	Rental of Equipment	3,797	1,200	2,143	2,000
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	<b>168,637</b>	<b>129,200</b>	<b>207,003</b>	<b>204,000</b>
	<b>MAINTENANCE</b>				
7330	Emergency Response	7,397	-	4,273	-
7660	Building Services	3,702	2,500	10,584	8,000
7680	Communication Equipment	14,791	9,960	6,112	18,000
7850	Maintenance of Equipment	12,455	4,200	-	4,200
	<b>TOTAL MAINTENANCE</b>	<b>38,346</b>	<b>16,660</b>	<b>20,970</b>	<b>30,200</b>
	<b>UTILITIES</b>				
7060	Electricity Expense	11,500	5,750	10,062	11,000
	<b>TOTAL UTILITIES</b>	<b>11,500</b>	<b>5,750</b>	<b>10,062</b>	<b>11,000</b>
	<b>MISCELLANEOUS</b>				
7120	Transportation	36,552	20,000	28,511	26,000
7260	Expense of Supervisor & Employees	8,585	7,200	14,440	11,000
7420	Postage	1,992	3,500	3,774	4,000
7640	Uniforms	10,610	5,500	5,765	5,500
7720	Professional Services	37,449	300,000	218,725	550,000
7730	Special Services	688	300	583	1,700
7780	Miscellaneous Expense	265	410	91	400
7790	Software/Hardware Expense	5,549	13,080	6,975	34,300
	<b>TOTAL MISCELLANEOUS</b>	<b>101,691</b>	<b>349,990</b>	<b>278,864</b>	<b>632,900</b>
	<b>TOTAL - ALL ACCOUNTS</b>	<b>1,192,717</b>	<b>1,025,000</b>	<b>971,390</b>	<b>1,424,000</b>

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**

**520 ENVIRONMENTAL COMPLIANCE & INDUSTRIAL PRETREATMENT**

## OPERATIONS SUPPORT

**FUNCTION:**

Support Water and Wastewater Divisions in complying with federal, state, and local environmental regulations to protect the integrity and functions of the collection system and wastewater treatment plant processes. Permit, investigate, monitor, and regulate wastewater generated by industrial and commercial customers that may enter the wastewater collection and treatment system. Ensure compliance with the requirements of the Clean Water Act and conduct related special assignments. Assist other departments and City and State agencies to prevent and address adverse effect to the environment from industrial and commercial sources. Initiate enforcement action, if necessary.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Convert a paper process to paperless, electronic, or automated format.	Improve Efficiency	1	3	3	1
Increase number of outreach activities. (External and Internal)	Improve Communications	3	2	4	6
Industrial customers identified as SNC	Increase Customer Satisfaction & Confidence	3	9	9	3

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Pretreatment Manager	132	1	1	1	1
Code Compliance Manager <sup>2,3</sup>	132	1	0	0	0
Pretreatment Inspector Supervisor	55	0	0	1	0
Code Compliance Supervisor <sup>3</sup>	55	2	1	0	1
Pretreatment Inspector <sup>1</sup>	51	6	6	6	6
Code Compliance Officer <sup>1,3</sup>	51	6	0	0	0
Customer Relations Representative	48	1	1	0	1
Secretary	46	1	1	1	1
<b>Total Personnel</b>		<b>18</b>	<b>10</b>	<b>9</b>	<b>10</b>

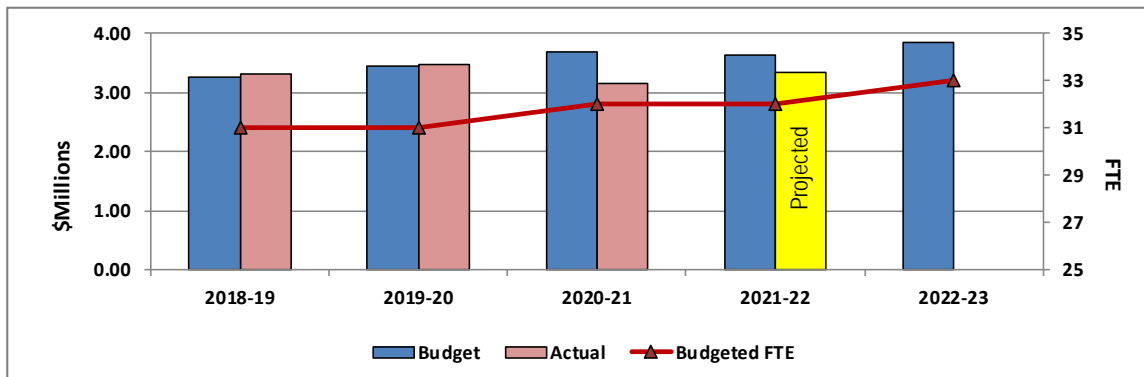
<sup>1</sup>FY2020-21 Reclassify six Code Compliance Officers to Pretreatment Inspectors per HR

<sup>2</sup>FY2021-22 Upgrade Code Compliance Manager to PM132 per Issue Paper, subject to City approval

<sup>3</sup>FY2021-22 Code Compliance Manager, Code Compliance Supervisor, and six Code Compliance Officers transferred to new section 530 Code Compliance per Issue Paper

OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<b><u>PERSONNEL SERVICES</u></b>				
7020	O & M Salaries and Wages	1,725,294	2,107,000	1,759,934	2,185,000
7750	Worker's Compensation	25,892	16,600	24,854	16,600
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	<b>1,751,186</b>	<b>2,123,600</b>	<b>1,784,788</b>	<b>2,201,600</b>
	<b><u>MATERIALS &amp; SUPPLIES</u></b>				
7240	Laboratory Supplies & Testing	699,894	645,000	679,749	700,000
7560	Office Supplies & Printing	8,220	10,000	13,616	17,000
7740	Rental of Equipment	4,187	2,200	3,081	2,200
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	<b>712,300</b>	<b>657,200</b>	<b>696,446</b>	<b>719,200</b>
	<b><u>MAINTENANCE</u></b>				
7380	Landscaping	15,120	17,000	15,360	18,000
7660	Building Services	194,860	160,000	220,000	220,000
7680	Communication Equipment	2,812	4,000	3,066	4,300
7850	Maintenance of Equipment	172,284	325,000	306,846	325,000
7930	Maintenance of Structures & Improvements	7,225	5,000	3,906	10,000
	<b>TOTAL MAINTENANCE</b>	<b>392,301</b>	<b>511,000</b>	<b>549,177</b>	<b>577,300</b>
	<b><u>UTILITIES</u></b>				
7060	Electricity Expense	144,281	130,000	127,760	130,000
7710	Natural Gas Expense	26,456	30,000	28,333	30,000
7760	Utilities	20,420	23,000	22,493	23,000
	<b>TOTAL UTILITIES</b>	<b>191,157</b>	<b>183,000</b>	<b>178,587</b>	<b>183,000</b>
	<b><u>MISCELLANEOUS</u></b>				
7120	Transportation	8,210	10,000	11,186	11,200
7260	Expense of Supervisor & Employees	7,253	25,000	7,634	40,200
7640	Uniforms	2,545	4,000	2,530	5,800
7700	Insurance	3,840	4,800	4,800	5,100
7730	Special Services	16,383	40,200	50,558	200
7770	Security Services	9,757	8,100	16,489	8,400
7780	Miscellaneous Expense	839	800	608	1,200
7790	Software/Hardware Expense	43,179	76,300	44,964	99,800
	<b>TOTAL MISCELLANEOUS</b>	<b>92,006</b>	<b>169,200</b>	<b>138,770</b>	<b>171,900</b>
	<b>TOTAL - ALL ACCOUNTS</b>	<b>3,138,950</b>	<b>3,644,000</b>	<b>3,347,768</b>	<b>3,853,000</b>

BUDGET TO ACTUAL AND BUDGETED PERSONNEL



**525 LABORATORY SERVICES**

## OPERATIONS SUPPORT

**FUNCTION:**

To provide accurate, precise, and timely analytical laboratory data to the Water Division, Wastewater Division, Environmental Compliance, Reclaimed Water Division and Stormwater. Furnish data and support for treatment plant operations and process controls. Coordinate analytical testing, reporting and chain of custody for water treatment plants, wastewater treatment plants and the Industrial Pretreatment program. The Laboratory Services section also provides support to all EPWater sections, small communities and other PWS that requires analytical testing.

<b>Performance Measures</b>	<b>Strategic Objective</b>	<b>FY 2019-20 Actual</b>	<b>FY 2020-21 Actual</b>	<b>FY 2021-22 Projected</b>	<b>FY 2022-23 Goal</b>
Number of samples received	Improve Production	43,291	41,895	38,480	40,500
Number of analysis performed	Improve Production	363,445	378,408	338,250	340,200
Number of samples outstanding	Improve Efficiency	370	373	1,173	<1,000
Number of analyses outstanding	Improve Efficiency	5,547	498	4,481	<4,000
Number of Odor Complaints Received (SAQ)	Improve Service	32	22	24	<24
Number of Water Quality Complaints Received	Improve Service	2,050	1,102	1,282	<1,282
Percent Analytical Methods Accredited	Improve KSA's	35%	35%	35%	41%

<b>Positions</b>	<b>Pay Grade</b>	<b>Approved 2020-21</b>	<b>Approved 2021-22</b>	<b>Actual As Of 09/01/21</b>	<b>Approved 2022-23</b>
Utility Laboratory Services Manager	EX5	1	1	1	1
Quality Control Chemist <sup>3</sup>	133	2	2	2	2
Lead Chemist <sup>1</sup>	131	6	6	0	6
Senior Chemist	129	6	6	5	6
Chemist <sup>1,2,4</sup>	126	12	12	13	12
Utility Laboratory Technician	52	2	2	2	2
Utility Laboratory Sampler <sup>5</sup>	50	2	2	1	3
Secretary	46	1	1	1	1
<b>Total Personnel</b>		<b>32</b>	<b>32</b>	<b>25</b>	<b>33</b>

<sup>1</sup>FY2020-21 Upgrade six Chemist to six Lead Chemist per Issue Paper

<sup>2</sup>FY2020-21 Add one Chemist per Issue Paper

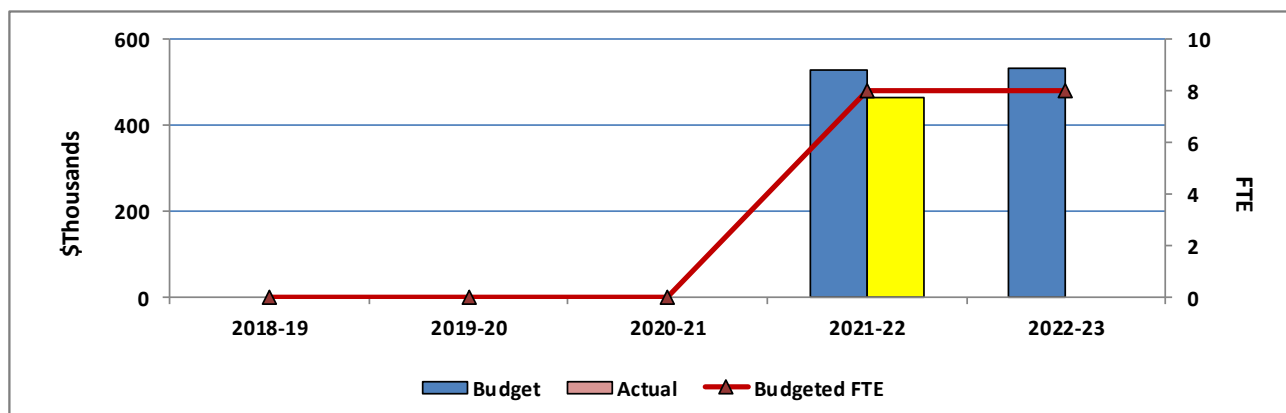
<sup>3</sup>FY2020-21 Quality Control Chemist upgraded from PM131 to PM133 per Issue Paper, pending City approval

<sup>4</sup>FY2020-21 Chemist upgraded from PM125 to PM126 per Issue Paper, pending City approval

<sup>5</sup>FY2022-23 Add one Utility Laboratory Sampler per Issue Paper

OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<b>PERSONNEL SERVICES</b>				
7020	O & M Salaries and Wages	-	453,000	404,905	444,000
7750	Worker's Compensation	-	3,600	1,800	4,200
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	-	456,600	406,705	448,200
	<b>MATERIALS &amp; SUPPLIES</b>				
7560	Office Supplies & Printing	-	5,000	2,963	3,000
7620	Small Tools & Equipment	-	1,900	1,021	1,900
7740	Rental of Equipment	-	800	400	-
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	-	7,700	4,383	4,900
	<b>MAINTENANCE</b>				
7330	Emergency Response	-	10,000	5,000	10,000
7660	Building Services	-	2,500	1,272	2,500
7680	Communication Equipment	-	6,640	7,759	-
7850	Maintenance of Equipment	-	1,000	537	500
	<b>TOTAL MAINTENANCE</b>	-	20,140	14,568	13,000
	<b>UTILITIES</b>				
7060	Electricity Expense	-	5,750	3,178	5,750
	<b>TOTAL UTILITIES</b>	-	5,750	3,178	5,750
	<b>MISCELLANEOUS</b>				
7120	Transportation	-	20,000	21,853	26,000
7260	Expense of Supervisor & Employees	-	4,800	3,286	25,000
7420	Postage	-	500	250	250
7640	Uniforms	-	5,500	4,447	5,500
7730	Special Services	-	200	100	-
7780	Miscellaneous Expense	-	90	45	300
7790	Software/Hardware Expense	-	8,720	4,360	3,100
	<b>TOTAL MISCELLANEOUS</b>	-	39,810	34,340	60,150
	<b>TOTAL - ALL ACCOUNTS</b>	-	530,000	463,175	532,000

## BUDGET TO ACTUAL AND BUDGETED PERSONNEL



**530 CODE COMPLIANCE**

## OPERATIONS SUPPORT

**FUNCTION:**

Responsible for the enforcement of prohibited discharges into Stormwater system in the City of El Paso. Conduct scheduled and nonscheduled inspections and investigative inspections as per City of El Paso's Municipal Separate Stormwater System (MS4) permit's Best Management Practices guidelines. Receive complaints on illegal dumping and discharges and enforce for compliance with TPDES and NPDES regulations. Emergency response on spills for impact to storm system at request of Emergency law enforcement and Fire Department. Enforce water conservation ordinances. Respond to customer complaints of water wasting. Provide public outreach regarding water conservation.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Increase number of officer generated construction site inspections compared to total number of inspections. (Percentage)	Improve Efficiency	34%	90%	90.5%	92%
Increase number of outreach activities. (External and Internal)	Improve Communications	5	8	7	12

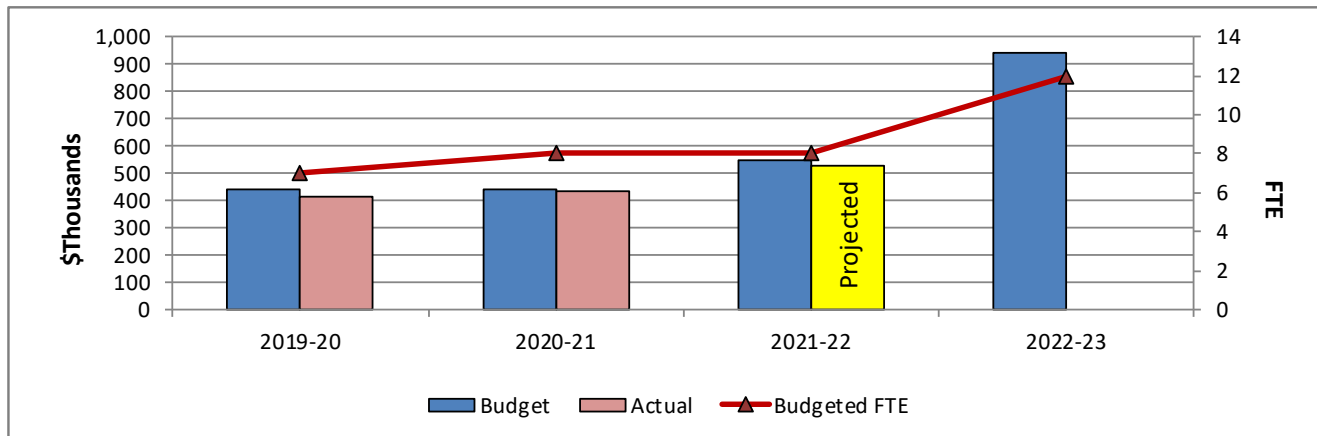
Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Code Compliance Manager <sup>1,2</sup>	132	0	1	1	1
Code Compliance Supervisor <sup>1</sup>	55	0	1	1	1
Code Compliance Officer <sup>1</sup>	51	0	6	6	6
<b>Total Personnel</b>		<b>0</b>	<b>8</b>	<b>8</b>	<b>8</b>

<sup>1</sup>FY2021-22 Transfer Code Compliance Manager, Code Compliance Supervisor, six Code Compliance Officers from section 520 to section 530 - Code Compliance per Issue Paper

<sup>2</sup>FY2021-22 Upgrade Code Compliance Manager from PM130 to PM132 per Issue Paper, pending City approval

**OPERATING AND MAINTENANCE BUDGET**

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<b><u>PERSONNEL SERVICES</u></b>				
7020	O & M Salaries and Wages	374,313	457,000	393,085	670,000
7750	Worker's Compensation	-	4,800	1,722	4,800
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	<b>374,313</b>	<b>461,800</b>	<b>394,807</b>	<b>674,800</b>
	<b><u>MATERIALS &amp; SUPPLIES</u></b>				
7240	Laboratory Supplies & Testing	-	2,500	-	2,500
7560	Office Supplies & Printing	628	1,000	1,074	8,500
7620	Small Tools & Equipment	22,537	16,400	16,893	79,900
7740	Rental of Equipment	-	2,500	21	2,500
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	<b>23,165</b>	<b>22,400</b>	<b>17,988</b>	<b>93,400</b>
	<b><u>MAINTENANCE</u></b>				
7660	Building Services	82	5,000	2,908	30,000
7680	Communication Equipment	4,681	3,900	5,363	7,700
7850	Maintenance of Equipment	7,008	18,000	45,000	50,000
	<b>TOTAL MAINTENANCE</b>	<b>11,770</b>	<b>26,900</b>	<b>53,271</b>	<b>87,700</b>
	<b><u>MISCELLANEOUS</u></b>				
7120	Transportation	10,040	10,000	14,832	15,000
7260	Expense of Supervisor & Employees	9,409	16,000	37,890	44,000
7640	Uniforms	6,316	4,500	5,426	7,800
7700	Security Services	-	-	-	7,200
7780	Miscellaneous Expense	799	500	1,521	400
7790	Software/Hardware Expense	1,663	5,900	1,067	8,700
	<b>TOTAL MISCELLANEOUS</b>	<b>28,227</b>	<b>36,900</b>	<b>60,737</b>	<b>83,100</b>
	<b>TOTAL - ALL ACCOUNTS</b>	<b>437,475</b>	<b>548,000</b>	<b>526,803</b>	<b>939,000</b>

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**

**580 PLANT EQUIPMENT MAINTENANCE**

## OPERATIONS SUPPORT

**FUNCTION:**

Provide equipment maintenance services and maintain Computer Maintenance Management System (CMMS) database for the water and wastewater treatment plants and pumping facilities. Provide trained mechanic personnel to respond to routine and critical plant situations. Utilize diagnostic devices, training and comprehensive reporting used as basis for predictive and predictive maintenance program. Identify, plan, budget, provide technical reviews, and monitor the 10-year capital improvement project plan to enhance treatment plant life cycle, process optimization and energy conservation; and to ensure safe, reliable and economical processes in compliance with regulatory requirements and in accordance with PSB rules and regulations.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Equipment Assessed, Rehabilitated or Replaced of Total	Improve Assets & Equipment	N/A	14	42	75
CMMS Data Overhaul for all Plants	Improve use of Technology	N/A	0.9	1.4	35
Work Orders Processed	Improve Infrastructure	N/A	82	92	90

\* INFOR training completed and in use.

=1115 (cumulative) Assessed\*100/2652 Assets = 42% Complete assessed. Rehab and/or replace equipment will be tracked once assessment goal is complete.

=38 (cumulative) Files\*100/2652 Assets = 1.4% – Released to modify INFOR in October.

=162 Complete\*100/ 176 WO = 91.8 – Percent complete is relative to the work orders generated and serviced by Section 580

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Capital Projects Manager	EX5	1	1	1	1
Utility Plants Maintenance Superintendent <sup>4</sup>	132	0	0	0	1
Utility Lead Maintenance Mechanic <sup>3</sup>	54	2	2	2	3
Maintenance Mechanic <sup>1,2</sup>	51	5	5	3	7
<b>Total Personnel</b>		<b>8</b>	<b>8</b>	<b>6</b>	<b>12</b>

<sup>1</sup>FY2020-21 Add one Maintenance Mechanic per Issue Paper

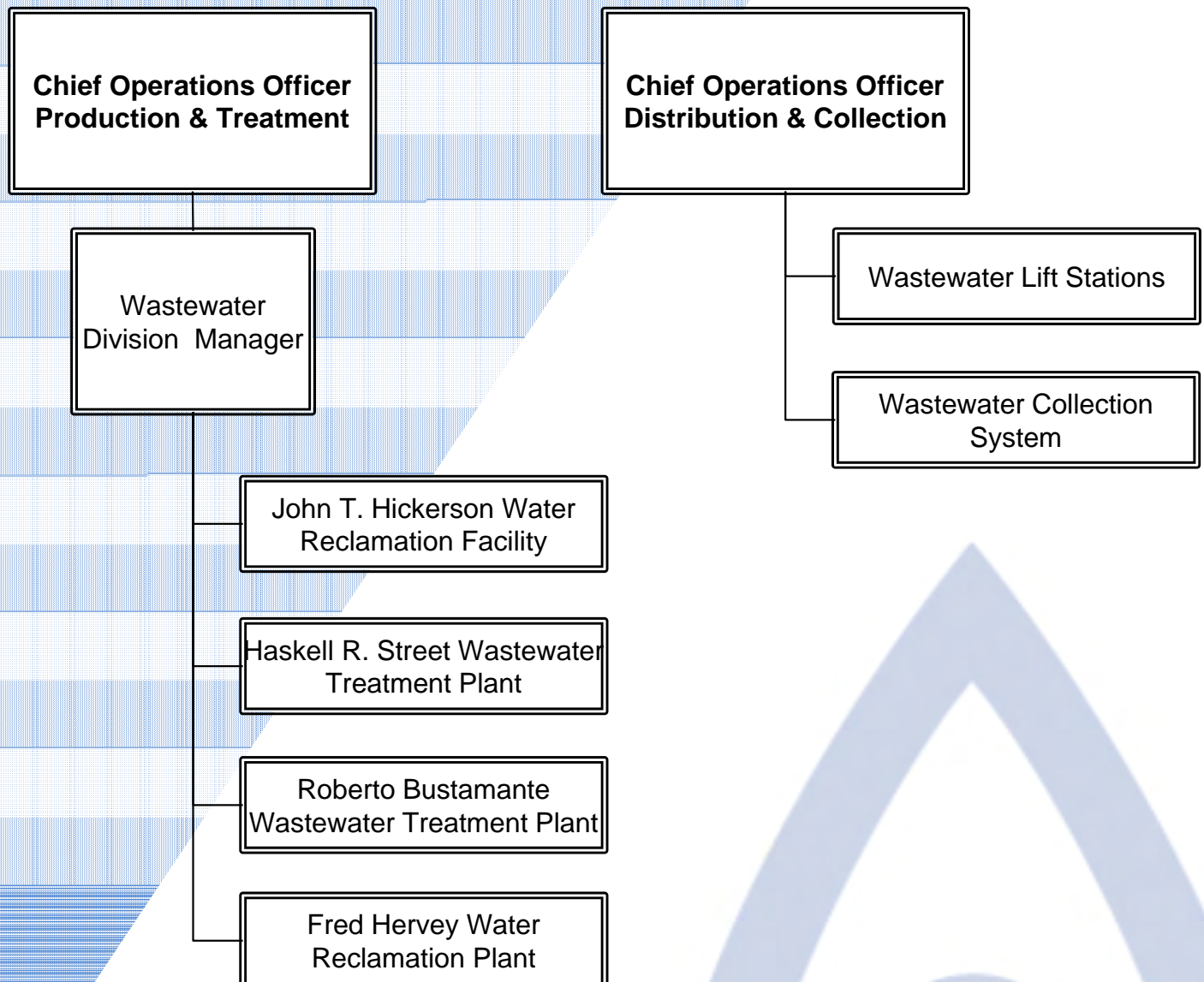
<sup>2</sup>FY2022-23 Add two Maintenance Mechanics per Issue Paper

<sup>3</sup>FY2022-23 Add one Utility Lead Maintenance Mechanic per Issue Paper

<sup>4</sup>FY2022-23 Add Utility Plants Maintenance Superintendent per Issue Paper

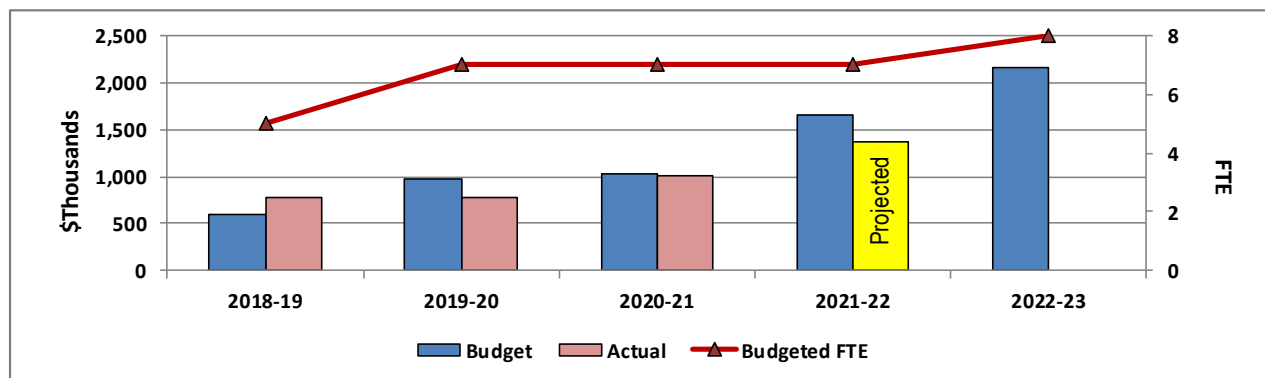


## Wastewater



OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<b>PERSONNEL SERVICES</b>				
7020	O & M Salaries and Wages	610,135	707,000	628,734	801,000
7750	Worker's Compensation	-	1,200	431	1,200
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	<b>610,135</b>	<b>708,200</b>	<b>629,165</b>	<b>802,200</b>
	<b>MATERIALS &amp; SUPPLIES</b>				
7240	Laboratory Supplies & Testing	11,620	7,000	11,841	10,000
7560	Office Supplies & Printing	969	2,000	892	2,000
7620	Small Tools & Equipment	-	-	4	1,000
7740	Rental of Equipment	3,165	1,700	2,401	1,700
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	<b>15,754</b>	<b>10,700</b>	<b>15,137</b>	<b>14,700</b>
	<b>MAINTENANCE</b>				
7660	Building Services	2,546	5,000	2,951	-
7680	Communication Equipment	1,421	2,700	1,631	2,600
	<b>TOTAL MAINTENANCE</b>	<b>3,967</b>	<b>7,700</b>	<b>4,582</b>	<b>2,600</b>
	<b>UTILITIES</b>				
7060	Electricity Expense	7,500	8,000	6,563	-
	<b>TOTAL UTILITIES</b>	<b>7,500</b>	<b>8,000</b>	<b>6,563</b>	<b>-</b>
	<b>MISCELLANEOUS</b>				
7100	Rent	-	-	-	1,700
7120	Transportation	3,040	5,000	5,565	7,000
7260	Expense of Supervisor & Employees	4,121	8,000	5,197	8,000
7640	Uniforms	369	500	411	1,000
7720	Professional Services	364,877	890,000	700,000	1,295,000
7730	Special Services	-	-	-	10,600
7780	Miscellaneous Expense	1,922	900	1,408	700
7790	Software/Hardware Expense	1,644	9,000	9,000	15,500
	<b>TOTAL MISCELLANEOUS</b>	<b>375,973</b>	<b>913,400</b>	<b>721,581</b>	<b>1,339,500</b>
	<b>TOTAL - ALL ACCOUNTS</b>	<b>1,013,329</b>	<b>1,648,000</b>	<b>1,377,027</b>	<b>2,159,000</b>

**WASTEWATER DIVISION OFFICE  
BUDGET TO ACTUAL AND BUDGETED PERSONNEL**



**610 WASTEWATER DIVISION OFFICE****WASTEWATER****FUNCTION:**

Responsible for the management of the overall operation and maintenance of all wastewater treatment and reclamation plants, all lift stations and storm water pump stations, the sewer collection system, and repair and construction of the sewer system.

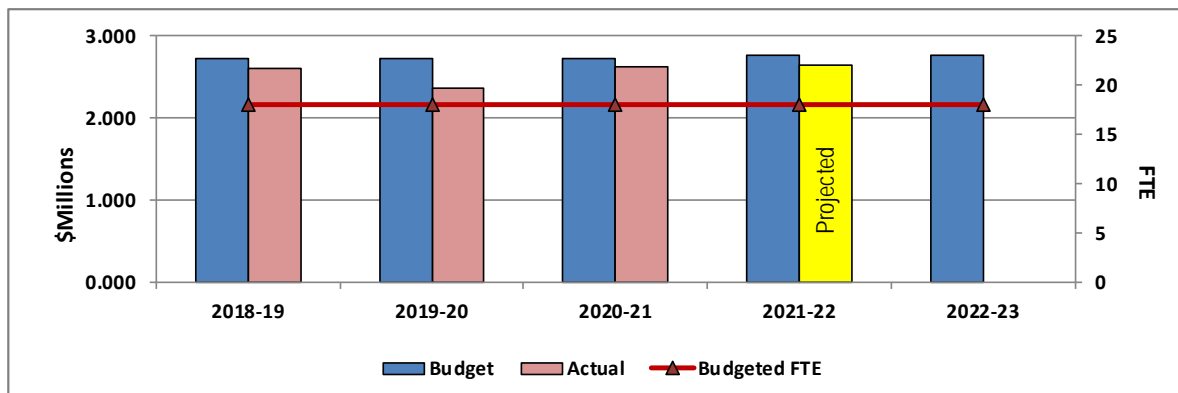
PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Total raw wastewater, 1,000 gal per calendar year	Increase Customer Satisfaction & Confidence	21,415,180	20,526,555	20,159,618	20,500,000

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Wastewater Systems Division Manager	EX3	1	1	1	1
Wastewater Treatment Manager	EX4	1	1	1	1
Wastewater Collection System Manager	EX5	1	1	1	1
Utility Engineer <sup>1</sup>	132	0	0	0	1
Utility Plant Chief Superintendent	132	1	1	0	1
Wastewater Collection Systems Chief Superintendent	130	1	1	1	1
Industrial Electrician	55	1	1	1	1
Engineering Senior Technician	54	1	1	1	1
<b>Total Personnel</b>		<b>7</b>	<b>7</b>	<b>6</b>	<b>8</b>

<sup>1</sup>FY2022-23 Add one Utility Engineer per Issue Paper

OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<u>PERSONNEL SERVICES</u>				
7020	O & M Salaries and Wages	769,289	900,000	807,796	885,000
7750	Worker's Compensation	20,013	10,700	15,661	10,700
	TOTAL PERSONNEL SERVICES (LOADED)	789,303	910,700	823,456	895,700
	<u>MATERIALS &amp; SUPPLIES</u>				
7500	Chemicals	342,631	350,000	333,474	350,000
7560	Office Supplies & Printing	1,277	1,000	1,020	1,000
7620	Small Tools & Equipment	6,618	7,000	1,770	5,000
7740	Rental of Equipment	540	-	-	-
	TOTAL MATERIALS & SUPPLIES	351,066	358,000	336,264	356,000
	<u>MAINTENANCE</u>				
7380	Landscaping	26,444	35,000	30,342	30,000
7660	Building Services	10,441	9,000	12,365	12,000
7680	Communication Equipment	8,358	11,100	8,638	12,300
7850	Maintenance of Equipment	583,262	600,000	524,063	600,000
7930	Maintenance of Structures & Improvements	4,068	8,000	5,677	8,000
	TOTAL MAINTENANCE	632,572	663,100	581,085	662,300
	<u>UTILITIES</u>				
7060	Electricity Expense	707,900	620,000	682,709	680,000
7760	Utilities	52,261	50,000	51,681	50,000
	TOTAL UTILITIES	760,161	670,000	734,390	730,000
	<u>MISCELLANEOUS</u>				
7120	Transportation	47,936	56,000	65,742	66,000
7260	Expense of Supervisor & Employees	2,393	10,000	3,798	7,000
7640	Uniforms	20,350	20,000	20,342	20,000
7700	Insurance	11,280	14,300	14,300	15,300
7780	Miscellaneous Expense	132	1,400	238	1,600
7790	Software/Hardware Expense	660	67,500	67,000	16,100
	TOTAL MISCELLANEOUS	82,751	169,200	171,421	126,000
	TOTAL - ALL ACCOUNTS	2,615,853	2,771,000	2,646,616	2,770,000

## BUDGET TO ACTUAL AND BUDGETED PERSONNEL



**620 WASTEWATER LIFT STATIONS**

## WASTEWATER

**FUNCTION:**

Responsible for the 24 hour operation and maintenance of 75 lift stations throughout the sewer collection system. The system is comprised of approximately 168 pumps, six compressors, three vacuum pumps and twenty four diesel and natural gas engine generators. Pump capacities range from 50 to 7,777 gallons per minute per unit and electric motors and control panels ranging from three to 350 HP per unit. We also provide odor control measures and maintain supervisory control and data acquisition (SCADA) control panels for the Utility's alarm system. Responsible for the operation and maintenance of 22 storm water pump stations with pumps ranging from three to 476 horsepower and capacities of 450 to 70,000 gallons per minute.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Pump overhauls completed	Improve Efficiency	29	21	24	24
Overflows due to lift station malfunctions	Increase Customer Satisfaction & Confidence	0	0	0	0
Reduce O&M Costs*	Strengthen Financial Viability	86.26%	96.07%	93.00%	93.00%

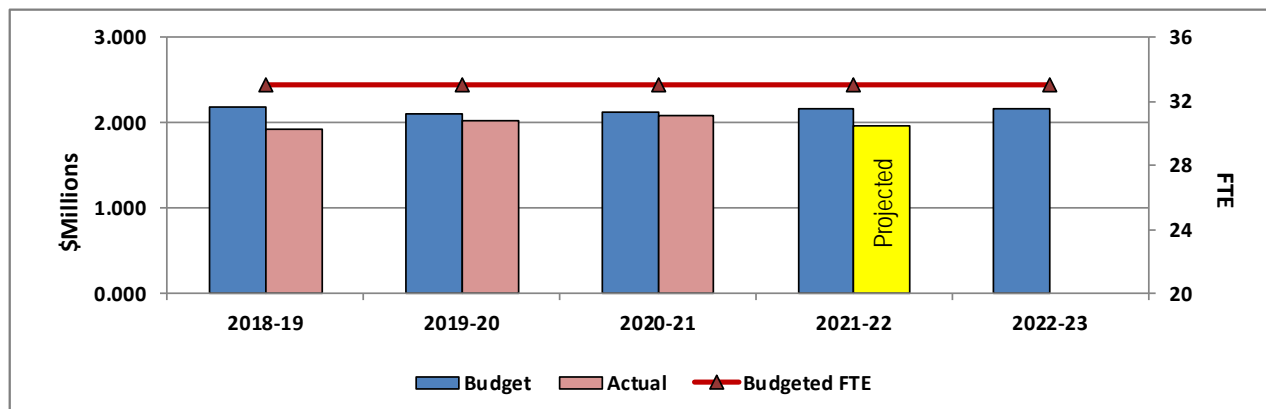
\*Percent used of total budgeted amount

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Wastewater Lift Stations Superintendent	128	1	1	1	1
Wastewater Lift Stations Maintenance Supervisor	55	1	1	1	1
Industrial Electrician	55	2	2	2	2
Lead Maintenance Mechanic	54	2	2	1	2
Utility Lead Maintenance Mechanic	54	0	0	1	0
Maintenance Mechanic <sup>1</sup>	51	6	6	4	6
Trades Helper <sup>1</sup>	45	6	6	5	6
<b>Total Personnel</b>		<b>18</b>	<b>18</b>	<b>15</b>	<b>18</b>

<sup>1</sup>FY2020-21 Downgrade one Maintenance Mechanic to Trades Helper per Issue Paper

OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<u>PERSONNEL SERVICES</u>				
7010	Capital Salaries and Wages	21,072	78,000	52,307	78,000
7020	O & M Salaries and Wages	1,444,235	1,476,000	1,382,352	1,491,000
7750	Worker's Compensation	35,427	30,000	54,554	30,000
	TOTAL PERSONNEL SERVICES (LOADED)	1,500,734	1,584,000	1,489,213	1,599,000
	<u>MATERIALS &amp; SUPPLIES</u>				
7500	Chemicals	19,084	12,000	20,292	20,000
7560	Office Supplies & Printing	6,171	4,000	3,999	4,000
7620	Small Tools & Equipment	20,070	20,000	11,006	20,000
7740	Rental of Equipment	1,958	1,500	1,220	1,500
	TOTAL MATERIALS & SUPPLIES	47,284	37,500	36,517	45,500
	<u>MAINTENANCE</u>				
7660	Building Services	14,988	7,000	9,638	15,000
7680	Communication Equipment	10,532	13,400	11,469	14,500
7850	Maintenance of Equipment	38,733	35,000	26,843	35,000
7880	Maintenance of Mains	90,442	80,000	53,114	90,000
	TOTAL MAINTENANCE	154,696	135,400	101,065	154,500
	<u>UTILITIES</u>				
7760	Utilities	6,278	8,000	6,559	8,000
	TOTAL UTILITIES	6,278	8,000	6,559	8,000
	<u>MISCELLANEOUS</u>				
7120	Transportation	297,625	300,000	259,650	300,000
7260	Expense of Supervisor & Employees	8,757	10,000	14,198	12,000
7640	Uniforms	26,082	28,000	26,173	28,000
7780	Miscellaneous Expense	700	1,200	968	1,100
7790	Software/Hardware Expense	39,550	65,900	25,342	23,900
	TOTAL MISCELLANEOUS	372,714	405,100	326,331	365,000
	TOTAL - ALL ACCOUNTS	2,081,705	2,170,000	1,959,684	2,172,000

## BUDGET TO ACTUAL AND BUDGETED PERSONNEL



**630 COLLECTIONS SYSTEM MAINTENANCE****WASTEWATER****FUNCTION:**

Responsible for the operation and maintenance of the sewage collection system including a preventive and emergency sewer line cleaning program (hydro-vectors); operation of a TV inspection program of sewer lines; application of chemicals to sewage for odor control and build up in sewer system; clean-up of customer backups due to a water main break or sewage backup; and operation of relieve valves. There are approximately 2,385 miles of sewer lines ranging from sizes from 6" to 72" in the collection system.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Linear feet of sewer lines televised and inspected	Improve Efficiency	245,715	130,910	135,910	180,000
Linear feet of sewer lines cleaned using hydro-vactors	Improve Efficiency	3,140,960	2,640,571	2,700,000	2,800,000
Percent of total system receiving PM	Improve Infrastructure	22%	22%	22%	21%
Linear feet of collection system maintained per man-hour (budgeted FTE's)	Improve Efficiency	52	47	48	51

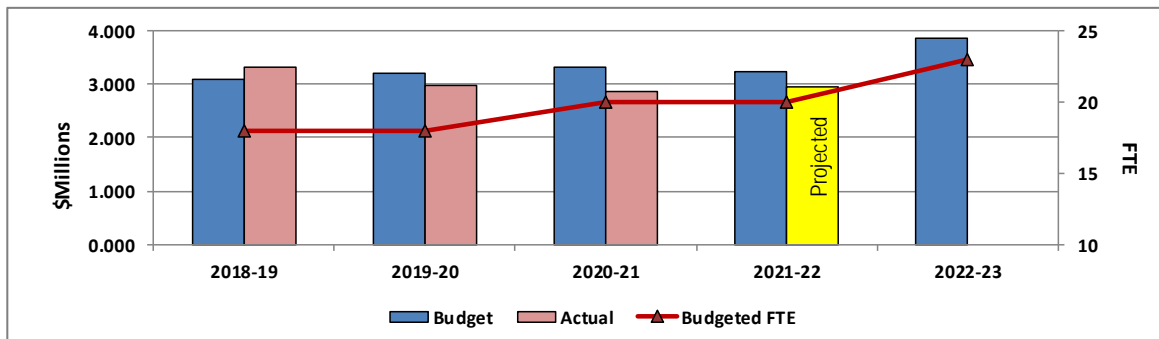
Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Wastewater Collect Maintenance Superintendent	128	1	1	1	1
Wastewater Collection Maintenance Assistant Superintendent	55	1	1	1	1
GIS Technician	122	1	1	1	1
Wastewater Service Worker Supervisor	52	7	7	5	7
Equipment Operator	48	8	8	6	8
Trades Helper	45	7	7	6	7
General Service Worker	43	8	8	7	8
<b>Total Personnel</b>		<b>33</b>	<b>33</b>	<b>27</b>	<b>33</b>



## WASTEWATER

OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<u>PERSONNEL SERVICES</u>				
7020	O & M Salaries and Wages	971,605	1,110,000	967,862	1,252,000
7750	Worker's Compensation	1,986	8,900	7,715	8,900
	TOTAL PERSONNEL SERVICES (LOADED)	973,591	1,118,900	975,577	1,260,900
	<u>MATERIALS &amp; SUPPLIES</u>				
7240	Laboratories Supplies & Testing	33,608	40,000	48,194	60,000
7500	Chemicals	189,906	200,000	204,988	250,000
7560	Office Supplies & Printing	522	1,500	751	1,500
7620	Small Tools & Equipment	13,605	20,000	8,956	15,000
7740	Rental of Equipment	3,075	2,000	2,072	2,000
	TOTAL MATERIALS & SUPPLIES	240,715	263,500	264,961	328,500
	<u>MAINTENANCE</u>				
7380	Landscaping	10,945	15,000	15,200	15,000
7660	Building Services	22,582	28,000	25,678	28,000
7680	Communication Equipment	3,250	5,500	3,740	5,800
7850	Maintenance of Equipment	677,163	800,000	638,801	900,000
7930	Maintenance of Structures & Improvements	9,028	10,000	3,133	10,000
	TOTAL MAINTENANCE	722,967	858,500	686,552	958,800
	<u>UTILITIES</u>				
7060	Electricity Expense	633,380	700,000	680,384	700,000
7710	Natural Gas Expense	18,022	15,000	14,839	15,000
7760	Utilities	71,890	50,000	105,620	120,000
	TOTAL UTILITIES	723,292	765,000	800,843	835,000
	<u>MISCELLANEOUS</u>				
7120	Transportation	9,642	10,000	9,736	10,000
7160	Permit Fee to State	106,897	109,000	108,005	109,000
7260	Expense of Supervisor & Employees	7,544	10,000	19,735	21,800
7530	Sludge Disposal/Monofill Management	-	-	-	199,600
7640	Uniforms	11,105	19,000	10,138	16,300
7700	Insurance	15,000	18,900	18,900	20,200
7770	Security Services	65,567	61,700	63,000	77,300
7780	Miscellaneous Expense	-	900	282	900
7790	Software/Hardware Expense	2,966	10,600	1,833	11,700
	TOTAL MISCELLANEOUS	218,721	240,100	231,629	466,800
	TOTAL - ALL ACCOUNTS	2,879,286	3,246,000	2,959,561	3,850,000

## BUDGET TO ACTUAL AND BUDGETED PERSONNEL





**640 JOHN T. HICKERSON WATER RECLAMATION FACILITY**

## WASTEWATER

**FUNCTION:**

The John T. Hickerson Water Reclamation Facility is responsible for safely and efficiently receiving, treating, and processing all wastewater generated in the west and northwest part of the City of El Paso. This facility is designed to treat a capacity of 17.5 MGD. The treatment process includes activated sludge, secondary clarification, filtration, ultraviolet disinfection, re-aeration of the final effluent and the treatment of sewer gases with chemical scrubbers for odor control. Part of the plant's effluent is directed to the reclaimed water system where it is stored and used for irrigation by various schools, and businesses in the northwest part of the city. The plant's final effluent is safely discharged into the Rio Grande.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2018-19 ACTUAL	FY 2019-20 ACTUAL	FY 2020-21 PROJECTED	FY 2021-22 GOAL
NACWA Award	Increase Customer Satisfaction & Confidence	N/A	Silver	Silver	Silver
TPDES Permit Violations	Increase Customer Satisfaction & Confidence	6	13	0	0
Odor Complaints	Increase Customer Satisfaction & Confidence	0	0	0	0
Treated Wastewater Influent (MG)	Increase Customer Satisfaction & Confidence	3,257	3,011	1,987	3,250
Average cost per 1,000 gallons treated effluent	Strengthen Financial Viability	\$0.98	\$1.10	\$1.60	\$0.98

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Utility Plant Superintendent	130	1	1	1	1
Utility Plant Assistant Superintendent	125	2	2	2	2
Utility Plant Lead Technician	55	8	8	5	8
Industrial Electrician	55	1	1	0	1
Utility Plant Senior Technician <sup>1,3</sup>	52	3	3	1	5
Utility Plant Technician <sup>2,4</sup>	50	5	5	6	6
<b>Total Personnel</b>		<b>20</b>	<b>20</b>	<b>15</b>	<b>23</b>

<sup>1</sup>FY2020-21 Add one Utility Plant Senior Technician per Issue Paper

<sup>2</sup>FY2020-21 Add one Utility Plant Technician per Issue Paper

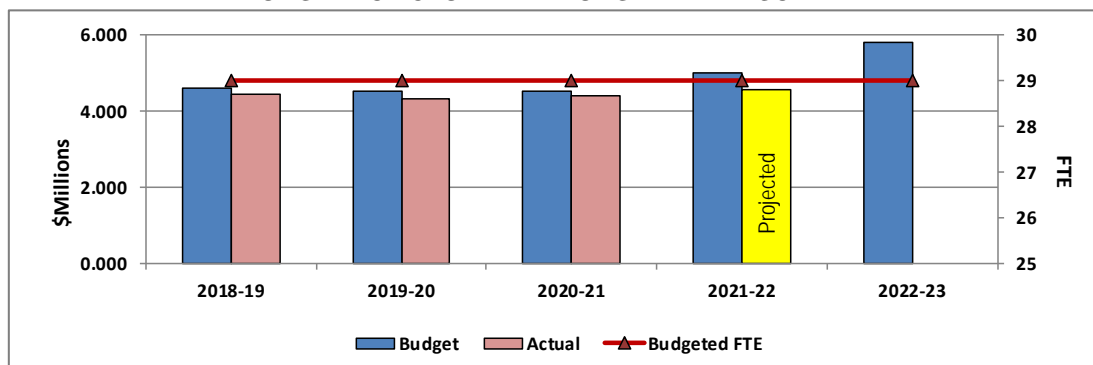
<sup>3</sup>FY2022-23 Add two Utility Plant Senior Technicians per Issue Paper

<sup>4</sup>FY2022-23 Add one Utility Plant Technician per Issue Paper

## WASTEWATER

OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<u>PERSONNEL SERVICES</u>				
7020	O & M Salaries and Wages	1,433,461	1,506,000	1,294,234	1,457,000
7750	Worker's Compensation	36,375	25,000	23,596	25,000
	TOTAL PERSONNEL SERVICES (LOADED)	1,469,836	1,531,000	1,317,831	1,482,000
	<u>MATERIALS &amp; SUPPLIES</u>				
7240	Laboratories Supplies & Testing	43,414	35,000	44,088	35,000
7500	Chemicals	696,094	800,000	808,328	815,000
7560	Office Supplies & Printing	1,647	2,000	5,000	2,500
7620	Small Tools & Equipment	7,682	17,000	4,639	17,000
7740	Rental of Equipment	2,486	1,700	1,664	1,700
	TOTAL MATERIALS & SUPPLIES	751,323	855,700	863,720	871,200
	<u>MAINTENANCE</u>				
7380	Landscaping	12,449	12,000	37,074	35,000
7660	Building Service	31,782	28,500	28,834	28,500
7680	Communication Equipment	8,537	5,800	7,309	6,400
7850	Maintenance of Equipment	842,308	1,315,000	982,930	1,200,000
7930	Maintenance of Structures & Improvements	30,418	10,000	26,618	15,000
	TOTAL MAINTENANCE	925,495	1,371,300	1,082,766	1,284,900
	<u>UTILITIES</u>				
7060	Electricity Expense	811,037	770,000	871,299	894,000
7710	Natural Gas Expense	72,781	80,000	62,541	50,000
7760	Utilities	43,844	44,000	43,464	47,000
	TOTAL UTILITIES	927,662	894,000	977,305	991,000
	<u>MISCELLANEOUS</u>				
7120	Transportation	24,082	25,000	16,910	20,000
7160	Permit Fee to State	124,654	124,000	125,145	125,000
7260	Expense of Supervisor & Employees	14,341	15,000	18,469	18,000
7530	Sludge Disposal/Monofill Management	-	-	-	791,100
7640	Uniforms	31,678	30,000	24,104	30,000
7700	Insurance	17,640	22,300	22,300	23,700
7770	Security Services	111,963	112,800	99,875	157,900
7780	Miscellaneous Expense	823	1,000	53	700
7790	Software Hardware Expense	-	15,900	329	17,500
	TOTAL MISCELLANEOUS	325,181	346,000	307,184	1,183,900
	TOTAL - ALL ACCOUNTS	4,399,497	4,998,000	4,548,805	5,813,000

## BUDGET TO ACTUAL AND BUDGETED PERSONNEL



**650 HASKELL STREET WASTEWATER TREATMENT PLANT**

## WASTEWATER

**FUNCTION:**

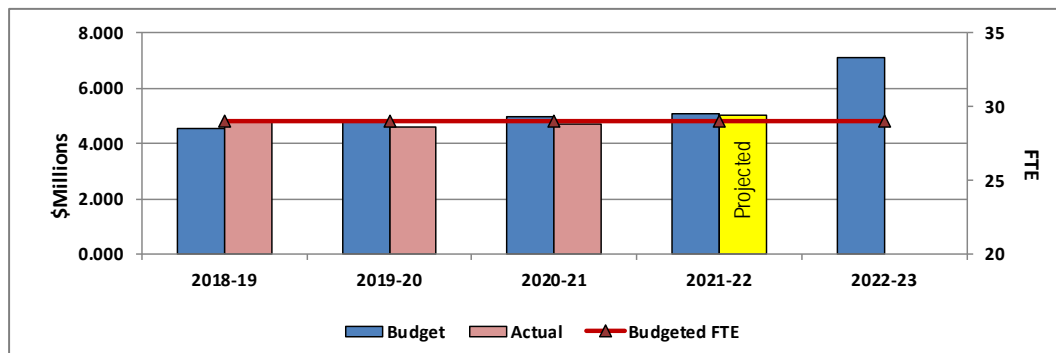
Supervise the 24-hour operation and maintenance of the Haskell R. Street Wastewater Treatment Plant, Which treats all wastewater from Central El Paso, Fort Bliss, and the diversions from the John T. Hickerson Water Reclamation Facility. The activated sludge plant consists of primary treatment, activated sludge treatment which also includes an anoxic selector to recover energy through nitrification/denitrification, final disinfection, dewatering of anaerobic sludge with filter belt presses, and the treatment of sewer gases with chemical and biological scrubbers for odor control. Plant effluent is discharged into the American Canal in return for additional water credits for the surface water plants. The plant also provides reclaimed water to Ascarate Golf Course, South-Central area parks, schools and businesses.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
NACWA Award	Increase Customer Satisfaction & Confidence	SILVER	SILVER	SILVER	GOLD
TPDES Permit Violations	Increase Customer Satisfaction & Confidence	2	4	5	0
Odor Complaints	Increase Customer Satisfaction & Confidence	1	1	0	0
Treated Wastewater Influent (MG)	Increase Customer Satisfaction & Confidence	4,747	4,948	4,809	5,000
Average cost per 1,000 gallons	Strengthen Financial Viability	\$0.91	\$0.87	\$0.93	\$0.85

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Utility Plant Superintendent	130	1	1	1	1
Utility Plant Assistant Superintendent	125	2	2	2	2
Industrial Electrician	55	1	1	0	1
Utility Plant Lead Technician	55	8	8	5	8
Utility Plant Senior Technician	52	8	8	1	8
Utility Plant Technician	50	8	8	8	8
Senior Office Assistant	45	1	1	1	1
<b>Total Personnel</b>		<b>29</b>	<b>29</b>	<b>18</b>	<b>29</b>

OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<u>PERSONNEL SERVICES</u>				
7020	O & M Salaries and Wages	1,360,048	1,503,000	1,349,653	1,513,000
7750	Worker's Compensation	91,384	25,000	117,437	25,000
	TOTAL PERSONNEL SERVICES (LOADED)	1,451,433	1,528,000	1,467,090	1,538,000
	<u>MATERIALS &amp; SUPPLIES</u>				
7240	Laboratories Supplies & Testing	49,874	60,000	57,406	60,000
7500	Chemicals	619,833	620,000	611,525	737,800
7560	Office Supplies & Printing	4,608	4,000	3,339	4,000
7620	Small Tools & Equipment	22,447	20,700	18,001	20,700
7740	Rental of Equipment	6,698	1,600	3,963	4,600
	TOTAL MATERIALS & SUPPLIES	703,460	706,300	694,235	827,100
	<u>MAINTENANCE</u>				
7380	Landscaping	21,419	18,000	1,809	18,000
7660	Building Services	34,824	32,000	49,181	50,000
7680	Communication Equipment	6,713	6,800	5,433	7,400
7850	Maintenance of Equipment	1,218,274	1,200,000	1,303,616	1,650,000
7930	Maintenance of Structures & Improvements	36,939	90,000	43,551	30,000
	TOTAL MAINTENANCE	1,318,169	1,346,800	1,403,588	1,755,400
	<u>UTILITIES</u>				
7060	Electricity Expense	806,022	1,000,000	1,037,341	1,100,000
7710	Natural Gas Expense	90,827	120,000	86,483	100,000
7760	Utilities	83,365	92,000	69,215	80,000
	TOTAL UTILITIES	980,214	1,212,000	1,193,039	1,280,000
	<u>MISCELLANEOUS</u>				
7120	Transportation	10,375	22,000	15,274	20,000
7160	Permit Fee to State	124,654	125,000	124,137	125,000
7260	Expense of Supervisor & Employees	7,911	15,000	20,262	20,100
7530	Sludge Disposal/Monofill Management	-	-	-	1,378,600
7640	Uniforms	25,820	30,000	26,835	30,000
7700	Insurance	22,560	28,600	28,600	30,500
7730	Special Services	24	-	-	100
7770	Security Services	52,088	61,000	61,685	82,900
7780	Miscellaneous Expense	439	1,200	1,645	1,300
7790	Software/Hardware Expense	-	20,100	2,262	22,000
	TOTAL MISCELLANEOUS	243,871	302,900	280,699	1,710,500
	TOTAL - ALL ACCOUNTS	4,697,148	5,096,000	5,038,651	7,111,000

## BUDGET TO ACTUAL AND BUDGETED PERSONNEL



**670 ROBERTO BUSTAMANTE WASTEWATER TREATMENT PLANT**

## WASTEWATER

**FUNCTION:**

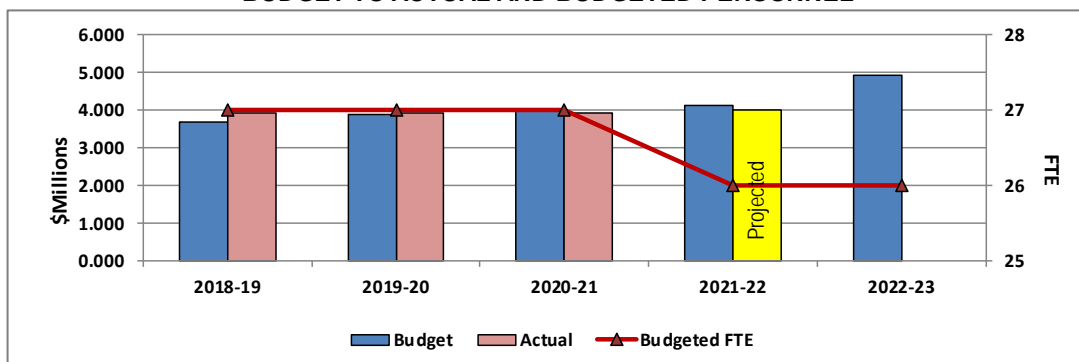
Responsible for the operation and maintenance of the Roberto R. Bustamante Plant, which treats approximately 30 MGD. The plant treatment process provides primary treatment, conventional activated sludge treatment, final disinfection, anaerobic digesters, belt presses, and gravity belt thickeners. The plant also has a 2 MGD sand filter system with pumping equipment, chlorine addition, and disinfecting capabilities for water re-use for the Riverside International Industrial Center. The plant also provides water to the Rio Bosque Wetlands Park and reclaimed water to the Mount Carmel Cemetery and to the City's Tree Farm.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2018-19 ACTUAL	FY 2019-20 ACTUAL	FY 2020-21 PROJECTED	FY 2021-22 GOAL
NACWA Award	Increase Customer Satisfaction & Confidence	SILVER	GOLD	SILVER	GOLD
TPDES Permit Violations	Increase Customer Satisfaction & Confidence	1	0	4	0
Odor Complaints	Increase Customer Satisfaction & Confidence	0	0	0	0
Treated Wastewater Effluent (MG)	Increase Customer Satisfaction & Confidence	10,500	10,777	10,992	11,000
Average cost of 1,000 gallons treated	Strengthen Financial Viability	\$0.44	\$0.47	<\$0.50	<\$0.50

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Utility Plant Superintendent	130	1	1	1	1
Utility Plant Assistant Superintendent	125	2	2	2	2
Utility Plant Lead Technician	55	9	9	8	9
Industrial Electrician	55	1	1	1	1
Utility Plant Senior Technician	52	8	8	5	8
Utility Plant Technician	50	7	7	8	7
Senior Office Assistant	45	1	1	1	1
<b>Total Personnel</b>		<b>29</b>	<b>29</b>	<b>26</b>	<b>29</b>

OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<u>PERSONNEL SERVICES</u>				
7020	O & M Salaries and Wages	1,112,236	1,324,000	1,056,245	1,334,000
7750	Worker's Compensation	15,497	15,400	12,842	15,400
	TOTAL PERSONNEL SERVICES (LOADED)	1,127,732	1,339,400	1,069,087	1,349,400
	<u>MATERIALS &amp; SUPPLIES</u>				
7240	Laboratory Supplies & Testing	22,335	10,000	31,394	25,000
7500	Chemicals	1,080,470	1,123,000	1,126,450	1,123,000
7560	Office Supplies & Printing	3,022	4,000	7,793	8,000
7620	Small Tools & Equipment	6,181	8,000	7,197	8,000
7740	Rental of Equipment	21,924	1,600	30,578	15,000
	TOTAL MATERIALS & SUPPLIES	1,133,932	1,146,600	1,203,412	1,179,000
	<u>MAINTENANCE</u>				
7380	Landscaping	1,466	2,000	4,000	3,000
7660	Building Services	49,185	55,000	50,000	55,000
7680	Communication Equipment	4,630	4,000	2,840	4,200
7850	Maintenance of Equipment	745,935	700,000	831,599	900,000
7930	Maintenance of Structures & Improvements	46,432	30,000	16,019	30,000
	TOTAL MAINTENANCE	847,647	791,000	904,458	992,200
	<u>UTILITIES</u>				
7060	Electricity Expense	665,884	680,000	662,981	680,000
7710	Natural Gas Expense	15,638	17,000	16,886	17,000
7760	Utilities	35,346	25,000	24,476	25,000
	TOTAL UTILITIES	716,868	722,000	704,343	722,000
	<u>MISCELLANEOUS</u>				
7120	Transportation	59,224	50,000	37,132	40,000
7160	Permit Fees to State	6,783	8,000	6,953	8,000
7260	Expense of Supervisor & Employees	9,911	10,000	21,678	20,000
7530	Sludge Disposal/Monofill Management	-	-	-	443,800
7640	Uniforms	12,870	13,000	11,647	13,000
7700	Insurance	19,080	24,200	24,200	25,700
7770	Security	9,896	7,900	14,882	95,500
7780	Miscellaneous Expense	735	1,000	1,020	900
7790	Software/Hardware Expense	578	15,900	535	18,500
	TOTAL MISCELLANEOUS	119,076	130,000	118,047	665,400
	TOTAL - ALL ACCOUNTS	3,945,256	4,129,000	3,999,347	4,908,000

BUDGET TO ACTUAL AND BUDGETED PERSONNEL



## WASTEWATER

**FUNCTION:**

Operate and maintain the water reclamation plant that treats Northeast El Paso wastewater to drinking water quality. Operate and maintain injection wells and infiltration basins that recharge the Hueco Bolson aquifer, a pumping station, and a field reservoir. Product water is sold to the El Paso Electric Company Newman power plant, Painted Dunes Golf Course, Solid Waste Management, Triple B Cattle Ranch and the Northeast Regional Park.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
NACWA Award	Increase Customer Satisfaction & Confidence	PLATINUM	PLATINUM	PLATINUM	PLATINUM
Effluent Permit Violations	Increase Customer Satisfaction & Confidence	0	0	0	0
Odor Complaints	Increase Customer Satisfaction & Confidence	0	0	0	0
Treated Wastewater Influent (MG)	Increase Customer Satisfaction & Confidence	2,048	2,056	2,075	>2,075
Total water production (MG)	Increase Customer Satisfaction & Confidence	2,058	2,064	2,090	>2,090
Average cost per 1,000 gallons treated	Strengthen Financial Viability	\$1.86	\$1.90	\$1.95	<\$1.95

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Utility Plant Superintendent	130	1	1	1	1
Utility Plant Assistant Superintendent	125	2	2	2	2
Industrial Electrician	55	1	1	1	1
Utility Plant Lead Technician	55	8	8	2	8
Utility Plant Senior Technician	52	7	7	2	7
Utility Plant Technician	50	6	6	6	6
Equipment Operator <sup>1</sup>	48	0	0	0	0
Senior Office Assistant	45	1	1	1	1
<b>Total Personnel</b>		<b>26</b>	<b>26</b>	<b>15</b>	<b>26</b>

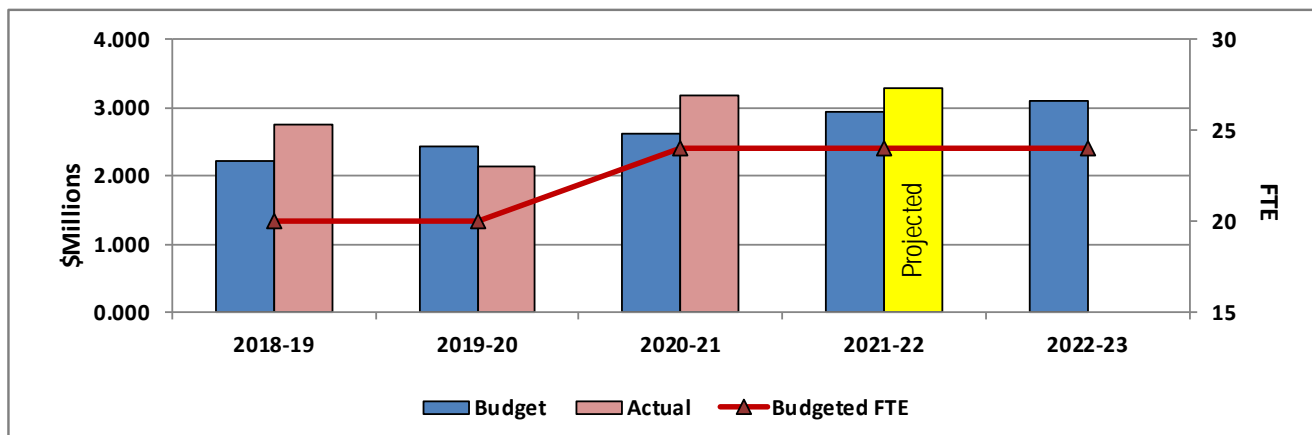
<sup>1</sup>FY2020-21 Move one Equipment Operator to section 916 per Human Resources off cycle budget staffing change request

**690 SYSTEM REPAIR & CONSTRUCTION**

## WASTEWATER

**OPERATING AND MAINTENANCE BUDGET**

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<b><u>PERSONNEL SERVICES</u></b>				
7010	Capital Salaries and Wages	546,352	453,000	444,603	429,000
7020	O & M Salaries and Wages	201,573	554,000	353,850	525,000
7750	Worker's Compensation	11,606	25,000	22,900	25,000
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	<b>759,531</b>	<b>1,032,000</b>	<b>821,353</b>	<b>979,000</b>
	<b><u>MATERIALS &amp; SUPPLIES</u></b>				
7560	Office Supplies & Printing	786	1,000	355	1,000
7620	Small Tools & Equipment	25,089	25,000	10,203	25,000
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	<b>25,875</b>	<b>26,000</b>	<b>10,558</b>	<b>26,000</b>
	<b><u>MAINTENANCE</u></b>				
7280	Manhole Expense	249,590	250,000	297,351	300,000
7660	Building Services	13,327	10,000	7,751	10,000
7680	Communication Equipment	5,626	4,600	10,189	4,900
7850	Maintenance of Equipment	36,762	25,000	22,703	40,000
7860	Maintenance of Services	26,065	100,000	41,987	60,000
7880	Maintenance of Mains	2,005,616	1,400,000	2,000,000	1,600,000
	<b>TOTAL MAINTENANCE</b>	<b>2,336,986</b>	<b>1,789,600</b>	<b>2,379,982</b>	<b>2,014,900</b>
	<b><u>MISCELLANEOUS</u></b>				
7120	Transportation	42,418	48,000	57,049	48,000
7260	Expense of Supervisor & Employees	1,084	5,000	5,803	5,000
7640	Uniforms	22,401	25,400	20,418	25,000
7780	Miscellaneous Expense	3,252	2,900	1,363	2,800
7790	Software/Hardware Expense	-	1,100	246	1,300
	<b>TOTAL MISCELLANEOUS</b>	<b>69,155</b>	<b>82,400</b>	<b>84,879</b>	<b>82,100</b>
	<b>TOTAL - ALL ACCOUNTS</b>	<b>3,191,547</b>	<b>2,930,000</b>	<b>3,296,772</b>	<b>3,102,000</b>

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**



**690 SYSTEM REPAIR & CONSTRUCTION**

## WASTEWATER

**FUNCTION:**

Repair sanitary sewer pipeline system consisting of over 2,385 miles in place. Also, construct new sanitary sewer mains and new sewer main extensions. Construct new manholes when necessary to improve maintenance of sewer system. Make large diameter taps to connect new sewer service lines into public sewer mains. Set up dewatering systems where ground water is present for replacing, repairing and installing new sewer and water mains. Adjust manhole rings and covers to specific elevation and grades due to city street paving and resurfacing projects. Replace broken and worn-out manhole rings and covers throughout the city. Identify manholes in deteriorated conditions due to hydrogen sulfide (H<sub>2</sub>S) gases for rehabilitation purposes.

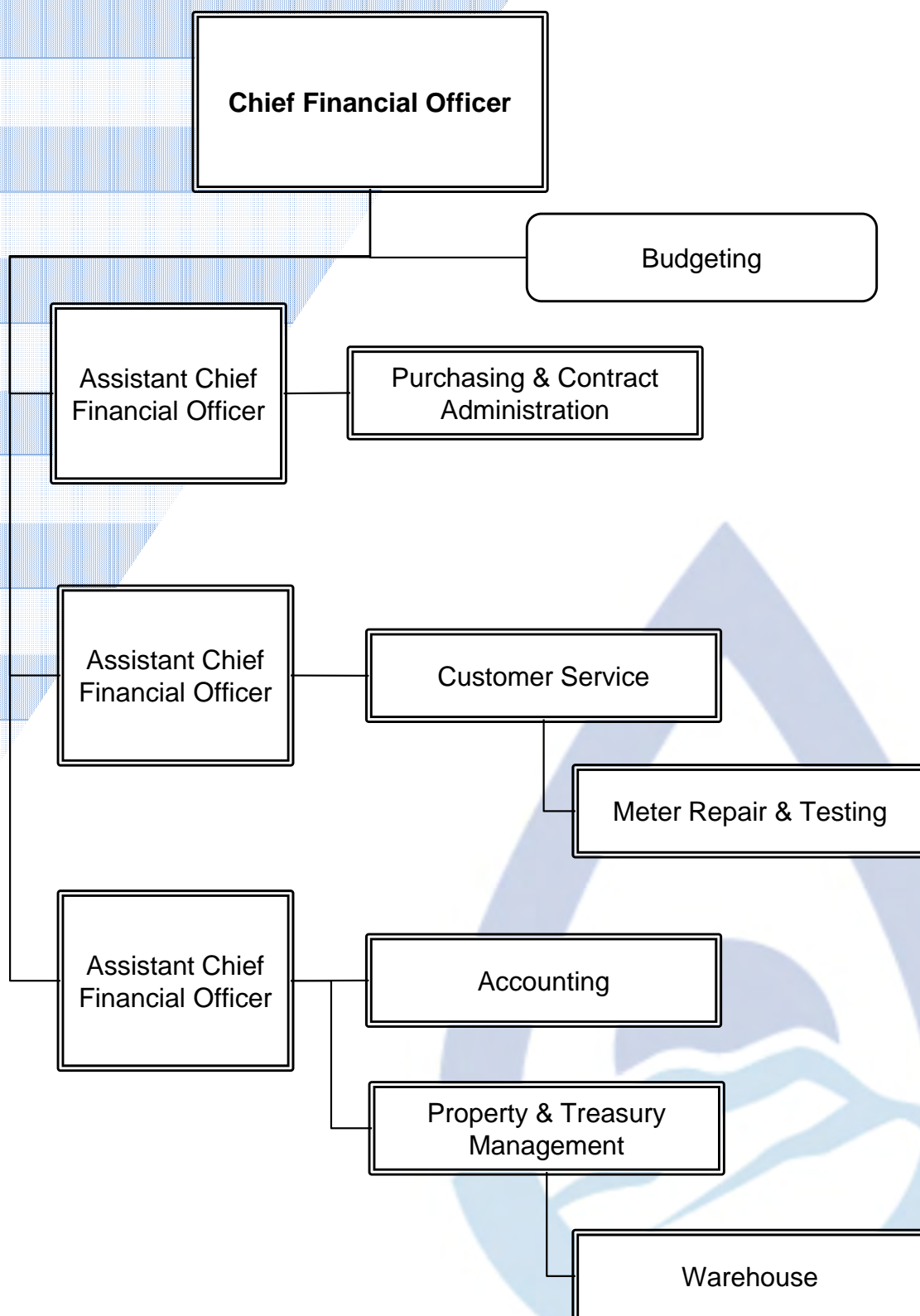
PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
GPM of infiltration/inflow stopped	Increase Customer Satisfaction & Confidence	50	45	55	60
Miles of sewer lines in place	Improve Efficiency	2,370	2,380	2,390	2,395
Miles of sewer mains per employee	Strengthen Financial Viability	116	117	118	118
Rehab of Manholes	Improve Wastewater Systems	65	65	70	75

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Wastewater Construction Superintendent	128	1	1	0	1
Wastewater Assistant Construction Superintendent	55	1	1	0	1
Wastewater Service Worker Supervisor <sup>1</sup>	52	3	3	3	3
Wastewater Lead Service Worker	47	1	1	0	1
Utility Pipelayer <sup>1,2</sup>	46	9	10	4	10
General Service Worker <sup>1</sup>	43	8	8	5	8
<b>Total Personnel</b>		<b>23</b>	<b>24</b>	<b>12</b>	<b>24</b>

<sup>1</sup>FY2020-21 Add one Water Service Worker Supervisor, one Utility Pipelayer, and one General Service Worker per Issue Paper

<sup>2</sup>FY2021-22 Add one Utility Pipelayer per Issue Paper

## Finance & Support Services

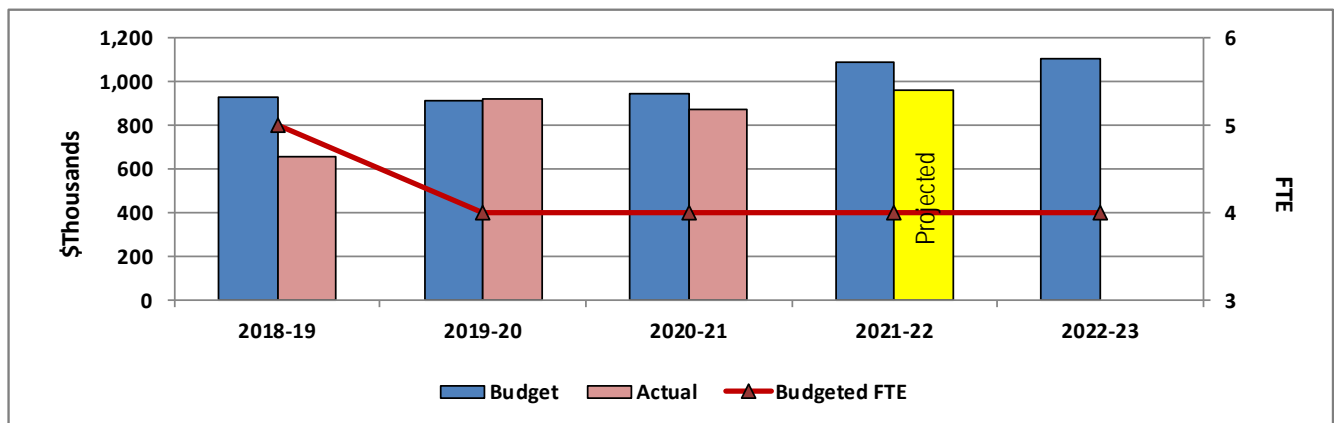


**710 FINANCE**

## FINANCIAL &amp; SUPPORT SERVICES

**OPERATING AND MAINTENANCE BUDGET**

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
<b>PERSONNEL SERVICES</b>					
7020	O & M Salaries and Wages	535,455	557,000	498,669	599,000
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	535,455	557,000	498,669	599,000
<b>MATERIALS &amp; SUPPLIES</b>					
7560	Office Supplies & Printing	2,793	2,500	1,958	2,000
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	2,793	2,500	1,958	2,000
<b>MAINTENANCE</b>					
7680	Communication Equipment	1,141	1,100	1,006	1,200
	<b>TOTAL MAINTENANCE</b>	1,141	1,100	1,006	1,200
<b>MISCELLANEOUS</b>					
7050	Audit Services	140,000	150,000	150,000	160,000
7100	Rent	19,680	19,300	19,300	19,500
7120	Transportation	4,521	4,600	4,521	4,600
7260	Expense of Supervisor & Employees	2,497	4,100	2,551	4,100
7700	Insurance	6,360	8,000	8,000	8,500
7720	Professional Services	163,173	342,000	270,980	300,000
7780	Miscellaneous Expense	85	300	795	200
7790	Software Expense	19	4,100	45	3,900
	<b>TOTAL MISCELLANEOUS</b>	336,335	532,400	456,192	500,800
	<b>TOTAL - ALL ACCOUNTS</b>	875,725	1,093,000	957,825	1,103,000

**FINANCE****BUDGET TO ACTUAL AND BUDGETED PERSONNEL**

**710 FINANCE**

## FINANCIAL &amp; SUPPORT SERVICES

**FUNCTION:**

Through direction by the Board and management the Finance section is responsible for ensuring the financial stability of the Utility. Plans, administers, and coordinates all financial and support services operations, including Finance (including budgeting and grant management), Accounting, Customer Service (including meter reading and repair, billing, call center, and collections), Purchasing and Contract Administration, Property and Treasury Management, and the Warehouse. Major responsibilities include overseeing proper procurement of capital, good and services, revenue and expenditures, investments and cash management, property control, and producing and presenting executive summary reports for the President and CEO and the Public Service Board. Updates the Five Year Financial Plan annually, in accordance with the policies of the Public Service Board and the direction of management, and prepares and produces the Annual Budget and oversees the Annual Comprehensive Financial Report.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
<b>Improve Bond Ratings</b>					
S&P Bond Rating	Increase Customer Satisfaction & Confidence	AA+	AA+	AA+	AA+
Fitch Bond Rating	Increase Customer Satisfaction & Confidence	AA+	AA+	AA+	AA+
<b>Maintain Commercial Paper (CP) Rating</b>					
S&P CP Rating	Strengthen Financial Viability	A1+	A1+	A1+	A1+
Moody's CP Rating	Strengthen Financial Viability	P-1	P-1	P-1	P-1
<b>Improve Reserves</b>					
Water and Sewer Operating Fund Reserve Target (90 to 120 days)	Strengthen Financial Viability	102	185	173	167
Stormwater Operating Fund Reserve Target (90 to 120 days)	Strengthen Financial Viability	209	190	192	159

**710 FINANCE**

## FINANCIAL &amp; SUPPORT SERVICES

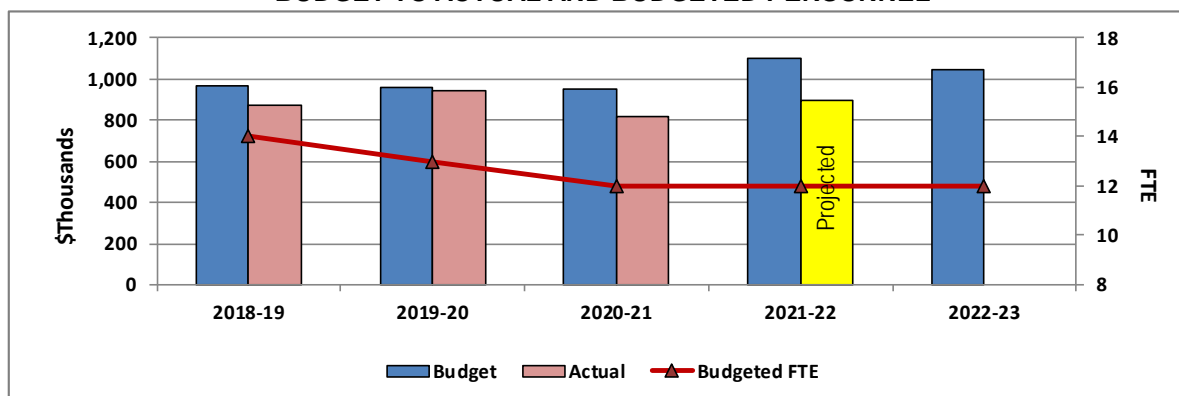
PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Financial Ratios					
Debt Service Coverage	Strengthen Financial Viability	2.21	2.38	2.48	2.18
Water & Sewer		1.87	1.89	1.77	1.88
Stormwater					
Water & Sewer Utility Variances, Actual vs. Budgeted, favorable/(unfavorable)					
Total Operating Revenues	Strengthen Financial Viability	(1.8%)	3.1%	(2.6%)	0.0%
Total Operating and Maintenance Expenditures	Strengthen Financial Viability	2.3%	5.3%	8.4%	5.0%
Stormwater Utility Variances, Actual vs. Budgeted, favorable/(unfavorable)					
Total Operating Revenues	Strengthen Financial Viability	1.8%	(0.2%)	(0.1%)	0.0%
Total Operating and Maintenance Expenditures	Strengthen Financial Viability	0.8%	15.8%	(6.5%)	5.0%

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Utility Chief Financial Officer	EX2	1	1	1	1
Utility Assistant Chief Financial Officer <sup>1</sup>	EX3	2	2	2	3
Senior Budget Analyst <sup>2</sup>	129	0	0	0	1
Budget & Management Analyst <sup>2</sup>	125	1	1	1	0
<b>Total Personnel</b>		<b>4</b>	<b>4</b>	<b>4</b>	<b>5</b>

<sup>1</sup>FY2021-22 Add one Utility Assistant Chief Financial Officer per Executive Management<sup>2</sup>FY2022-23 Delete Budget & Management Analyst and add Senior Budget Analyst per Issue Paper

OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<u>PERSONNEL SERVICES</u>				
7020	O & M Salaries and Wages	494,787	612,000	493,311	623,000
7750	Worker's Compensation	-	1,200	431	1,200
	TOTAL PERSONNEL SERVICES (LOADED)	494,787	613,200	493,742	624,200
	<u>MATERIALS &amp; SUPPLIES</u>				
7560	Office Supplies & Printing	6,790	8,800	6,064	8,700
7740	Rental of Equipment	901	500	574	500
	TOTAL MATERIALS & SUPPLIES	7,692	9,300	6,638	9,200
	<u>MAINTENANCE</u>				
7660	Building Services	3,909	3,700	4,190	4,800
7680	Communication Equipment	1,234	1,600	1,236	1,700
7910	Maintenance of Office Furniture & Equipment	28,956	29,000	29,056	29,600
	TOTAL MAINTENANCE	34,100	34,300	34,482	36,100
	<u>UTILITIES</u>				
7760	Utilities	3,649	5,000	3,797	5,000
	TOTAL UTILITIES	3,649	5,000	3,797	5,000
	<u>MISCELLANEOUS</u>				
7100	Rent	5,400	5,300	5,300	32,900
7120	Transportation	2,354	4,000	2,631	5,200
7130	Cash Management	233,238	160,000	286,627	288,500
7260	Expense of Supervisor & Employees	2,192	3,000	2,281	4,500
7320	Lease of Land	5,107	4,900	5,099	4,900
7420	Postage	2,894	2,500	2,888	2,300
7640	Uniforms	1,108	1,200	1,275	1,200
7700	Insurance	12,600	15,900	15,900	17,000
7730	Special Services	4,912	2,700	4,754	2,700
7770	Security Services	8,659	9,200	9,559	1,100
7780	Miscellaneous Expense	160	1,000	372	700
7790	Software/Hardware Expense	-	230,500	23,309	10,500
	TOTAL MISCELLANEOUS	278,624	440,200	359,997	371,500
	TOTAL - ALL ACCOUNTS	818,851	1,102,000	898,655	1,046,000

## BUDGET TO ACTUAL AND BUDGETED PERSONNEL



**715 PROPERTY & TREASURY MANAGEMENT**

## FINANCIAL &amp; SUPPORT SERVICES

**FUNCTION:**

Manage cash, cash equivalents, and investments made by El Paso Water to ensure efficient cash flows to fund debt service, capital funding needs, and operations and maintenance while maximizing investment yield through analysis of market interest rates and emphasizing maximum security. Conform to all state and local statutes governing the investment of public funds, while ensuring that investments are made in accordance with the Public Service Board's Rules and Regulations #10 (Investment Policy). Supervise and manage Property Control's operations in providing safekeeping and recording of taggable assets.

Supervise EPWater Warehouse operations to ensure adequate levels are maintained through proper procurement methods. Oversee the collection, processing and posting of customer payments and deposits through cashiering operations. Oversee the drawdowns, rollovers and cashflow for the \$80 million commercial paper and \$25 million Direct Fund Revolving Note programs.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Bank Reconciliations Submitted before deadline (25 <sup>th</sup> – 20 <sup>th</sup> beginning 2020-21)	Improve Efficiency	70%	33%	92%	100%
Section Audits completed by Property Control	Improve Efficiency	100%	100%	100%	100%
Cashier Audits	Strengthen Financial Viability	1	1	1	1
Supervisor Meetings	Improve Communication	0	0	12	12

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Utility Treasury and Property Control Manager	EX5	1	1	1	1
Accountant	125	1	1	0	1
Office Manager	55	1	1	1	1
Revenue Processing Supervisor	54	1	1	1	1
Senior Property Control Officer <sup>4</sup>	53	0	0	0	1
Collections Supervisor <sup>3</sup>	51	2	2	2	3
Property Control Officer	50	1	1	1	1
Materials Specialist <sup>4</sup>	47	1	1	0	0
Senior Cashier <sup>1,2,3</sup>	45	5	4	2	3
<b>Total Personnel</b>		<b>13</b>	<b>12</b>	<b>8</b>	<b>12</b>

<sup>1</sup>FY2020-21 Delete one Senior Cashier and add one Accounting Payroll Clerk to section 740 per HR off cycle budget staffing change request

<sup>2</sup>FY2021-22 Delete one Senior Cashier per Issue Paper

<sup>3</sup>FY2022-23 Delete one Senior Cashier and add one Collections Supervisor per Issue Paper

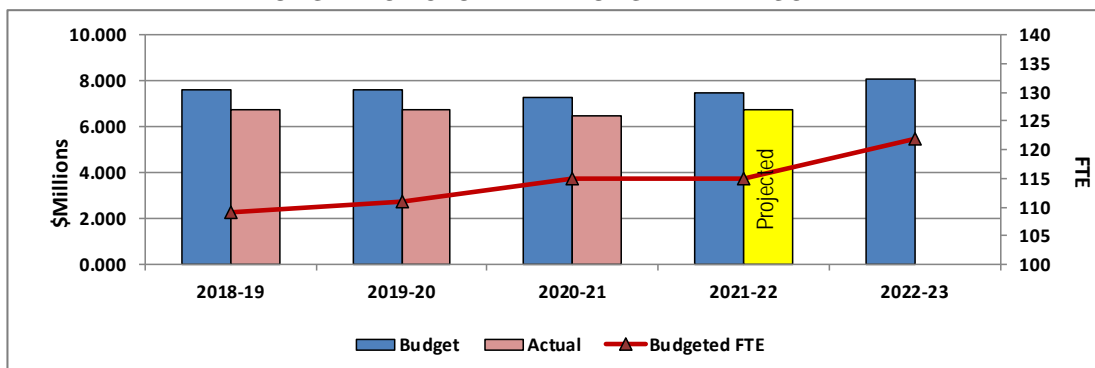
<sup>4</sup>FY2022-23 Delete one Material Specialist and add Senior Property Control Officer per Issue Paper



**720 CUSTOMER SERVICES**

## FINANCIAL &amp; SUPPORT SERVICE

<b>OPERATING AND MAINTENANCE BUDGET</b>					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<u>PERSONNEL SERVICES</u>				
7020	O & M Salaries and Wages	4,428,354	4,941,000	4,417,396	5,463,000
7750	Worker's Compensation	19,299	33,200	64,877	33,200
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	<b>4,447,653</b>	<b>4,974,200</b>	<b>4,482,274</b>	<b>5,496,200</b>
	<u>MATERIALS &amp; SUPPLIES</u>				
7560	Office Supplies & Printing	29,512	55,600	38,880	52,800
7620	Small Tools & Equipment	27,564	17,000	21,956	17,000
7740	Rental/Lease of Equipment	3,750	2,600	2,559	3,600
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	<b>60,826</b>	<b>75,200</b>	<b>63,395</b>	<b>73,400</b>
	<u>MAINTENANCE</u>				
7660	Building Services	48,023	65,000	59,224	65,000
7680	Communication Equipment	55,927	65,800	62,045	74,800
7860	Maintenance of Services	38,405	53,000	36,710	53,000
7940	Maintenance of Data Processing Equipment	48,053	50,000	46,888	50,000
	<b>TOTAL MAINTENANCE</b>	<b>190,407</b>	<b>233,800</b>	<b>204,866</b>	<b>242,800</b>
	<u>UTILITIES</u>				
7060	Electricity Expense	20,250	22,000	20,699	22,000
7710	Natural Gas Expense	3,656	3,600	4,024	3,600
7760	Utilities	9,739	9,500	11,489	9,500
	<b>TOTAL UTILITIES</b>	<b>33,645</b>	<b>35,100</b>	<b>36,212</b>	<b>35,100</b>
	<u>MISCELLANEOUS</u>				
7100	Rent	-	-	-	131,600
7120	Transportation	198,736	200,300	210,305	230,000
7260	Expense of Supervisor & Employees	6,455	40,000	25,871	42,000
7320	Lease of Land	28,937	27,900	28,963	27,900
7420	Billing Postage & Envelopes	1,260,729	1,250,000	1,296,623	1,375,000
7640	Uniforms	25,930	30,000	29,885	30,000
7700	Insurance	600	700	700	700
7730	Special Services	90,149	283,400	106,743	211,000
7770	Security Services	57,774	51,800	53,837	6,100
7780	Miscellaneous Expense	1,711	2,300	1,338	2,200
7790	Software/Hardware Expense	59,076	257,300	179,944	169,000
	<b>TOTAL MISCELLANEOUS</b>	<b>1,730,097</b>	<b>2,143,700</b>	<b>1,934,210</b>	<b>2,225,500</b>
	<b>TOTAL - ALL ACCOUNTS</b>	<b>6,462,627</b>	<b>7,462,000</b>	<b>6,720,956</b>	<b>8,073,000</b>

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**



**720 CUSTOMER SERVICES**

## FINANCIAL &amp; SUPPORT SERVICE

**FUNCTION:**

All meter-to-cash and customer account services are managed by the Customer Service Contact Center. Meter reading, installations, billing, delinquent action, service turn-on/off, field inspections, and all other aspects of the customer's account are covered. These services are provided in a manner that prioritizes the needs of the customer while adhering to the Public Service Board's rules, regulations, and policies. The Meter Repair Shop and all meter exchange programs, and infrastructure are also managed by Customer Service.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
*Small Smart Meters Installed	Strengthen Financial Viability	12,452	6,085	13,000	20,000
*Large Smart Meters Installed	Strengthen Financial Viability	162	52	135	150
Accuracy of Meter Reading (Manual)	Strengthen Financial Viability	99.96%	99.96%	99.92%	99.98%
Meter Leak Repairs Completed from 1 to 3 Days	Increase Customer Satisfaction & Confidence, Improve Efficiency	5,573 Overall 97.34%	7,772 Overall 97.5%	7,800	8,000
Total Calls Received	Increase Customer Satisfaction & Confidence, Improve Efficiency	371,006	274,735	321,224	337,285
Percent of Abandoned Calls	Increase Customer Satisfaction & Confidence, Improve Efficiency	23.3%	4.8%	22%	25%
Customers Assistance	Strengthen Financial Viability	\$61,475.82	\$300,574.48	\$1,800,000	\$1,000,000

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Utility Business & Customer Service Manager	EX4	1	1	1	1
Business & Customer Service Assistant Manager	134	3	3	3	3
Utility Call Center Assistant Manager	130	0	1	1	1
Senior Budget Analyst <sup>7</sup>	129	0	0	0	1
Budget & Management Analyst <sup>7</sup>	125	1	1	1	0
Utility Call Center Supervisor	55	1	1	1	1
Utility Customer Service Supervisor	55	1	1	1	1
Customer Relations & Billing Supervisor <sup>1,3,9</sup>	54	3	4	1	13
Utility Customer Service Quality Assurance & Training Specialist <sup>4</sup>	54	1	2	1	2
Utility Field Customer Service Supervisor	53	1	1	1	1
Utility Meter Reader Supervisor	52	1	1	1	1
Utility Field Customer Service Senior Inspector	51	2	2	0	2
Customer Relations Representative <sup>5</sup>	50	6	6	6	38
Communication Dispatcher	50	1	1	1	1
Utility Field Customer Service Inspector	49	10	10	9	10
Utility Field Customer Service Worker	48	21	21	21	21
Utility Senior Meter Reader	48	2	2	0	2

**720 CUSTOMER SERVICES**

## FINANCIAL &amp; SUPPORT SERVICE

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Customer Relations Clerk <sup>2,5</sup>	47	33	34	30	0
Secretary	46	1	1	0	1
Utility Meter Reader	46	20	20	15	20
Senior Office Assistant	45	3	3	2	3
<b>Total Personnel</b>		<b>112</b>	<b>116</b>	<b>96</b>	<b>123</b>

<sup>1</sup>FY2020-21 Add one Customer Relations & Billing Supervisor position per Issue Paper

<sup>2</sup>FY2021-22 Add one Customer Relations Clerk per Issue Paper

<sup>3</sup>FY2021-22 Add one Customer Relations & Billing Supervisor per Issue Paper

<sup>4</sup>FY2021-22 Add one Utility Customer Service Quality Assurance & Training Specialist per Issue Paper

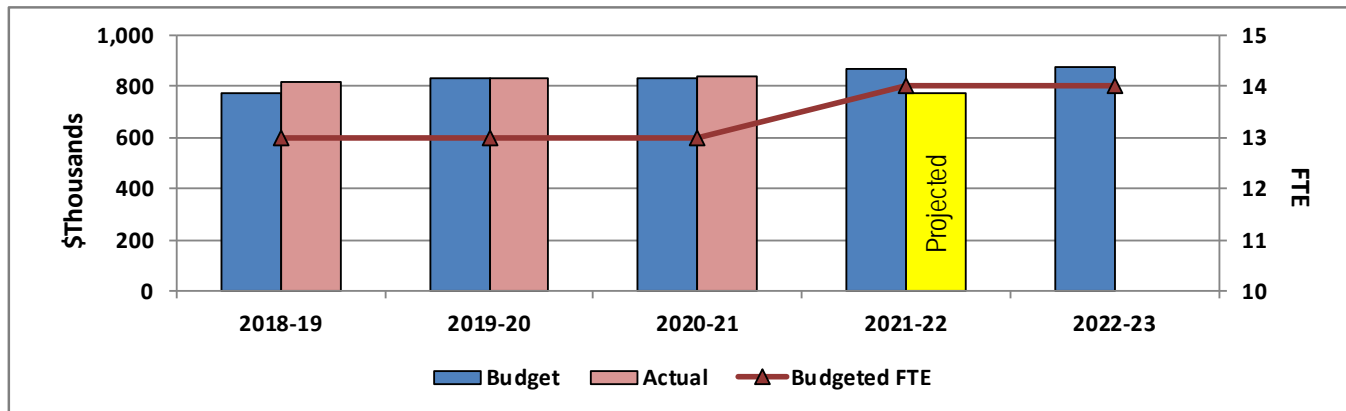
<sup>5</sup>FY2022-23 Delete thirty-four Customer Relations Clerks and add thirty-two Customer Relations Representatives per Issue Paper

<sup>6</sup>FY2022-23 Add nine Customer Relations & Billing Supervisors per Issue Paper

<sup>7</sup>FY2022-23 Delete Budget & Management Analyst and add Senior Budget Analyst per Issue Paper

**OPERATING AND MAINTENANCE BUDGET**

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<u>PERSONNEL SERVICES</u>				
7020	O & M Salaries and Wages	764,410	779,000	672,776	775,000
7750	Worker's Compensation	-	-	1,091	-
	TOTAL PERSONNEL SERVICES (LOADED)	764,410	779,000	673,867	775,000
	<u>MATERIALS &amp; SUPPLIES</u>				
7560	Office Supplies & Printing	11,057	10,500	12,581	11,000
7740	Rental/Lease of Equipment	4,260	3,200	2,849	3,200
	TOTAL MATERIALS & SUPPLIES	15,317	13,700	15,430	14,200
	<u>MISCELLANEOUS</u>				
7100	Rent	41,280	40,400	40,400	40,800
7260	Expense of Supervisor & Employees	1,719	4,500	2,867	6,200
7420	Postage	8,848	9,000	10,023	12,700
7730	Special Services	6,844	6,000	5,700	6,000
7780	Miscellaneous Expense	1,493	1,000	812	1,000
7790	Software/Hardware Expense	-	16,400	26,670	20,100
	TOTAL MISCELLANEOUS	60,184	77,300	86,472	86,800
	TOTAL - ALL ACCOUNTS	839,911	870,000	775,769	876,000

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**

**740 ACCOUNTING**

## FINANCIAL &amp; SUPPORT SERVICES

**FUNCTION:**

Maintain the financial records for the Water and Wastewater, and Municipal Drainage Utilities in accordance with Ordinance 752 and Ordinance No. 016668 and subsequent ordinances and amendments. Responsible for all general accounting functions to include billing and collection of miscellaneous account receivables and processing of payment of authorized disbursements. Prepare annual revenue projections for budget and assist in the preparation of the CIP budget. Responsible for all local, state, and federal grants reporting and reimbursement requests to include State Revolving Fund (SRF) Loans. Prepare monthly, quarterly, and annual financial statements in accordance with Generally Accepted Accounting Principles and implement Governmental accounting standards Board (GASB) pronouncements as required. Administer all benefits offered to Utility employees and dependents. Process biweekly payroll and taxes, complete quarterly 941's, and process annual W-2's and 1099's as per IRS requirements.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Receive GFOA's Certificate of Excellence in Financial Reporting for the Annual Comprehensive Financial Report (ACFR)	Strengthen Financial Visibility	Yes	Yes	Yes	Yes
Receive unqualified opinion from external auditors	Strengthen Financial Visibility	Yes	Yes	Yes	Yes
Average number of days to close month	Improve Efficiency	8.36	8.91	10.55	9.0
Average number of days to prepare monthly cip report after close	Improve Efficiency	9.56	2.50	2.70	3.0
Average number of days to prepare Revenue Snapshot after close	Improve Efficiency	N/A	2.91	2.73	3.0

**740 ACCOUNTING**

## FINANCIAL &amp; SUPPORT SERVICES

<b>Positions</b>	<b>Pay Grade</b>	<b>Approved 2020-21</b>	<b>Approved 2021-22</b>	<b>Actual As Of 09/01/21</b>	<b>Approved 2022-23</b>
Fiscal Operations Manager	EX5	1	1	0	1
Accounting Manager	130	1	1	1	1
Accountant	125	1	1	0	1
Associate Accountant	122	0	0	1	0
Disbursement Supervisor	55	1	1	1	1
Utility Capital Improvement Program Specialist	56	1	1	0	1
Senior Human Resources Specialist	54	1	1	1	1
Senior Accounting/Payroll Specialist <sup>3</sup>	52	0	1	1	1
Accounting/Payroll Specialist <sup>2,3</sup>	50	3	6	5	6
Accounting/Payroll Clerk <sup>1,2</sup>	46	5	1	2	1
Senior Cashier	45	0	0	1	0
<b>Total Personnel</b>		<b>14</b>	<b>14</b>	<b>13</b>	<b>14</b>

<sup>1</sup>FY2020-21 Add one Accounting Payroll Clerk per Human Resources off cycle budget staffing change request

<sup>2</sup>FY2021-22 Delete four Accounting/Payroll Clerks and add four Accounting/Payroll Specialists per Issue Paper

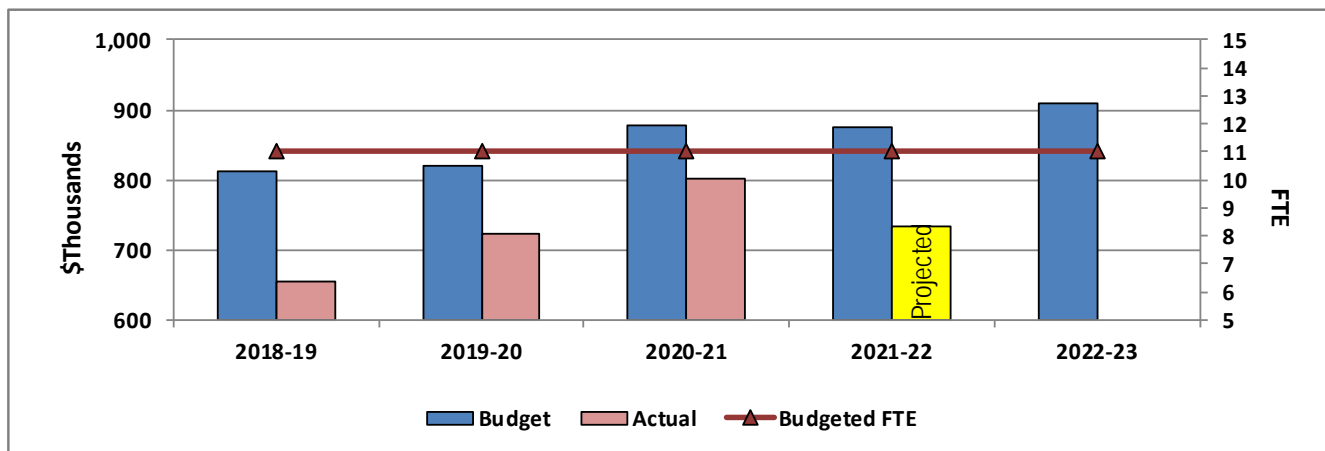
<sup>3</sup>FY2021-22 Delete one Accounting/Payroll Specialist and add one Senior Accounting/Payroll Specialist per Human Resources off cycle budget staffing change request

**750 PURCHASING & CONTRACT ADMINISTRATION**

## FINANCIAL &amp; SUPPORT SERVICES

**OPERATING AND MAINTENANCE BUDGET**

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<u>PERSONNEL SERVICES</u>				
7020	O & M Salaries and Wages	668,210	732,000	637,119	758,000
7750	Worker's Compensation	38	-	(105)	-
	TOTAL PERSONNEL SERVICES (LOADED)	668,247	732,000	637,014	758,000
	<u>MATERIALS &amp; SUPPLIES</u>				
7560	Office Supplies & Printing	9,331	7,000	3,841	7,100
7740	Rental/Lease of Equipment	4,880	2,800	3,377	2,800
	TOTAL MATERIALS & SUPPLIES	14,211	9,800	7,217	9,900
	<u>MAINTENANCE</u>				
7680	Portable Communication Equipment	937	1,900	916	1,100
	TOTAL MAINTENANCE	937	1,900	916	1,100
	<u>MISCELLANEOUS</u>				
7100	Rent	37,560	36,800	36,800	37,000
7120	Transportation	-	2,500	347	2,500
7260	Expense of Supervisor & Employees	1,777	3,200	3,562	5,100
7420	Postage	17,690	3,000	10,210	3,000
7510	Bid Advertisement Expense	34,679	50,000	29,736	50,000
7640	Uniforms	-	700	-	700
7730	Special Services	1,309	2,700	987	2,700
7780	Miscellaneous Expense	421	400	264	900
7790	Software Expense	24,777	33,000	6,659	39,100
	TOTAL MISCELLANEOUS	118,212	132,300	88,566	141,000
	TOTAL - ALL ACCOUNTS	801,607	876,000	733,713	910,000

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**

**750 PURCHASING & CONTRACT ADMINISTRATION**

## FINANCIAL &amp; SUPPORT SERVICES

**FUNCTION:**

Responsible for the procurement of goods, services, consultants and construction. Supervise and ensure compliance to purchasing state statutes, government codes and utility policies and procedures. Evaluate and prepare bids or quotations as required. Bid construction projects; issue the notice of award; review contract documentation for compliance with bid specifications and issue the notice to proceed. Write, execute, and administer all design, study, construction, consulting and various other formal contracts. Administer Task Orders, Change Orders and review engineering and contractor invoices and progress reports for compliance with contract terms and ensure that all contract requirements are fulfilled. Analyze and implement federal and state procurement regulations and grant or bond requirements and reporting. Track and report annually on the Public Service Board's goals of using Historically Underutilized Businesses.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Number of historically underutilized business from *EPWater listing of El Paso County Vendors	Increase Customer Satisfaction & Confidence, Strengthen Financial Viability	438	441	443	450
Use of small, local minority or women owned businesses for goods and services	Increase Customer Satisfaction & Confidence, Strengthen Financial Viability	53%	48%	50%	55%
Professional Construction and Design services invoices processed and sent to Project Managers within seven days of receipt from (PM)	Improve Efficiency	74%	57%	60%	75%

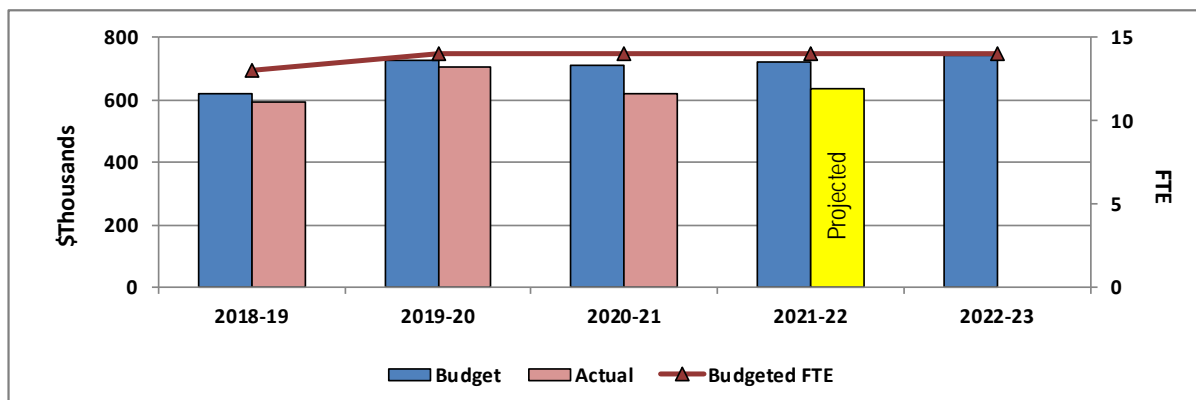
Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Utility Purchasing & Contracts Manager	EX5	1	1	0	1
Senior Purchasing Agent	131	1	1	1	1
Purchasing Agent	129	1	1	1	1
Contract Construction Administrator	129	1	1	1	1
Contracts Development Coordinator	128	1	1	1	1
Procurement Analyst	126	2	2	2	2
Senior Project Compliance Specialist <sup>1</sup>	126	1	1	1	1
Project Compliance Specialist	122	2	2	1	2
Purchasing Clerk	47	1	1	1	1
Senior Office Assistant <sup>1</sup>	45	0	0	0	0
<b>Total Personnel</b>		<b>11</b>	<b>11</b>	<b>9</b>	<b>11</b>

<sup>1</sup>FY2020-21 Deleted Senior Office Assistant and added Senior Project Compliance Specialist per Human Resources off cycle budget staffing change request

**912 METER REPAIR & TESTING**

FINANCIAL &amp; SUPPORT SERVICES

<b>OPERATING AND MAINTENANCE BUDGET</b>					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<u>PERSONNEL SERVICES</u>				
9020	O & M Salaries and Wages	470,976	562,000	467,332	569,000
9750	Worker's Compensation	-	7,200	3,875	7,200
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	<b>470,976</b>	<b>569,200</b>	<b>471,207</b>	<b>576,200</b>
	<u>MATERIALS &amp; SUPPLIES</u>				
9560	Office Supplies & Printing	991	900	2,169	1,000
9620	Small Tools & Equipment	12,870	10,000	28,502	20,000
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	<b>14,196</b>	<b>10,900</b>	<b>30,671</b>	<b>21,000</b>
	<u>MAINTENANCE</u>				
9660	Building Services	23,938	25,000	22,867	25,000
9680	Communication Equipment	4,878	6,800	5,812	7,400
9850	Maintenance of Equipment	2,421	1,600	4,858	5,000
9900	Maintenance of Meters	31,952	20,000	27,806	25,000
9930	Maintenance of Structures & Improvements	6,591	4,000	4,765	4,000
	<b>TOTAL MAINTENANCE</b>	<b>69,780</b>	<b>57,400</b>	<b>66,108</b>	<b>66,400</b>
	<u>UTILITIES</u>				
9760	Utilities	14,831	13,100	15,330	14,600
	<b>TOTAL UTILITIES</b>	<b>14,831</b>	<b>13,100</b>	<b>15,330</b>	<b>14,600</b>
	<u>MISCELLANEOUS</u>				
9120	Transportation	26,930	30,000	25,156	30,000
9260	Expense of Supervisor & Employees	481	3,000	1,924	3,000
9640	Uniforms	9,688	9,000	10,165	9,000
9700	Insurance	-	-	66	-
9770	Security Services	11,811	15,000	11,648	17,800
9780	Miscellaneous Expense	584	1,100	1,969	1,400
9790	Software/Hardware Maintenance	2,110	10,300	1,657	4,600
	<b>TOTAL MISCELLANEOUS</b>	<b>51,605</b>	<b>68,400</b>	<b>52,585</b>	<b>65,800</b>
	<b>TOTAL - ALL ACCOUNTS</b>	<b>621,389</b>	<b>719,000</b>	<b>635,901</b>	<b>744,000</b>

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**

Fiscal Year 2022-2023 Annual Budget



**912 METER REPAIR & TESTING**

## FINANCIAL &amp; SUPPORT SERVICES

**FUNCTION:**

Provide in-house repairs, testing, and replacement of  $\frac{3}{4}$ " through 12" water meters. Maintain sufficient quantities of new and repaired water meters for use by Utility field crews. Maintain adequate meter parts stock level (new and rebuilt) for proper repair of all sizes of water meters. Maintain inventory records on all water meters purchased by the Utility, including repairs done in the meter shop and in the field, for Sections 720 ( $\frac{5}{8}$ " x  $\frac{3}{4}$ " through 12" turbines and compounds), 440 and 320. Provide testing, tagging, and sealing of all water meters purchased by EPWater. Install, repair, test and track all construction fire hydrant meters issued and requested from New Services for contractors at various locations.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Meters repaired	Improve Infrastructure	2,494	2,377	1,000	1,200
Number of 1 $\frac{1}{2}$ " thru 12" meters tested	Improve Efficiency	2,401	1,975	1,600	1,600
Large (over 1") meters replaced	Strengthen Financial Viability	195	318	650	700
Number of Construction Fire-hydrants meters installed	Improve Efficiency	205	190	240	240
Number of Construction Fire-hydrants meters removed	Improve Efficiency	211	115	130	150

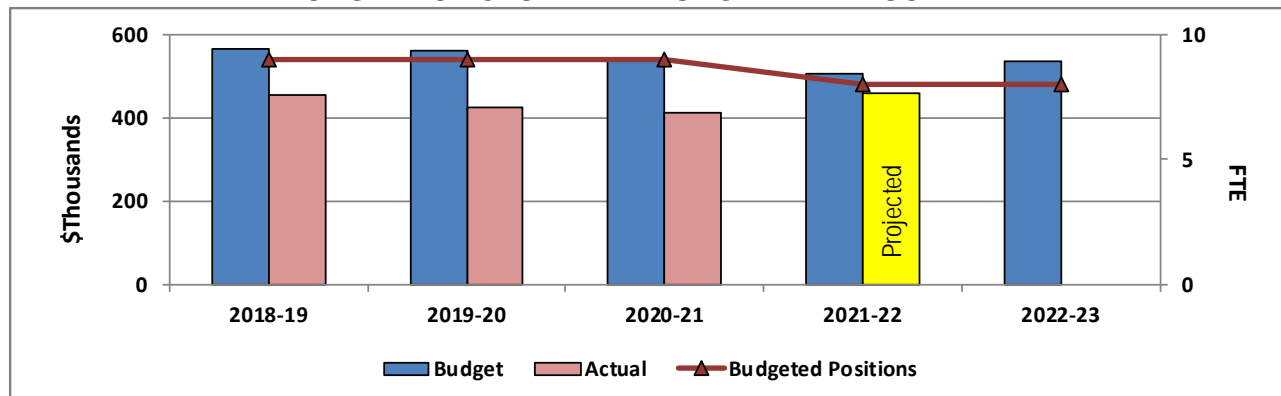
Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Utility Meter Shop Supervisor <sup>2</sup>	55	1	1	0	1
Utility Meter Senior Repairer <sup>1</sup>	49	2	2	2	2
Water Lead Service Worker	48	1	1	1	1
Utility Meter Repairer	47	4	4	4	4
General Service Lead Worker	46	0	0	0	0
Stores Clerk	45	1	1	0	1
General Service Worker	43	5	5	3	5
<b>Total Personnel</b>		<b>14</b>	<b>14</b>	<b>10</b>	<b>14</b>

<sup>1</sup>FY2019-20 Add one Utility Meter Senior Repairer per Issue Paper

<sup>2</sup>FY2022-23 Utility Meter Shop Supervisor upgraded from GS53 to GS55 per Issue Paper pending City Human Resources approval

**OPERATING AND MAINTENANCE BUDGET**

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<b>PERSONNEL SERVICES</b>				
9020	O & M Salaries and Wages	250,969	321,000	292,063	335,000
9750	Worker's Compensation	-	4,800	861	4,800
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	250,969	325,800	292,924	339,800
	<b>MATERIALS &amp; SUPPLIES</b>				
9560	Office Supplies & Printing	2,759	4,000	2,566	4,000
9620	Small Tools & Equipment	935	1,500	807	1,500
9740	Rental/Lease of Equipment	2,190	1,600	1,535	1,600
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	5,884	7,100	4,907	7,100
	<b>MAINTENANCE</b>				
9660	Building Services	43,914	39,400	34,827	39,100
9680	Communication Equipment	1,162	2,400	1,434	2,200
9850	Maintenance of Equipment	739	500	265	500
	<b>TOTAL MAINTENANCE</b>	45,815	42,300	36,526	41,800
	<b>UTILITIES</b>				
9760	Utilities	46,136	43,400	47,678	49,900
	<b>TOTAL UTILITIES</b>	46,136	43,400	47,678	49,900
	<b>MISCELLANEOUS</b>				
9120	Transportation	11,590	20,000	20,234	20,000
9260	Expense of Supervisor & Employees	563	3,000	389	3,000
9640	Uniforms	3,425	4,200	4,711	4,200
9700	Insurance	1,320	1,600	1,600	1,700
9770	Security	48,747	58,000	50,138	60,500
9780	Miscellaneous Expense	(41)	300	220	600
9790	Software/Hardware Expense	-	300	480	6,400
	<b>TOTAL MISCELLANEOUS</b>	65,604	87,400	77,773	96,400
	<b>TOTAL - ALL ACCOUNTS</b>	414,408	506,000	459,808	535,000

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**

**914 WAREHOUSE**

## FINANCIAL &amp; SUPPORT SERVICES

**FUNCTION:**

Procure, store, and deliver warehouse materials and supplies for all divisions, and provide after-hours emergency support with delivery services as required. Manage the procurement and distribution of jackets and work shoe vouchers for Utility employees.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Inventory turnover rate	Strengthen Financial Viability	1.5	1.6	1.7	1.6
Value of inventory	Strengthen Financial Viability	\$1.13 Million	\$1.05 Million	\$1.31 million	\$1.50 million
Sections' coordination meetings with Operations	Improve Communication	3	12	12	12
Section Staff Meetings	Improve Communication	29	52	52	52
Section Staff Trainings	Improve Efficiency	0	0	3	4
Complete Warehouse Audits by Office Staff	Strengthen Financial Viability	1	1	1	1
Inventory Cycle Count Verifications by Manager	Strengthen Financial Viability	N/A	4	12	12
Surprise inventory audits	Strengthen Financial Viability	N/A	N/A	6	12

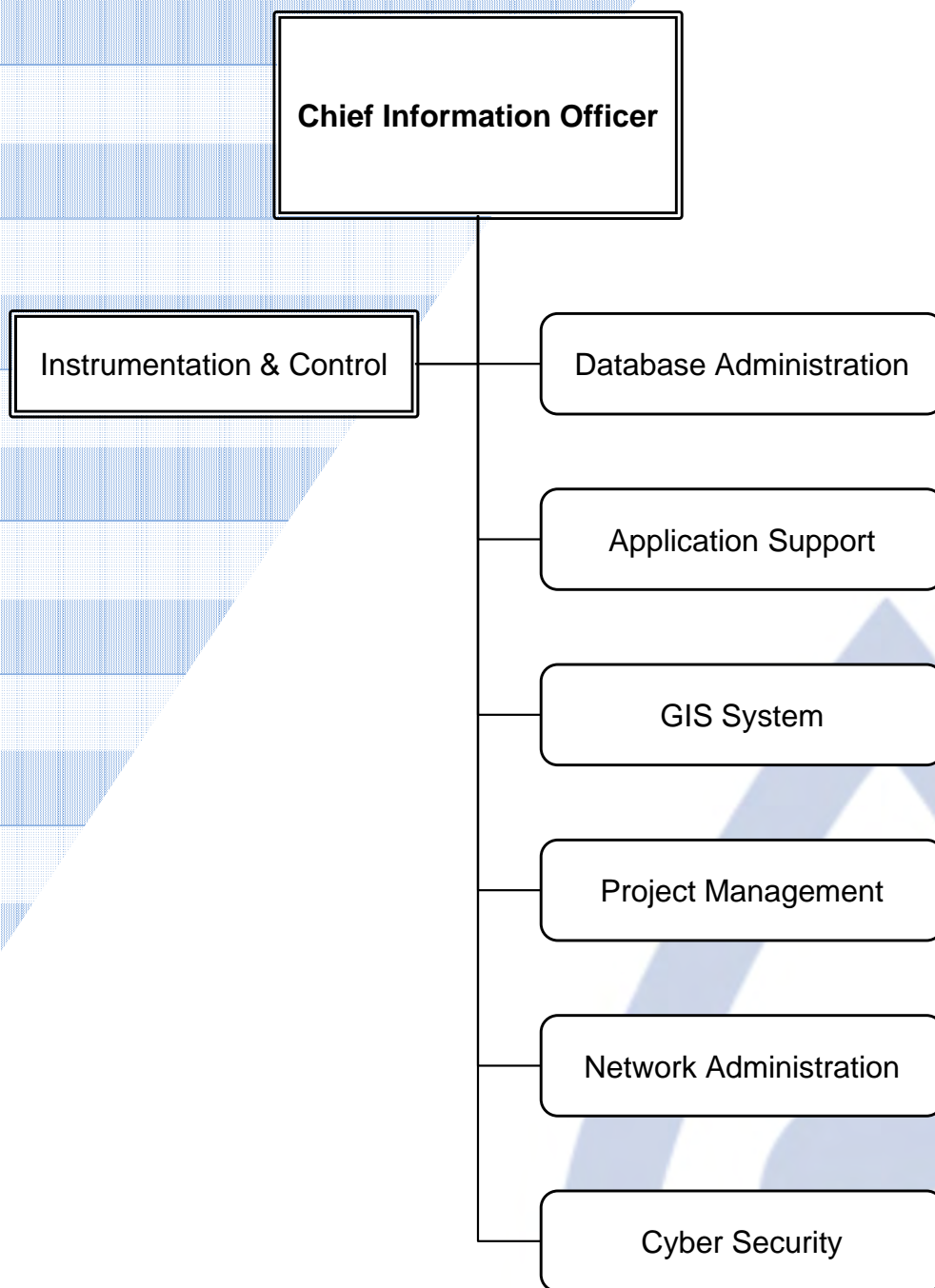
Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
EPWU Warehouse Supervisor	57	1	1	1	1
Materials Supervisor <sup>1</sup>	54	1	1	1	1
Materials Specialist <sup>1,3</sup>	47	1	1	1	5
Accounting/Payroll Clerk	46	1	1	1	1
Stores Clerk <sup>2,3</sup>	45	5	4	4	0
<b>Total Personnel</b>		<b>9</b>	<b>8</b>	<b>8</b>	<b>8</b>

<sup>1</sup>FY2020-21 Add one Material Supervisor and delete one Materials Specialist per Issue Paper

<sup>2</sup>FY2021-22 Delete one Stores Clerk per Issue Paper

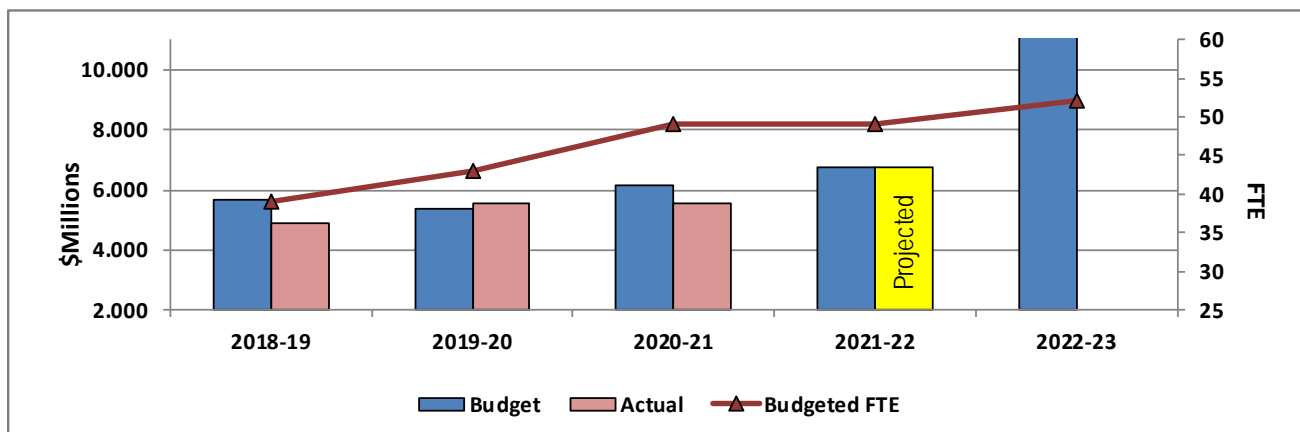
<sup>3</sup>FY2022-23 Delete four Stores Clerk and add four Materials Specialist per Issue Paper

# Information Technology



**OPERATING AND MAINTENANCE BUDGET**

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<b>PERSONNEL SERVICES</b>				
7020	O & M Salaries and Wages	2,537,055	3,404,000	2,940,978	3,732,000
7750	Worker's Compensation	(75)	-	-	-
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	<b>2,536,980</b>	<b>3,404,000</b>	<b>2,940,978</b>	<b>3,732,000</b>
	<b>MATERIALS &amp; SUPPLIES</b>				
7560	Office Supplies & Printing	5,026	13,500	15,704	15,000
7740	Rental/Lease of Equipment	2,542	1,700	1,815	1,700
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	<b>7,568</b>	<b>15,200</b>	<b>17,518</b>	<b>16,700</b>
	<b>MAINTENANCE</b>				
7680	Communication Equipment	10,592	10,100	55,000	148,000
7940	Maintenance of Data Processing Equipment	1,729	91,000	91,000	103,000
	<b>TOTAL MAINTENANCE</b>	<b>12,321</b>	<b>101,100</b>	<b>146,000</b>	<b>251,000</b>
	<b>UTILITIES</b>				
7760	Utilities	313,968	350,000	414,682	432,000
	<b>TOTAL UTILITIES</b>	<b>313,968</b>	<b>350,000</b>	<b>414,682</b>	<b>432,000</b>
	<b>MISCELLANEOUS</b>				
7100	Rent	93,840	91,900	91,900	92,700
7120	Transportation	3,762	8,000	4,800	10,000
7260	Expense of Supervisor & Employees	20,255	30,000	31,009	45,000
7720	Professional Services	372	75,000	370,000	3,175,000
7730	Special Services	183,473	196,000	38,540	10,200
7780	Miscellaneous Expense	457	600	1,809	400
7790	Software/Hardware Expense	2,374,621	2,472,200	2,700,000	3,374,000
	<b>TOTAL MISCELLANEOUS</b>	<b>2,676,780</b>	<b>2,873,700</b>	<b>3,238,058</b>	<b>6,707,300</b>
	<b>TOTAL - ALL ACCOUNTS</b>	<b>5,547,618</b>	<b>6,744,000</b>	<b>6,757,236</b>	<b>11,139,000</b>

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**

**810 INFORMATION TECHNOLOGY**

## INFORMATION TECHNOLOGY

**FUNCTION:**

Implement the information technology initiatives outlined in the Balanced Scorecard Strategic Plan developed by the Utility and approved by the Public Service Board. Provide implementation, maintenance, and support of Utility systems including: EPWater computer and telecommunications network, office automation, financial and human resources management systems (FHRMS), Geographic Information System (GIS), Workforce Timekeeping management system, laboratory information management system (LIMS), customer information system (CIS), interactive voice response (IVR), electronic bill presentment and payment (EBPP) services, telephone and Web bill payment services, mobile work order system, records management system, enterprise asset management (EAM) system, and security access system. Information Technology also supports computer applications associated with instrumentation control, plant operations and other related areas.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Network systems uptime percentage during normal business hours	Improve Efficiency	99.86%	99.88%	99.90%	99.99%
Telephone system uptime percentage during normal business hours	Improve Efficiency	99.86%	99.88%	99.90%	99.99%
Enterprise application systems uptime percentage during normal business hours	Improve Efficiency	99.86%	99.67%	99.50%	99.99%
Percent of calls to help desk responded to within 4 business hours	Increase Customer Satisfaction & Confidence	99.55%	98.95%	99.00%	99.99%

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Chief Information Officer	EX2	1	1	1	1
Utility Assistant Chief Information Officer <sup>9</sup>	EX3	1	1	0	1
Utility Information Systems Manager <sup>9</sup>	EX5	0	0	1	0
Senior Project Manager	EX5	1	1	0	1
Utility Software Development Manager <sup>4</sup>	EX5	1	1	0	1
Utility Technology Infrastructure Manager	EX5	1	1	1	1
Utility Applications Manager	EX5	1	1	1	1
Project Manager	134	1	1	1	1
Application Administrator <sup>3</sup>	134	4	4	3	4
Database Administrator	134	2	2	2	2
Network Systems Manager	134	1	1	1	1
Systems Administrator III	134	1	1	1	1
Information Security Analyst	134	1	1	1	1
Utility Software Engineer II <sup>1</sup>	132	1	1	0	1
Support Services IV <sup>12</sup>	131	0	0	0	1
Senior Network Administrator <sup>12</sup>	131	1	1	0	0
Systems Administrator II	132	1	1	1	1
Senior Programmer Analyst	130	3	3	2	3
Web Media Designer II	130	1	1	1	1

**810 INFORMATION TECHNOLOGY**

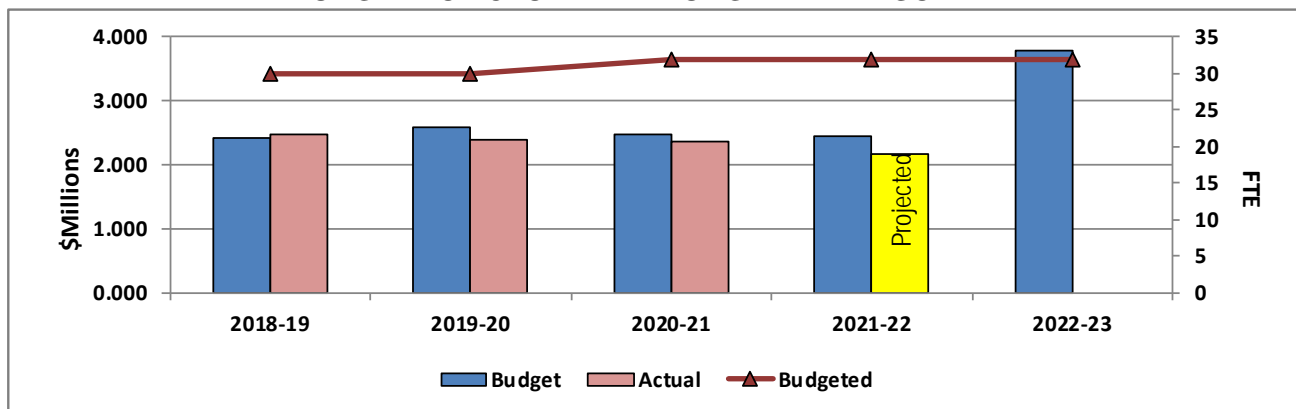
## INFORMATION TECHNOLOGY

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Business Systems Analyst	129	2	2	2	2
Support Services III <sup>13</sup>	129	0	0	0	1
Programmer Analyst	128	3	3	5	3
Systems Administrator I <sup>8</sup>	128	0	1	1	1
Archives & Records Manager <sup>10</sup>	128	0	0	0	1
P.C./LAN Specialist II	127	1	1	0	1
Support Services II <sup>2</sup>	127	1	1	1	1
VOIP Telecom Specialist <sup>11</sup>	127	0	0	0	1
GIS Specialist	124	1	1	1	1
Computer Programmer	124	4	4	4	4
P.C./LAN Specialist I <sup>7</sup>	123	0	1	1	1
Support Services I	122	1	1	1	1
GIS Technician	122	1	1	1	1
Computer Operator	122	1	1	0	1
Utility Records Management Supervisor	51	1	1	0	1
Document Center Supervisor	51	0	0	1	0
Utility Senior Document Scanning Specialist <sup>6</sup>	46	2	2	0	2
Senior Office Assistant <sup>6</sup>	45	0	0	0	0
Utility Document Scanning Specialist <sup>5</sup>	44	6	6	0	6
Document Scanning Specialist <sup>5</sup>	43	0	0	5	0
<b>Total Personnel</b>		<b>47</b>	<b>49</b>	<b>40</b>	<b>52</b>

<sup>1</sup>FY2020-21 Add one Utility Software Engineer II per Issue Paper<sup>2</sup>FY2020-21 Add one Support Services II per Issue Paper<sup>3</sup>FY2020-21 Add one Application Administrator and upgrade position to 134 per Issue Paper<sup>4</sup>FY2020-21 Add one Utility Software Development Manager per Issue Paper<sup>5</sup>FY2020-21 Reclassify Document Scanning Specialist to Utility Document Scanning Specialist GS44 per Issue Paper<sup>6</sup>FY2020-21 Reclassify two Senior Office Assistant positions to Utility Senior Document Specialist GS46 per Issue Paper<sup>7</sup>FY2021-22 Add one PC/Lan Specialist I per Issue Paper<sup>8</sup>FY2021-22 Add one Systems Administrator I per Issue Paper<sup>9</sup>FY2021-22 Utility Information System Manager EX5 title and grade changed to Utility Assistant Chief Information Officer EX3 per Human Resources off cycle budget staffing change request<sup>10</sup>FY2022-23 Archives & Records Manager added per Issue Paper<sup>11</sup>FY2022-23 VOIP Telecom Specialist added per Issue Paper<sup>12</sup>FY2022-23 Delete Senior Network Administrator add one Support Services IV per Issue Paper<sup>13</sup>FY2022-23 Add Support Services III per Issue Paper



OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<b>PERSONNEL SERVICES</b>				
7020	O & M Salaries and Wages	1,946,986	2,001,000	1,799,890	2,005,000
7750	Worker's Compensation	14,925	14,900	26,843	14,900
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	<b>1,961,911</b>	<b>2,015,900</b>	<b>1,826,733</b>	<b>2,019,900</b>
	<b>MATERIALS &amp; SUPPLIES</b>				
7560	Office Supplies & Printing	1,126	1,800	1,340	1,800
7620	Small Tools & Equipment	27,946	20,000	13,933	10,000
7740	Rental/Lease of Equipment	2,342	1,700	1,485	1,700
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	<b>31,413</b>	<b>23,500</b>	<b>16,759</b>	<b>13,500</b>
	<b>MAINTENANCE</b>				
7660	Building Services	12,169	10,000	11,858	10,000
7680	Communication Equipment	49,557	70,800	21,537	60,700
7850	Maintenance of Equipment	149,842	150,000	162,452	250,000
7930	Maintenance of Structures & Improvements	36,199	20,000	19,948	20,000
	<b>TOTAL MAINTENANCE</b>	<b>247,766</b>	<b>250,800</b>	<b>215,796</b>	<b>340,700</b>
	<b>UTILITIES</b>				
7760	Utilities	708	1,000	795	1,000
	<b>TOTAL UTILITIES</b>	<b>708</b>	<b>1,000</b>	<b>795</b>	<b>1,000</b>
	<b>MISCELLANEOUS</b>				
7100	Rent	-	-	-	4,600
7120	Transportation	45,883	50,000	51,349	50,000
7260	Expense of Supervisor & Employees	17,184	25,000	33,248	25,000
7640	Uniforms	13,503	16,900	14,184	15,000
7720	Professional Services	33,035	30,000	8,231	1,250,000
7780	Miscellaneous Expense	746	900	531	1,000
7790	Software/Hardware Expense	1,287	35,000	8,996	68,300
	<b>TOTAL MISCELLANEOUS</b>	<b>111,638</b>	<b>157,800</b>	<b>116,539</b>	<b>1,413,900</b>
	<b>TOTAL - ALL ACCOUNTS</b>	<b>2,353,437</b>	<b>2,449,000</b>	<b>2,176,621</b>	<b>3,789,000</b>

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**



**825 INSTRUMENTATION & CONTROLS**

## INFORMATION TECHNOLOGY

**FUNCTION:**

Provide installation, maintenance and support of instrumentation and controls throughout the water and wastewater divisions to facilitate communication to the centralized SCADA (Supervisory Control and Data Acquisition) Systems optimization to effectively monitor and control sites which include systems located at wells, reservoirs, booster stations, lift stations, storm water pump stations and treatment plants. The goal is to provide a sufficient level of automated control to maximize the efficiency of operations personnel; and, to ensure the adequacy of treatment such that water and wastewater operations are compliant with applicable State and Federal regulations.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Instrumentation system reliability	Increase Customer Satisfaction & Confidence	95%	95%	100%	100%
Days to complete work orders	Improve Efficiency	7	5	3	2

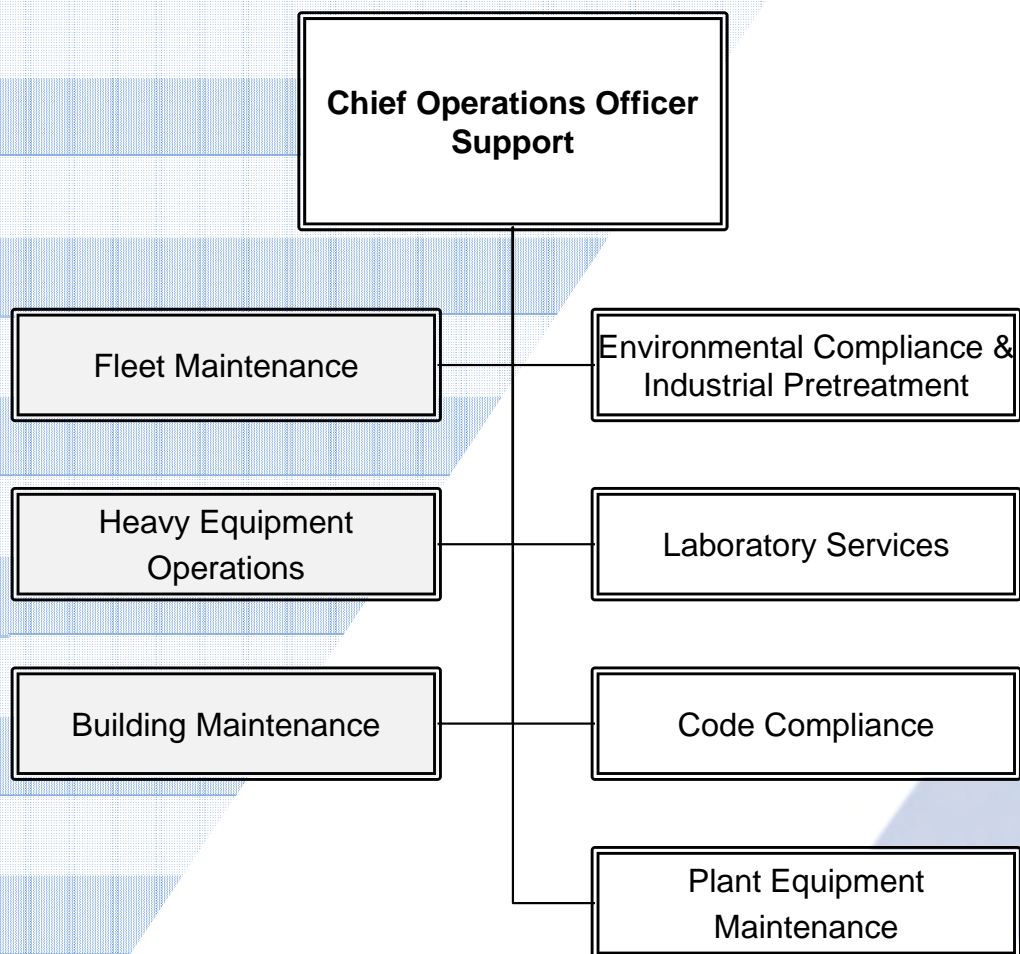
Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Instrumentation Control Manager	132	1	1	1	1
Instrumentation Control Superintendent	127	1	1	1	1
Radio Network Specialist II <sup>3</sup>	127	1	1	0	0
Network Specialist	126	1	1	0	1
Instrumentation Control Assistant Superintendent	125	2	2	2	2
Radio Network Technician <sup>3</sup>	125	0	0	1	1
PC/LAN Specialist I <sup>1</sup>	123	0	1	0	1
Instrumentation Control Lead Technician	56	13	13	12	13
Industrial Electrician	55	1	1	1	1
Instrumentation Control Technician <sup>2</sup>	54	8	9	7	9
Trades Helper	45	1	1	0	1
Senior Office Assistant	45	1	1	1	1
<b>Total Personnel</b>		<b>30</b>	<b>32</b>	<b>26</b>	<b>32</b>

<sup>1</sup>FY2021-22 Add one PC/LAN Specialist I per Issue Paper

<sup>2</sup>FY2021-22 Add one Instrumentation Control Technician per Issue Paper

<sup>3</sup>FY2022-23 Delete Radio Network Specialist II and add Radio Network Technician per Issue Paper

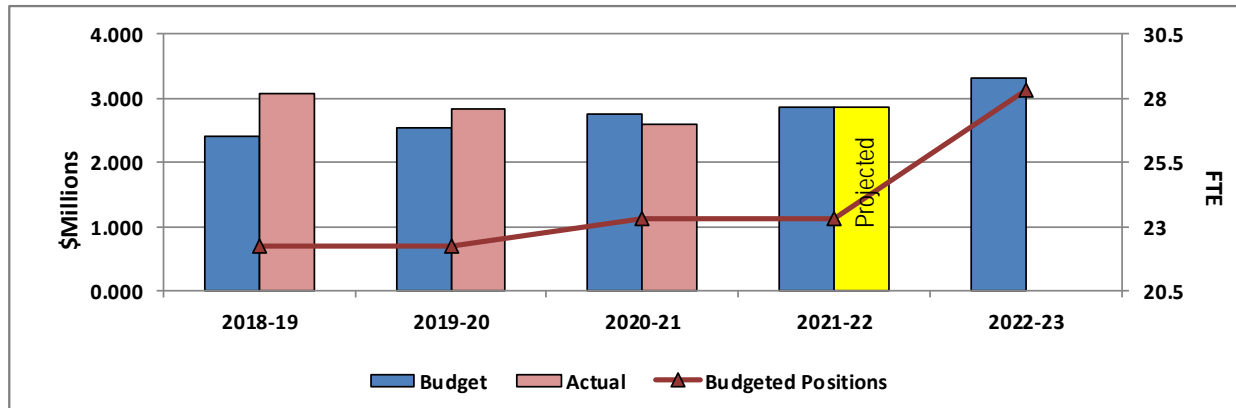
## Operations



**915 FLEET MAINTENANCE**

## OPERATIONS SUPPORT

<b>OPERATING AND MAINTENANCE BUDGET</b>					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<b>PERSONNEL SERVICES</b>				
9020	O & M Salaries and Wages	1,068,221	1,159,000	1,048,353	1,374,000
9750	Worker's Compensation	24,696	12,500	10,882	12,500
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	<b>1,092,918</b>	<b>1,171,500</b>	<b>1,059,235</b>	<b>1,386,500</b>
	<b>MATERIALS &amp; SUPPLIES</b>				
9040	Fuel Expense	953,787	1,200,000	1,269,332	1,300,000
9240	Auto Shop Supplies	51,622	35,000	47,049	45,000
9560	Office Supplies & Printing	6,735	6,000	11,597	9,000
9620	Small Tools & Equipment	25,717	30,000	21,850	30,000
9740	Rental/Lease of Equipment	4,409	7,100	5,802	9,100
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	<b>1,042,270</b>	<b>1,278,100</b>	<b>1,355,631</b>	<b>1,393,100</b>
	<b>MAINTENANCE</b>				
9660	Building Services	162,033	140,000	147,351	140,000
9680	Communication Equipment	4,043	6,400	4,038	6,800
9850	Maintenance of Equipment	40,130	40,000	32,474	40,000
	<b>TOTAL MAINTENANCE</b>	<b>206,206</b>	<b>186,400</b>	<b>183,862</b>	<b>186,800</b>
	<b>UTILITIES</b>				
9760	Utilities	67,063	65,000	66,373	70,000
	<b>TOTAL UTILITIES</b>	<b>67,063</b>	<b>65,000</b>	<b>66,373</b>	<b>70,000</b>
9120	Transportation	77,876	55,000	103,476	140,000
9260	Expense of Supervisor & Employees	22,887	30,000	17,808	30,000
9640	Uniforms	13,502	15,400	13,753	17,100
9700	Insurance	1,080	1,300	1,300	1,400
9770	Security Services	59,058	63,100	61,277	76,700
9780	Miscellaneous Expense	223	500	366	600
9790	Software/Hardware Expense	2,612	4,700	7,534	9,800
	<b>TOTAL MISCELLANEOUS</b>	<b>177,237</b>	<b>170,000</b>	<b>205,514</b>	<b>275,600</b>
	<b>TOTAL - ALL ACCOUNTS</b>	<b>2,585,694</b>	<b>2,871,000</b>	<b>2,870,615</b>	<b>3,312,000</b>

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**

**915 FLEET MAINTENANCE**

## OPERATIONS SUPPORT

**FUNCTION:**

Provide maintenance and repair of all Utility-owned vehicles & construction equipment. Administer the operation of the fueling facility to include offsite fueling operations. Conduct the replacement of fleet vehicles & equipment and the procurement of new vehicles & equipment. Oversee the inventory of a parts warehouse and parts contracts.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY2019-20 ACTUAL	FY2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Number of Vehicles replaced	Improve Infrastructure	32	26	26	24
Number of Equipment replaced	Improve Infrastructure	19	26	26	32
Vehicles & Equipment per mechanic	Increase Customer Satisfaction & Confidence	71	53	53	44
Field service calls	Improve Efficiency	768	948	634	600
Number of preventive maintenances completed	Improve Efficiency	699	715	734	912
Number of various training sessions for section	Improve Knowledge, Skills and Abilities	14	8	40	45
Parts and service contracts	Strengthen Financial Viability	20	22	24	26

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Fleet & Building Maintenance Superintendent* <sup>2</sup>	131	0.34	0.34	0.34	0.34
Fleet Maintenance Chief	58	1	1	1	1
Fleet Maintenance Training Supervisor <sup>1</sup>	57	1	1	1	1
Fleet Services Supervisor	56	1	1	1	1
Heavy Vehicle Maintenance Technician <sup>6</sup>	55	0	0	0	4
Materials Supervisor	54	1	1	1	1
Fleet Maintenance Lead Technician <sup>1,5</sup>	54	7	7	6	8
Welder	52	1	1	1	1
Fleet Maintenance Technician	52	2	2	2	2
Materials Specialist	47	1	1	1	1
Senior Office Assistant	45	1	1	0	1
Fleet Service Worker <sup>4</sup>	45	4	5	1	5
Stores Clerk	45	1	1	1	1
Trades Helper <sup>3</sup>	45	0	1	0	1
Fleet Service Assistant <sup>4</sup>	43	1	0	1	0
<b>Total Personnel</b>		<b>22.34</b>	<b>23.34</b>	<b>17.34</b>	<b>28.34</b>

\*Fleet & Building Maintenance Superintendent allocated 1/3 each to Sections 915, 916 & 917

<sup>1</sup>FY2020-21 Upgrade one Fleet Maintenance Lead Technician to Fleet Maintenance Training Supervisor per Issue Paper

<sup>2</sup>FY2020-21 Fleet & Building Maintenance Superintendent added per Human Resources off cycle budget staffing change request

<sup>3</sup>FY2021-22 Add one Trades Helper per Issue Paper

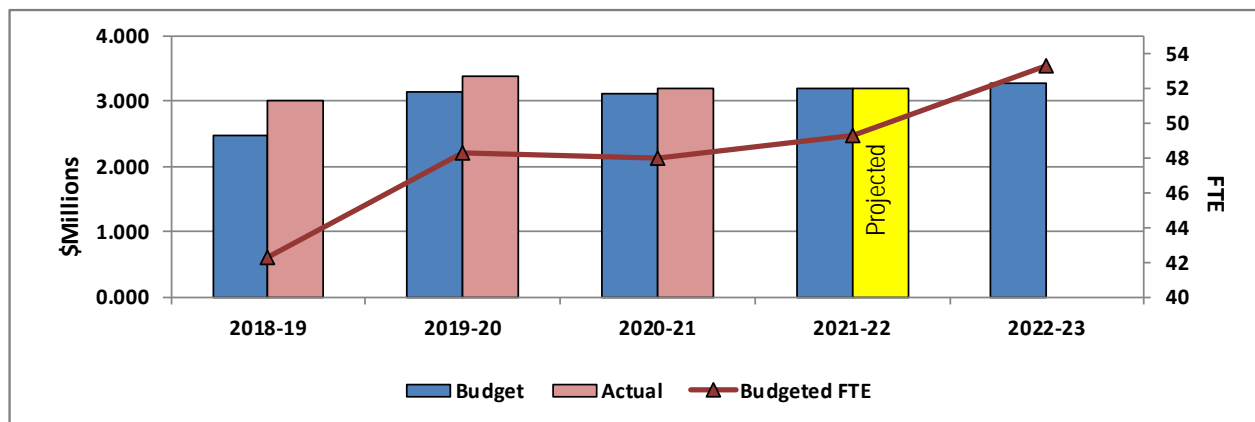
<sup>4</sup>FY2021-22 Delete Fleet Service Assistant and add Fleet Service Worker per Human Resources off cycle budget staffing change request

<sup>5</sup>FY2022-23 Add one Fleet Maintenance Lead Technician per Issue Paper

<sup>6</sup>FY2022-23 Add four Heavy Vehicle Maintenance Technicians per Issue Paper

**OPERATING AND MAINTENANCE BUDGET**

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<b><u>PERSONNEL SERVICES</u></b>				
9010	Capital Salaries and Wages	1,652,497	1,666,000	1,694,333	1,737,000
9020	O & M Salaries and Wages	622,679	605,000	638,621	579,000
9750	Worker's Compensation	47,452	35,000	74,057	35,000
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	<b>2,322,628</b>	<b>2,306,000</b>	<b>2,407,012</b>	<b>2,351,000</b>
	<b><u>MATERIALS &amp; SUPPLIES</u></b>				
9620	Small Tools & Equipment	25,200	7,000	19,229	12,000
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	<b>25,200</b>	<b>7,000</b>	<b>19,229</b>	<b>12,000</b>
	<b><u>MAINTENANCE</u></b>				
9680	Communication Equipment	20,602	22,500	19,430	23,700
	<b>TOTAL MAINTENANCE</b>	<b>20,602</b>	<b>22,500</b>	<b>19,430</b>	<b>23,700</b>
	<b><u>MISCELLANEOUS</u></b>				
9120	Transportation	760,640	800,000	762,940	800,000
9260	Expense of Supervisor & Employees	22,246	17,000	23,773	30,000
9640	Uniforms	30,348	30,000	33,405	41,700
9780	Miscellaneous Expense	1,510	600	2,057	900
9790	Software/Hardware Expense	380	1,900	190	16,700
	<b>TOTAL MISCELLANEOUS</b>	<b>815,124</b>	<b>849,500</b>	<b>822,365</b>	<b>889,300</b>
	<b>TOTAL - ALL ACCOUNTS</b>	<b>3,183,553</b>	<b>3,185,000</b>	<b>3,268,035</b>	<b>3,276,000</b>

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**

**916 HEAVY EQUIPMENT OPERATIONS**

## OPERATIONS SUPPORT

**FUNCTION:**

Provide the sections of the utility we serve with a variety of specialized equipment and personnel to assist with installations, maintenance and emergency repairs for water, waste water and storm water infrastructure.

PERFORMANCE MEASURES	PERSPECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Work-related injuries	Improve Efficiency	5	0	6	0
Amount of training per employee annually	Increase knowledge, skills and abilities	2	2	2	4
Number of acres mowed	Improve Customer Service	3,593	3,773	5,082	5,300
Amount of backfill material recycled (cubic yards)	Improve Efficiency	41,000	41,500	42,300	43,000
Removal of trash and debris from ponding areas and channels to the landfill (cubic yards)	Improve Infrastructure	3,550	3,800	6,870	5,000

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Fleet & Building Maintenance Superintendent* <sup>1</sup>	131	0.33	0.33	0	0.33
Heavy Equipment Trainer Supervisor	57	1	1	1	1
Operations Supervisor <sup>4</sup>	57	0	2	0	2
Heavy Equipment Supervisor <sup>4</sup>	55	2	0	2	0
Heavy Equipment Operator	51	11	11	11	11
Equipment Operator <sup>2,3</sup>	48	21	21	10	21
Truck Driver <sup>2</sup>	45	14	14	14	14
General Service Worker <sup>5</sup>	43	0	0	0	4
<b>Total Personnel</b>		<b>49.33</b>	<b>49.33</b>	<b>38.33</b>	<b>53.33</b>

\*Fleet & Building Maintenance Superintendent allocated 1/3 each to Sections 915, 916 & 917

<sup>1</sup>FY2020-21 Fleet & Building Maintenance Superintendent added per Human Resources off cycle budget staffing change request

<sup>2</sup>FY2020-21 Two Equipment Operator positions deleted, and two Truck Driver positions added per Human Resources off cycle budget staffing change request

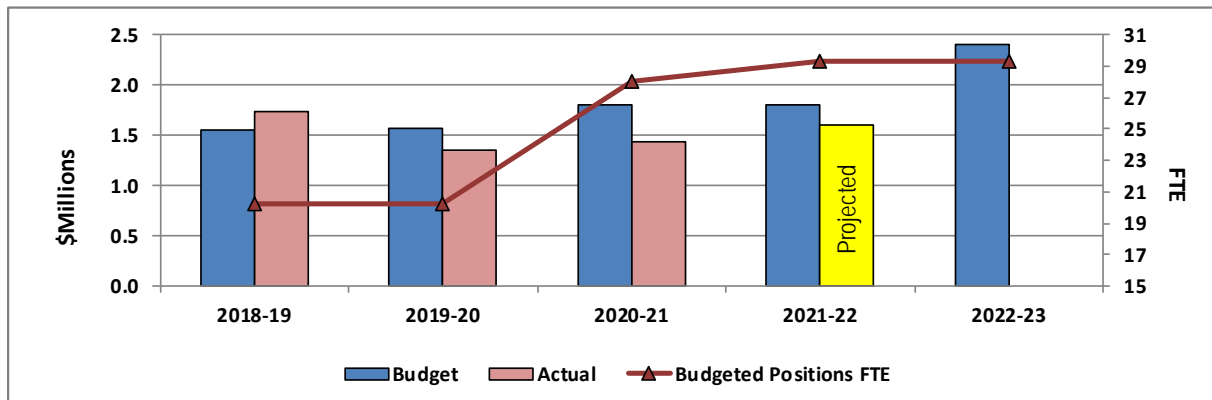
<sup>3</sup>FY2020-21 One Equipment Operator transferred from section 680 per Human Resources off cycle budget staffing change request

<sup>4</sup>FY2021-22 Two Heavy Equipment Supervisors upgraded to Operations Supervisors per Issue Paper

<sup>5</sup>FY2022-23 Four General Service Workers added per Issue Paper

OPERATING AND MAINTENANCE BUDGET					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<u>PERSONNEL SERVICES</u>				
9010	Capital Salaries and Wages	390,497	757,000	594,937	723,000
9020	O & M Salaries and Wages	362,509	347,000	353,979	396,000
9750	Worker's Compensation	28,646	11,300	26,694	11,300
	TOTAL PERSONNEL SERVICES (LOADED)	781,652	1,115,300	975,610	1,130,300
	<u>MATERIALS &amp; SUPPLIES</u>				
9560	Office Supplies & Printing	5,018	1,500	1,997	1,500
9620	Small Tools & Equipment	22,845	10,000	11,617	26,500
9740	Rental of Equipment	1,353	-	800	-
	TOTAL MATERIALS & SUPPLIES	29,216	11,500	14,413	28,000
	<u>MAINTENANCE</u>				
9680	Communication Equipment	3,368	7,000	4,085	7,800
9840	Building Maintenance	295,084	250,000	251,770	250,000
9850	Maintenance of Equipment	15,930	12,000	11,746	12,000
	TOTAL MAINTENANCE	314,383	269,000	267,601	269,800
	<u>UTILITIES</u>				
9760	Utilities	183,167	250,000	202,058	250,000
9830	Pan American Building Operating Expense	-	-	-	550,000
	TOTAL UTILITIES	183,167	250,000	202,058	800,000
	<u>MISCELLANEOUS</u>				
9120	Transportation	36,879	60,000	54,891	60,000
9260	Expense of Supervisor & Employees	2,578	5,000	4,288	11,000
9640	Uniforms	16,461	20,400	16,676	20,000
9700	Insurance	2,280	2,900	2,560	3,100
9770	Security Services and Equipment	60,712	60,100	54,025	72,700
9780	Miscellaneous Expense	55	1,000	187	1,200
9790	Software/Hardware Expense	6,710	8,800	8,862	10,900
	TOTAL MISCELLANEOUS	125,675	158,200	141,489	178,900
	TOTAL - ALL ACCOUNTS	1,434,093	1,804,000	1,601,170	2,407,000

## BUDGET TO ACTUAL AND BUDGETED PERSONNEL





**917 BUILDING MAINTENANCE**

## OPERATIONS SUPPORT

**FUNCTION:**

Provide facilities maintenance to the main office building, customer service center, field office, auto shop, warehouse, Tech20, stormwater operations center and all grounds. Maintain irrigation ditches, vacant utility land, utility rental property and easements. Provide grounds and facilities maintenance to water production and distribution assets as well as to wastewater collection facilities.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Total linear feet of fencing erected around Utility properties	Improve Infrastructure	1,500	1,425	1,220	1,500
Ditches maintained in square footage	Improve Infrastructure	2,008,210	2,053,256	2,099,555	2,200,000
Square feet of Assets maintained	Improve Infrastructure	6,125,496	6,113,557	6,125,653	6,200,000
Number of Building Maintenance jobs completed	Improve Infrastructure	713	712	706	750
Average number of days to complete grounds maintenance concerns and Code Compliance requests.	Increase Customer Satisfaction & Confidence	6	6	5	4

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Fleet & Building Maintenance Superintendent*	131	0.33	0.33	0	0.33
GIS Technician	122	1	1	1	1
Facilities Maintenance Supervisor	55	1	1	1	1
General Services Supervisor <sup>4</sup>	52	1	2	1	2
Facilities Maintenance Lead Worker <sup>1,4</sup>	50	5	4	3	4
Facilities Maintenance Worker <sup>1</sup>	47	0	0	0	0
General Service Lead Worker <sup>5</sup>	46	0	4	3	4
Trades Helper <sup>3</sup>	45	3	4	3	4
Senior Office Assistant	45	1	1	1	1
General Service Worker <sup>2,5</sup>	43	16	12	9	12
<b>Total Personnel</b>		<b>28.33</b>	<b>29.33</b>	<b>22.33</b>	<b>29.33</b>

\*Fleet & Building Maintenance Superintendent allocated 1/3 each to Sections 915, 916 & 917

<sup>1</sup>FY2020-21 Upgrade two Facilities Maintenance Worker to Facilities Maintenance Lead Worker per Issue Paper

<sup>2</sup>FY 2020-21 Add eight General Service Worker positions per Issue Paper

<sup>3</sup>FY2021-22 Add one Trades Helper per Issue Paper

<sup>4</sup>FY2021-22 Delete one Facilities Maintenance Lead Worker and add on General Services Supervisor per HR off cycle budget staffing change request

<sup>5</sup>FY2021-22 Delete four General Service Worker and add four General Service Lead Worker per HR off cycle budget staffing change request



# UTILITY PROFILE

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## HISTORY OF THE STORMWATER UTILITY



In 2006, El Paso experienced extreme flooding resulting in damage to much of the infrastructure from stormwater runoff. El Paso was not prepared, and the stormwater system had not been well maintained. Some storm drainage trunk lines, pump stations, channels, and culverts were undersized, and some required major maintenance or repair. The estimated damage at the time to public and private property totaled more than \$250 million. As a result,

the City decided that it would create a drainage utility system that would stand alone and be self-sufficient.

City Ordinance No. 016668 established the stormwater utility to ensure that the collection, management, and control of stormwater runoff would adequately protect the health, safety, and welfare of the citizens of El Paso. In this ordinance, the EPWater PSB was given responsibility for the establishment of a schedule of drainage charges for all real property in the proposed service area, to provide drainage service for all real property in the proposed area upon payment of drainage charges, and to offer and provide drainage service on nondiscriminatory, reasonable, and equitable terms in accordance with Rules and Regulations as promulgated by the PSB

City Council's actions were consistent with recommendations made by a consulting firm that assessed stormwater management and organization following "Storm 2006". The assessment found that city stormwater needs had not been adequately funded, and stormwater management, currently shared by several departments, would be better served by a centralized organization. Previously, stormwater services were funded by the City's general fund. However, the consultants recommended establishing a separate user fee to fund stormwater management functions and the City Council agreed.

Within the ordinance, the PSB was granted complete authority and control of the management and operation of the System on behalf of the City. The PSB prepared a Master Stormwater Management Plan (Stormwater Plan) which was approved by the City Council. In developing the Stormwater Plan, the PSB considered the use of open space as natural drainage and the extent reasonably possible to preserve the City's open spaces, greenways, arroyos, and wilderness areas in their natural state. The PSB allocates 10% of the System's annual drainage utility fee for such Green Projects. It also states that at least once a year beginning with the Fiscal Year ending August 31, 2009, the President/CEO, on behalf of the PSB, shall present to the City Council a report on the status of the System. The ordinance also requires that revenues collected from the drainage utility fees must be segregated and completely identifiable from other City or PSB accounts.

On March 1, 2008, EPWater under the policy direction of the PSB became responsible for stormwater management in the City of El Paso. Stormwater functions are funded by a fee that appears on the monthly water bill. This fee can only be used exclusively for stormwater purposes. The stormwater charge is not a tax, rather,

it is a user fee calculated for every parcel within the city, unless exempted by federal or state law or based on the impervious area of the property, which is consistent with several other cities across the country that use this method of stormwater management.

In January 2017, the PSB directed staff to convene a Stormwater Focus Group to review projects for the Stormwater Master Plan. Through a series of four engagements in 2017 and 2018, the group composed of staff, board members, and different stakeholders were able to complete the following goals:

- Public perspective on the priorities of the stormwater program
- Evaluate scoring criteria
- Evaluate weight/value for each criteria
- Score each project
- Produce updated project priorities

At the April 11, 2018 meeting the PSB approved the group's recommendations regarding the Stormwater Capital Improvement Program (CIP) project reprioritization. The FY 2022-2023 CIP includes funding based on the direction of that master plan reprioritization.

## **FACILITIES**

Following "Storm 2006", an evaluation identified extensive damage to the stormwater system. The City began repairing the most severely damaged items; the stormwater utility became responsible for the remaining projects as well as the operation and maintenance of the system and the construction projects needed to reach an adequate level of service.

The facilities the stormwater utility is responsible for operating and maintaining include:

- 22 storm water pump stations
- 457 ponds comprising 1,855 acres
- 41 dams and basins comprising 2,430 acres
- 71 miles of channels
- 9 miles of agricultural drains
- 348 miles of storm drain conduits
- 7,516 storm drain drop inlets

## STRATEGIC PLANNING

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The PSB incorporated the Stormwater Utility into its updated strategic plan dated January 2009. The Utility's strategic plan can be found on pages 34 through 43. The specific strategic plan for the Stormwater Utility has been incorporated into the individual sections' goals and objectives for FY 2022-2023.

## FINANCIAL POLICIES

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The Stormwater Utility is accounted for as a separate Enterprise Fund, which is defined on page 48. Funds collected from the stormwater fees included in the combined water, wastewater, and stormwater bill are segregated from the water and wastewater revenues and accounted for separately.

### FLOW OF FUNDS POLICY

The Flow of Funds Policy was established in the first Stormwater Utility bond issue, Series 2009 issued September 29, 2009. In this bond ordinance, the Utility covenants and agrees that all revenues derived from the operation of the System shall be kept separate from other funds of the Utility. To that end, the following special funds were established and shall be maintained at the Depository Bank so long as any of the Bonds similarly secured are outstanding: (i) "City of El Paso, Texas, Municipal Drainage Utility System Revenue Fund" (herein called the "Revenue Fund"); (ii) "City of El Paso, Texas, Municipal Drainage Utility System Bonds Interest and Sinking Fund" (herein called the "Interest and Sinking Fund"); (iii) "City of El Paso, Texas, Municipal Drainage Utility System Bonds Reserve Fund" (herein called the "Reserve Fund"); and (iv) "City of El Paso, Texas, Municipal Drainage Utility System Improvement Fund" (herein called the "Improvement Fund"). The funds are described as follows:

#### Revenue Fund

All revenues shall be deposited monthly as collected into the Revenue Fund. Funds on deposit in the Revenue Fund shall first be used to pay all operating and maintenance expenses. The Revenues of the System not required to pay operating and maintenance expenses (the "Net Revenues") shall be transferred from the Revenue Fund to the other Funds in this Ordinance, in the order of priority, in the manner, and in the amounts set forth below:

#### Interest and Sinking Fund

There shall be deposited into the Interest and Sinking Fund the following:

1. Such amounts, in equal monthly installments, commencing on the first day of the month next following the Closing Date and on the first day of each month thereafter, are sufficient to pay the interest scheduled to come due on the Bonds on the next interest payment date, less any amounts already on deposit therein for such purpose derived from the proceeds of the Bonds or any other lawfully available source.
2. Such amounts, in equal monthly installments, commencing on the first day of the month next following the Closing Date and on the first day of each month thereafter, are sufficient to pay the next maturing

principal of the Bonds, including any scheduled mandatory redemption of Bonds. The Interest and Sinking Fund shall be used to pay the principal of and interest on the Bonds Similarly Secured as such principal matures and such interest becomes due.

### **Reserve Fund**

As long as the funds on deposit in the Reserve Fund created for the benefit of the Bonds Similarly Secured are equal to the Reserve Fund Requirement, there is no need to deposit funds to the credit of the Reserve Fund. However, should the Reserve Fund at any time contain less than the Reserve Fund Requirement, then, subject and subordinate to making the required deposits to the credit of the Interest and Sinking Fund, the City shall transfer from the Net Revenues in the Revenue Fund and deposit to the credit of the Reserve Fund, on the first day of each month, such amounts in equal monthly installments to accumulate within sixty (60) months a sum equal to the Reserve Fund Requirement. The money on deposit in the Reserve Fund may be used to pay the principal of and interest on the Bonds Similarly Secured at any time there are not sufficient funds on deposit in the Interest and Sinking Fund for such purpose.

### **Improvement Fund**

All money remaining in the Revenue Fund at the end of each month after all payments required to be made therefrom in such month have been made and all deficiencies accumulated from prior months have been remedied shall continue to be paid to the Improvement Fund established in connection with the System, and shall be held in and paid out from such Fund for the following purposes:

1. To pay the cost of any special or extraordinary repairs or replacements to or of the properties comprising the System, properly payable with such money under the laws of the State of Texas, necessitated by reason of some emergency.
2. To the extent known or hereafter permitted by law, any lawful purpose.

## **CAPITAL IMPROVEMENTS & OPERATING BUDGET POLICIES**

The capital improvements budget, operating budget and budget amendment policies are the same as used for the Water and Wastewater Utility as explained on pages 70 - 77. In addition, the city ordinance that created the Municipal Drainage Utility System also requires that 10% of the System's annual drainage utility fee revenues be used for Green Projects, which are defined as projects that have the potential dual purpose of stormwater management and preservation of the City's open spaces, greenways, arroyos, and wilderness areas in their natural state. This allocation is to be included in the Utility's Capital Improvements Program every year.

## **REVENUE POLICY**

The revenue policy for the Stormwater Utility requires that the PSB maintain fees sufficient to produce revenues in each fiscal year an amount adequate to pay all expenses incurred for the operation and maintenance of the System as such expenses shall accrue during the year and to produce an additional amount equal to 125% of the aggregate amount required to be paid in such year for principal and interest and redemption premiums on bonds payable. Another financial target that is used in preparing the five-year financial plan is maintaining a 90

to 120-day operating reserve target balance. The Stormwater bond ordinance also provides that the PSB will permit no free stormwater services to be supplied to the City or any other user.

## **INVESTMENT POLICY**

The investment policy to be used by the Stormwater Utility will be the same as the policy for the Water and Wastewater Utility as described on page 48.

## **DEBT SERVICE POLICY**

Planned fee increases consistently are programmed in the Five-Year Financial Plan and are mainly driven by operating expenses, the capital improvement program, and debt service coverage required both by the revenue bond covenants and by the PSB's benchmarks for financial management. While the revenue bond covenants require debt service coverage of 1.25 times (meaning 125% of the current year's debt service requirements must be available that fiscal year), the PSB's financial benchmark is to maintain as close to a 1.75 to 2.00 times coverage as feasibly possible. The Utility does not have a legal debt limit.

# **FINANCIAL PLAN**

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## **BUDGET TRENDS IN FY 2021 – 2022**

Summer 2021 monsoons season kicked off with heavy rain and flash flooding on June 27 that took a toll on EPWater's stormwater infrastructure and ongoing projects including the Sam Snead Stormwater Improvement Project on El Paso's East Side which was 90% complete causing damage to the construction site. Upon completion, the project will divert over 350,000 gallons per minute of stormwater from neighborhood streets into the Pico Norte Pond.

The PSB approved an emergency resolution to fast-track repairs at Sam Snead, and a second contractor was hired to expedite the completion of this project estimated in early 2022.

## **A Blow to the Stormwater System**

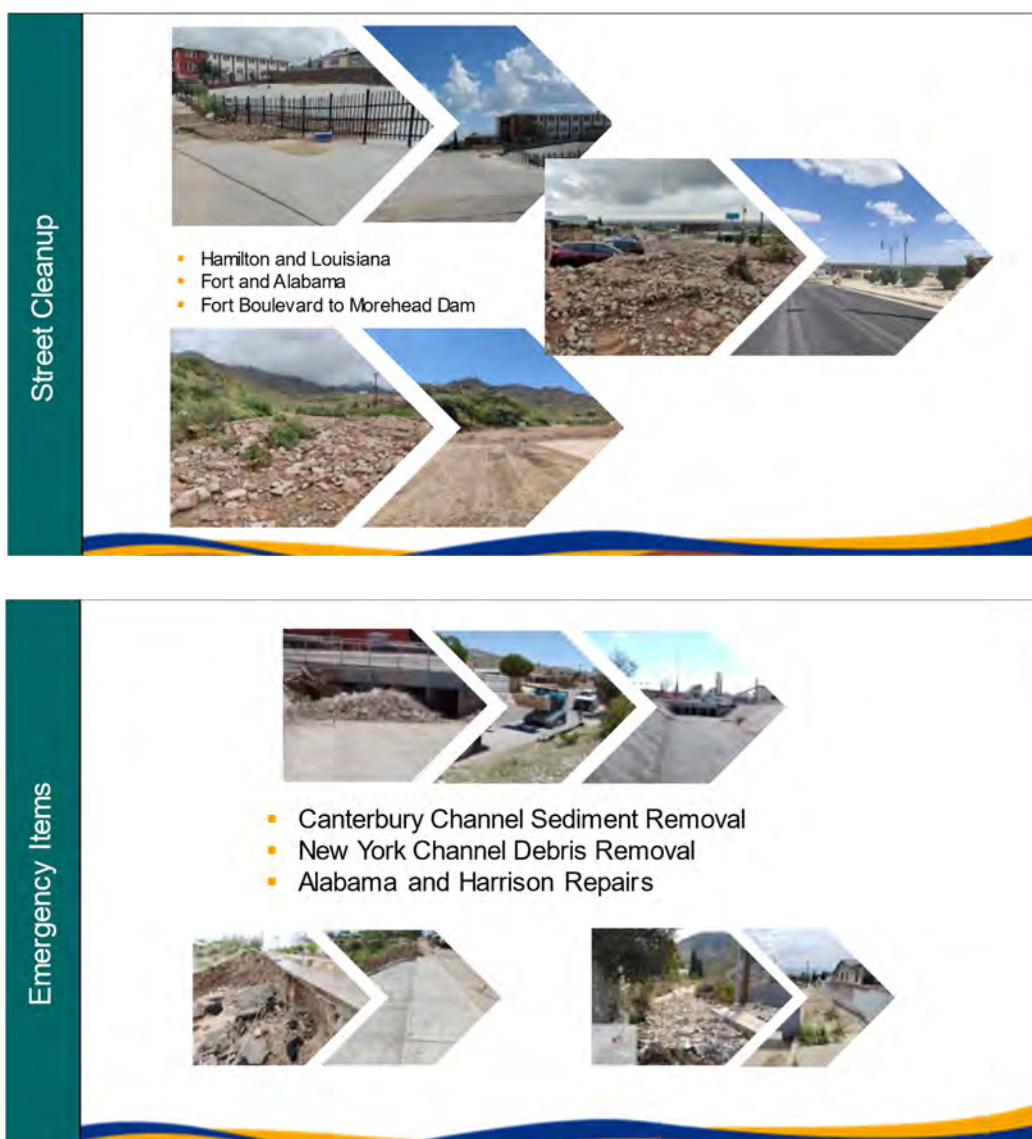


In August, our city saw more intense rain events, setting records and further straining our infrastructure. On August 12, a Central El Paso neighborhood was hit by 4.65 inches of rain in an hour; classifying the event as a 500-year storm according to the National Oceanic Atmospheric Administration (NOAA).

Near Fort Boulevard and Alabama Street, runoff from the Franklin Mountains scattered large rocks and debris, damaging property and vehicles. Many parts of the drainage system were overwhelmed by the volume of stormwater. West El Paso was also slammed by six inches of rain over a few days. More than 60 channels, ponds, and drains around the city were damaged or blocked by debris and rocks.

Total operating revenues for FY 2021-2022 are projected to come in at 99.4% of budgeted; while operating expenses are projected to be 106.4% of budgeted caused by the unforeseen increased emergency response related to the heavy monsoon season. Over 1,286 maintenance work orders and 636 service requests were completed throughout the city to address maintenance issues and repairs to the system. It is estimated that 57.5% or \$17.3 million will be spent on capital projects in FY 2021-2022. There are multiple projects under design, construction, or in the procurement process. These projects are funded by Stormwater Improvement Funds, Direct Funding Revolving Loan (DFRL), and any remaining funds from prior bond issues. On May 15, 2018, the City of El Paso, as requested by EPWater, approved the establishment of the Municipal Drainage Utility System Revolving Note Program also known as DFRL with an available lending capacity of up to \$25.0 million. This program continues to be an effective interim financing of stormwater capital projects.

The following are examples of Stormwater projects completed or in progress in FY 2021-2022:







### **FY 2022 – 2023: MEETING FUTURE DEMANDS**

The FY 2022-2023 budget reflects the priorities for the Stormwater Utility, which include maintenance, design, construction, and the environment. The operating budget continues to focus on year-round preventative maintenance and responding to storm-related events.

The funding for the FY 2022-2023 Capital Improvement Projects budget includes the use of appropriations from prior years including unused proceeds from bond issues, Stormwater Capital Improvement funds, and DFRL.

EPWater is committed to incorporating environmental stewardship into the management of stormwater. The use of concrete will be minimized and arroyos purchased by the Utility will be maintained in their natural state as much as possible. By City Ordinance, 10 percent of the revenues from stormwater fees will be used for projects that combine stormwater management with the preservation of open spaces, wilderness areas, and park ponds.

### **BASIS OF BUDGETING**

The budget was prepared using the accrual basis of accounting. Revenue is recognized as it is earned, and expenses are recognized as goods or services when delivered. The Utility's funds are not appropriated; rather, the budget is an approved plan that can facilitate budgetary control and operational evaluations. The Utility defines fund equity as net position, which equals assets minus liabilities and deferred inflows of resources. Net position is divided into four categories; net invested in capital assets, restricted for construction and improvements, restricted for debt service, and unrestricted. The Utility's funds are not appropriated; rather, the budget is an approved plan that can facilitate budgetary control and operational evaluations.

### **BASIC ASSUMPTIONS**

The following basic assumptions were used in the financial plan:

Revenue growth rate.....1.2%

Operations & Maintenance growth rate....1.0% (of operating budget)

Contingencies..... 5.0% (of operating budget)

### **FY 2022-2023 DETAIL BUDGET**

The Fiscal Year 2022-2023 budget reflects the PSB's updated Strategic Plan goals and objectives and is a balanced budget. The operating budget has been funded to maintain the level of service achieved in previous years, with adjustments made to better reflect the actual expenditures in FY 2021-2022.

The operating budget for the Stormwater Utility is \$7.4 million. However, also included in the Stormwater budget is an indirect cost allocation of \$1.8 million for the support services that will be provided by personnel whose costs are in the Water and Wastewater budget, which brings the total operating budget to a total of \$9.2 million. The following table summarizes the budget:

<b>STORMWATER OPERATING BUDGET</b>	<b>FY 2022-2023</b>
Maintenance	\$4,083,200
Personnel Services	1,664,100
Utilities	118,000
Materials & Supplies	59,900
Transportation, tipping fees, rent, uniforms & professional services	1,491,800
<b>O&amp;M Before Indirect Cost Allocation</b>	<b>7,417,000</b>
Indirect Cost Allocation	1,756,000
<b>GROSS OPERATING BUDGET</b>	<b>\$9,173,000</b>

The following table summarizes the staffing for the Stormwater Utility in the FY 2022-2023 budget:

<b>FUNCTIONAL CATEGORY</b>	<b>TOTAL STAFF</b>
Operations and Maintenance	45
Technical Services	11
<b>TOTAL</b>	<b>56</b>

The FY 2022-2023 capital budget focuses on the construction of projects identified in the revised Master Plan as the highest priority and funded with DFRL, Improvement funds, grants, and bonds issued from current and prior years. The following list describes the major projects included in the FY 2022-2023 budget:

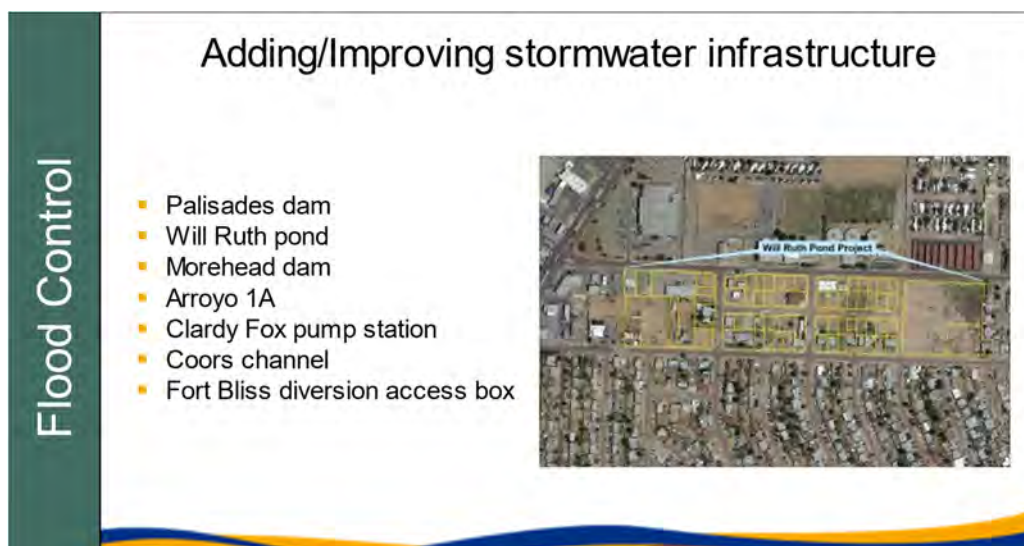
- \$28.4 million for improvements to stormwater storage capacity, which includes \$7.8 million for the Will Ruth Pond project.
- \$22.4 million in conveyance improvements, which includes \$6.4 million for the Corrugated Metal Pipe Replacement Program, and
- \$12.6 million for the City wide land acquisitions needed for new stormwater infrastructure.



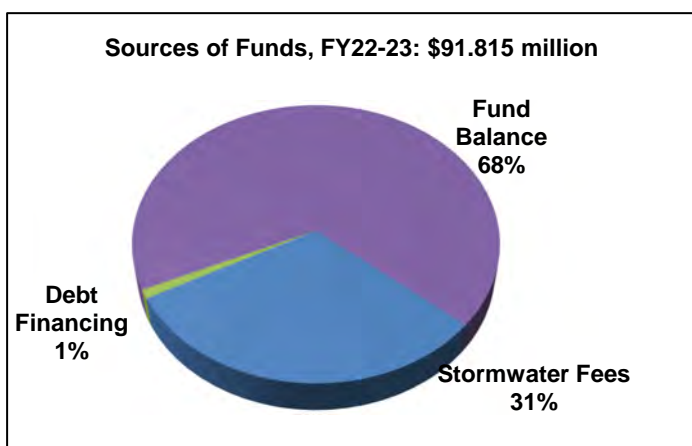
The capital budget includes 10% of revenue for the acquisition of open space, preservation of arroyos, and development of parks/ponds. The five-year financial plan, on page 254, reflects the plan for capital improvements stated above.

There was a nine percent fee increase budgeted for FY 2022-2023 and the Utility expects to meet the operating, maintenance, debt service, and capital infrastructure projects needs of the stormwater system. Over the next 10 years, the Utility plans include \$700 million of improvements to the stormwater infrastructure.

The following are examples of Stormwater projects to be completed or start construction in FY 2022-2023:



## REVENUES AND OTHER FINANCING SOURCES



**Stormwater Fees** – Stormwater fees are funds generated for providing stormwater management to customers. Stormwater revenue for FY 2022-2023 is estimated to be \$28.5 million, \$2.7 million more than the previous year's budgeted revenue, which reflects a nine percent fee increase and normal customer growth.

**Miscellaneous** – This category includes miscellaneous service charges and interest income. For FY 2022-2023, \$943,000 is estimated to be generated from these

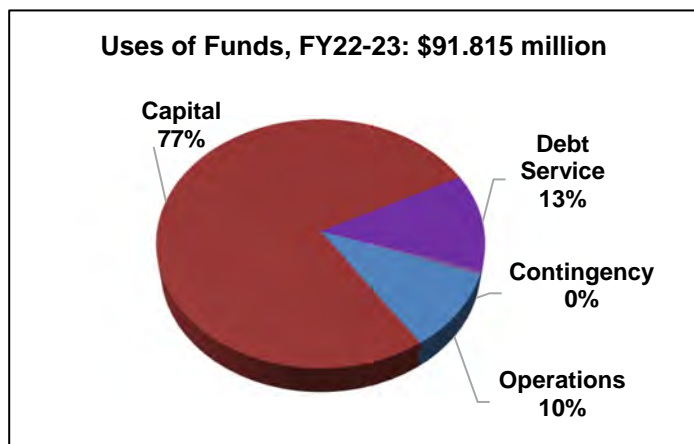
sources of revenue including \$340,000 from interest earnings.

**Fund Balance** – This category includes the drawdown of prior year construction fund balances to fund capital projects. For FY 2022-2023, the Utility budgeted \$8.7 million.

**Grants** – This category includes any funds from federal and state governmental agencies capital projects. Grant proceeds from existing and/or new grants for FY 2022-2023 are anticipated to be \$5.1 million.

**Bond and Revolving Credit Financing** – \$54.8 million in new bond issues or DFRL funding was identified to finance new stormwater infrastructure projects for FY 2022-2023.

## EXPENDITURES AND OTHER FINANCING USES



**Operating** – This category includes expenditures for the operation and maintenance costs of the Utility. It includes salaries, materials and supplies, utilities, disposal fees, and all other expenses. Also included in this category is an allocation of indirect costs for support services provided by the Water and Wastewater Utility staff. Operating and maintenance expenses for FY 2022-2023 are estimated to be \$9.2 million. This is \$1.6 million more than FY 2021-2022's budgeted amount.

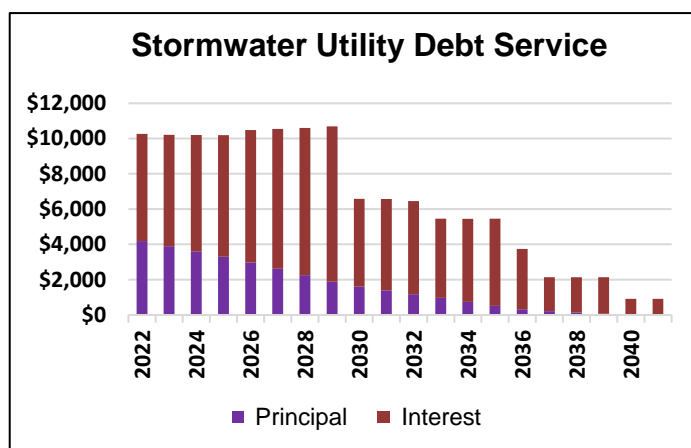
**Capital** – Capital expenses include all expenditures for the planning, design, construction, rehabilitation, project land acquisition, or purchase of assets. Total estimated capital expenditures for FY 2022-2023 are \$70.0 million; this amount is \$40.0 million more than the budgeted amount in FY 2021-2022.

**Debt Service** – Principal and interest payments on bonds issued and interest on the DFRL of \$11.6 million are estimated for FY 2022-2023.

**Contingency** – This category allows for unusual, unbudgeted expenses, equivalent to 5% of the operating budget. The contingency this year is \$459,000.

## DEBT SERVICE

The following chart shows, as of February 28, 2022, all outstanding principal and interest owed by the Stormwater Utility. In March 2021, S&P Ratings assigned an SP-1+ Short Term Rating to the Revolving Note Purchase Program and affirmed the AA+ ratings for all outstanding debt. On April 7, 2021, the Utility issued \$13.3 million Bonds Series 2021A to take long \$15.0 million of Revolving Notes and \$8.9 million Bonds Series 2021 to refund \$8.6 million of 2012 Bonds, netting a



Present Value Savings of \$672,000. The new debt service associated with the two bond issues completed last fiscal year has been included in the FY 2022-2023 budget. In FY 2022-2023, the Utility budgeted \$55.7 million in new funding from bonds and DFRL.

<b>STORMWATER UTILITY DEBT SERVICE DETAIL</b>			
<b><u>CALENDAR YEAR</u></b>	<b><u>PRINCIPAL</u></b>	<b><u>INTEREST</u></b>	<b><u>TOTAL</u></b>
2022	\$6,073,000	\$4,185,967	\$10,258,967
2023	6,313,000	3,896,847	10,209,847
2024	6,593,000	3,604,757	10,197,757
2025	6,892,000	3,296,382	10,188,382
2026	7,507,000	2,968,532	10,475,532
2027	7,922,000	2,619,352	10,541,352
2028	8,347,000	2,249,597	10,596,597
2029	8,807,000	1,879,927	10,686,927
2030	4,977,000	1,599,202	6,576,202
2031	5,182,000	1,392,162	6,574,162
2032	5,280,000	1,175,707	6,455,707
2033	4,495,000	960,932	5,455,932
2034	4,700,000	742,957	5,442,957
2035	4,940,000	513,382	5,453,382
2036	3,415,000	325,432	3,740,432
2037	1,920,000	213,482	2,133,482
2038	1,995,000	138,007	2,133,007
2039	2,070,000	69,632	2,139,632
2040	885,000	28,082	913,082
2041	905,000	9,601	914,601
<b>Grand Total</b>	<b>\$99,218,000</b>	<b>\$31,869,939</b>	<b>\$131,087,939</b>

### STORMWATER BILLING FEE

In the past, stormwater services were funded by the City's general fund; however, after the recommendation from the consulting firm, a separate user fee to fund stormwater management functions was established. The fee structure was also determined by the Utility's Public Working Committee made up of over 20 individuals representing various organizations throughout the city. The fee is based on impervious area square footage. Non-residential properties are charged according to the number of impervious areas, including paved parking lots and other areas that are impermeable to rainwater. On an annual basis, El Paso Central Appraisal District data is used to recalculate fees for residential properties, and fees are adjusted accordingly. The impervious area calculations are based on the ground floor of the house, garages, porches, patios, and any additional buildings, storage sheds, or other areas that are impermeable to rain. Turf, xeriscape areas, driveways, walkways, and sidewalks are not included.

Residential properties are placed into one of three categories, based on impervious area square footage. Approximately 80 percent of residential properties are in the typical category, which includes parcels with impervious areas measuring between 1,201 and 3,000 square feet. Properties less than 1,200 square feet are considered small, and those greater than 3,000 square feet are considered large for fee purposes.

Stormwater fees were increased by nine percent in the FY 2022-2023 budget. The rate structure is as follows:

**Residential Properties: (Including duplexes and triplexes)**

Residential	Impervious Area	Monthly Charge
Small	0-1,200 sq. ft.	\$2.46
Typical	1,201 – 3,000 sq. ft.	\$4.92
Large	3,001 sq. ft. +	\$9.83

Residential customers can look up the square footage of their property by going to the Central Appraisal District website.

**Non-Residential Properties:**

Non-residential properties are charged according to the number of impervious areas, including paved parking lots and other areas that are impermeable to rainwater. For each unit or 2,000 square feet, the charge will be \$5.01. For example, a 4,000-square-foot office building with a 2,000-square-foot paved parking lot will pay \$15.03 monthly.

Non-Residential	Units of Measurement	Monthly Charge
All	Each 2,000 sq. ft. of impervious area	\$5.01



***El Paso Water Utilities - Public Service Board***  
**SUMMARY OF RECEIPTS & DISBURSEMENTS (IN 1000'S)**  
**MUNICIPAL DRAINAGE UTILITY**  
**2022-23 FISCAL BUDGET**

	Approved Budget FY 21-22	Approved Budget FY 22-23	Variance (+/-)	%
<b>Operating Revenues</b>				
Drainage fees	25,850	28,548	2,698	10.4%
<b>Total Operating Revenues</b>	<b>25,850</b>	<b>28,548</b>	<b>2,698</b>	<b>10.4%</b>

<b>Misc. Operating Revenues</b>				
Misc. Operating Revenues	603	603	-	0.0%
Interest Revenue on Operating Funds	40	40	-	0.0%
<b>Total Misc. Operating Revenues</b>	<b>643</b>	<b>643</b>	<b>-</b>	<b>0.0%</b>

<b>Total Operating and Misc. Revenues</b>	<b>26,493</b>	<b>29,191</b>	<b>2,698</b>	<b>10.2%</b>
<b>Total Operating Expenses</b>	<b>7,617</b>	<b>9,173</b>	<b>1,556</b>	<b>20.4%</b>

<b>Net Operating Revenues Available</b>	<b>18,876</b>	<b>20,018</b>	<b>1,142</b>	<b>6.1%</b>
Interest Revenue on Restricted Funds	300	300	-	0.0%
<b>Revenues Available for Debt Service</b>	<b>19,176</b>	<b>20,318</b>	<b>1,142</b>	<b>6.0%</b>
Debt Service - Stormwater Bonds	9,485	10,779	1,294	13.6%
Debt Service Reserve Fund	618	212	(406)	-65.7%
Short Term DFRL - Interest and Fees	438	633	195	44.5%
<b>Total Revenues Avail for Capital Rehab/Impr.</b>	<b>8,634</b>	<b>8,693</b>	<b>59</b>	<b>0.7%</b>

<b>Capital Expenditures</b>				
Capital Projects - Stormwater	30,031	70,000	39,969	133.1%
Capital Equipment - Stormwater	296	559	263	88.9%
<b>Total Capital Expenditures</b>	<b>30,327</b>	<b>70,559</b>	<b>40,232</b>	<b>132.7%</b>
Contingencies	190	459	269	141.6%
<b>(Deficiency) To be Funded by Debt, Grants or Construction Funds</b>	<b>(21,883)</b>	<b>(62,324)</b>	<b>(40,442)</b>	<b>184.8%</b>
Restricted Construction Funds	7,453	8,684	1,231	16.5%
New Bond Issues & Revolving Credit	25,795	54,762	28,967	112.3%
Grants	-	5,100	5,100	N/A
Transfer from / (to) restricted funds	(3,217)	-	3,217	-100.0%
<b>Increase / Decrease in Fund Balance</b>	<b>8,148</b>	<b>6,222</b>	<b>(1,927)</b>	<b>-23.6%</b>
<b>Debt Service Coverage</b>	<b>2.02</b>	<b>1.88</b>		

**EL PASO WATER UTILITIES - PUBLIC SERVICE BOARD**  
**A COMPONENT UNIT OF THE CITY OF EL PASO**  
**MUNICIPAL DRAINAGE UTILITY FUND**  
**STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION**  
**BUDGET TO ACTUAL\***

\*THIS IS AN UNOFFICIAL, UNAUDITED STATEMENT USING DATA FROM EPWU-PSB'S COMPREHENSIVE  
ANNUAL FINANCIAL REPORT AND PREPARED STRICTLY FOR USE IN THIS BUDGET BOOK

	<u>Year End February 28, 2021</u>		<u>Year End February 28, 2022</u>		<u>FY 2022-2023</u>
	Budget	Actual	Budget	Projected	Budget
<b>DRAINAGE OPERATING REVENUES</b>					
Drainage fees	\$ 23,919,000	\$ 24,065,071	\$ 25,850,000	\$ 25,829,000	\$ 28,548,000
<b>TOTAL DRAINAGE OPERATING REVENUES</b>	<b>23,919,000</b>	<b>24,065,071</b>	<b>25,850,000</b>	<b>25,829,000</b>	<b>28,548,000</b>
<b>MISC. OPERATING REVENUES</b>					
Misc. operating revenue	603,000	488,586	603,000	499,000	603,000
Interest income on Operating Funds	80,000	8,976	40,000	1,000	40,000
<b>TOTAL MISC. OPERATING REVENUES</b>	<b>683,000</b>	<b>497,562</b>	<b>643,000</b>	<b>500,000</b>	<b>643,000</b>
<b>TOTAL OPERATING REVENUES</b>	<b>24,602,000</b>	<b>24,562,633</b>	<b>26,493,000</b>	<b>26,329,000</b>	<b>29,191,000</b>
<b>DRAINAGE OPERATING EXPENSES</b>					
Operations and maintenance	5,939,000	5,268,842	5,939,000	6,430,000	7,417,000
Indirect cost allocation	1,498,000	1,498,000	1,678,000	1,678,000	1,756,000
Other Post-Employment Benefits expense	-	68,139	-	130,000	-
Pension Expense	-	263,068	-	500,000	-
Depreciation	4,000,000	3,516,614	5,000,000	5,000,000	5,000,000
<b>TOTAL DRAINAGE OPERATING EXPENSES</b>	<b>11,437,000</b>	<b>10,614,663</b>	<b>12,617,000</b>	<b>13,738,000</b>	<b>14,173,000</b>
<b>OPERATING INCOME</b>	<b>13,165,000</b>	<b>13,947,970</b>	<b>13,876,000</b>	<b>12,591,000</b>	<b>15,018,000</b>
<b>NON-OPERATING REVENUES (EXPENSES)</b>					
Interest income on Restricted Funds	300,000	151,099	300,000	51,000	300,000
Gain on sale of assets	-	-	-	-	-
Other nonoperating	-	(57,722)	-	-	-
Interest on long term debt	(4,000,000)	(3,628,917)	(4,000,000)	(4,000,000)	(4,000,000)
<b>TOTAL NON-OPERATING REVENUES (EXPENSES)</b>	<b>(3,700,000)</b>	<b>(3,535,540)</b>	<b>(3,700,000)</b>	<b>(3,949,000)</b>	<b>(3,700,000)</b>
<b>INCOME BEFORE CONTRIBUTIONS</b>	<b>9,465,000</b>	<b>10,412,430</b>	<b>10,176,000</b>	<b>8,642,000</b>	<b>11,318,000</b>
<b>CAPITAL AND GRANT CONTRIBUTIONS</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,100,000</b>
<b>INCREASE IN NET POSITION</b>	<b>9,465,000</b>	<b>10,412,430</b>	<b>10,176,000</b>	<b>8,642,000</b>	<b>16,418,000</b>
<b>TOTAL NET POSITION - BEGINNING</b>	<b>117,807,318</b>	<b>117,807,318</b>	<b>128,219,748</b>	<b>128,219,748</b>	<b>138,395,748</b>
<b>TOTAL NET POSITION - ENDING</b>	<b>\$ 127,272,318</b>	<b>\$ 128,219,748</b>	<b>\$ 138,395,748</b>	<b>\$ 136,861,748</b>	<b>\$ 154,813,748</b>
<b>DEBT SERVICE COVERAGE</b>	<b>1.82</b>	<b>1.89</b>	<b>2.02</b>	<b>1.77</b>	<b>1.88</b>

\* This statement has been revised to reflect the new GASB 34 reporting requirements.

<b>El Paso Water Utilities / Public Service Board Municipal Drainage Utility Fiscal Year 2022-23 Annual Budget (in \$1,000's)</b>	<b>Approved FY 2022-23</b>
<b>Total Operating and Capital Budget</b>	<b>\$91,815</b>
<b>OPERATING REVENUES</b>	
Drainage Fees	28,548
<b>TOTAL DRAINAGE FEES REVENUE</b>	<b>28,548</b>
<b>RATE INCREASE</b>	<b>9.0%</b>
Misc. Operating Revenue	603
Interest Revenue on Operating Funds	40
<b>TOTAL OPERATING AND MISC. REVENUES</b>	<b>29,191</b>
<b>LESS OPERATING EXPENSES</b>	
Operations & Maintenance	9,173
<b>TOTAL OPERATING EXPENSES</b>	<b>9,173</b>
<b>NET OPERATING REVENUES AVAILABLE</b>	<b>20,018</b>
Interest Revenue on Restricted Funds	300
<b>REVENUE AVAILABLE FOR DEBT SERVICE</b>	<b>20,318</b>
Existing Debt Service - P & I - Bonds	10,352
Short Term DFRL - Interest and Fees	633
New Debt Service - P & I - Bonds	427
Annual Contributions to Reserve Fund	212
<b>REVENUE AVAILABLE FOR CAPITAL IMPROVEMENTS</b>	<b>8,693</b>
<b>CAPITAL EXPENDITURES</b>	
Capital Projects - Drainage	70,000
Capital Equipment - Drainage	559
<b>TOTAL CAPITAL EXPENDITURES</b>	<b>70,559</b>
Contingencies	459
<b>(DEFICIENCY) TO BE FUNDED BY DEBT, GRANTS OR CONSTRUCTION FUNDS</b>	<b>(62,324)</b>
Restricted Construction Funds	8,684
New Bond Issues & Revolving Credit	54,762
Transfer from / (to) restricted funds	-
Grants	5,100
<b>Increase /(Decrease) In Fund Balance</b>	<b>6,222</b>
<b>Debt Service Coverage - Target 1.8x</b>	<b>1.88</b>
<b>Average Residential Drainage Bill</b>	<b>\$4.92</b>
<b>Percent Increase In Drainage Bill</b>	<b>9.0%</b>

**EL PASO WATER/PUBLIC SERVICE BOARD  
STORMWATER OPERATING BUDGET BY OBJECT**

EXPENDITURE	2020-21			2021-22			2022-2023		
	Approved Budget	Actual	%	Approved Budget	6 months YTD	%	Approved Budget	Increase (Decrease)	%
<b><u>GENERAL OPERATING</u></b>									
<b>PERSONNEL SERVICES</b>	\$2,520,100	\$2,485,940	98.64%	\$2,571,100	\$1,180,116	45.90%	\$2,824,100	\$253,000	9.84%
<b>MATERIALS &amp; SUPPLIES</b>	59,500	28,199	47.39%	27,400	31,004	113.15%	59,900	32,500	118.61%
<b>MAINTENANCE</b>	3,539,530	2,824,344	79.79%	3,577,700	1,402,330	39.20%	4,083,200	505,500	14.13%
<b>UTILITIES</b>	138,000	105,800	76.67%	107,000	54,838	51.25%	118,000	11,000	10.28%
<b>OTHER*</b>	883,870	604,021	68.34%	849,800	377,103	44.38%	1,491,800	642,000	75.55%
<b>GROSS O &amp; M BUDGET</b>	7,141,000	6,048,304	84.70%	7,133,000	3,045,391	42.69%	8,577,000	1,444,000	20.24%
Less: Capital Salaries	(1,202,000)	(1,251,337)	0.00%	(1,194,000)	(622,375)	52.13%	(1,160,000)	34,000	-2.85%
Plus: Indirect Cost Allocation	1,498,000	1,498,000	100.00%	1,678,000	839,000	50.00%	1,756,000	78,000	4.65%
<b>NET OPERATING BUDGET</b>	<b>\$7,437,000</b>	<b>\$6,294,967</b>	<b>84.64%</b>	<b>\$7,617,000</b>	<b>\$3,262,016</b>	<b>42.83%</b>	<b>\$9,173,000</b>	<b>\$1,556,000</b>	<b>20.43%</b>

\*Other expenditures are those which don't fit the other 4 categories. These include, among others, professional services, employee training, prepaid insurance, sludge hauling, water conservation expenses, fees to financial institutions, and postage.



EL PASO WATER / PUBLIC SERVICE BOARD						
SUMMARY, FY 2022-2023						
STAFFING BY DIVISION AND SECTION						
Stormwater	Division/Section	2018-19	2019-20	2020-21	2021-22	2022-23
	Stormwater Management	51.25	45.25	45	45	45
	Stormwater Technical Services	8	9	9	9	11
TOTAL BUDGETED POSITIONS		59.25	54.25	54.00	54.00	56.00
TOTAL ACTUAL POSITIONS		57.25	52.25	45	45	

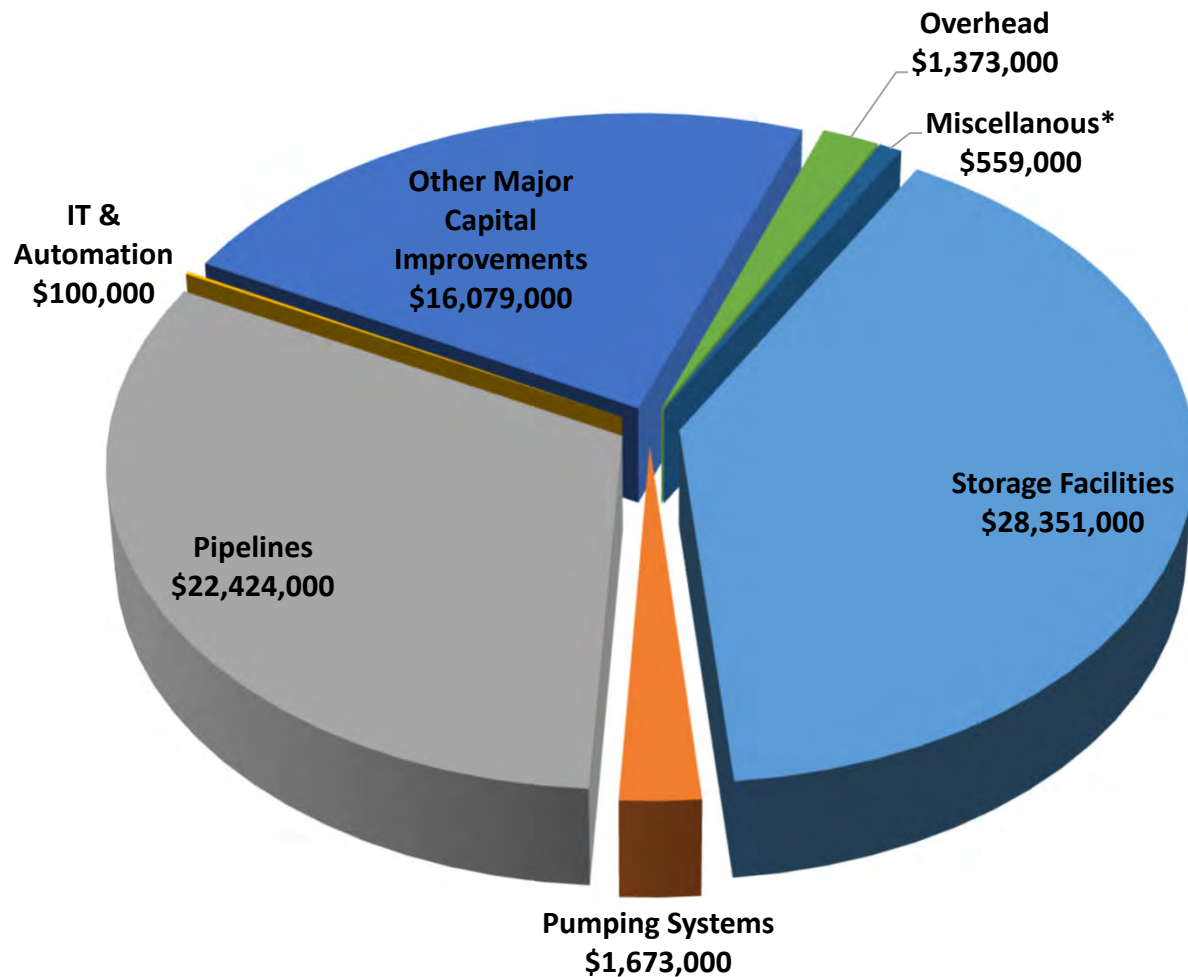
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EL PASO WATER  
FINANCIAL PLAN  
STORMWATER

Stormwater Fund	Adopted Budget	Projected Budget	Approved Budget	Projected	Projected	Projected	Projected
	FY 2021-22	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
<b>Total Operating and Capital Budget</b>	<b>\$48,676</b>	<b>\$36,311</b>	<b>\$91,815</b>	<b>\$95,265</b>	<b>\$97,110</b>	<b>\$100,629</b>	<b>\$105,332</b>
<b>Operating Revenues</b>							
Stormwater Service	\$25,850	\$25,829	\$28,548	\$31,263	\$36,139	\$42,508	\$50,431
<b>Total Stormwater Revenues</b>	<b>25,850</b>	<b>25,829</b>	<b>28,548</b>	<b>31,263</b>	<b>36,139</b>	<b>42,508</b>	<b>50,431</b>
<b>Rate Increase</b>	<b>6.0%</b>	<b>6.0%</b>	<b>9.0%</b>	<b>8.0%</b>	<b>14.0%</b>	<b>16.0%</b>	<b>17.0%</b>
<b>Misc. Operating Revenues</b>							
Service Charges, Misc. Fees (S/W Only)	603	499	603	603	603	603	603
Interest Earnings	40	1	40	40	70	70	70
<b>Total Operating Revenues</b>	<b>26,493</b>	<b>26,329</b>	<b>29,191</b>	<b>31,906</b>	<b>36,812</b>	<b>43,181</b>	<b>51,104</b>
<b>Less Operating Expenses</b>							
O&M Expenses	7,617	8,108	9,173	9,265	9,357	9,451	9,546
<b>Total Operating Expenses</b>	<b>7,617</b>	<b>8,108</b>	<b>9,173</b>	<b>9,265</b>	<b>9,357</b>	<b>9,451</b>	<b>9,546</b>
<b>Operating Revenues Available</b>	<b>18,876</b>	<b>18,222</b>	<b>20,018</b>	<b>22,641</b>	<b>27,455</b>	<b>33,730</b>	<b>41,558</b>
Interest Revenue on Restricted Funds	300	51	300	300	300	300	300
Build America Bonds (BAB) 35% Tax Credit	0	0	0	0	0	0	0
<b>Revenues Available for Debt Service</b>	<b>19,176</b>	<b>18,273</b>	<b>20,318</b>	<b>22,941</b>	<b>27,755</b>	<b>34,030</b>	<b>41,858</b>
Existing Debt Service - P & I - Bonds	9,485	10,342	10,352	10,348	10,347	10,645	10,721
DFLC Annual Interest	438	151	633	850	1,081	1,320	1,526
New Debt Service - P & I - Bonds	0	0	427	1,936	4,367	7,776	11,834
Annual Contributions to Reserve Fund	618	138	212	2,203	1,290	764	1,029
<b>Revenues Before Non-Operating Revenues</b>	<b>8,634</b>	<b>7,642</b>	<b>8,693</b>	<b>7,604</b>	<b>10,669</b>	<b>13,525</b>	<b>16,749</b>
<b>Misc. Non-Operating Revenues</b>							
Land Sales	0	98	0	0	0	0	0
<b>Total Non-Operating Revenues</b>	<b>0</b>	<b>98</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Rev. Avail. For Capital Rehab/Impr.</b>	<b>8,634</b>	<b>7,740</b>	<b>8,693</b>	<b>7,604</b>	<b>10,669</b>	<b>13,525</b>	<b>16,749</b>
<b>Capital Expenses</b>							
Capital Projects - Stormwater	30,031	17,276	70,000	70,000	70,000	70,000	70,000
Capital Equipment	296	296	559	200	200	200	200
<b>Total Capital Expenses</b>	<b>30,327</b>	<b>17,572</b>	<b>70,559</b>	<b>70,200</b>	<b>70,200</b>	<b>70,200</b>	<b>70,200</b>
Contingencies	190	0	459	463	468	473	477
<b>(Deficiency) To Be Funded By Debt, Grants Or Construction Funds</b>	<b>(21,883)</b>	<b>(9,832)</b>	<b>(62,324)</b>	<b>(63,059)</b>	<b>(59,998)</b>	<b>(57,147)</b>	<b>(53,928)</b>
New Bond Issues & Revolving Credit	25,795	9,000	54,762	53,600	60,050	57,000	53,850
Grants	0	0	5,100	0	0	0	0
Construction Fund	7,453	2,810	8,684	0	0	0	4,400
Transfer from / (to) Restricted Funds	(3,217)	0	0	0	0	0	0
<b>Increase / Decrease In Fund Balance</b>	<b>8,148</b>	<b>1,978</b>	<b>6,222</b>	<b>(9,459)</b>	<b>52</b>	<b>(147)</b>	<b>4,322</b>
<b>DSC Senior Lien Debt - 1.80x</b>	<b>2.02</b>	<b>1.77</b>	<b>1.88</b>	<b>1.87</b>	<b>1.89</b>	<b>1.85</b>	<b>1.86</b>
<b>Cash Reserve Balance - % of O&amp;M</b>	<b>159.8%</b>	<b>74.1%</b>	<b>133.3%</b>	<b>29.9%</b>	<b>30.1%</b>	<b>28.3%</b>	<b>73.3%</b>
<b>Average Residential Stormwater Bill</b>	<b>\$ 4.51</b>	<b>\$ 4.51</b>	<b>\$ 4.92</b>	<b>\$ 5.31</b>	<b>\$ 6.05</b>	<b>\$ 7.02</b>	<b>\$ 8.21</b>
<b>Percent Increase</b>	<b>6.0%</b>	<b>6.0%</b>	<b>9.0%</b>	<b>8.0%</b>	<b>14.0%</b>	<b>16.0%</b>	<b>17.0%</b>

Note: This financial plan is not approved by the Public Service Board, but is used as a guide for financial planning purposes

**FY 2022-2023**  
**CAPITAL BUDGET SUMMARY**  
Projected Stormwater Expenditures



**TOTAL STORMWATER CAPITAL BUDGET**  
**\$70,559,000**

\*Vehicle and equipment cost

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*El Paso Stormwater Utility*  
*Public Service Board*  
**Capital Improvement Program**  
**Funding for Fiscal Year 2022-2023**

## STORMWATER SYSTEM IMPROVEMENT

		FY 2022-2023 Projected Expenditures	FY 2022-2023 Funding Request	PROPOSED FUNDING SOURCES FOR NEW MONEY PROJECTS				
Item #	Project			SWCI	OPEN SPACE	DFRL	BOND	GRANT
STORAGE		\$ 28,351,000	\$ 40,777,000	\$ 800,000	\$ -	\$ 25,377,000	\$ 9,500,000	\$ 5,100,000
R020027	Pico Norte Pond	500,000	-					
R020028	Flow Path 39A Detention	310,000	-					
R020029	Palisades Stormwater System	3,262,000	6,229,000	600,000		5,629,000		
R020030	Dallas Street Outfall Basin	1,000,000	-					
R020031	Will Ruth Pond	7,800,000	27,342,000			12,742,000	9,500,000	5,100,000
R020033	Various Dam Improvements	200,000	-					
R020035	Americas 10 Watershed Improvements	430,000	430,000			430,000		
R020042	Dam No. 2 (Morehead)	1,650,000	2,000,000	200,000		1,800,000		
R020043	Dam 4 Upgrade - Memphis Dam	167,000	-					
R020045	Arroyo 1 Dam - Detention Improvement	4,416,000	4,416,000			4,416,000		
R020046	Humane Society Ponding Area	546,000	-					
R020048	Arroyo 1A Dam - Stormwater Basins	4,000,000	-					
R020056	Magnolia Pond Expansion	360,000	-					
R020057	SAC 1 Detention Basin	360,000	-					
R020058	SAC 2 Detention Basin	2,160,000	360,000			360,000		
R020060	Coates Dam Spillway	380,000	-					
R020061	Dam 10 Improvements (Cliff Dam)	810,000	-					
PUMPING SYSTEM		1,673,000	3,192,000	464,000	-	2,728,000	-	-
R030024	Clardy Fox Pump Station Improvements	146,000	1,665,000	464,000		1,201,000		
R030026	Pico Norte Pump Station & Force Main	777,000	777,000			777,000		
R030027	Gateway East Pump Station	750,000	750,000			750,000		
CONVEYANCE		22,424,000	10,131,000	1,196,000	2,855,000	6,080,000	-	-
R040084	City of El Paso CDB Paving Projects	2,400,000	2,196,000	1,196,000		1,000,000		
R040085	Stormwater and Development of Natural Open Space	3,686,000	2,855,000		2,855,000			
R040086	Coors Channel Improvements	2,478,000	-					
R040091	EPEC Culvert at Northeast Channel 2	60,000	-					
R040094	Grissom & Hunt CMP Rehabilitation	525,000	-					
R040097	Sam Snead Storm Drain System Improvements	2,750,000	-					
R040104	Old Spanish Trail Spillway Structural Repairs - Monsoonal	655,000	-					
R040118	Corrugated Metal Pipe (CMP) Replacement Program	6,400,000	5,080,000			5,080,000		
R040119	White Spur Drain Upstream Expansion	47,000	-					
R040121	Tobin Drain at Northgate Development	180,000	-					

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Item #	Project	FY 2022-2023 Projected Expenditures	FY 2022-2023 Funding Request	PROPOSED FUNDING SOURCES FOR NEW MONEY PROJECTS				
				SWCI	OPEN SPACE	DFRL	BOND	GRANT
R040125	St Mark Drainage System	528,000	-					
R040126	Fort Bliss Diversion Access Boxes	1,740,000	-					
R040129	Mesa Street Drainage Improvements	825,000	-					
R040130	Carolina Drive CMP Replacement	150,000	-					
<b>IT &amp; AUTOMATION</b>		<b>100,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
R070006	Stormwater SCADA System	100,000	-					
<b>OTHER MAJOR CAPITAL PROJECTS</b>		<b>16,079,000</b>	<b>14,446,000</b>	<b>2,397,000</b>	<b>-</b>	<b>12,049,000</b>	<b>-</b>	<b>-</b>
R080021	Security Upgrades	50,000	-					
R080030	Capital Improvements to Drains (EPCWID1)	353,000	-					
R080031	Monsoonal Emerging Projects (Dams, Ponds, Pump Stations, and Conveyance)	2,776,000	2,083,000	634,000		1,449,000		
R080036	City Wide Land Acquisition	12,600,000	12,363,000	1,763,000		10,600,000		
R080042	Northgate Diversion Channel Improvements	300,000	-					
<b>TOTAL STORMWATER SYSTEM</b>		<b>\$ 68,627,000</b>	<b>\$ 68,546,000</b>	<b>\$ 4,857,000</b>	<b>\$ 2,855,000</b>	<b>\$ 46,234,000</b>	<b>\$ 9,500,000</b>	<b>\$ 5,100,000</b>
<b>OVERHEAD</b>		<b>1,373,000</b>	<b>1,371,000</b>					
<b>TOTAL STORMWATER SYSTEM WITH OVERHEAD</b>		<b>\$ 70,000,000</b>	<b>\$ 69,917,000</b>					

**NEW FUNDING REQUEST - STORMWATER PROJECTS**

FISCAL YEAR 2022-2023

<b>PROGRAM: Palisades Stormwater System</b>		<b>R020029</b>
<b>PROGRAM CATEGORY</b>	STORAGE	
<b>DESCRIPTION</b>	Design and construction of Palisades Stormwater System.	
<b>Total Funding Request</b>	\$6,229,000	
<b>Funding Sources</b>	SWCI – \$600,000	
	DFRL - \$5,629,000	
<b>FY 2022-2023 Projected Expenditures</b>	\$3,262,000	
<b>Total Project Cost</b>	\$6,382,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Will Ruth Pond</b>		<b>R020031</b>
<b>PROGRAM CATEGORY</b>	STORAGE	
<b>DESCRIPTION</b>	Environmental abatement and construction of new stormwater storage structure.	
<b>Total Funding Request</b>	\$27,342,000	
	DFRL – \$12,742,000	
<b>Funding Sources</b>	BOND – \$9,500,000	
	GRANT - \$5,100,000	
<b>FY 2022-2023 Projected Expenditures</b>	\$7,800,000	
<b>Total Project Cost</b>	\$29,800,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Americas 10 Watershed Improvements</b>		<b>R020035</b>
<b>PROGRAM CATEGORY</b>	STORAGE	
<b>DESCRIPTION</b>	Planning and design of improvements to Americas 10 watershed.	
<b>Total Funding Request</b>	\$430,000	
<b>Funding Sources</b>	DFRL	
<b>FY 2022-2023 Projected Expenditures</b>	\$430,000	
<b>Total Project Cost</b>	\$13,810,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Dam No. 2 (Morehead)</b>		<b>R020042</b>
<b>PROGRAM CATEGORY</b>	STORAGE	
<b>DESCRIPTION</b>	Construction of improvements to Morehead Dam No. 2.	
<b>Total Funding Request</b>	\$2,000,000	
<b>Funding Sources</b>	SWCI – \$200,000	
	DFRL – \$1,800,000	
<b>FY 2022-2023 Projected Expenditures</b>	\$1,650,000	
<b>Total Project Cost</b>	\$3,300,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Arroyo 1 Dam - Detention Improvement</b>		<b>R020045</b>
<b>PROGRAM CATEGORY</b>	STORAGE	
<b>DESCRIPTION</b>	Design and construction of detention improvements at Arroyo 1 dam.	
<b>Total Funding Request</b>	\$4,416,000	
<b>Funding Sources</b>	DFRL	
<b>FY 2022-2023 Projected Expenditures</b>	\$4,416,000	
<b>Total Project Cost</b>	\$7,296,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: SAC 2 Detention Basin</b>		<b>R020058</b>
<b>PROGRAM CATEGORY</b>	STORAGE	
<b>DESCRIPTION</b>	Land acquisition and design of new stormwater storage structure.	
<b>Total Funding Request</b>	\$360,000	
<b>Funding Sources</b>	DFRL	
<b>FY 2022-2023 Projected Expenditures</b>	\$2,160,000	
<b>Total Project Cost</b>	\$9,352,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: Clardy Fox Pump Station Improvements</b>		<b>R030024</b>
<b>PROGRAM CATEGORY</b>	PUMPING SYSTEM	
<b>DESCRIPTION</b>	Construction of improvements to pump station.	
<b>Total Funding Request</b>	\$1,665,000	
<b>Funding Sources</b>	SWCI – \$464,000 DFRL – \$1,201,000	
<b>FY 2022-2023 Projected Expenditures</b>	\$146,000	
<b>Total Project Cost</b>	\$1,716,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Pico Norte Pump Station &amp; Force Main</b>		<b>R030026</b>
<b>PROGRAM CATEGORY</b>	PUMPING SYSTEM	
<b>DESCRIPTION</b>	Design of new Stormwater Pump Station and Force Main.	
<b>Total Funding Request</b>	\$777,000	
<b>Funding Sources</b>	DFRL	
<b>FY 2022-2023 Projected Expenditures</b>	\$777,000	
<b>Total Project Cost</b>	\$777,000	
<b>Impact on Operating Budget</b>	Yes	

**NEW FUNDING REQUEST - STORMWATER PROJECTS**

FISCAL YEAR 2022-2023

<b>PROGRAM: Gateway East Pump Station</b>		<b>R030027</b>
<b>PROGRAM CATEGORY</b>	PUMPING SYSTEM	
<b>DESCRIPTION</b>	Design of new stormwater pump station.	
<b>Total Funding Request</b>	\$750,000	
<b>Funding Sources</b>	DFRL	
<b>FY 2022-2023 Projected Expenditures</b>	\$750,000	
<b>Total Project Cost</b>	\$750,000	
<b>Impact on Operating Budget</b>	Yes	

<b>PROGRAM: City of El Paso CDB Paving Projects</b>		<b>R040084</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Rehabilitation and/or relocation of stormwater structures as part of City of El Paso's paving projects.	
<b>Total Funding Request</b>	\$2,196,000	
<b>Funding Sources</b>	SWCI – \$1,196 000 DFRL – 1,000,000	
<b>FY 2022-2023 Projected Expenditures</b>	\$2,400,000	
<b>Total Project Cost</b>	\$6,033,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Stormwater and Development of Natural Open Space</b>		<b>R040085</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Land acquisition of approved projects. Arroyo 1A, AVISPA Canyon, Canterbury Arroyo, Cement Lake and TIRZ 12.	
<b>Total Funding Request</b>	\$2,855,000	
<b>Funding Sources</b>	OPEN SPACE	
<b>FY 2022-2023 Projected Expenditures</b>	\$3,686,000	
<b>Total Project Cost</b>	\$6,186,000	
<b>Impact on Operating Budget</b>	No	

<b>PROGRAM: Corrugated Metal Pipe (CMP) Replacement Program</b>		<b>R040118</b>
<b>PROGRAM CATEGORY</b>	CONVEYANCE	
<b>DESCRIPTION</b>	Planning, design and construction to replace corrugated metal pipe at various locations.	
<b>Total Funding Request</b>	\$5,080,000	
<b>Funding Sources</b>	DFRL	
<b>FY 2022-2023 Projected Expenditures</b>	\$6,400,000	
<b>Total Project Cost</b>	\$12,580,000	
<b>Impact on Operating Budget</b>	No	



**NEW FUNDING REQUEST - STORMWATER PROJECTS**

FISCAL YEAR 2022-2023

<b>PROGRAM:</b>	<b>Monsoonal Emerging Projects (Dams, Ponds, Pump Stations, and Conveyance)</b>	<b>R080031</b>
<b>PROGRAM CATEGORY</b>	OTHER MAJOR CAPITAL PROJECTS	
<b>DESCRIPTION</b>	Evaluation, design and/or construction of unplanned improvements.	
<b>Total Funding Request</b>	\$2,083,000	
<b>Funding Sources</b>	SWCI – \$634,000 DFRL – \$1,449,000	
<b>FY 2022-2023 Projected Expenditures</b>	\$2,776,000	
<b>Total Project Cost</b>	\$24,856,000	
<b>Impact on Operating Budget</b>	No	

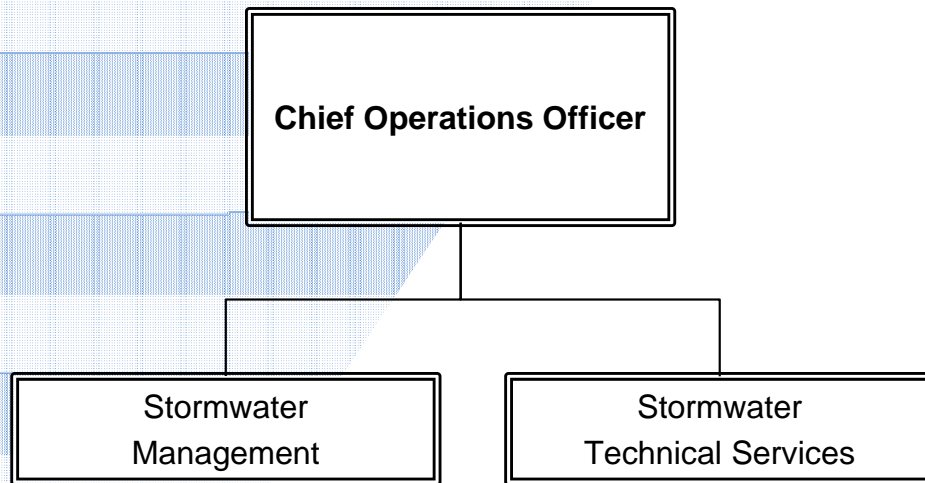
<b>PROGRAM:</b>	<b>City Wide Land Acquisition</b>	<b>R080036</b>
<b>PROGRAM CATEGORY</b>	OTHER MAJOR CAPITAL PROJECTS	
<b>DESCRIPTION</b>	Acquisition of land for stormwater projects.	
<b>Total Funding Request</b>	\$12,363,000	
<b>Funding Sources</b>	SWCI – \$1,763,000 DFRL – \$10,600,000	
<b>FY 2022-2023 Projected Expenditures</b>	\$12,600,000	
<b>Total Project Cost</b>	\$19,050,000	
<b>Impact on Operating Budget</b>	No	

**El Paso Water Utilities/Public Service Board**  
**Stormwater Approved Capital Outlay**  
 Light, Office and Miscellaneous Equipment  
 FY 2022-23

Section		Description	To Light Equip
210		UNMANNED AERIAL VEHICLE AND ACCESSORIES	\$52,300
		<b>STORMWATER TOTAL</b>	<b>\$52,300</b>

<b>EL PASO WATER UTILITIES /PUBLIC SERVICE BOARD</b> <b>SUMMARY OF PROPOSED CAPITAL OUTLAY FOR</b> <b>NEW AND REPLACEMENT AUTOMOTIVE AND CONSTRUCTION EQUIPMENT</b> <b>FY 2022-23</b>					
<b>STORMWATER REPLACEMENT AUTOMOTIVE AND CONTSTRUCTION EQUIPMENT</b>					
<b>Section</b>	<b>Unit#</b>	<b>Description</b>	<b>Projected Mileage-Hours by 02-2022</b>	<b>Type of Vehicle</b>	<b>Estimated Cost</b>
210	1009	COMPACT PICK-UP 4X4	105,968	2008 FORD RANGER	\$35,000
210	2028	TRAILER PUMP 6"	939	1998 GORMAN RUP 16C2-F268D	\$35,500
210	2029	TRAILER PUMP 4"	0	1998 GORMAN RUP 16C2-F268D	\$35,500
210	2030	TRAILER PUMP 6"	668	1998 GORMAN RUP 16C2-F268D	\$35,500
210	2031	TRAILER PUMP 6"	468	1998 GORMAN RUP 16C2-F268D	\$35,500
210	2032	TRAILER PUMP 4"	473	1998 GORMAN RUP 16C2-F268D	\$35,500
210	2045	TRAILER PUMP 8"	65	2008 GODWIN CD225M	\$35,500
210	NEW	MINI DOZER			\$255,000
210	NEW	MINI SKID STEER			\$56,000
<b>Estimated Total Vehicle and Equipment Cost</b>					<b>\$559,000</b>

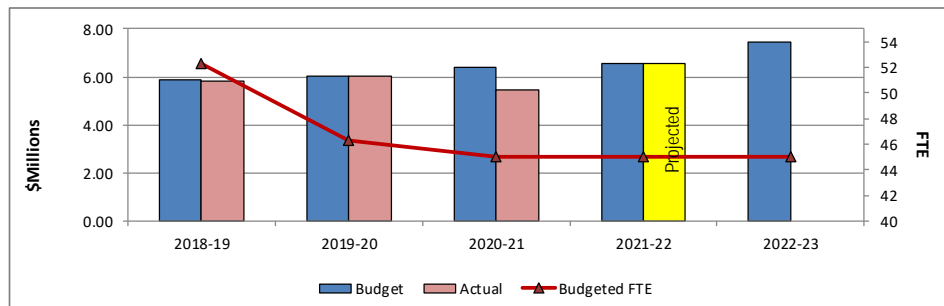
## Stormwater Operations



**210 STORMWATER MANAGEMENT**

## STORMWATER

<b>OPERATING AND MAINTENANCE BUDGET</b>					
ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
	<b>PERSONNEL SERVICES</b>				
7010	Capital Salaries and Wages	1,251,337	1,194,000	1,173,452	1,160,000
7020	O & M Salaries and Wages	559,342	661,000	699,797	719,000
7750	Worker's Compensation	25,879	26,100	35,260	26,100
	<b>TOTAL PERSONNEL SERVICES (LOADED)</b>	<b>1,836,559</b>	<b>1,881,100</b>	<b>1,908,509</b>	<b>1,905,100</b>
	<b>MATERIALS &amp; SUPPLIES</b>				
7500	Chemicals	1,333	-	1,000	2,500
7560	Office Supplies & Printing	3,943	5,000	4,198	5,000
7620	Small Tools & Equipment	13,830	17,000	33,913	37,000
7740	Rental of Equipment	3,888	1,700	2,718	1,700
	<b>TOTAL MATERIALS &amp; SUPPLIES</b>	<b>22,994</b>	<b>23,700</b>	<b>41,828</b>	<b>46,200</b>
	<b>MAINTENANCE</b>				
7330	Emergency Response	36,240	200,000	183,292	250,000
7340	Maintenance of Basins, Ponds, Dams	1,130,824	1,400,000	1,425,749	1,555,000
7350	Maintenance of Channels, Ditches, Conduits	1,279,392	1,550,000	1,440,515	1,840,000
7360	Maintenance of Pump Stations	163,376	150,000	156,271	170,000
7660	Building Services	87,375	90,000	64,763	90,000
7680	Communication Equipment	10,555	16,500	10,646	18,000
7850	Maintenance of Equipment	80,576	154,000	79,920	120,000
7930	Maintenance of Structure & Improvements	29,093	10,000	24,741	30,000
	<b>TOTAL MAINTENANCE</b>	<b>2,817,430</b>	<b>3,570,500</b>	<b>3,385,897</b>	<b>4,073,000</b>
	<b>UTILITIES</b>				
7060	Electricity Expense	58,948	60,000	59,662	65,000
7710	Natural Gas Expense	4,576	5,000	3,950	6,000
7760	Utilities	42,277	42,000	43,815	47,000
	<b>TOTAL UTILITIES</b>	<b>105,800</b>	<b>107,000</b>	<b>107,426</b>	<b>118,000</b>
	<b>MISCELLANEOUS</b>				
7120	Transportation	174,219	220,000	200,592	230,000
7260	Expense of Supervisor & Employees	10,442	20,000	11,363	22,000
7320	Lease of Land	25,230	24,000	24,000	24,000
7370	Disposal Fees	114,133	110,000	247,962	250,000
7640	Uniforms	27,690	40,000	35,713	40,000
7700	Insurance	6,360	8,100	8,100	8,700
7730	Special Services	2,782	-	-	-
7770	Security Services	39,265	63,400	51,635	62,700
7780	Miscellaneous Expense	440	1,000	301	700
7790	Software/Hardware Expense	16,695	25,200	13,121	51,600
	<b>TOTAL MISCELLANEOUS</b>	<b>417,256</b>	<b>511,700</b>	<b>592,787</b>	<b>689,700</b>
	<b>SUBTOTAL - ALL ACCOUNTS</b>	<b>5,200,040</b>	<b>6,094,000</b>	<b>6,036,448</b>	<b>6,832,000</b>
	<b>MINUS: CAPITAL SALARIES</b>	<b>(1,251,337)</b>	<b>(1,194,000)</b>	<b>(1,173,452)</b>	<b>(1,160,000)</b>
	<b>PLUS: INDIRECT COST ALLOCATION</b>	<b>1,498,000</b>	<b>1,678,000</b>	<b>1,678,000</b>	<b>1,756,000</b>
	<b>TOTAL - ALL ACCOUNTS</b>	<b>5,446,703</b>	<b>6,578,000</b>	<b>6,540,996</b>	<b>7,428,000</b>

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**

**210 STORMWATER MANAGEMENT**

## STORMWATER

**FUNCTION:**

Responsible for the proper operation and maintenance of the Stormwater system in the City of El Paso consisting of 22 Stormwater pump stations, 457 ponds comprising 1,856 acres, 41 dams and basins comprising 1,875 acres, 71 miles of channels, 9 miles of agricultural drains, 347 miles of storm drain conduits, and 7,510 storm drain drop inlets. Additionally, Stormwater Operations is tasked with promptly addressing Customer Service requests received.

PERFORMANCE MEASURES	INVENTORIED STORMWATER TOTAL ASSETS	STRATEGIC OBJECTIVE	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Acres of ponds cleaned	1856	Customer/Internal Process	434	320	600
Acres of dams cleaned	1875	Customer/Internal Process	428	350	350
Miles of channels cleaned	71	Customer/Internal Process	44	20	30
Miles of agricultural drains cleaned	9	Customer/Internal Process	3	9.5	18
Miles of storm drain conduits cleaned	347	Customer/Internal Process	2	0.15	3
Storm drain inlets cleaned	7510	Customer/Internal Process	206	4005*	800
Acres of Herbicide placed		Customer/Internal Process	59	123	60

\*3373 contracted work with emergency declaration

Positions	Pay Grade	Approved 2020-21	Approved 2021-22	Actual As Of 09/01/21	Approved 2022-23
Stormwater Operations Manager	EX4	1	1	1	1
Stormwater Superintendent	130	1	1	1	1
GIS Technician <sup>1</sup>	122	2	2	2	2
Operations Assistant <sup>2</sup>	53	5	5	5	5
General Services Lead Worker	46	4	4	3	4
Trades Helper	45	10	10	7	10
Field Data Collector <sup>1</sup>	43	0	0	0	0
General Service Worker <sup>2</sup>	43	22	22	17	22
<b>Total Personnel</b>		<b>45</b>	<b>45</b>	<b>36</b>	<b>45</b>

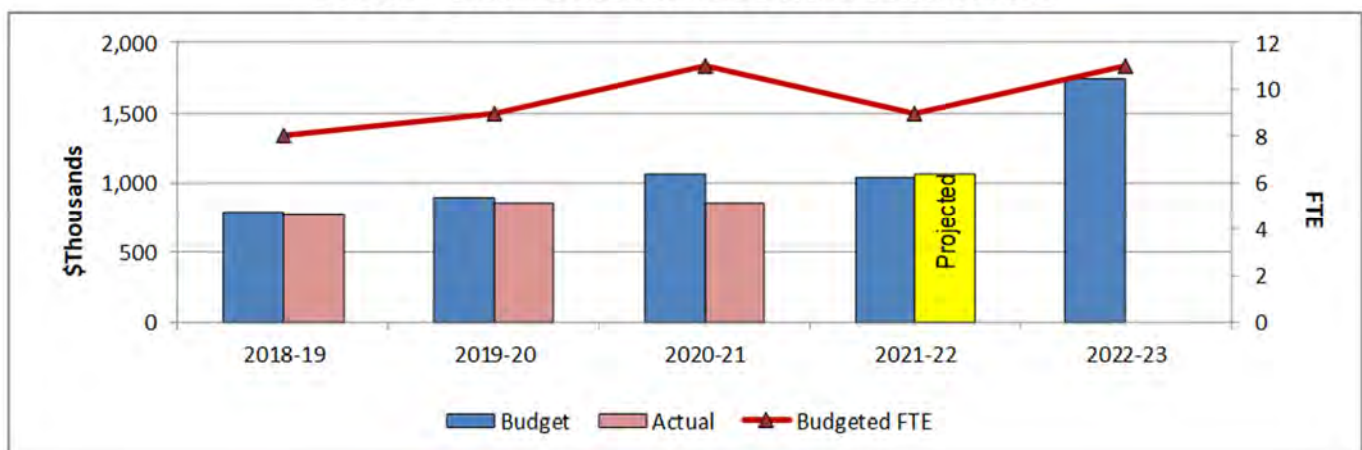
<sup>1</sup>FY2020-21 Upgrade Field Data Collector to Graphic Information System Technician per Issue Paper

<sup>2</sup>FY2020-21 One General Service Worker position deleted, and one Operations Assistant position added per Human Resources off cycle budget staffing request



**OPERATING AND MAINTENANCE BUDGET**

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	ACTUAL FY 2020-21	BUDGET FY 2021-22	PROJECTED FY 2021-22	APPROVED FY 2022-23
7020	O & M Salaries and Wages	649,381	690,000	628,351	919,000
	TOTAL PERSONNEL SERVICES (LOADED)	649,381	690,000	628,351	919,000
	<u>MATERIALS &amp; SUPPLIES</u>				
7560	Office Supplies & Printing	1,648	2,000	1,468	12,000
7740	Rental of Equipment	3,557	1,700	1,700	1,700
	TOTAL MATERIALS & SUPPLIES	5,204	3,700	3,168	13,700
	<u>MAINTENANCE</u>				
7680	Communication Equipment	6,913	7,200	7,521	10,200
	TOTAL MAINTENANCE	6,913	7,200	7,521	10,200
	<u>MISCELLANEOUS</u>				
7100	Rent	21,480	21,100	21,100	22,200
7120	Transportation	1,561	3,000	3,178	3,200
7260	Expense of Supervisor & Employees	6,331	4,900	13,115	23,000
7720	Professional Services	125,069	285,000	360,000	686,500
7730	Special Services	9,317	10,400	10,400	41,500
7780	Miscellaneous Expense	140	200	499	1,000
7790	Software/Hardware Expense	22,867	13,500	10,328	24,700
	TOTAL MISCELLANEOUS	186,765	338,100	418,620	802,100
	TOTAL - ALL ACCOUNTS	848,264	1,039,000	1,057,661	1,745,000

**BUDGET TO ACTUAL AND BUDGETED PERSONNEL**

**220 TECHNICAL SERVICES****STORMWATER****FUNCTION:**

Design, coordinate, and manage in-house stormwater engineering projects and studies. Coordinate and review drawings from developer's consulting engineers, the City of El Paso planning department, Texas Department of Transportation (TXDOT), and other agencies. Maintain record drawings and provide technical comments for new developments (stormwater designs for subdivisions and relocations).

Develop and maintain technical design criteria, procedures, and drawing standards for preparation of construction documents for drainage conveyance, storage, pumping, and control structure improvements.

Negotiate, administer and manage all consulting contracts for planning, pre-design, design, and construction of stormwater capital improvement projects. Provide engineering and technical support to stormwater operations. Oversee adherence to divisional policies, city, state, and federal regulations and assist in formulating, maintaining, and executing the EPWater's stormwater master plan and related watershed studies.

PERFORMANCE MEASURES	STRATEGIC OBJECTIVE	FY 2019-20 ACTUAL	FY 2020-21 ACTUAL	FY 2021-22 PROJECTED	FY 2022-23 GOAL
Percent of Annual Capital Improvement Program budget expended	Strengthen Financial Viability	\$19.8M	\$10.5M	\$20.6 M	80%
Projects out for construction by City that had Stormwater Engineering involvement	Improve Infrastructure	10	13	14	11
Number of LOMR / CLOMR applications submitted for eligible projects	Improve Efficiency	Assisted City of El Paso with submission of Pico Norte LOMR	0	0 Preliminary Maps in Process	100%
Percent of City of El Paso's-CID reviews completed within a 2-week period	Strengthen Stakeholder Partnerships	90%	100%	100%	100%
Percent of City of El Paso's-Developer Services subdivision reviews completed within the allotted time	Strengthen Stakeholder Partnerships	53%	55%	52%	85%
Percent of number of budgeted storm water system design projects contracted	Improve Infrastructure	84.6%	39%	67%	85%
Percent of number of budgeted storm water system construction projects contracted	Improve Infrastructure	114.3%	30%	59%	85%
Number of invoices processed after 10 days	Improve Efficiency	90	79	0	0
Emergency Projects Completed	Improve Infrastructure			50%	100%



**220 TECHNICAL SERVICES****STORMWATER**

<b>Positions</b>	<b>Pay Grade</b>	<b>Approved 2020-21</b>	<b>Approved 2021-22</b>	<b>Actual As Of 09/01/21</b>	<b>Approved 2022-23</b>
Utility Chief Operations Officer <sup>2</sup>	EX2	0	0	0	1
Engineering Division Manager <sup>2</sup>	EX4	1	1	1	0
Utility Engineer	132	3	3	1	3
Utility Engineer Associate <sup>1,4</sup>	128	0	0	2	4
Engineering Associate <sup>4</sup>	126	2	2	2	0
Engineering Lead Technician	56	2	2	2	2
Senior Secretary <sup>3</sup>	49	0	0	0	1
Secretary <sup>3</sup>	46	1	1	1	0
<b>Total Personnel</b>		<b>9</b>	<b>9</b>	<b>9</b>	<b>11</b>

<sup>1</sup>FY2022-23 Two Utility Engineer Associates add per Issue Papers

<sup>2</sup>FY2022-23 Delete Engineering Division Manager and add Utility Chief Operations Officer per Issue Paper

<sup>3</sup>FY2022-23 Delete Secretary add Senior Secretary per Issue Paper

<sup>4</sup>FY2022-23 Delete two Engineering Associates and add two Utility Engineer Associates per Issue Paper

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<b>EL PASO WATER</b> <b>WATER AND WASTEWATER UTILITY FUND</b> <b>SELECTED FINANCIAL AND STATISTICAL DATA</b>										
10 Years										
	2021	2020	2019	2018	2017	2016	2015 Restated	2014	2013 Restated	2012 Restated
<b>FINANCIAL DATA*</b>										
Total Revenue	\$297,157,780	\$291,425,543	\$262,362,718	\$245,030,722	\$228,529,505	\$200,641,758	\$185,460,346	\$183,812,260	\$179,184,287	\$178,090,062
Water System Income	147,208,821	132,339,151	128,204,097	119,037,788	112,919,598	101,469,106	95,619,915	94,489,112	94,590,378	94,686,408
Wastewater System Income	94,808,389	90,021,675	83,943,118	76,001,732	69,631,768	62,067,893	57,064,138	58,032,496	54,468,286	53,711,156
Misc. Revenue (Interest, etc.)	55,140,570	69,064,717	50,215,503	49,991,202	45,978,139	37,104,759	32,776,293	31,290,652	30,125,623	29,692,498
Paid to City in Lieu of Taxes	15,442,395	15,442,395	14,630,638	13,551,952	12,753,390	11,417,778	10,593,266	10,553,216	10,382,694	10,509,152
Net Income (Increase in Net Position)	67,288,570	70,952,516	46,398,716	35,449,530	34,953,963	21,794,345	17,949,618	20,256,284	12,667,540	11,729,771
Water Revenue per Customer	590.53	538.99	533.81	504.89	487.39	445.17	425.63	428.39	435.09	441.94
Wastewater Revenue per Customer	405.43	391.44	373.69	345.26	323.11	292.16	272.80	283.35	269.55	269.66
Number of Employees - Annual Average	870	870	868	852	835	832	841	845	818	819
Expenditures for Plant Additions	138,225,794	148,168,776	185,002,705	118,321,824	205,018,492	88,331,952	95,534,264	69,858,741	49,001,682	43,121,842
Bonded Debt	722,060,000	727,315,000	739,010,000	749,710,000	665,715,000	558,105,000	482,305,000	492,250,000	492,785,000	483,380,000
Outstanding Commercial Paper	40,000	15,000,000	15,000,000	10,000,000	22,500,000	10,000,000	10,000,000	5,000,000	8,000,000	13,000,000
Debt Service Coverage	2.39	2.21	2.22	2.18	2.17	2.22	2.09	2.09	2.01	1.86
<b>FINANCIAL RATIOS*</b>										
Current Ratio (Current Assets/Current Liabilities)	2.41	1.78	2.34	3.44	3.21	2.95	1.66	2.02	2.51	2.24
Acid Test Ratio (Cash & Cash Equivalents/ Current Liabilities)	1.04	0.96	1.68	2.60	2.41	1.76	0.79	1.07	1.72	1.57
Operating Ratio (O&M/Total Operating Revenue)	0.47	0.48	0.50	0.51	0.51	0.53	0.52	0.52	0.55	0.55
Net Take-Down Ratio ((Total Operating Revenue-O&M)/Gross Revenue)	0.52	0.48	0.49	0.48	0.48	0.47	0.47	0.47	0.44	0.44
Total Liabilities to Total Assets	0.46	0.48	0.50	0.51	0.50	0.47	0.45	0.43	0.44	0.44
Debt to Equity Ratio (Total Outstanding Debt/Equity)	0.67	0.70	0.78	0.83	0.79	0.69	0.63	0.63	0.67	0.68
Debt Ratio (Total Outstanding Debt/Total Assets)	0.36	0.37	0.39	0.41	0.40	0.37	0.35	0.36	0.37	0.38
Debt Service Safety Margin ((Net Operating Income-Debt Service)/Gross Revenue)	0.30	0.27	0.26	0.23	0.26	0.25	0.24	0.24	0.21	0.19
Restricted Assets/Restricted Liabilities	2.18	1.68	2.34	4.00	3.60	3.18	1.73	2.64	2.16	2.15

\*Fiscal Year March 1 thru last day of February of year shown

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<b>EL PASO WATER</b> <b>WATER AND WASTEWATER UTILITY FUND</b> <b>SELECTED FINANCIAL AND STATISTICAL DATA</b>										
10 Years										
	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
<b>WATER PRODUCTION AND USAGE DATA*</b>										
Water Customers Retail at End of Year	218,160	216,238	212,724	209,624	206,609	204,140	201,807	198,767	196,600	194,274
Water Customers Retail & Wholesale at End of Year	249,281	245,530	240,168	235,771	231,681	227,933	224,656	220,570	217,406	214,254
Water Pumped - Million Gallons	40,590	40,944	37,914	38,390	37,958	37,693	37,487	37,324	37,345	38,715
Water Metered - Million Gallons - Retail	30,187	31,385	30,554	30,997	30,959	31,058	30,847	31,246	31,803	33,261
Water Metered - Million Gallons - (Retail/Wholesale)	34,143	35,395	34,092	34,459	34,291	34,317	33,981	34,288	34,834	36,319
Percent of Water Billed vs Water Pumped (R/W)	84.1%	86.4%	89.9%	89.8%	90.3%	91.0%	90.6%	91.9%	93.3%	93.8%
Annual Billed Water per Customer Retail -1000 Gallons	138	145	144	148	150	152	153	157	162	171
Annual Billed Water per Customer (R/W) -1000 Gallons	137	144	142	146	148	151	151	155	160	170
Average Daily Water Demand-Million Gallons	111.0	111.5	103.7	105.1	103.9	102.9	102.6	103.1	99.8	104.3
Maximum Daily Water Demand-Million Gallons	168.0	170.7	151.8	161.3	153.6	161.1	149.8	157.4	161.1	163.2
Minimum Daily Water Demand-Million Gallons	68.0	59.8	62.9	65.5	66.3	64.5	66.2	64.0	63.3	60.6
Daily Average Consumption in Peak Week-Million Gallons	151.3	157.4	136.9	145.8	145.2	148.7	146.2	149.8	149.8	152.5
Peak day	June 23	July 17	July 4	August 7	June 23	July 13	June 24	June 4	June 26	June 26
Miles of Water Mains Installed	15.97	20.43	27.43	15.41	23.81	40.62	21.52	24.12	35.58	37.75
Miles of Water Mains Replaced or Abandoned	0.59	1.62	0.32	1.33	2.20	4.79	1.72	2.60	2.88	7.50
Miles of Water Mains in Place	2,767	2,752	2,733	2,706	2,692	2,670	2,635	2,615	2,593	2,561
Number of Fire Hydrants Installed	118	60	236	181	147	75	321	115	123	102
Number of Fire Hydrants in Place	11,567	11,449	11,389	11,153	10,972	10,825	10,750	10,429	10,314	10,191
<b>WASTEWATER SYSTEM DATA*</b>										
Wastewater Customers Retail & Wholesale at End of Year	233,847	229,973	224,633	220,129	215,508	212,445	209,178	204,810	202,068	199,181
Average Daily Flow - Million Gallons	53.90	56.66	56.47	56.80	58.79	58.16	58.18	58.67	59.10	61.76
Maximum Daily Flow - Million Gallons	74.25	69.16	68.60	69.15	83.16	74.01	67.29	77.02	91.07	67.16
Minimum Daily Flow - Million Gallons	38.19	46.17	42.33	45.38	44.33	44.67	53.40	52.27	55.85	56.57
Average Daily Flow per Customer - Gallons	230	246	251	258	273	274	278	286	292	310
Miles of Wastewater Line Installed	9.70	22.27	18.75	6.55	2.68	32.07	23.11	17.86	25.00	25.00
Miles of Wastewater Line in Place	2,368	2,358	2,336	2,317	2,311	2,308	2,276	2,253	2,235	2,210

\*Calendar Year

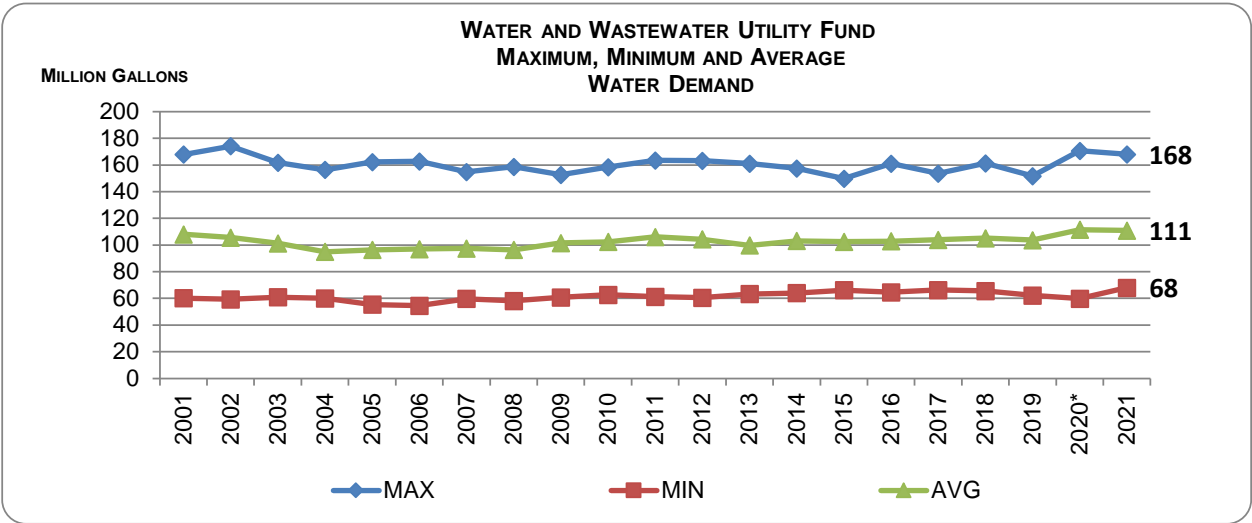
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## EL PASO WATER MUNICIPAL DRAINAGE UTILITY FUND SELECTED FINANCIAL AND STATISTICAL DATA 10 YEARS

	2021	2020	2019	2018	2017	2016	2015 Restated	2014	2013 Restated	2012 Restated
<b>FINANCIAL DATA</b>										
Revenue										
Residential	\$ 9,913,888	\$ 9,760,506	\$ 9,661,849	\$ 9,305,692	\$ 7,865,371	\$ 6,976,350	\$ 6,308,556	\$ 6,235,938	\$ 6,147,697	\$ 6,057,512
Non residential	14,151,183	13,952,988	13,638,666	13,113,510	11,083,902	9,812,150	8,990,392	8,926,521	8,918,715	8,881,591
Billing fees - City Solid Waste Management	281,193	277,952	274,877	271,905	268,793	266,405	262,772	260,645	256,864	253,153
Other operating revenue	207,393	434,387	383,284	393,198	392,592	463,584	419,794	399,981	363,864	213,034
Net Income (Increase in Net Position)	10,412,430	10,980,178	11,715,940	11,202,492	9,180,757	7,673,602	6,747,112	5,754,429	7,093,521	6,020,906
Revenue per Customer	119.22	119.28	118.60	115.43	98.49	88.03	81.32	81.50	82.03	82.41
Bonded Debt	90,701,000	95,635,000	100,324,000	102,468,000	96,607,000	80,456,000	60,860,000	63,384,000	65,743,000	53,518,000
Debt Service Coverage	1.89	1.87	2.88	2.00	1.80	2.02	1.95	1.76	2.30	2.26
<b>FINANCIAL RATIOS*</b>										
Current Ratio (Current Assets/Current Liabilities)	3.87	3.93	3.46	5.55	6.13	3.46	5.46	9.96	11.64	8.00
Acid Test Ratio (Cash & Cash Equivalents/Current Liabilities)	2.51	3.37	2.87	5.08	5.22	2.28	3.51	5.62	7.81	4.88
Operating Ratio (O&M-depreciation/Total Operating Revenue)	0.29	0.32	0.27	0.28	0.34	0.36	0.38	0.44	0.40	0.42
Net Take-Down Ratio (Total Operating Income-O&M)/Gross Revenue	0.71	0.63	0.70	0.68	0.63	0.60	0.58	0.52	0.53	0.54
Total Liabilities to Total Assets	0.50	0.53	0.55	0.57	0.57	0.57	0.51	0.52	0.55	0.54
Debt to Equity Ratio (Bonds Payable/Equity)	0.82	0.81	0.94	1.07	1.14	1.07	0.90	1.01	1.15	1.07
Debt Ratio (Bonds payable/Total Assets)	0.37	0.38	0.43	0.46	0.49	0.47	0.44	0.48	0.52	0.50
Debt Service Safety Margin (Net Operating Income-Debt Service)/(Total Operating Revenue+Interest Earnings)	0.32	0.28	0.43	0.33	0.26	0.28	0.23	0.16	0.28	0.26
Current Restricted Assets/Current Restricted Liabilities	3.42	3.45	3.20	5.35	5.93	3.28	5.27	10.63	11.31	7.74
<b>OPERATIONS AND STATISTICAL DATA*</b>										
Number of Ponds	454	450	434	403	394	388	361	361	361	361
Acres of Ponds Inventoried	1,866	1,855	1,805	1,019	958	904	904	904	904	1,020
Acres of Ponds Cleaned	443	447	104	258	243	377	425	82	917	461
Number of Dams/Basins	41	41	41	38	38	38	37	37	37	37
Acres of Dams/Basins Inventoried	2,430	2,430	2,430	2,430	2,430	2,430	2,430	2,430	2,430	2,417
Acres of Dams/Basins Cleaned	430	410	29	177	239	351	660	57	463	263
Miles of Channels Inventoried	71	71	74	74	74	74	74	74	74	72
Miles of Channels Cleaned	44	18	9	25	25	20	6	10	27	44
Miles of Agricultural Drains Inventoried	9	9	9	9	43	39	43	43	43	39
Miles of Agricultural Drains Cleaned	18	18	6	4	15	21	17	6	39	17
Miles of Drainage Conduits Inventoried	341	329	315	288	281	280	280	280	146	280
Miles of Drainage Conduits Cleaned	2	2	2	6	3	0	0	2	12	2
Drainage Inlets Inventoried	7,841	7,347	7,046	6,526	6,353	6,353	6,353	6,346	6,094	6,359
Drainage Inlets Cleaned	206	225	77	494	616	465	2	46	373	116

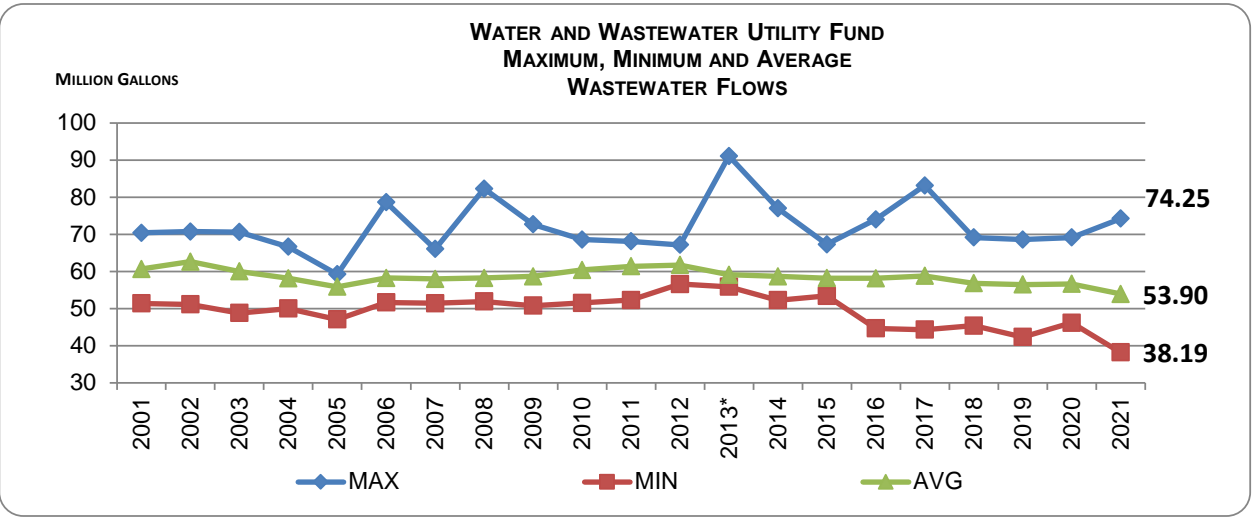
\*Fiscal year March 1 thru last day of February of year shown

PUBLIC SERVICE BOARD - EL PASO WATER



Calendar Year

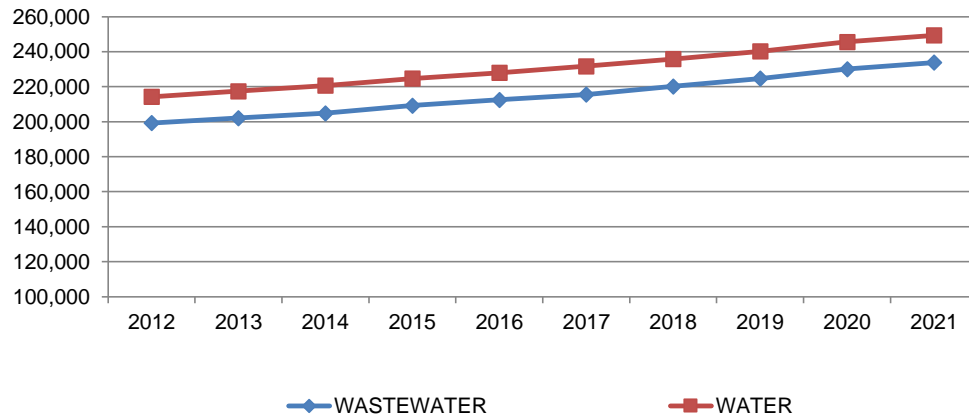
\*Due to Covid-19 pandemic, residential water consumption increased by 7%



Calendar Year

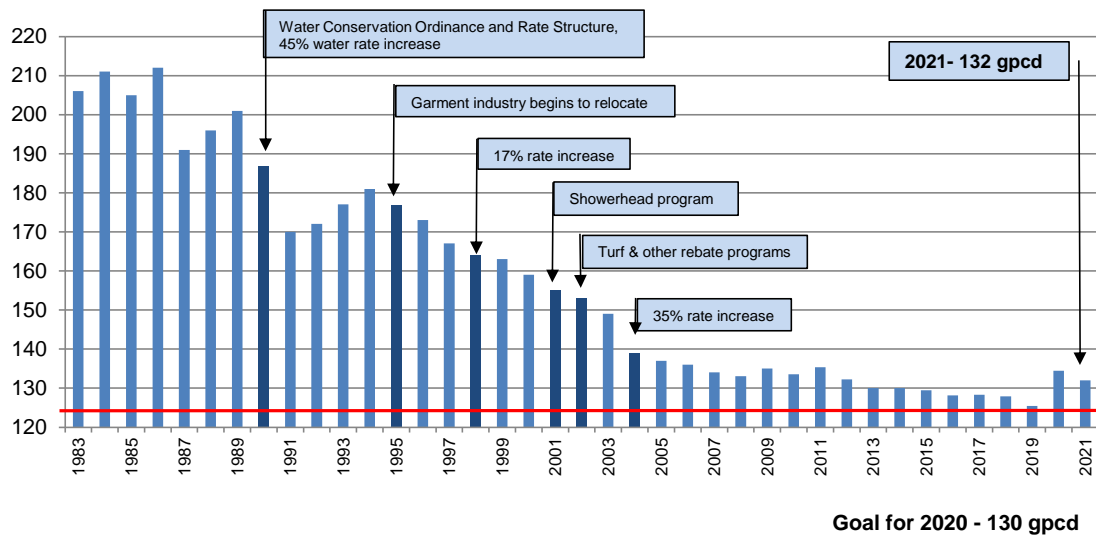
\*Heavy rains on September 12, 2013 infiltrated the sewer mains causing the spike in sewer flows

**WATER AND WASTEWATER UTILITY FUND  
CUSTOMER GROWTH  
2012 THRU 2021\***



\*Calendar Year

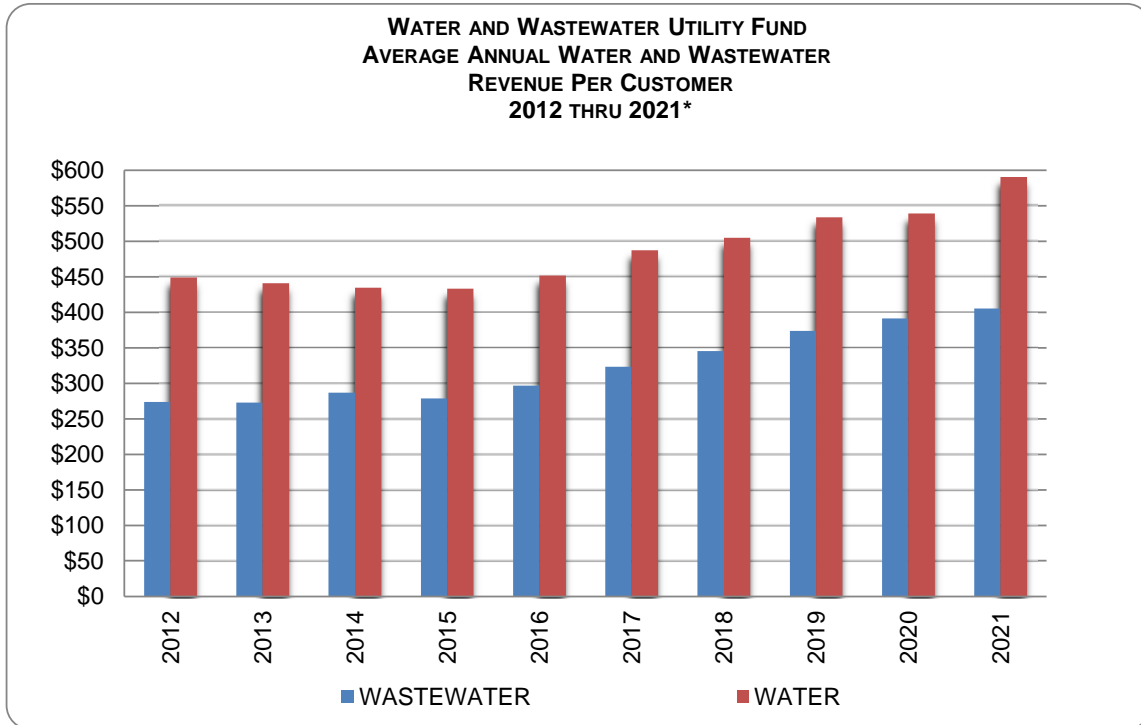
**WATER AND WASTEWATER UTILITY FUND  
PER CAPITA WATER CONSUMPTION**



\*Calendar Year

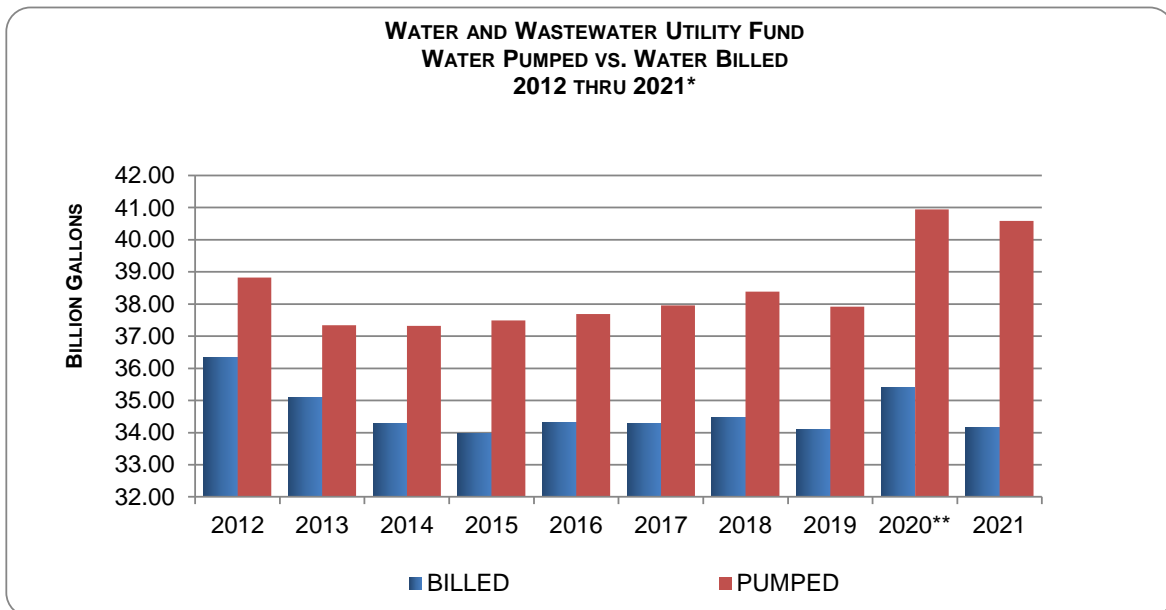
\*\*Due to Covid-19 pandemic, residential water consumption increased by 7%

## PUBLIC SERVICE BOARD - EL PASO WATER

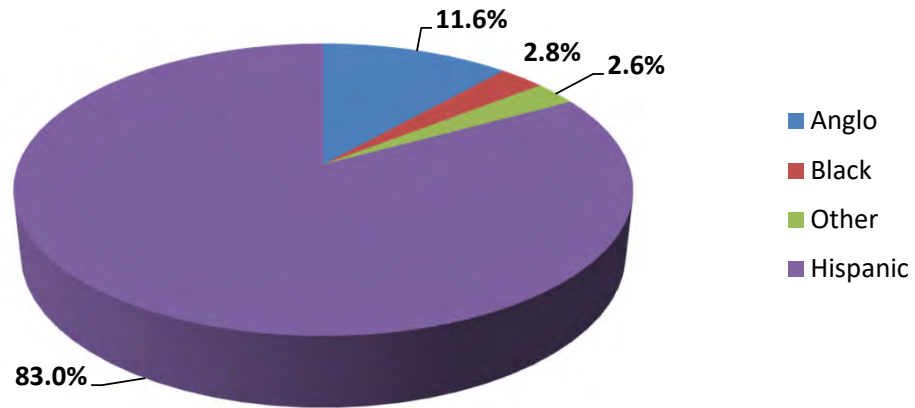


\* Fiscal year March 1 thru last day of February of year shown

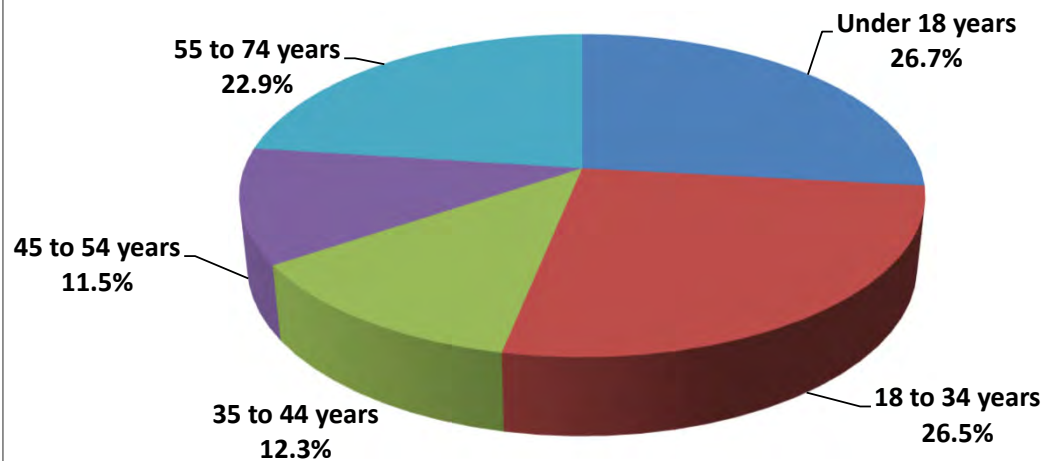
Note: retail & wholesale customers are included



\* Calendar Year

**EL PASO COUNTY POPULATION BY RACE AND ETHNICITY**

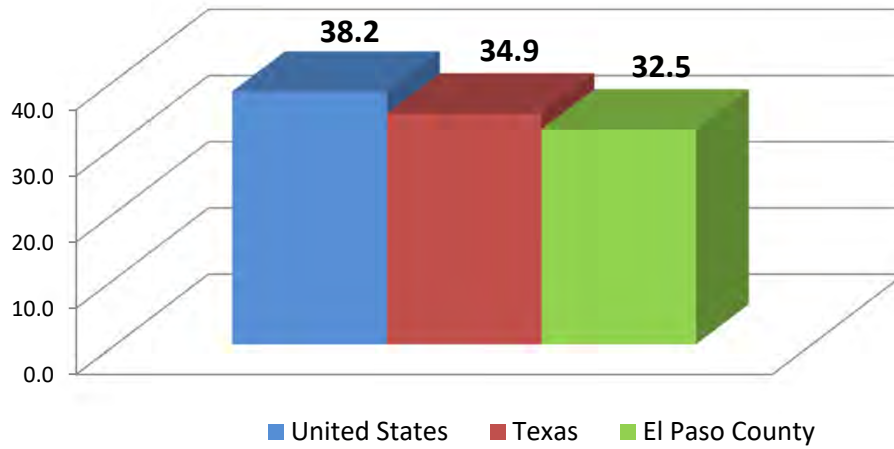
Source: U.S. Census Bureau, 2019 American Community Survey

**EL PASO COUNTY POPULATION BY AGE GROUP**

Source: U.S. Census Bureau, 2019 American Community Survey

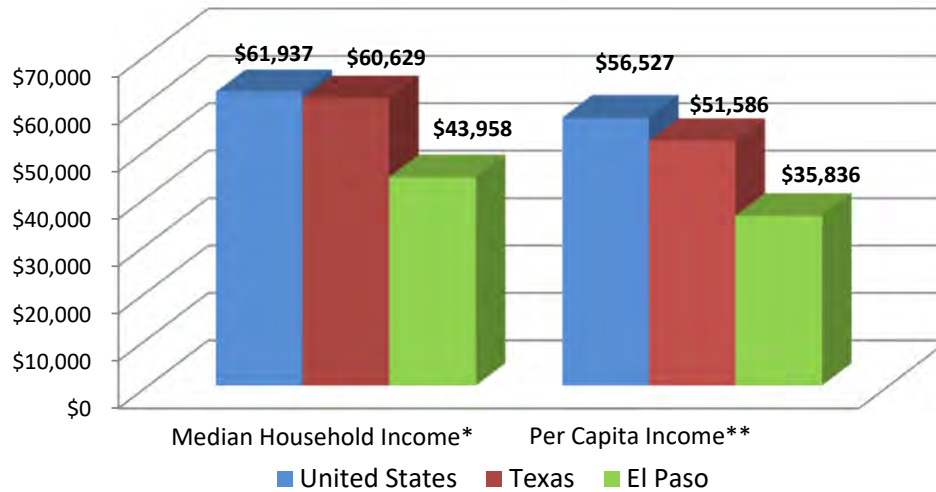


### NATIONAL, STATE AND EL PASO MEDIAN AGE



Source: U.S. Census Bureau, 2019 American Community Survey

### NATIONAL, STATE AND EL PASO MEDIAN INCOME LEVELS



\*Source: U.S. Census Bureau, 2019 American Community Survey

\*\*Source: Bureau of Economic Analysis, Table: CAINC30, 2020

## PUBLIC SERVICE BOARD - EL PASO WATER

## WATER AND WASTEWATER UTILITY FUND

2014 thru 2023\*

## Monthly Minimum Charge

Meter Size	WATER RATES									
	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
¾	8.70	7.98	7.82	7.45	7.16	6.63	6.20	5.59	5.18	5.18
1	13.56	12.44	12.20	11.62	11.17	10.34	9.66	8.70	8.06	8.06
1½	23.26	21.34	20.92	19.92	19.15	17.73	16.57	14.93	13.82	13.82
2	27.98	25.67	25.17	23.97	23.05	21.34	19.94	17.96	16.63	16.63
3	55.87	51.26	50.25	47.86	46.02	42.61	39.82	35.87	33.21	33.21
4	83.40	76.51	75.01	71.44	68.69	63.60	59.44	53.55	49.58	49.58
6	126.44	116.00	113.73	108.31	104.14	96.43	90.12	81.19	75.18	75.18
8	216.59	198.71	194.81	185.53	178.39	165.18	154.37	139.07	128.77	128.77
10	416.48	382.09	374.60	356.76	343.04	317.63	296.85			

## Volume Charges

## Residential Customers

Block 1 - Over 4ccfs - 150% of AWC**	2.62	2.40	2.35	2.24	2.15	1.99	1.86	1.68	1.56	1.56
Block 2 - 150% - 250% of AWC	6.20	5.69	5.58	5.31	5.11	4.73	4.42	3.98	3.68	3.68
Block 3 - over 250% of AWC	8.86	8.13	7.97	7.59	7.30	6.76	6.32	5.69	5.27	5.27

## Non Residential Customers

Block 1 - 150% of AWC**	2.62	2.40	2.35	2.24	2.15	1.99	1.86	1.68	1.56	1.56
Block 2 - 150% - 300% of AWC	6.20	5.69	5.58	5.31	5.11	4.73	4.42	3.98	3.68	3.68
Block 3 - over 300% of AWC	8.86	8.13	7.97	7.59	7.30	6.76	6.32	5.69	5.27	5.27

## Rate Increase (By Design)

9%	2%	5%	4%	8%	7%	11%	8%	0%	5%
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## Water Supply Replacement Charge

Meter Size	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
¾	12.88	11.82	11.59	11.04	10.62	9.83	8.81	7.94	6.39	6.39
1	32.24	29.58	29.00	27.62	26.56	24.59	19.15	17.25	15.97	15.97
1½	64.47	59.15	57.99	55.23	53.11	49.18	38.30	34.50	31.94	31.94
2	103.16	94.64	92.78	88.36	84.96	78.67	61.27	55.20	51.10	51.10
3	206.22	189.19	185.48	176.65	169.86	157.28	122.49	110.35	102.18	102.18
4	322.26	295.65	289.85	276.05	265.43	245.77	191.41	172.44	159.67	159.67
6	644.52	591.30	579.71	552.10	530.87	491.55	382.83	344.89	319.34	319.34
8	1,198.77	1,099.79	1,078.23	1,026.89	987.39	914.25	712.03	641.47	593.95	593.95
10	2,282.18	2,093.74	2,052.69	1,954.94	1,879.75	1,740.51	1,355.54			

\* Fiscal year March 1 thru last day of February of year shown

\*\* If the monthly water consumption is less than 4 Ccfs the monthly charge for Water Supply Replacement Charge will not be charged

Note: Proposed rates for FY2022-2023

**PUBLIC SERVICE BOARD - EL PASO WATER**  
**WATER AND WASTEWATER UTILITY FUND**  
2014 thru 2023\*

**Monthly Minimum Charge by**

<u>Meter Size</u>	<b>WASTEWATER RATES</b>									
	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Less than 1	19.79	17.51	17.17	16.35	15.14	14.02	13.10	11.80	10.93	10.93
1	45.53	40.29	39.50	37.62	34.83	32.25	30.14	27.15	25.14	25.14
1½	96.89	85.74	84.06	80.06	74.13	68.64	64.15	57.79	53.51	53.51
2	121.92	107.89	105.77	100.73	93.27	86.36	80.71	72.71	64.32	64.32
3	269.48	238.48	233.80	222.67	206.18	190.91	178.42	160.74	148.83	148.83
4	415.06	367.31	360.11	342.96	317.56	294.04	274.80	247.57	229.23	229.23
6	642.87	568.91	557.75	531.19	491.84	455.41	425.62	383.44	355.04	355.04
8	1,120.21	991.34	971.90	925.62	857.06	793.57	741.65	668.15	618.66	618.66
10	2,162.57	1,913.78	1,876.25	1,786.90	1,654.54	1,531.98	1,431.76			

**Volume Charges**

**Residential Customers**

Over 4 ccfs - 90% of  
Average Winter Consumption

2.49	2.20	2.16	2.06	1.91	1.77	1.65	1.49	1.38	1.38
2.49	2.20	2.16	2.06	1.91	1.77	1.65	1.49	1.38	1.38
13%	2%	5%	8%	8%	7%	11%	8%	0%	5%

**Non Residential Customers**

90% of Average Winter Consumption

**Rate Increase (By Design)**

\* Fiscal year March 1 thru last day of February of year shown

Note: Proposed rates for FY2022-2023

**PUBLIC SERVICE BOARD - EL PASO WATER UTILITIES**  
**DRAINAGE UTILITY**  
2014 thru 2023\*

**Residential: Impervious Area**

**Small:** 0-1,200 sq. ft.

**Typical:** 1,201-3,000 sq.ft.

**Large:** 3,001+ sq.ft.

<b>MONTHLY CHARGE</b>									
2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
2.46	2.26	2.13	2.13	2.13	2.09	1.79	1.61	1.49	1.49
4.92	4.51	4.25	4.25	4.25	4.17	3.56	3.21	2.97	2.97
9.83	9.02	8.51	8.51	8.51	8.34	7.13	6.42	5.94	5.94

**Non-Residential:** Each 2,000 sq.ft. of  
impervious area

5.01	4.60	4.34	4.34	4.34	4.25	3.63	3.27	3.03	3.03
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**Rate Increase (By Design)**

9%	6%	0%	0%	2%	17%	11%	8%	0%	0%
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\* Fiscal year March 1 thru last day of February of year shown

Note: Proposed monthly charge for FY2022-2023

**KEY TERMS****APPENDIX****ACCOUNTING PERIOD**

An established range of time over which business transactions are performed, aggregated, and analyzed into financial statements

**ACCRUAL**

Basis of accounting method in which revenue or expenses are recorded when the transaction occurs versus when the cash is paid or received. (Cash Basis)

**AGUACARES**

A partnership between EPWater and Project Amistad to provide customer assistance to seniors (65+) facing financial hardship and are at risk of being disconnected from water service.

**APPROPRIATION**

Authorization approved by a legislative or other oversight body to incur liabilities for purposes specified in the appropriation act or other enabling legislation.

**ASSET**

A resource of monetary value, tangible, or intangible, such as cash, property, equipment, and property rights, is owned by a person or entity.

**AUDIT**

An official inspection of an individual's or organization's accounts, typically by an independent body.

**BALANCE BUDGET**

A balanced budget occurs when revenues are equal to or greater than total expenses.

**BOLSON**

An underground natural reservoir of water, a.k.a. an aquifer. For the EPWater service area, the Hueco Bolson is the groundwater source of supply for east El Paso. The Mesilla Bolson is the groundwater source of supply for west El Paso. "Bolsón" is the Spanish word for "pocket."

**BOND**

A written promise to repay an agreed-upon amount of principal and interest on the principal over a predetermined period. EPWater generally issues bonds collateralized by and repaid from operating revenues.

**BOOSTER PUMP STATION**

A pumping facility, generally for a water line, which

is usually used to boost the pressure in that line, known as a force main.

**BRACKISH GROUNDWATER**

Water that is high in total dissolved solids (TDS).

**BUDGET**

A financial plan for the appropriation of estimated revenues and planned expenditures for a given period and the associated financial implications associated with it.

**CAPITAL IMPROVEMENT PROGRAM (CIP)**

Plan to improve existing assets or add new ones over time. Financed separately from the operations and maintenance budget.

**COLLECTION SYSTEM**

The aggregate of all assets that gather raw wastewater and return it to a treatment plant.

**COMMERCIAL PAPER**

A short-term financial instrument used specifically for capital projects; allows for very favorable interest rates and matures from one to 270 days from sale.

**ANNUAL COMPREHENSIVE FINANCIAL REPORT (ACFR)**

Governmental unit's yearly report prepared and published as a matter of public record, to include general purpose financial statements, schedules, tables, and notes as required by GASB.

**CREDIT RATING**

The creditworthiness of an entity as determined by professional independent rating agencies. The Utility is rated by Standard & Poor's, and Fitch Investors.

**DEBT SERVICE**

Expenditures for the repayment of the principal and interest on the principal on bonds and other instruments of borrowing.

**DEFICIENCY**

A lack or shortage.

**DEPRECIATION**

A reduction in the value of an asset over time is due in particular to use, wear and tear.

**DESALINATION**

The removal of sufficient salts from water to make it potable.

**KEY TERMS****APPENDIX****DISTRIBUTION SYSTEM**

The aggregate of all assets that allows treated water to be made available to customers.

**DIVISION**

An organizational component that reports to Management, EPWater uses division as the GASB equivalent of a program.

**ENCUMBRANCE**

The recording of an obligation, in the form of a purchase order, contract, or other commitment, to be charged against an appropriation, and for which part of that appropriation is reserved to honor the obligation and ceases to be an encumbrance when the obligation is paid or otherwise extinguished.

**ENTERPRISE FUND**

Used to account for operations that are financed and operated similar to a private business enterprise, where the governing body intends that the costs (including depreciation) of providing goods and services to the general public are continually financed by or recovered primarily through user charges.

**EXPENDITURE**

The outlay of cash from the Utility's assets to honor an obligation for a good, service, or debt.

**FISCAL YEAR**

The twelve-month period begins March 1 and ends the last day of February of the following calendar year.

**FIVE-YEAR PLAN**

A financial planning document to allow the President and CEO and the PSB to plan levels of expenditures and determine rate and fee schedules to generate necessary revenues. The Five-Year Plan begins with the proposed budget year and is updated annually.

**FULL FAITH AND CREDIT**

A pledge of the general rate-setting entity for the payment of debt obligations.

**FULL-TIME EQUIVALENT**

A unit of measurement equal to one employee working a full-time job over a specified period and used to determine statistics such as productivity per full-time employee.

**FUND**

A sum of money saved or made available for particular purposes.

**GOAL**

The long-term, attainable target for an organization, or a vision of the future.

**GRANT**

The contribution of one governmental unit to another, in the form of assistance and/or direct financial contribution and may or may not have restricted uses to attain its goals.

**GROUNDWATER**

Water from below ground, such as from a bolson.

**IMPERVIOUS AREA**

An area that cannot be penetrated by rain and as a result causes rain runoff.

**INCOME**

Enterprise fund's excess of revenues earned over expenses incurred for the enterprise's operations.

**LIABILITY**

An amount owed, either currently or some time into the future, by a person or entity.

**LIFT STATION**

A pumping facility is generally for a sewer line, which is usually used to lift the raw wastewater to a higher elevation so that gravity can take it further down the line, known as a gravity main.

**MANAGEMENT**

The President and CEO, the President's staff (including the Vice President of Operations & Technical Services, Vice President of Strategic, Financial & Management Services, Chief Communication & Government Affairs Officer, General Counsel, Assistant General Counsel, Water Resources Manager, Utility, Land & Water Rights Manager, Human Resources Manager, Information Systems Manager, Consumer Affairs Manager and Executive Secretary).

**MAQUILADORA**

An industrial / manufacturing factory that operates a plant on both sides of the U.S.-Mexico border.

**OBJECT**

Classification of an expenditure describing what type of good or service the expenditure was made.

## KEY TERMS

### APPENDIX

#### OBJECTIVE

Specific, measurable, and observable result of an organization's activities which advance towards its goal(s).

#### PERFORMANCE MEASURE

Metric by which the Utility's organizational units can evaluate service efforts and accomplishments of established goals, with emphasis on quantifiable concepts.

#### POLICY

A plan, course of action, or guiding principle is designed to set parameters for its decisions and actions.

#### PROPRIETARY FUND

The fund is used in governmental accounting to account for activities that involve business-like interactions, either within the government or outside of it.

#### RECLAIMED WATER

Wastewater undergoes advanced secondary or tertiary treatment processes. Non-potable, but usable for very large user consumption for irrigation or some industrial purposes. A.K.A. "gray water" or reuse water.

#### RESERVOIR

A structure for physically storing water.

#### NET POSITION

The difference between an entity's assets plus deferred outflows of resources and its liabilities plus deferred inflows of resources represents its net position. Net position has the following three components:

- net investment in capital assets;
- restricted net position; and
- unrestricted net position.

#### SECTION

An organizational subcomponent that reports to a Division. EPWater uses section as the GASB equivalent of an organizational unit.

#### STORMWATER

Water on the surface originated from precipitation.

#### STRATEGIC PLAN

Approved by the PSB in 1997-98, it identifies internal and external factors having an impact on the future of EPWater, determines likely effects, and devises a proactive plan to address each factor on a priority

basis over short, medium, and long-term planning horizons.

#### SURFACE WATER

Water from above ground, such as from the Río Grande.

#### SYSTEM

The total of all assets the Utility uses for distribution, collection, treatment, and provision of services.

#### TOTAL QUALITY MANAGEMENT (TQM)

The approach in which an organization seeks to continuously improve its ability to meet or exceed customer (external and internal) demands.

#### USER CHARGE

Revenue is generated by payment for a good or service from the consumer of the good or service, as opposed to revenue generated by a tax or some other method.

#### VOUCHER

A written document that evidences the propriety of transactions and usually indicates the accounts in which they are to be recorded.

#### WELL

A pumping structure for collecting groundwater.

#### XERISCAPE

The principles of this landscaping technique are planning and design, soil, turf, plants, irrigation, mulches, and maintenance.

**ACRONYMS**

## APPENDIX

**AFY**

Acre feet per year. An acre-foot covers 1 acre of land 1 foot deep and is equivalent to 325,850 gallons of water.

**AMWA**

Association of Metropolitan Water Agencies

**ARRA**

American Recovery & Reinvestment Act

**AWC**

Average winter consumption. Average of billed water for the previous December, January, and February for a given customer account and the metric against which consumption is measured for all other months.

**AWWA**

American Water Works Association

**BAB**

Build America Bond

**BECC**

Border Environmental Cooperation Commission

**BOD**

Biochemical Oxygen Demand

**CAA**

Clean Air Act of 1955, 42 USCA 7401 as amended

**CCF**

Hundred cubic feet (1 CCF of water = 748 gallons)  
Unit of measurement of customer water consumption

**CHIWAWA**

Consortium for Hi-Technology Investigations in Water and Wastewater

**CIS**

Customer information system

**COLA**

Cost of living adjustment

**COVID-19**

A pandemic, also known as the coronavirus pandemic, disease caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), first identified in December 2019 in Wuhan China

**CPA**

Certified public accountant

**EPA**

Environmental Protection Agency

**EPCWID #1**

El Paso County Water Improvement District, or the "Irrigation District," with which the Utility has an agreement to receive an allotted amount of surface water each year

**EPWU**

El Paso Water Utilities ("the Utility")

**FTE**

Full-time equivalent. A part-time position converted to the equivalent of a full-time position based on a budgeted 2080 hours per year

**GAAP**

Generally Accepted Accounting Principles. Uniform minimum standards and guidelines for disclosing, recording, and reporting financial transactions and entries

**GAC**

Granular activated carbon, key filtration chemical in water treatment

**GASB**

Governmental Accounting Standards Board. Independent accounting standards-setting board for the public sector and not-for-profit entities

**GFOA**

Government Finance Officers Association

**GIS**

Geographic information system. The use of topographical information, orthophoto graphic imaging, and digital renderings of land and property for planning and data management

**GPCD**

Gallons per capita per day

**HUB**

Historically underutilized business (see also **MBE/WBE**)

**IBWC**

International Boundary and Water Commission

**ACRONYMS**

## APPENDIX

**JMAS**

Junta Municipal de Aguas y Saneamiento (the Juárez, Chih., México Water Utility)

**LF**

Linear feet

**LIMS**

Laboratory information management system

**LVWD**

Lower Valley Water District

**MBE/WBE**

Minority or woman-owned business enterprise. EPWater actively encourages historically underutilized or M/WBE's to participate in all bidding processes offered and awarded by the PSB

**MCL**

Maximum contaminant level

**MGD**

Million gallons per day. Unit of measurement for treatment plants

**MUD**

Municipal utility district

**NACWA**

National Association of Clean Water Agencies

**NADBank**

North American Development Bank. Created as a multilateral assistance-providing entity for border areas affected by NAFTA

**NAFTA**

North American Free Trade Agreement

**P.E.**

"Professional Engineer" certification

**PSB**

Public Service Board. Citizen's group which oversees El Paso Water is composed of six U.S. citizens residing in El Paso County and the Mayor of the City of El Paso. All members except for the Mayor, receive a nominal fee for attendance of regularly scheduled meetings

**SCADA**

Supervisory Control and Data Acquisition system. Allows remote and instantaneous monitoring of

distribution and collection systems

**SDWA**

Safe Drinking Water Act of 1974, PL 93-523, as amended

**SIU**

Significant industrial user, as defined by EPA

**SRF**

State Revolving Fund. Low-cost loans offered by states in conjunction with the EPA

**TBLL**

Technically based local limit

**TDS**

Total dissolved solids. Unit of measurement of water quality

**TIP**

Transportation Improvement Program of the State of Texas

**TCEQ**

Texas Commission of Environmental Quality

**TSS**

Total Suspended Solids

**TTHM**

Total Trihalomethanes

**TWDB**

Texas Water Development Board

**TXDOT**

Texas Department of Transportation

**USEPA**

United States Environmental Protection Agency

**USGS**

United States Geological Survey

**UTEP**

The University of Texas at El Paso

**WRP**

Water reclamation plant



**ACRONYMS**

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## APPENDIX

**WSRC**

Water supply replacement charge. Adopted to allow the financing of the cost of attaining future water supplies in lieu of impact fees

**WTP**

Water treatment plant

**WWTP**

Wastewater treatment plant

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**GUIDE TO OPERATING BUDGET ACCOUNTS****APPENDIX****PERSONNEL SERVICES****7010 Capital Salaries and Wages**

Regular and overtime wages incurred by the section on work performed for capital projects, maintenance & operations jobs, and work performed for other sections.

**7020 Operations & Maintenance Salaries and Wages**

Regular and overtime wages incurred by section in performing normal duties. Regular wages are for full-time equivalent budgeted positions, based on a 40- hour workweek plus an additional load to cover included benefits. Only scheduled standby and holiday overtime are budgeted.

**7400 Meeting Fees**

Public Service Board members receive \$20 per meeting for their attendance.

**7750 Worker's Compensation**

Actual cost to the Utility for medical, administrative, and other costs incurred for work-related employee injuries.

**MATERIALS & SUPPLIES****7070 Public Service Board Grants**

Grants awarded by PSB to agencies and individuals, usually for conservation-related projects

**7080 Water Purchased for Resale**

Expenditures for wholesale water purchases.

**7240 Laboratory Supplies & Testing**

All expenditures associated with lab and mini-lab operations, except for wages and equipment purchases over \$25,000.

**7310 Water Supply for Desalination**

All expenditures associated with the water supply for the Desalination Plant.

**7390 Water Supply by EWM**

All expenditures associated with a purchase from the Utility for the returned potable water produced by Enviro Water Mineral Company (EWM).

**7500 Chemicals**

Expenditures for chemicals required for the section's treatment processes and operations.

**7550 Public Affairs Expense**

Expenses associated with public education campaigns, special events, and interaction with the public, including the media.

**7560 Office Supplies & Printing**

Expenditures for all office supplies, outsourced printing, and new equipment and furniture purchases under \$25,000.

**7620 Small Tools & Equipment**

Expenditures for items under \$25,000 required for the section's operations, to include but are not limited to power tools, brooms, mops, ladders, lawnmowers, wrench sets, flashlights, pliers, channel locks, tape measures, levels, trowel, chisels, hacksaws, picks, buckets, equipment blades, toolboxes, etc.

**7740 Rental of equipment**

Expenditures for the rental or lease of equipment.

**MAINTENANCE****7090 Water Rights Land Expense**

Operating expenditures associated with the use of water rights land and conveyance canals.

**7280 Manhole Expense**

Expenditures incurred maintaining manholes, including capital salaries and vehicles and equipment use.

**7330 Emergency Response**

Operating expenditures associated with emergency response to stormwater management, including contracted or internal labor, materials, and equipment.

**7340 Maintenance of Basins, Ponds, Dams**

Operating expenditures associated with maintenance of basins, ponds, and dams for stormwater management, including contracted or internal labor, materials, and equipment.

**7350 Maintenance of Channels, Ditches, Conduits**

Operating expenditures associated with maintenance of channels, ditches, and conduits for stormwater management, including contracted or internal labor, materials, and equipment.

**GUIDE TO OPERATING BUDGET ACCOUNTS****APPENDIX****7360 Maintenance of Pump Stations**

Operating expenditures associated with the maintenance of pump stations for stormwater management, including contracted or internal labor, materials, and equipment.

**7380 Landscaping**

Expenditures associated with maintaining the grounds at EPWater facilities.

**7660 Building Supplies and Services**

Expenditures for all building maintenance-related costs at all EPWater facilities. This includes any expenses on any asset inside the main building, such as janitorial services, elevator maintenance agreements, door locks, pest control, roof or air conditioning repairs, and security cameras. Also included are any expenses for cleaning materials, bathroom, and kitchen supplies. Expenses to operations facilities other than the central building, such as lift stations, wells, etc. will be charged to one of the other appropriate maintenance accounts.

**7680 Communication Equipment**

Cost of using and maintaining all portable communication equipment, including cellular phones, pagers, and two-way radios, and the purchase of new items under \$25,000.

**7850 Maintenance of Equipment**

Expenditures related to the operation and maintenance of equipment necessary for operations. Includes all fossil fuels other than natural gas intended for use in generators, engines, or other equipment, and repairs, maintenance agreements, modifications, replacements, and the labor to do so. Replacement or upgrade of equipment may be considered a capital improvement if costs are significant.

**7860 Maintenance of Services**

Expenditures incurred from maintaining customer service connections, including labor, materials, and equipment.

**7870 Maintenance of Fire Hydrants**

Expenditures incurred from maintaining fire hydrants, including labor, materials, and equipment.

**7880 Maintenance of Mains**

Expenditures incurred from the maintenance of water or sewer mains, including labor, materials, and equipment.

**7900 Maintenance of Meters**

Expenditures to maintain and repair installed meters.

**7910 Maintenance of Office Furniture & Equipment**

Expenditures for all maintenance of office equipment and furniture, including service agreements, repairs, and modifications. Purchase of new equipment should be charged to account 7560.

**7930 Maintenance of Structures & Improvements**

Expenditures for maintaining all structures other than the main facilities; including assets on facility grounds but not part of the main building (ex. a fence), and other developed PSB properties.

**7940 Maintenance of Data Processing Equipment**

Expenditures associated with all information systems hardware not included as "office equipment".

**7950 Maintenance of Cathodic Protection**

Expenditures incurred by maintaining all cathodically protected distribution system assets.

**UTILITIES****7040 Fuel Expense**

Expenditures for all fossil fuels other than natural gas intended for use in generators, engines, or other equipment.

**7060 Electricity Expense**

Expenditures for electricity used in normal operations.

**7710 Natural Gas Expense**

Expenditures for natural gas used in normal operations.

**7760 Utilities**

Expenditures for all other utilities in normal operations, such as sanitation, land-line telephone service (local and long-distance), system consumption of water and sewer services, and stormwater.

**MISCELLANEOUS****7050 Audit Services**

Expenditures related to annual external audits and any other management requested audits.

**GUIDE TO OPERATING BUDGET ACCOUNTS**

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**7070 Public Service Board Grants**

Grants are awarded by P.S.B. agencies and individuals, usually for conservation-related projects.

**7100 Rent**

These expenditures are solely incurred by sections in the Administrative Office building to pay for the Building Maintenance section's operating expenditures.

**7110 Water Conservation Expense**

Expenditures incurred by all conservation-related operations, such as programs, media buys, water conservation marketing items, educational materials, and event appearances.

**7120 Transportation** - Expenditures incurred by sections with vehicles to pay for operations (fuel) and maintenance and repair of those vehicles.

**7130 Cash Management** - Expenditures related to all bank service charges and account management fees.

**7160 Permit Fee to State** - Expenditures made to the State of Texas to obtain permits to operate treatment facilities.

**7260 Expense of Supervisor & Employee**

Expenditures for staff travel and training, education, individual membership fees, business cards, subscriptions, tuition reimbursements, and professional certifications.

**7270 Law Library**

Expenditures by Legal Services for all legal related material needed to update the law library.

**7320 Lease of Land**

Expenditures are related to the lease of land.

**7370 Disposal Fees**

Expenditures related to the disposal of accumulated trash and waste while maintaining basins, ponds, dams, channels, ditches, and conduits.

**7420 Postage**

Expenditures associated with mail, including envelopes, mass mailing services, and rapid delivery services.

**7510 Bid Advertisement Expense**

Expenditures are related to the advertisement of construction and goods and services of bids in any

newspaper, periodical, journal, magazine, or publication.

**7530 Sludge Disposal/Monofil Management**

All costs incurred for transportation of sludge from water and wastewater treatment facilities to the sludge monofil.

**7580 Showerhead Replacement Program**

Expenses associated with water conservation program to provide free low-flow showerheads to customers during FY2012-13.

**7640 Uniforms and Personal Safety Equipment**

Allowance for employee clothing and footwear. Also included are expenses for safety items required to be used in the performance of employee's duties such as rubber boots, gloves, goggles, insect repellent, sunblock, coveralls, safety vests, hard hats, sun shields, safety glasses, knee pads, bandanas, caps, earplugs, first aid kits, back belts, latex gloves, raincoats, etc.

**7700 Insurance**

Expenditures for property, casualty, errors, and omissions, and other insurance policies purchased by the Utility.

**7720 Professional Services**

Expenditures made for solicitation of consultants, lawyers, and other professional persons, utility, and professional membership fees.

**7730 Special Services**

Expenditures for filling special temporary positions (co-ops, VOE's), budgeted temporary help, records management, and honoring unique agreements the Utility or P.S.B. might have with an outside entity.

**7770 Security Services and Equipment**

Expenditures are related to ensuring the security of EPWater buildings and property. This includes security services and repair or purchase of security equipment under \$25,000.

**7780 Miscellaneous Expense**

Expenditures that cannot be accounted for by any other operating budget account. Materials used for maintenance of services, mains, buildings, equipment, structures, manholes, and fire hydrants, such as pipe, steel tape, cement, spray paint, safety cones, wood stakes, nails, bushings, etc., should be charged to the appropriate maintenance account (i.e., 7860 Maintenance of Services, 7880

**GUIDE TO OPERATING BUDGET ACCOUNTS****APPENDIX**

Maintenance of Mains, etc.). This account is not to be used unless expense cannot be categorized anywhere else.

**7790 Software/Hardware Expense**

Expenditures related to the purchase and maintenance of all computer software and hardware used by the Utility.

**PERSONNEL SERVICES****9010 Capital Salaries and Wages**

Regular and overtime wages incurred by the section on work performed for capital projects, maintenance & operations jobs, and work performed for other sections.

**9020 Operations & Maintenance Salaries and Wages**

Regular and overtime wages incurred by section in performing normal duties. Regular wages are for full-time equivalent budgeted positions, based on a 40-hour workweek plus an additional load to cover included benefits. Only scheduled standby and holiday overtime are budgeted.

**9750 Worker's Compensation**

The actual cost to the Utility for medical administrative and other costs incurred for work-related employee injuries.

**MATERIAL & SUPPLIES****9240 Auto Shop Supplies**

All expenditures associated with auto shop operations, except for wages and equipment purchases over \$25,000.

**9560 Office supplies & Printing**

Expenditures for all office supplies, outsourced printing, and new equipment and furniture purchase under \$25,000.

**9620 Small Tools & Equipment**

Expenditures for items under \$25,000 are required for the section's operations, to include but are not limited to power tools, brooms, mops, ladders, lawnmowers, wrench sets, flashlights, pliers, channel locks, tape measures, levels, trowel, chisels, hacksaws, picks, buckets, equipment blades, toolboxes, etc.

**9740 Rental of Equipment**

Expenditures for the rental or lease of equipment.

**MAINTENANCE****9660 Building Supplies and Services**

Expenditures for all building maintenance-related costs at all 900 section facilities. This includes any expenses on any asset inside those buildings, such as janitorial services, elevator maintenance agreements, door locks, pest control, roof or air conditioning repairs, and security cameras. Also included are any expenses for cleaning materials, bathroom, and kitchen supplies.

**9680 communication Equipment**

Cost of using and maintaining all portable communication equipment, including cellular phones, pagers, and two-way radios, and the purchase of new items under \$25,000.

**9840 Building Maintenance** Expenditures for all building maintenance-related costs at the main office building. This includes any expenses on any asset inside the main building, such as janitorial services, elevator maintenance agreements, door locks, pest control, roof or air conditioning repairs, and security cameras. Also included are any expenses for cleaning materials, bathroom, and kitchen supplies.

**9850 Maintenance of Equipment**

Expenditures are related to the operations and maintenance of equipment necessary for operations. Includes all fossil fuels other than natural gas intended for use in generators, engines, or other equipment, and repairs, maintenance agreements, modifications, replacements, and the labor to do so. Replacement or upgrade of equipment may be considered a capital improvement if costs are significant.

**9910 Maintenance of Office Furniture & Equipment**

Expenditures for all maintenance of office equipment and furniture, including service agreements, repairs, and modifications. Purchase of new equipment should be charged to account 7560.

**UTILITIES****9040 Fuel Expense**

Expenditures for all fossil fuels other than natural gas intended for use in generators, engines, or other equipment.

**GUIDE TO OPERATING BUDGET ACCOUNTS****APPENDIX****9760 Utilities**

Expenditures for all other utilities in normal operations, such as sanitation, land-line telephone service (local and long-distance), system consumption of water and sewer services, and stormwater.

**9830 Pan American Building Operating Expense**

Expenditures for all building maintenance-related costs at the Pan American building. This includes any expenses on any asset inside the main building, such as janitorial services, elevator maintenance agreements, door locks, pest control, roof or air conditioning repairs, and security cameras, and utilities. Also included are any expenses for cleaning materials, bathroom, and kitchen supplies.

**MISCELLANEOUS****9120 Transportation**

Expenditures incurred by sections with vehicles to pay for operations (fuel) and maintenance and repair of those vehicles.

**9160 Permit Fee to State**

Expenditures paid to the State of Texas to obtain permits to operate treatment facilities.

**9260 Expense of Supervisor & Employee**

Expenditures for staff travel and training, education, individual membership fees, business cards, subscriptions, tuition reimbursements, and professional certifications.

**9640 Uniforms and Personal Safety Equipment**

Allowance for employee clothing and footwear. Also included are expenses for safety items required to be used in the performance of employee's duties such as rubber boots, gloves, goggles, insect repellent, sunblock, coveralls, safety vests, hard hats, sun shields, safety glasses, knee pads, bandanas, caps, earplugs, first aid kits, back belts, latex gloves, raincoats, etc.

**9700 Insurance**

Expenditures for property, casualty, errors, and omissions, and other insurance policies purchased by the Utility.

**9770 Security Services and Equipment**

Expenditures are related to ensuring the security of EPWater buildings and property. This includes security services and repair or purchase of security equipment under \$25,000.

**9780 Miscellaneous Expense**

Expenditures that cannot be accounted for by any other operating budget account. Materials used for maintenance of services, mains, buildings, equipment, structures, manholes, and fire hydrants, such as pipe, steel tape, cement, spray paint, safety cones, wood stakes, nails, bushings, etc., should be charged to the appropriate maintenance account (i.e., 7860 Maintenance of Services, 7880 Maintenance of Mains, etc.). This account is not to be used unless expense cannot be categorized anywhere else.

**9790 Software/Hardware Expense**

Expenditures related to the purchase and maintenance of all computer software and hardware used by the Utility.